



AAFCO
Association of American Feed Control Officials



Animal Feed Scheme
Fish Feed, Multi-Species

Labs Reporting: 172
Methods Reported 397
Issue Date : 08/31/2023

Test Material Code # 202327

Method Proficiency Testing Report

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs			
000.02	Urea, As protein, Colorimetric (%)	0278	0.2000	0.0000				1		0	
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0504	7.645	0.2700	7.881	0.1745	0.1081	4		0	
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0027	7.862	0.0190	7.881	0.1745	0.1081	4		0	
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0169	7.975	0.0100	7.881	0.1745	0.1081	4		0	
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0407	8.044	0.1333	7.881	0.1745	0.1081	4		0	
001.03	Loss on Drying, Low temp. methods (%)	0843	7.955	0.0500				1		0	
001.05	Loss on Drying, LECO (%)	0644	7.957	0.0200				1		0	
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2442	5.185	0.1100	7.792	0.2461	0.1092	45	-10.59	17%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0345	5.375	0.0500	7.792	0.2461	0.1092	45	-9.82	16%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0643	7.120	0.0400	7.792	0.2461	0.1092	45	-2.73	4%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0853	7.300	0.0000	7.792	0.2461	0.1092	45	-2.00	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0278	7.315	0.1100	7.792	0.2461	0.1092	45	-1.94	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0226	7.410	0.0000	7.792	0.2461	0.1092	45	-1.55	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0034	7.445	0.2700	7.792	0.2461	0.1092	45	-1.41	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0038	7.455	0.3700	7.792	0.2461	0.1092	45	-1.37	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2144	7.600	0.0400	7.792	0.2461	0.1092	45	-0.78	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2445	7.640	0.0000	7.792	0.2461	0.1092	45	-0.62	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0353	7.660	0.0200	7.792	0.2461	0.1092	45	-0.54	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2146	7.665	0.0100	7.792	0.2461	0.1092	45	-0.52	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2345	7.695	0.0500	7.792	0.2461	0.1092	45	-0.40	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0171	7.720	0.0000	7.792	0.2461	0.1092	45	-0.29	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2009	7.721	0.0058	7.792	0.2461	0.1092	45	-0.29	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0297	7.730	0.1800	7.792	0.2461	0.1092	45	-0.25	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0098	7.740	0.5800	7.792	0.2461	0.1092	45	-0.21	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0650	7.740	0.1200	7.792	0.2461	0.1092	45	-0.21	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0066	7.755	0.1100	7.792	0.2461	0.1092	45	-0.15	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0693	7.799	0.1540	7.792	0.2461	0.1092	45	0.03	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0028	7.805	0.2900	7.792	0.2461	0.1092	45	0.05	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2259	7.836	0.0600	7.792	0.2461	0.1092	45	0.18	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0083	7.845	0.0100	7.792	0.2461	0.1092	45	0.21	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0148	7.845	0.0100	7.792	0.2461	0.1092	45	0.21	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0035	7.850	0.1200	7.792	0.2461	0.1092	45	0.23	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0505	7.860	0.0800	7.792	0.2461	0.1092	45	0.28	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 (%)	0407	7.862	0.2028	7.792	0.2461	0.1092	45	0.28	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2192	7.865	0.0100	7.792	0.2461	0.1092	45	0.30	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2195	7.895	0.0900	7.792	0.2461	0.1092	45	0.42	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0689	7.900	0.2000	7.792	0.2461	0.1092	45	0.44	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0003	7.905	0.0300	7.792	0.2461	0.1092	45	0.46	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0596	7.915	0.0700	7.792	0.2461	0.1092	45	0.50	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0089	7.930	0.0200	7.792	0.2461	0.1092	45	0.56	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0876	7.930	0.0800	7.792	0.2461	0.1092	45	0.56	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0590	7.950	0.1400	7.792	0.2461	0.1092	45	0.64	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0843	7.955	0.0500	7.792	0.2461	0.1092	45	0.66	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0675	7.975	0.0300	7.792	0.2461	0.1092	45	0.74	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0872	7.975	0.1100	7.792	0.2461	0.1092	45	0.74	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2109	8.010	0.4200	7.792	0.2461	0.1092	45	0.88	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0571	8.020	0.1600	7.792	0.2461	0.1092	45	0.93	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0581	8.020	0.0800	7.792	0.2461	0.1092	45	0.93	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2059	8.115	0.0100	7.792	0.2461	0.1092	45	1.31	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0074	8.210	0.5000	7.792	0.2461	0.1092	45	1.70	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0682	8.210	0.0000	7.792	0.2461	0.1092	45	1.70	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2190	8.690	0.2600	7.792	0.2461	0.1092	45	3.65	6%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0045	7.650	0.9400	7.792	0.2461	0.1092	45	-0.58	1%	1
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0366	8.200	0.8000	7.792	0.2461	0.1092	45	1.66	3%	1
001.08	Loss on Drying, 102°C 16 hr, in meat (%)	0921	7.967	0.0020				1			0
001.99	Loss on Drying, Miscellaneous (%)	0618	5.900	0.0600	7.715	0.5791	0.1321	20	-3.13	12%	0
001.99	Loss on Drying, Miscellaneous (%)	2155	6.610	0.7000	7.715	0.5791	0.1321	20	-1.91	7%	0
001.99	Loss on Drying, Miscellaneous (%)	0186	6.712	0.0904	7.715	0.5791	0.1321	20	-1.73	6%	0
001.99	Loss on Drying, Miscellaneous (%)	0676	7.270	0.0600	7.715	0.5791	0.1321	20	-0.77	3%	0
001.99	Loss on Drying, Miscellaneous (%)	0596	7.420	0.1800	7.715	0.5791	0.1321	20	-0.51	2%	0
001.99	Loss on Drying, Miscellaneous (%)	2392	7.480	0.0600	7.715	0.5791	0.1321	20	-0.41	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0019	7.485	0.4300	7.715	0.5791	0.1321	20	-0.40	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0510	7.500	0.0000	7.715	0.5791	0.1321	20	-0.37	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0656	7.590	0.0000	7.715	0.5791	0.1321	20	-0.22	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0610	7.665	0.0100	7.715	0.5791	0.1321	20	-0.09	0%	0
001.99	Loss on Drying, Miscellaneous (%)	0948	7.915	0.0100	7.715	0.5791	0.1321	20	0.35	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0037	7.925	0.0100	7.715	0.5791	0.1321	20	0.36	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0536	7.935	0.1100	7.715	0.5791	0.1321	20	0.38	1%	0
001.99	Loss on Drying, Miscellaneous (%)	2246	7.975	0.0500	7.715	0.5791	0.1321	20	0.45	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0910	8.000	0.0000	7.715	0.5791	0.1321	20	0.49	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0021	8.050	0.3000	7.715	0.5791	0.1321	20	0.58	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0357	8.252	0.1138	7.715	0.5791	0.1321	20	0.93	3%	0
001.99	Loss on Drying, Miscellaneous (%)	2319	8.350	0.1000	7.715	0.5791	0.1321	20	1.10	4%	0
001.99	Loss on Drying, Miscellaneous (%)	0560	8.460	0.6200	7.715	0.5791	0.1321	20	1.29	5%	0
001.99	Loss on Drying, Miscellaneous (%)	2268	8.485	0.0900	7.715	0.5791	0.1321	20	1.33	5%	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			
002.00	Protein, Crude, Crude (%)	0169	35.15	0.1900				3			0
002.00	Protein, Crude, Crude (%)	2345	37.16	0.7000				3			0
002.00	Protein, Crude, Crude (%)	2433	37.25	0.1000				3			0
002.01	Protein, Crude, Auto Kjell-Foss (%)	2442	35.72	0.0500	36.40	0.4389	0.1201	19	-1.55	1%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	2188	35.84	0.0000	36.40	0.4389	0.1201	19	-1.26	1%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	0674	35.91	0.0000	36.40	0.4389	0.1201	19	-1.11	1%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	2445	36.10	0.0600	36.40	0.4389	0.1201	19	-0.67	0%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	2434	36.16	0.0000	36.40	0.4389	0.1201	19	-0.54	0%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	2259	36.18	0.0780	36.40	0.4389	0.1201	19	-0.49	0%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	0723	36.19	0.1500	36.40	0.4389	0.1201	19	-0.48	0%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	0968	36.20	0.1300	36.40	0.4389	0.1201	19	-0.46	0%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	0910	36.25	0.1000	36.40	0.4389	0.1201	19	-0.33	0%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	2196	36.40	0.0000	36.40	0.4389	0.1201	19	0.01	0%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	2193	36.44	0.1400	36.40	0.4389	0.1201	19	0.10	0%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	0870	36.46	0.2630	36.40	0.4389	0.1201	19	0.15	0%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	2195	36.56	0.0700	36.40	0.4389	0.1201	19	0.36	0%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	0652	36.65	0.3000	36.40	0.4389	0.1201	19	0.58	0%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	0848	36.68	0.1130	36.40	0.4389	0.1201	19	0.64	0%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	0164	36.78	0.0600	36.40	0.4389	0.1201	19	0.88	1%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	2325	36.88	0.0400	36.40	0.4389	0.1201	19	1.10	1%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	0610	37.35	0.1000	36.40	0.4389	0.1201	19	2.18	1%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	0685	38.24	0.4000	36.40	0.4389	0.1201	19	4.20	3%	0
002.02	Protein, Crude, Semiauto Autoanalyzer (%)	0066	36.75	0.0800				1			0
002.04	Protein, Crude, Copper Catalyst (%)	0504	36.88	0.2100				1			0
002.05	Protein, Crude, Copper, Boric Acid (%)	0596	35.78	0.0300	36.25	0.3284	0.2367	26	-1.45	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2199	35.80	1.000	36.25	0.3284	0.2367	26	-1.38	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2200	35.85	0.5000	36.25	0.3284	0.2367	26	-1.23	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2144	35.86	0.0700	36.25	0.3284	0.2367	26	-1.21	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0643	35.95	0.0180	36.25	0.3284	0.2367	26	-0.91	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2337	36.02	0.0300	36.25	0.3284	0.2367	26	-0.72	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0563	36.03	0.0166	36.25	0.3284	0.2367	26	-0.68	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2453	36.08	0.2900	36.25	0.3284	0.2367	26	-0.54	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2006	36.09	0.0800	36.25	0.3284	0.2367	26	-0.50	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0885	36.12	0.1445	36.25	0.3284	0.2367	26	-0.41	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0536	36.16	0.1800	36.25	0.3284	0.2367	26	-0.28	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2097	36.22	0.7081	36.25	0.3284	0.2367	26	-0.09	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2192	36.25	0.1300	36.25	0.3284	0.2367	26	-0.02	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0622	36.29	0.1660	36.25	0.3284	0.2367	26	0.13	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2446	36.32	0.0590	36.25	0.3284	0.2367	26	0.19	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0354	36.33	0.0200	36.25	0.3284	0.2367	26	0.24	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2109	36.36	0.1400	36.25	0.3284	0.2367	26	0.33	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0939	36.37	0.2600	36.25	0.3284	0.2367	26	0.36	0%	0

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			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
002.05	Protein, Crude, Copper, Boric Acid (%)	2190	36.41	0.7100	36.25	0.3284	0.2367	26	0.46	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0948	36.47	0.0100	36.25	0.3284	0.2367	26	0.65	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0651	36.50	1.129	36.25	0.3284	0.2367	26	0.76	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2392	36.55	0.0000	36.25	0.3284	0.2367	26	0.91	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2009	36.58	0.0134	36.25	0.3284	0.2367	26	1.00	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2146	36.72	0.5500	36.25	0.3284	0.2367	26	1.41	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2246	36.84	0.1500	36.25	0.3284	0.2367	26	1.77	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0689	36.85	0.5000	36.25	0.3284	0.2367	26	1.82	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2442	34.88	0.0500	36.94	0.3051	0.1963	114	-6.78	3%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0650	35.51	0.9900	36.94	0.3051	0.1963	114	-4.72	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0242	35.64	0.0000	36.94	0.3051	0.1963	114	-4.28	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0032	36.05	0.3000	36.94	0.3051	0.1963	114	-2.93	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0042	36.25	0.3000	36.94	0.3051	0.1963	114	-2.28	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0278	36.45	0.7000	36.94	0.3051	0.1963	114	-1.62	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0723	36.45	0.0600	36.94	0.3051	0.1963	114	-1.62	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0880	36.45	0.7000	36.94	0.3051	0.1963	114	-1.62	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0968	36.48	0.0100	36.94	0.3051	0.1963	114	-1.54	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0226	36.49	0.6100	36.94	0.3051	0.1963	114	-1.51	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0345	36.50	0.4000	36.94	0.3051	0.1963	114	-1.46	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2174	36.54	0.2900	36.94	0.3051	0.1963	114	-1.34	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0508	36.54	0.5270	36.94	0.3051	0.1963	114	-1.34	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0589	36.60	0.2900	36.94	0.3051	0.1963	114	-1.15	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0027	36.61	0.2330	36.94	0.3051	0.1963	114	-1.11	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2303	36.64	0.2000	36.94	0.3051	0.1963	114	-1.00	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0357	36.66	0.0375	36.94	0.3051	0.1963	114	-0.94	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0006	36.67	0.2200	36.94	0.3051	0.1963	114	-0.90	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0074	36.68	0.0400	36.94	0.3051	0.1963	114	-0.87	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2326	36.69	0.1250	36.94	0.3051	0.1963	114	-0.84	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0045	36.70	0.4000	36.94	0.3051	0.1963	114	-0.80	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0853	36.70	0.0000	36.94	0.3051	0.1963	114	-0.80	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0504	36.72	0.0760	36.94	0.3051	0.1963	114	-0.75	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0190	36.73	0.0300	36.94	0.3051	0.1963	114	-0.72	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0297	36.73	0.1800	36.94	0.3051	0.1963	114	-0.70	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0574	36.75	0.0900	36.94	0.3051	0.1963	114	-0.65	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0610	36.75	0.1000	36.94	0.3051	0.1963	114	-0.64	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2375	36.76	0.1300	36.94	0.3051	0.1963	114	-0.62	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0026	36.76	0.0430	36.94	0.3051	0.1963	114	-0.60	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0539	36.77	0.6900	36.94	0.3051	0.1963	114	-0.59	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0626	36.77	0.0640	36.94	0.3051	0.1963	114	-0.58	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0939	36.78	0.5400	36.94	0.3051	0.1963	114	-0.54	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0843	36.80	0.1900	36.94	0.3051	0.1963	114	-0.49	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0510	36.80	0.0000	36.94	0.3051	0.1963	114	-0.47	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0036	36.81	0.1950	36.94	0.3051	0.1963	114	-0.46	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0505	36.81	0.0200	36.94	0.3051	0.1963	114	-0.44	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0511	36.82	0.3500	36.94	0.3051	0.1963	114	-0.42	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0590	36.83	0.2500	36.94	0.3051	0.1963	114	-0.39	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0144	36.83	0.0800	36.94	0.3051	0.1963	114	-0.38	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0171	36.83	0.0200	36.94	0.3051	0.1963	114	-0.38	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0108	36.84	0.2700	36.94	0.3051	0.1963	114	-0.36	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0546	36.84	0.3420	36.94	0.3051	0.1963	114	-0.33	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2319	36.85	0.1000	36.94	0.3051	0.1963	114	-0.31	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2359	36.85	0.1000	36.94	0.3051	0.1963	114	-0.31	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0366	36.85	0.7000	36.94	0.3051	0.1963	114	-0.31	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0598	36.88	0.2100	36.94	0.3051	0.1963	114	-0.23	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0529	36.88	0.0600	36.94	0.3051	0.1963	114	-0.21	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0870	36.88	0.1375	36.94	0.3051	0.1963	114	-0.21	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0354	36.89	0.0100	36.94	0.3051	0.1963	114	-0.19	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0953	36.90	0.6100	36.94	0.3051	0.1963	114	-0.16	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0035	36.90	0.2200	36.94	0.3051	0.1963	114	-0.15	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2349	36.90	0.0000	36.94	0.3051	0.1963	114	-0.15	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0123	36.90	0.1200	36.94	0.3051	0.1963	114	-0.15	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0914	36.90	0.1000	36.94	0.3051	0.1963	114	-0.15	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0646	36.94	0.2100	36.94	0.3051	0.1963	114	-0.03	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0263	36.94	0.0700	36.94	0.3051	0.1963	114	-0.01	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0047	36.95	0.3000	36.94	0.3051	0.1963	114	0.02	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0098	36.95	0.3000	36.94	0.3051	0.1963	114	0.02	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0675	36.96	0.0900	36.94	0.3051	0.1963	114	0.03	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0726	36.96	0.0100	36.94	0.3051	0.1963	114	0.03	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0859	36.96	0.4030	36.94	0.3051	0.1963	114	0.05	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0948	36.97	0.0300	36.94	0.3051	0.1963	114	0.07	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0164	36.97	0.0600	36.94	0.3051	0.1963	114	0.08	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0682	36.98	0.0000	36.94	0.3051	0.1963	114	0.12	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0353	36.98	0.0200	36.94	0.3051	0.1963	114	0.12	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2168	36.98	0.1000	36.94	0.3051	0.1963	114	0.12	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0004	37.00	0.4000	36.94	0.3051	0.1963	114	0.18	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0010	37.00	0.4000	36.94	0.3051	0.1963	114	0.18	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0019	37.00	0.3000	36.94	0.3051	0.1963	114	0.18	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0202	37.00	0.8000	36.94	0.3051	0.1963	114	0.18	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0687	37.00	0.2000	36.94	0.3051	0.1963	114	0.18	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0693	37.00	0.0000	36.94	0.3051	0.1963	114	0.18	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0848	37.00	0.2000	36.94	0.3051	0.1963	114	0.18	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0407	37.02	0.1660	36.94	0.3051	0.1963	114	0.24	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0644	37.02	0.2090	36.94	0.3051	0.1963	114	0.25	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0876	37.03	0.1800	36.94	0.3051	0.1963	114	0.28	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	2302	37.04	0.0800	36.94	0.3051	0.1963	114	0.31	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0910	37.05	0.1000	36.94	0.3051	0.1963	114	0.35	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0956	37.05	0.1000	36.94	0.3051	0.1963	114	0.35	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2155	37.06	0.4600	36.94	0.3051	0.1963	114	0.38	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0229	37.07	0.1300	36.94	0.3051	0.1963	114	0.40	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0964	37.08	0.0570	36.94	0.3051	0.1963	114	0.43	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0083	37.10	0.1100	36.94	0.3051	0.1963	114	0.49	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0049	37.10	0.0000	36.94	0.3051	0.1963	114	0.51	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0541	37.14	0.0900	36.94	0.3051	0.1963	114	0.62	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0872	37.14	0.1200	36.94	0.3051	0.1963	114	0.64	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0618	37.15	0.2600	36.94	0.3051	0.1963	114	0.67	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0100	37.16	0.0600	36.94	0.3051	0.1963	114	0.71	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0676	37.16	0.4400	36.94	0.3051	0.1963	114	0.71	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2150	37.17	0.1000	36.94	0.3051	0.1963	114	0.74	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2184	37.17	0.0200	36.94	0.3051	0.1963	114	0.74	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0884	37.20	0.4000	36.94	0.3051	0.1963	114	0.84	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0018	37.23	0.0800	36.94	0.3051	0.1963	114	0.94	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0003	37.25	0.5900	36.94	0.3051	0.1963	114	0.99	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0571	37.25	0.0000	36.94	0.3051	0.1963	114	1.00	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	1019	37.25	0.0800	36.94	0.3051	0.1963	114	1.00	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0009	37.27	0.0100	36.94	0.3051	0.1963	114	1.05	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0037	37.27	0.2600	36.94	0.3051	0.1963	114	1.07	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0656	37.27	0.0000	36.94	0.3051	0.1963	114	1.07	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0001	37.32	0.1200	36.94	0.3051	0.1963	114	1.23	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0358	37.34	0.5400	36.94	0.3051	0.1963	114	1.30	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0294	37.37	0.2000	36.94	0.3051	0.1963	114	1.39	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2246	37.42	0.0200	36.94	0.3051	0.1963	114	1.56	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0089	37.45	0.0100	36.94	0.3051	0.1963	114	1.64	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0034	37.48	0.2000	36.94	0.3051	0.1963	114	1.76	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0186	37.48	0.0200	36.94	0.3051	0.1963	114	1.76	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0011	37.50	0.1500	36.94	0.3051	0.1963	114	1.80	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2059	37.52	0.0313	36.94	0.3051	0.1963	114	1.89	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2129	37.53	0.1580	36.94	0.3051	0.1963	114	1.91	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2213	37.59	0.6200	36.94	0.3051	0.1963	114	2.12	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2089	37.61	0.0800	36.94	0.3051	0.1963	114	2.18	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2268	37.77	0.0600	36.94	0.3051	0.1963	114	2.71	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0038	37.80	0.2000	36.94	0.3051	0.1963	114	2.80	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0148	37.86	0.4700	36.94	0.3051	0.1963	114	2.98	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0692	36.65	1.900	36.94	0.3051	0.1963	114	-0.97	0%	1
002.08	Protein, Crude, Cu/Ti (%)	0563	36.26	0.0177				2			0
002.08	Protein, Crude, Cu/Ti (%)	0098	36.28	0.0400				2			0
002.11	Protein, Crude, NIR (%)	0297	37.27	0.3400				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			
002.11	Protein, Crude, NIR (%)	0885	38.82	0.0800				2			0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2192	3.950	0.0000	4.158	0.1913	0.0777	11	-1.08	2%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2359	3.950	0.1000	4.158	0.1913	0.0777	11	-1.08	2%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0345	4.065	0.1700	4.158	0.1913	0.0777	11	-0.48	1%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2442	4.075	0.0100	4.158	0.1913	0.0777	11	-0.43	1%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2109	4.095	0.0300	4.158	0.1913	0.0777	11	-0.33	1%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2190	4.135	0.2300	4.158	0.1913	0.0777	11	-0.12	0%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2097	4.146	0.1283	4.158	0.1913	0.0777	11	-0.06	0%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0885	4.153	0.0469	4.158	0.1913	0.0777	11	-0.02	0%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2337	4.275	0.0100	4.158	0.1913	0.0777	11	0.61	1%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0596	4.445	0.0700	4.158	0.1913	0.0777	11	1.50	3%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2325	4.860	0.0200	4.158	0.1913	0.0777	11	3.67	8%	0
003.01	Fat, Crude, Diethyl Ether Ext (13th ed.), Indirec	0504	4.120	0.1000				3			0
003.01	Fat, Crude, Diethyl Ether Ext (13th ed.), Indirec	0563	4.172	0.0436				3			0
003.01	Fat, Crude, Diethyl Ether Ext (13th ed.), Indirec	0164	4.530	0.2000				3			0
003.06	Fat, Crude, Pet Ether (%)	0169	3.715	0.0900	4.048	0.2942	0.1637	14	-1.13	4%	0
003.06	Fat, Crude, Pet Ether (%)	0675	3.715	0.1900	4.048	0.2942	0.1637	14	-1.13	4%	0
003.06	Fat, Crude, Pet Ether (%)	0297	3.750	0.1600	4.048	0.2942	0.1637	14	-1.01	4%	0
003.06	Fat, Crude, Pet Ether (%)	0674	3.800	0.0000	4.048	0.2942	0.1637	14	-0.84	3%	0
003.06	Fat, Crude, Pet Ether (%)	2392	3.840	0.1200	4.048	0.2942	0.1637	14	-0.71	3%	0
003.06	Fat, Crude, Pet Ether (%)	0968	3.910	0.0600	4.048	0.2942	0.1637	14	-0.47	2%	0
003.06	Fat, Crude, Pet Ether (%)	0884	4.050	0.1000	4.048	0.2942	0.1637	14	0.01	0%	0
003.06	Fat, Crude, Pet Ether (%)	0689	4.100	0.0000	4.048	0.2942	0.1637	14	0.18	1%	0
003.06	Fat, Crude, Pet Ether (%)	0294	4.208	0.1330	4.048	0.2942	0.1637	14	0.54	2%	0
003.06	Fat, Crude, Pet Ether (%)	0229	4.215	0.4300	4.048	0.2942	0.1637	14	0.57	2%	0
003.06	Fat, Crude, Pet Ether (%)	0682	4.220	0.0000	4.048	0.2942	0.1637	14	0.59	2%	0
003.06	Fat, Crude, Pet Ether (%)	0644	4.280	0.0050	4.048	0.2942	0.1637	14	0.79	3%	0
003.06	Fat, Crude, Pet Ether (%)	0687	4.375	0.2500	4.048	0.2942	0.1637	14	1.11	4%	0
003.06	Fat, Crude, Pet Ether (%)	0910	6.070	0.3400	4.048	0.2942	0.1637	14	6.87	25%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0004	3.845	0.1300	4.045	0.1646	0.1420	11	-1.22	2%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0098	3.905	0.1500	4.045	0.1646	0.1420	11	-0.85	2%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0964	3.921	0.2020	4.045	0.1646	0.1420	11	-0.76	2%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0948	3.950	0.0800	4.045	0.1646	0.1420	11	-0.58	1%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0027	3.971	0.0310	4.045	0.1646	0.1420	11	-0.45	1%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	2349	4.005	0.0900	4.045	0.1646	0.1420	11	-0.24	0%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0685	4.060	0.0400	4.045	0.1646	0.1420	11	0.09	0%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0354	4.160	0.0800	4.045	0.1646	0.1420	11	0.70	1%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0353	4.185	0.3700	4.045	0.1646	0.1420	11	0.85	2%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0508	4.204	0.1556	4.045	0.1646	0.1420	11	0.97	2%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0590	5.040	0.4400	4.045	0.1646	0.1420	11	6.04	12%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0042	3.625	0.0500	3.920	0.1894	0.0703	27	-1.56	4%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0693	3.687	0.1290	3.920	0.1894	0.0703	27	-1.23	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	
003.10	Fat, Crude, Randall, Pet Ether (%)	0123	3.690	0.0800	3.920	0.1894	0.0703	27	-1.21	3%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0263	3.750	0.0130	3.920	0.1894	0.0703	27	-0.90	2%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0098	3.755	0.0500	3.920	0.1894	0.0703	27	-0.87	2%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2195	3.765	0.0900	3.920	0.1894	0.0703	27	-0.82	2%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0036	3.783	0.0896	3.920	0.1894	0.0703	27	-0.72	2%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2155	3.783	0.0780	3.920	0.1894	0.0703	27	-0.72	2%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2184	3.785	0.0100	3.920	0.1894	0.0703	27	-0.71	2%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0541	3.835	0.0100	3.920	0.1894	0.0703	27	-0.45	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2196	3.850	0.0000	3.920	0.1894	0.0703	27	-0.37	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0622	3.868	0.0570	3.920	0.1894	0.0703	27	-0.27	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0242	3.870	0.1000	3.920	0.1894	0.0703	27	-0.26	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0870	3.905	0.1185	3.920	0.1894	0.0703	27	-0.08	0%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2009	3.943	0.0076	3.920	0.1894	0.0703	27	0.12	0%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0100	3.955	0.0300	3.920	0.1894	0.0703	27	0.19	0%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2193	3.985	0.0500	3.920	0.1894	0.0703	27	0.34	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0366	4.000	0.0000	3.920	0.1894	0.0703	27	0.42	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0045	4.010	0.1800	3.920	0.1894	0.0703	27	0.48	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0148	4.020	0.0800	3.920	0.1894	0.0703	27	0.53	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0848	4.065	0.3100	3.920	0.1894	0.0703	27	0.77	2%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0610	4.075	0.0900	3.920	0.1894	0.0703	27	0.82	2%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2446	4.097	0.0550	3.920	0.1894	0.0703	27	0.93	2%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2319	4.150	0.1000	3.920	0.1894	0.0703	27	1.21	3%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2188	4.170	0.0000	3.920	0.1894	0.0703	27	1.32	3%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2434	4.300	0.0000	3.920	0.1894	0.0703	27	2.01	5%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0676	4.305	0.0500	3.920	0.1894	0.0703	27	2.03	5%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0618	5.211	0.3770	3.920	0.1894	0.0703	27	6.81	16%	1
003.11	Fat, Crude, NIR (%)	0885	2.665	0.0100				2			0
003.11	Fat, Crude, NIR (%)	0297	6.010	0.0200				2			0
003.12	Fat, Crude, Hexane Ext (%)	2199	4.305	0.2300				3			0
003.12	Fat, Crude, Hexane Ext (%)	2200	4.425	0.2500				3			0
003.12	Fat, Crude, Hexane Ext (%)	2326	4.710	0.5200				3			0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	2246	3.670	0.2200	4.023	0.3405	0.1663	6	-1.04	4%	0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	0028	3.870	0.0800	4.023	0.3405	0.1663	6	-0.45	2%	0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	0098	3.870	0.2200	4.023	0.3405	0.1663	6	-0.45	2%	0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	0646	4.025	0.1500	4.023	0.3405	0.1663	6	0.01	0%	0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	2006	4.175	0.0900	4.023	0.3405	0.1663	6	0.45	2%	0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	0870	4.529	0.2380	4.023	0.3405	0.1663	6	1.49	6%	0
003.14	Fat, Crude, Ankom (%)	0108	3.260	0.2400	3.986	0.2509	0.1375	49	-2.89	9%	0
003.14	Fat, Crude, Ankom (%)	0574	3.355	0.0100	3.986	0.2509	0.1375	49	-2.51	8%	0
003.14	Fat, Crude, Ankom (%)	2359	3.400	0.0000	3.986	0.2509	0.1375	49	-2.33	7%	0
003.14	Fat, Crude, Ankom (%)	0853	3.450	0.1000	3.986	0.2509	0.1375	49	-2.13	7%	0
003.14	Fat, Crude, Ankom (%)	0186	3.500	0.0800	3.986	0.2509	0.1375	49	-1.94	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	
003.14	Fat, Crude, Ankom (%)	0358	3.690	0.5600	3.986	0.2509	0.1375	49	-1.18	4%	0
003.14	Fat, Crude, Ankom (%)	0003	3.770	0.0000	3.986	0.2509	0.1375	49	-0.86	3%	0
003.14	Fat, Crude, Ankom (%)	0581	3.790	0.0200	3.986	0.2509	0.1375	49	-0.78	2%	0
003.14	Fat, Crude, Ankom (%)	2433	3.790	0.3000	3.986	0.2509	0.1375	49	-0.78	2%	0
003.14	Fat, Crude, Ankom (%)	0144	3.795	0.2100	3.986	0.2509	0.1375	49	-0.76	2%	0
003.14	Fat, Crude, Ankom (%)	0598	3.805	0.1700	3.986	0.2509	0.1375	49	-0.72	2%	0
003.14	Fat, Crude, Ankom (%)	0939	3.825	0.0900	3.986	0.2509	0.1375	49	-0.64	2%	0
003.14	Fat, Crude, Ankom (%)	0407	3.826	0.1787	3.986	0.2509	0.1375	49	-0.64	2%	0
003.14	Fat, Crude, Ankom (%)	0651	3.868	0.1364	3.986	0.2509	0.1375	49	-0.47	1%	0
003.14	Fat, Crude, Ankom (%)	0019	3.875	0.2300	3.986	0.2509	0.1375	49	-0.44	1%	0
003.14	Fat, Crude, Ankom (%)	0037	3.885	0.0100	3.986	0.2509	0.1375	49	-0.40	1%	0
003.14	Fat, Crude, Ankom (%)	0876	3.890	0.3000	3.986	0.2509	0.1375	49	-0.38	1%	0
003.14	Fat, Crude, Ankom (%)	2129	3.891	0.0730	3.986	0.2509	0.1375	49	-0.38	1%	0
003.14	Fat, Crude, Ankom (%)	0948	3.905	0.0500	3.986	0.2509	0.1375	49	-0.32	1%	0
003.14	Fat, Crude, Ankom (%)	0202	3.915	0.0700	3.986	0.2509	0.1375	49	-0.28	1%	0
003.14	Fat, Crude, Ankom (%)	0001	3.921	0.3510	3.986	0.2509	0.1375	49	-0.26	1%	0
003.14	Fat, Crude, Ankom (%)	2445	3.925	0.0900	3.986	0.2509	0.1375	49	-0.24	1%	0
003.14	Fat, Crude, Ankom (%)	0089	3.930	0.0200	3.986	0.2509	0.1375	49	-0.22	1%	0
003.14	Fat, Crude, Ankom (%)	0968	3.935	0.1500	3.986	0.2509	0.1375	49	-0.20	1%	0
003.14	Fat, Crude, Ankom (%)	0529	3.940	0.2800	3.986	0.2509	0.1375	49	-0.18	1%	0
003.14	Fat, Crude, Ankom (%)	0066	3.945	0.0700	3.986	0.2509	0.1375	49	-0.16	1%	0
003.14	Fat, Crude, Ankom (%)	2302	3.950	0.0400	3.986	0.2509	0.1375	49	-0.14	0%	0
003.14	Fat, Crude, Ankom (%)	0956	4.000	0.2000	3.986	0.2509	0.1375	49	0.06	0%	0
003.14	Fat, Crude, Ankom (%)	0148	4.030	0.2400	3.986	0.2509	0.1375	49	0.18	1%	0
003.14	Fat, Crude, Ankom (%)	0171	4.065	0.0300	3.986	0.2509	0.1375	49	0.32	1%	0
003.14	Fat, Crude, Ankom (%)	0009	4.075	0.0900	3.986	0.2509	0.1375	49	0.36	1%	0
003.14	Fat, Crude, Ankom (%)	0004	4.090	0.0000	3.986	0.2509	0.1375	49	0.42	1%	0
003.14	Fat, Crude, Ankom (%)	0083	4.090	0.0200	3.986	0.2509	0.1375	49	0.42	1%	0
003.14	Fat, Crude, Ankom (%)	2144	4.100	0.2200	3.986	0.2509	0.1375	49	0.46	1%	0
003.14	Fat, Crude, Ankom (%)	0357	4.125	0.0500	3.986	0.2509	0.1375	49	0.56	2%	0
003.14	Fat, Crude, Ankom (%)	0675	4.125	0.0100	3.986	0.2509	0.1375	49	0.56	2%	0
003.14	Fat, Crude, Ankom (%)	0726	4.130	0.0000	3.986	0.2509	0.1375	49	0.58	2%	0
003.14	Fat, Crude, Ankom (%)	0692	4.145	0.3300	3.986	0.2509	0.1375	49	0.64	2%	0
003.14	Fat, Crude, Ankom (%)	0848	4.160	0.1800	3.986	0.2509	0.1375	49	0.70	2%	0
003.14	Fat, Crude, Ankom (%)	0563	4.191	0.0084	3.986	0.2509	0.1375	49	0.82	3%	0
003.14	Fat, Crude, Ankom (%)	0682	4.220	0.0000	3.986	0.2509	0.1375	49	0.93	3%	0
003.14	Fat, Crude, Ankom (%)	2146	4.255	0.0500	3.986	0.2509	0.1375	49	1.07	3%	0
003.14	Fat, Crude, Ankom (%)	0510	4.260	0.0200	3.986	0.2509	0.1375	49	1.09	3%	0
003.14	Fat, Crude, Ankom (%)	0723	4.330	0.1000	3.986	0.2509	0.1375	49	1.37	4%	0
003.14	Fat, Crude, Ankom (%)	0229	4.345	0.0700	3.986	0.2509	0.1375	49	1.43	5%	0
003.14	Fat, Crude, Ankom (%)	0183	4.475	0.3890	3.986	0.2509	0.1375	49	1.95	6%	0
003.14	Fat, Crude, Ankom (%)	0278	4.500	0.2000	3.986	0.2509	0.1375	49	2.05	6%	0

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			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
003.14	Fat, Crude, Ankom (%)	0226	4.620	0.3200	3.986	0.2509	0.1375	49	2.53	8%	0
003.14	Fat, Crude, Ankom (%)	0190	4.950	0.0400	3.986	0.2509	0.1375	49	3.84	12%	0
003.14	Fat, Crude, Ankom (%)	2076	5.460	2.780	3.986	0.2509	0.1375	49	5.88	18%	1
003.99	Fat, Crude, Miscellaneous (%)	0880	2.500	0.8000	9.029	9.674	0.5775	4			0
003.99	Fat, Crude, Miscellaneous (%)	0536	4.230	0.1000	9.029	9.674	0.5775	4			0
003.99	Fat, Crude, Miscellaneous (%)	0546	6.005	0.0900	9.029	9.674	0.5775	4			0
003.99	Fat, Crude, Miscellaneous (%)	1019	23.38	1.320	9.029	9.674	0.5775	4			0
004.00	Fiber, Crude, Asbestos Free (%)	2359	5.250	0.3000	6.079	0.8174	0.3258	10	-1.01	7%	0
004.00	Fiber, Crude, Asbestos Free (%)	0169	5.590	0.3600	6.079	0.8174	0.3258	10	-0.60	4%	0
004.00	Fiber, Crude, Asbestos Free (%)	0164	5.650	0.5000	6.079	0.8174	0.3258	10	-0.52	4%	0
004.00	Fiber, Crude, Asbestos Free (%)	0186	5.655	0.0900	6.079	0.8174	0.3258	10	-0.52	3%	0
004.00	Fiber, Crude, Asbestos Free (%)	2326	5.725	0.8700	6.079	0.8174	0.3258	10	-0.43	3%	0
004.00	Fiber, Crude, Asbestos Free (%)	2146	5.750	0.0400	6.079	0.8174	0.3258	10	-0.40	3%	0
004.00	Fiber, Crude, Asbestos Free (%)	0345	6.100	0.4000	6.079	0.8174	0.3258	10	0.03	0%	0
004.00	Fiber, Crude, Asbestos Free (%)	0171	6.460	0.0400	6.079	0.8174	0.3258	10	0.47	3%	0
004.00	Fiber, Crude, Asbestos Free (%)	2076	7.609	0.5970	6.079	0.8174	0.3258	10	1.87	13%	0
004.00	Fiber, Crude, Asbestos Free (%)	0884	7.800	0.2000	6.079	0.8174	0.3258	10	2.11	14%	0
004.03	Fiber, Crude, Fritted Glass (%)	2089	4.000	0.5600	6.437	2.646	0.2875	5			0
004.03	Fiber, Crude, Fritted Glass (%)	0921	4.870	0.0000	6.437	2.646	0.2875	5			0
004.03	Fiber, Crude, Fritted Glass (%)	0353	5.420	0.3000	6.437	2.646	0.2875	5			0
004.03	Fiber, Crude, Fritted Glass (%)	2192	7.220	0.0600	6.437	2.646	0.2875	5			0
004.03	Fiber, Crude, Fritted Glass (%)	2246	10.68	0.2300	6.437	2.646	0.2875	5			0
004.06	Fiber, Crude, Fibertec (%)	2199	3.210	0.0200	5.570	0.6630	0.2205	18	-3.56	21%	0
004.06	Fiber, Crude, Fibertec (%)	2200	3.250	0.7000	5.570	0.6630	0.2205	18	-3.50	21%	0
004.06	Fiber, Crude, Fibertec (%)	2319	4.900	0.0000	5.570	0.6630	0.2205	18	-1.01	6%	0
004.06	Fiber, Crude, Fibertec (%)	0968	4.910	0.2000	5.570	0.6630	0.2205	18	-1.00	6%	0
004.06	Fiber, Crude, Fibertec (%)	0038	5.040	0.0400	5.570	0.6630	0.2205	18	-0.80	5%	0
004.06	Fiber, Crude, Fibertec (%)	0948	5.420	0.0800	5.570	0.6630	0.2205	18	-0.23	1%	0
004.06	Fiber, Crude, Fibertec (%)	0610	5.505	0.6900	5.570	0.6630	0.2205	18	-0.10	1%	0
004.06	Fiber, Crude, Fibertec (%)	2325	5.545	0.0700	5.570	0.6630	0.2205	18	-0.04	0%	0
004.06	Fiber, Crude, Fibertec (%)	2006	5.575	0.6500	5.570	0.6630	0.2205	18	0.01	0%	0
004.06	Fiber, Crude, Fibertec (%)	0964	5.635	0.1300	5.570	0.6630	0.2205	18	0.10	1%	0
004.06	Fiber, Crude, Fibertec (%)	0674	5.660	0.0000	5.570	0.6630	0.2205	18	0.14	1%	0
004.06	Fiber, Crude, Fibertec (%)	0098	5.745	0.3500	5.570	0.6630	0.2205	18	0.26	2%	0
004.06	Fiber, Crude, Fibertec (%)	2188	5.770	0.0000	5.570	0.6630	0.2205	18	0.30	2%	0
004.06	Fiber, Crude, Fibertec (%)	0941	6.180	0.1200	5.570	0.6630	0.2205	18	0.92	5%	0
004.06	Fiber, Crude, Fibertec (%)	2097	6.256	0.0043	5.570	0.6630	0.2205	18	1.03	6%	0
004.06	Fiber, Crude, Fibertec (%)	0685	6.260	0.1400	5.570	0.6630	0.2205	18	1.04	6%	0
004.06	Fiber, Crude, Fibertec (%)	0027	6.313	0.1490	5.570	0.6630	0.2205	18	1.12	7%	0
004.06	Fiber, Crude, Fibertec (%)	2349	6.400	0.0000	5.570	0.6630	0.2205	18	1.25	7%	0
004.07	Fiber, Crude, ANKOM (%)	0708	3.145	0.0700	5.764	0.7156	0.2487	79	-3.66	23%	0
004.07	Fiber, Crude, ANKOM (%)	0026	4.500	0.2000	5.764	0.7156	0.2487	79	-1.77	11%	0

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004.07	Fiber, Crude, ANKOM (%)	2193	4.600	0.0800	5.764	0.7156	0.2487	79	-1.63	10%	0
004.07	Fiber, Crude, ANKOM (%)	0510	4.750	0.1000	5.764	0.7156	0.2487	79	-1.42	9%	0
004.07	Fiber, Crude, ANKOM (%)	0278	4.800	0.2000	5.764	0.7156	0.2487	79	-1.35	8%	0
004.07	Fiber, Crude, ANKOM (%)	0294	4.815	0.1700	5.764	0.7156	0.2487	79	-1.33	8%	0
004.07	Fiber, Crude, ANKOM (%)	0505	4.860	0.0400	5.764	0.7156	0.2487	79	-1.26	8%	0
004.07	Fiber, Crude, ANKOM (%)	0366	4.900	0.2000	5.764	0.7156	0.2487	79	-1.21	7%	0
004.07	Fiber, Crude, ANKOM (%)	0354	4.930	0.5200	5.764	0.7156	0.2487	79	-1.17	7%	0
004.07	Fiber, Crude, ANKOM (%)	2434	4.940	0.1000	5.764	0.7156	0.2487	79	-1.15	7%	0
004.07	Fiber, Crude, ANKOM (%)	0968	4.945	0.0900	5.764	0.7156	0.2487	79	-1.14	7%	0
004.07	Fiber, Crude, ANKOM (%)	0644	4.995	0.0470	5.764	0.7156	0.2487	79	-1.08	7%	0
004.07	Fiber, Crude, ANKOM (%)	0144	5.015	0.1300	5.764	0.7156	0.2487	79	-1.05	6%	0
004.07	Fiber, Crude, ANKOM (%)	2392	5.025	0.0300	5.764	0.7156	0.2487	79	-1.03	6%	0
004.07	Fiber, Crude, ANKOM (%)	0956	5.050	0.1000	5.764	0.7156	0.2487	79	-1.00	6%	0
004.07	Fiber, Crude, ANKOM (%)	0202	5.125	0.4700	5.764	0.7156	0.2487	79	-0.89	6%	0
004.07	Fiber, Crude, ANKOM (%)	2325	5.220	0.0400	5.764	0.7156	0.2487	79	-0.76	5%	0
004.07	Fiber, Crude, ANKOM (%)	2188	5.250	0.0000	5.764	0.7156	0.2487	79	-0.72	4%	0
004.07	Fiber, Crude, ANKOM (%)	0656	5.260	0.0000	5.764	0.7156	0.2487	79	-0.70	4%	0
004.07	Fiber, Crude, ANKOM (%)	2446	5.323	0.0900	5.764	0.7156	0.2487	79	-0.62	4%	0
004.07	Fiber, Crude, ANKOM (%)	0948	5.345	0.1500	5.764	0.7156	0.2487	79	-0.59	4%	0
004.07	Fiber, Crude, ANKOM (%)	0870	5.358	0.1754	5.764	0.7156	0.2487	79	-0.57	4%	0
004.07	Fiber, Crude, ANKOM (%)	0028	5.400	0.2000	5.764	0.7156	0.2487	79	-0.51	3%	0
004.07	Fiber, Crude, ANKOM (%)	0682	5.400	0.0000	5.764	0.7156	0.2487	79	-0.51	3%	0
004.07	Fiber, Crude, ANKOM (%)	0726	5.400	0.0400	5.764	0.7156	0.2487	79	-0.51	3%	0
004.07	Fiber, Crude, ANKOM (%)	0848	5.420	0.0600	5.764	0.7156	0.2487	79	-0.48	3%	0
004.07	Fiber, Crude, ANKOM (%)	0004	5.430	0.0400	5.764	0.7156	0.2487	79	-0.47	3%	0
004.07	Fiber, Crude, ANKOM (%)	0098	5.455	0.1300	5.764	0.7156	0.2487	79	-0.43	3%	0
004.07	Fiber, Crude, ANKOM (%)	0263	5.465	0.0980	5.764	0.7156	0.2487	79	-0.42	3%	0
004.07	Fiber, Crude, ANKOM (%)	2445	5.500	0.1000	5.764	0.7156	0.2487	79	-0.37	2%	0
004.07	Fiber, Crude, ANKOM (%)	0885	5.510	0.1899	5.764	0.7156	0.2487	79	-0.35	2%	0
004.07	Fiber, Crude, ANKOM (%)	2345	5.575	1.370	5.764	0.7156	0.2487	79	-0.26	2%	0
004.07	Fiber, Crude, ANKOM (%)	0723	5.585	0.0100	5.764	0.7156	0.2487	79	-0.25	2%	0
004.07	Fiber, Crude, ANKOM (%)	0622	5.608	0.1176	5.764	0.7156	0.2487	79	-0.22	1%	0
004.07	Fiber, Crude, ANKOM (%)	0123	5.620	0.3200	5.764	0.7156	0.2487	79	-0.20	1%	0
004.07	Fiber, Crude, ANKOM (%)	0692	5.650	0.7000	5.764	0.7156	0.2487	79	-0.16	1%	0
004.07	Fiber, Crude, ANKOM (%)	2146	5.685	0.1700	5.764	0.7156	0.2487	79	-0.11	1%	0
004.07	Fiber, Crude, ANKOM (%)	0009	5.745	0.5300	5.764	0.7156	0.2487	79	-0.03	0%	0
004.07	Fiber, Crude, ANKOM (%)	0019	5.750	0.2000	5.764	0.7156	0.2487	79	-0.02	0%	0
004.07	Fiber, Crude, ANKOM (%)	2337	5.750	0.2600	5.764	0.7156	0.2487	79	-0.02	0%	0
004.07	Fiber, Crude, ANKOM (%)	2009	5.751	0.0026	5.764	0.7156	0.2487	79	-0.02	0%	0
004.07	Fiber, Crude, ANKOM (%)	0914	5.800	0.4000	5.764	0.7156	0.2487	79	0.05	0%	0
004.07	Fiber, Crude, ANKOM (%)	2196	5.800	0.0000	5.764	0.7156	0.2487	79	0.05	0%	0
004.07	Fiber, Crude, ANKOM (%)	0100	5.820	0.0400	5.764	0.7156	0.2487	79	0.08	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
004.07	Fiber, Crude, ANKOM (%)	0074	5.860	0.4600	5.764	0.7156	0.2487	79	0.13	1%	0
004.07	Fiber, Crude, ANKOM (%)	2302	5.860	0.9000	5.764	0.7156	0.2487	79	0.13	1%	0
004.07	Fiber, Crude, ANKOM (%)	0675	5.865	0.0900	5.764	0.7156	0.2487	79	0.14	1%	0
004.07	Fiber, Crude, ANKOM (%)	0011	5.900	0.2000	5.764	0.7156	0.2487	79	0.19	1%	0
004.07	Fiber, Crude, ANKOM (%)	2144	5.915	0.0500	5.764	0.7156	0.2487	79	0.21	1%	0
004.07	Fiber, Crude, ANKOM (%)	0589	5.980	0.1400	5.764	0.7156	0.2487	79	0.30	2%	0
004.07	Fiber, Crude, ANKOM (%)	0407	5.999	0.2559	5.764	0.7156	0.2487	79	0.33	2%	0
004.07	Fiber, Crude, ANKOM (%)	0035	6.030	0.0200	5.764	0.7156	0.2487	79	0.37	2%	0
004.07	Fiber, Crude, ANKOM (%)	0083	6.065	0.0900	5.764	0.7156	0.2487	79	0.42	3%	0
004.07	Fiber, Crude, ANKOM (%)	0939	6.080	0.6000	5.764	0.7156	0.2487	79	0.44	3%	0
004.07	Fiber, Crude, ANKOM (%)	0242	6.100	0.2600	5.764	0.7156	0.2487	79	0.47	3%	0
004.07	Fiber, Crude, ANKOM (%)	0003	6.140	1.000	5.764	0.7156	0.2487	79	0.53	3%	0
004.07	Fiber, Crude, ANKOM (%)	2190	6.205	0.1900	5.764	0.7156	0.2487	79	0.62	4%	0
004.07	Fiber, Crude, ANKOM (%)	0529	6.220	0.5600	5.764	0.7156	0.2487	79	0.64	4%	0
004.07	Fiber, Crude, ANKOM (%)	0536	6.230	0.9000	5.764	0.7156	0.2487	79	0.65	4%	0
004.07	Fiber, Crude, ANKOM (%)	0563	6.232	0.2397	5.764	0.7156	0.2487	79	0.65	4%	0
004.07	Fiber, Crude, ANKOM (%)	0034	6.250	0.0600	5.764	0.7156	0.2487	79	0.68	4%	0
004.07	Fiber, Crude, ANKOM (%)	0910	6.250	1.700	5.764	0.7156	0.2487	79	0.68	4%	0
004.07	Fiber, Crude, ANKOM (%)	0042	6.290	0.7400	5.764	0.7156	0.2487	79	0.74	5%	0
004.07	Fiber, Crude, ANKOM (%)	0643	6.365	0.0910	5.764	0.7156	0.2487	79	0.84	5%	0
004.07	Fiber, Crude, ANKOM (%)	0229	6.380	0.8200	5.764	0.7156	0.2487	79	0.86	5%	0
004.07	Fiber, Crude, ANKOM (%)	0581	6.450	0.7000	5.764	0.7156	0.2487	79	0.96	6%	0
004.07	Fiber, Crude, ANKOM (%)	2259	6.462	0.0320	5.764	0.7156	0.2487	79	0.98	6%	0
004.07	Fiber, Crude, ANKOM (%)	0693	6.470	0.7460	5.764	0.7156	0.2487	79	0.99	6%	0
004.07	Fiber, Crude, ANKOM (%)	0089	6.580	0.0200	5.764	0.7156	0.2487	79	1.14	7%	0
004.07	Fiber, Crude, ANKOM (%)	2195	6.610	0.0200	5.764	0.7156	0.2487	79	1.18	7%	0
004.07	Fiber, Crude, ANKOM (%)	0646	6.800	0.1000	5.764	0.7156	0.2487	79	1.45	9%	0
004.07	Fiber, Crude, ANKOM (%)	0504	6.810	0.1600	5.764	0.7156	0.2487	79	1.46	9%	0
004.07	Fiber, Crude, ANKOM (%)	0190	6.850	0.1000	5.764	0.7156	0.2487	79	1.52	9%	0
004.07	Fiber, Crude, ANKOM (%)	0226	6.900	0.0800	5.764	0.7156	0.2487	79	1.59	10%	0
004.07	Fiber, Crude, ANKOM (%)	2109	7.150	1.080	5.764	0.7156	0.2487	79	1.94	12%	0
004.07	Fiber, Crude, ANKOM (%)	0598	7.160	0.3400	5.764	0.7156	0.2487	79	1.95	12%	0
004.07	Fiber, Crude, ANKOM (%)	0626	7.176	0.4840	5.764	0.7156	0.2487	79	1.97	12%	0
004.07	Fiber, Crude, ANKOM (%)	0045	7.265	0.6100	5.764	0.7156	0.2487	79	2.10	13%	0
004.07	Fiber, Crude, ANKOM (%)	0511	7.500	0.8000	5.764	0.7156	0.2487	79	2.43	15%	0
004.07	Fiber, Crude, ANKOM (%)	2433	9.745	3.710	5.764	0.7156	0.2487	79	5.56	35%	1
004.11	Fiber, Crude, NIR (%)	0885	3.785	0.0900				1			0
004.99	Fiber, Crude, Miscellaneous (%)	2144	5.750	0.0400				2			0
004.99	Fiber, Crude, Miscellaneous (%)	2129	6.932	0.6470				2			0
005.00	Ash, 2h @ 600°C (%)	2184	8.080	0.1600	8.661	0.2022	0.0753	89	-2.87	3%	0
005.00	Ash, 2h @ 600°C (%)	0953	8.270	0.2800	8.661	0.2022	0.0753	89	-1.93	2%	0
005.00	Ash, 2h @ 600°C (%)	0278	8.280	0.0800	8.661	0.2022	0.0753	89	-1.88	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	
005.00	Ash, 2h @ 600°C (%)	0169	8.325	0.0100	8.661	0.2022	0.0753	89	-1.66	2%	0
005.00	Ash, 2h @ 600°C (%)	0089	8.360	0.0000	8.661	0.2022	0.0753	89	-1.49	2%	0
005.00	Ash, 2h @ 600°C (%)	2188	8.360	0.0000	8.661	0.2022	0.0753	89	-1.49	2%	0
005.00	Ash, 2h @ 600°C (%)	0622	8.378	0.0824	8.661	0.2022	0.0753	89	-1.40	2%	0
005.00	Ash, 2h @ 600°C (%)	0004	8.400	0.0600	8.661	0.2022	0.0753	89	-1.29	2%	0
005.00	Ash, 2h @ 600°C (%)	0956	8.400	0.4000	8.661	0.2022	0.0753	89	-1.29	2%	0
005.00	Ash, 2h @ 600°C (%)	2359	8.400	0.0000	8.661	0.2022	0.0753	89	-1.29	2%	0
005.00	Ash, 2h @ 600°C (%)	0574	8.435	0.0100	8.661	0.2022	0.0753	89	-1.12	1%	0
005.00	Ash, 2h @ 600°C (%)	0186	8.436	0.0845	8.661	0.2022	0.0753	89	-1.11	1%	0
005.00	Ash, 2h @ 600°C (%)	0682	8.440	0.0000	8.661	0.2022	0.0753	89	-1.09	1%	0
005.00	Ash, 2h @ 600°C (%)	0357	8.450	0.1000	8.661	0.2022	0.0753	89	-1.04	1%	0
005.00	Ash, 2h @ 600°C (%)	0366	8.450	0.3000	8.661	0.2022	0.0753	89	-1.04	1%	0
005.00	Ash, 2h @ 600°C (%)	2434	8.450	0.0000	8.661	0.2022	0.0753	89	-1.04	1%	0
005.00	Ash, 2h @ 600°C (%)	0027	8.469	0.0080	8.661	0.2022	0.0753	89	-0.95	1%	0
005.00	Ash, 2h @ 600°C (%)	0358	8.470	0.0800	8.661	0.2022	0.0753	89	-0.94	1%	0
005.00	Ash, 2h @ 600°C (%)	2199	8.470	0.0200	8.661	0.2022	0.0753	89	-0.94	1%	0
005.00	Ash, 2h @ 600°C (%)	0651	8.476	0.1720	8.661	0.2022	0.0753	89	-0.91	1%	0
005.00	Ash, 2h @ 600°C (%)	0011	8.500	0.0200	8.661	0.2022	0.0753	89	-0.79	1%	0
005.00	Ash, 2h @ 600°C (%)	0650	8.500	0.0600	8.661	0.2022	0.0753	89	-0.79	1%	0
005.00	Ash, 2h @ 600°C (%)	2325	8.500	0.0000	8.661	0.2022	0.0753	89	-0.79	1%	0
005.00	Ash, 2h @ 600°C (%)	0539	8.510	0.0200	8.661	0.2022	0.0753	89	-0.74	1%	0
005.00	Ash, 2h @ 600°C (%)	0042	8.520	0.0200	8.661	0.2022	0.0753	89	-0.70	1%	0
005.00	Ash, 2h @ 600°C (%)	2200	8.525	0.1500	8.661	0.2022	0.0753	89	-0.67	1%	0
005.00	Ash, 2h @ 600°C (%)	0353	8.545	0.1100	8.661	0.2022	0.0753	89	-0.57	1%	0
005.00	Ash, 2h @ 600°C (%)	2302	8.555	0.0500	8.661	0.2022	0.0753	89	-0.52	1%	0
005.00	Ash, 2h @ 600°C (%)	0407	8.557	0.0384	8.661	0.2022	0.0753	89	-0.51	1%	0
005.00	Ash, 2h @ 600°C (%)	0505	8.580	0.0000	8.661	0.2022	0.0753	89	-0.40	0%	0
005.00	Ash, 2h @ 600°C (%)	2349	8.580	0.0000	8.661	0.2022	0.0753	89	-0.40	0%	0
005.00	Ash, 2h @ 600°C (%)	2268	8.585	0.2100	8.661	0.2022	0.0753	89	-0.37	0%	0
005.00	Ash, 2h @ 600°C (%)	0026	8.590	0.0400	8.661	0.2022	0.0753	89	-0.35	0%	0
005.00	Ash, 2h @ 600°C (%)	0164	8.600	0.3000	8.661	0.2022	0.0753	89	-0.30	0%	0
005.00	Ash, 2h @ 600°C (%)	0098	8.620	0.1200	8.661	0.2022	0.0753	89	-0.20	0%	0
005.00	Ash, 2h @ 600°C (%)	0598	8.625	0.0300	8.661	0.2022	0.0753	89	-0.18	0%	0
005.00	Ash, 2h @ 600°C (%)	2392	8.625	0.1500	8.661	0.2022	0.0753	89	-0.18	0%	0
005.00	Ash, 2h @ 600°C (%)	2326	8.630	0.2400	8.661	0.2022	0.0753	89	-0.15	0%	0
005.00	Ash, 2h @ 600°C (%)	0870	8.634	0.1712	8.661	0.2022	0.0753	89	-0.13	0%	0
005.00	Ash, 2h @ 600°C (%)	0646	8.655	0.0900	8.661	0.2022	0.0753	89	-0.03	0%	0
005.00	Ash, 2h @ 600°C (%)	0038	8.670	0.0000	8.661	0.2022	0.0753	89	0.05	0%	0
005.00	Ash, 2h @ 600°C (%)	0541	8.670	0.0200	8.661	0.2022	0.0753	89	0.05	0%	0
005.00	Ash, 2h @ 600°C (%)	2445	8.675	0.0500	8.661	0.2022	0.0753	89	0.07	0%	0
005.00	Ash, 2h @ 600°C (%)	0148	8.680	0.1600	8.661	0.2022	0.0753	89	0.10	0%	0
005.00	Ash, 2h @ 600°C (%)	2196	8.690	0.0000	8.661	0.2022	0.0753	89	0.15	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
005.00	Ash, 2h @ 600°C (%)	0035	8.695	0.0100	8.661	0.2022	0.0753	89	0.17	0%	0
005.00	Ash, 2h @ 600°C (%)	0083	8.695	0.0500	8.661	0.2022	0.0753	89	0.17	0%	0
005.00	Ash, 2h @ 600°C (%)	0853	8.700	0.0000	8.661	0.2022	0.0753	89	0.19	0%	0
005.00	Ash, 2h @ 600°C (%)	0229	8.705	0.0700	8.661	0.2022	0.0753	89	0.22	0%	0
005.00	Ash, 2h @ 600°C (%)	0656	8.710	0.0000	8.661	0.2022	0.0753	89	0.24	0%	0
005.00	Ash, 2h @ 600°C (%)	0123	8.715	0.0100	8.661	0.2022	0.0753	89	0.27	0%	0
005.00	Ash, 2h @ 600°C (%)	0589	8.715	0.1700	8.661	0.2022	0.0753	89	0.27	0%	0
005.00	Ash, 2h @ 600°C (%)	2453	8.717	0.0140	8.661	0.2022	0.0753	89	0.28	0%	0
005.00	Ash, 2h @ 600°C (%)	2150	8.735	0.1100	8.661	0.2022	0.0753	89	0.37	0%	0
005.00	Ash, 2h @ 600°C (%)	2006	8.740	0.1000	8.661	0.2022	0.0753	89	0.39	0%	0
005.00	Ash, 2h @ 600°C (%)	2076	8.740	0.0600	8.661	0.2022	0.0753	89	0.39	0%	0
005.00	Ash, 2h @ 600°C (%)	0618	8.745	0.0034	8.661	0.2022	0.0753	89	0.42	0%	0
005.00	Ash, 2h @ 600°C (%)	0968	8.750	0.0000	8.661	0.2022	0.0753	89	0.44	1%	0
005.00	Ash, 2h @ 600°C (%)	0100	8.760	0.0600	8.661	0.2022	0.0753	89	0.49	1%	0
005.00	Ash, 2h @ 600°C (%)	0563	8.764	0.0393	8.661	0.2022	0.0753	89	0.51	1%	0
005.00	Ash, 2h @ 600°C (%)	0144	8.765	0.0100	8.661	0.2022	0.0753	89	0.52	1%	0
005.00	Ash, 2h @ 600°C (%)	2442	8.765	0.0100	8.661	0.2022	0.0753	89	0.52	1%	0
005.00	Ash, 2h @ 600°C (%)	0675	8.770	0.0200	8.661	0.2022	0.0753	89	0.54	1%	0
005.00	Ash, 2h @ 600°C (%)	0001	8.771	0.1700	8.661	0.2022	0.0753	89	0.55	1%	0
005.00	Ash, 2h @ 600°C (%)	2259	8.775	0.0610	8.661	0.2022	0.0753	89	0.56	1%	0
005.00	Ash, 2h @ 600°C (%)	0723	8.775	0.0100	8.661	0.2022	0.0753	89	0.57	1%	0
005.00	Ash, 2h @ 600°C (%)	0504	8.785	0.0700	8.661	0.2022	0.0753	89	0.62	1%	0
005.00	Ash, 2h @ 600°C (%)	0529	8.785	0.0300	8.661	0.2022	0.0753	89	0.62	1%	0
005.00	Ash, 2h @ 600°C (%)	2193	8.790	0.0200	8.661	0.2022	0.0753	89	0.64	1%	0
005.00	Ash, 2h @ 600°C (%)	0510	8.800	0.0200	8.661	0.2022	0.0753	89	0.69	1%	0
005.00	Ash, 2h @ 600°C (%)	0880	8.800	0.0800	8.661	0.2022	0.0753	89	0.69	1%	0
005.00	Ash, 2h @ 600°C (%)	0171	8.810	0.0600	8.661	0.2022	0.0753	89	0.74	1%	0
005.00	Ash, 2h @ 600°C (%)	2097	8.822	0.0280	8.661	0.2022	0.0753	89	0.80	1%	0
005.00	Ash, 2h @ 600°C (%)	0242	8.830	0.0800	8.661	0.2022	0.0753	89	0.84	1%	0
005.00	Ash, 2h @ 600°C (%)	0297	8.850	0.1200	8.661	0.2022	0.0753	89	0.94	1%	0
005.00	Ash, 2h @ 600°C (%)	0047	8.850	0.1000	8.661	0.2022	0.0753	89	0.94	1%	0
005.00	Ash, 2h @ 600°C (%)	0354	8.852	0.0060	8.661	0.2022	0.0753	89	0.95	1%	0
005.00	Ash, 2h @ 600°C (%)	0848	8.870	0.0200	8.661	0.2022	0.0753	89	1.04	1%	0
005.00	Ash, 2h @ 600°C (%)	2195	8.880	0.0400	8.661	0.2022	0.0753	89	1.09	1%	0
005.00	Ash, 2h @ 600°C (%)	2337	8.885	0.0100	8.661	0.2022	0.0753	89	1.11	1%	0
005.00	Ash, 2h @ 600°C (%)	2433	8.917	0.0063	8.661	0.2022	0.0753	89	1.27	1%	0
005.00	Ash, 2h @ 600°C (%)	0685	8.930	0.1200	8.661	0.2022	0.0753	89	1.33	2%	0
005.00	Ash, 2h @ 600°C (%)	0674	8.950	0.0000	8.661	0.2022	0.0753	89	1.43	2%	0
005.00	Ash, 2h @ 600°C (%)	0345	8.970	0.1400	8.661	0.2022	0.0753	89	1.53	2%	0
005.00	Ash, 2h @ 600°C (%)	2089	9.000	0.0800	8.661	0.2022	0.0753	89	1.68	2%	0
005.00	Ash, 2h @ 600°C (%)	0693	9.021	0.2050	8.661	0.2022	0.0753	89	1.78	2%	0
005.00	Ash, 2h @ 600°C (%)	0948	9.050	0.0400	8.661	0.2022	0.0753	89	1.93	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
005.00	Ash, 2h @ 600°C (%)	2246	9.260	0.0200	8.661	0.2022	0.0753	89	2.96	3%	0
005.00	Ash, 2h @ 600°C (%)	0226	9.310	0.3600	8.661	0.2022	0.0753	89	3.21	4%	0
005.00	Ash, 2h @ 600°C (%)	1019	8.135	0.5700	8.661	0.2022	0.0753	89	-2.60	3%	1
005.00	Ash, 2h @ 600°C (%)	0108	8.575	0.6100	8.661	0.2022	0.0753	89	-0.42	0%	1
005.00	Ash, 2h @ 600°C (%)	0045	8.855	0.7100	8.661	0.2022	0.0753	89	0.96	1%	1
005.02	Ash, LECO (%)	0644	9.002	0.0620				1			0
005.03	Ash, Microwave furnace (%)	0511	8.450	0.3000				1			0
005.05	Ash, 3h @ 550°C (%)	0066	8.525	0.0700	8.895	0.1598	0.0642	26	-2.31	2%	0
005.05	Ash, 3h @ 550°C (%)	0692	8.550	0.1000	8.895	0.1598	0.0642	26	-2.16	2%	0
005.05	Ash, 3h @ 550°C (%)	0726	8.570	0.0000	8.895	0.1598	0.0642	26	-2.03	2%	0
005.05	Ash, 3h @ 550°C (%)	0003	8.615	0.0100	8.895	0.1598	0.0642	26	-1.75	2%	0
005.05	Ash, 3h @ 550°C (%)	2345	8.745	0.0900	8.895	0.1598	0.0642	26	-0.94	1%	0
005.05	Ash, 3h @ 550°C (%)	0263	8.784	0.0060	8.895	0.1598	0.0642	26	-0.69	1%	0
005.05	Ash, 3h @ 550°C (%)	2129	8.824	0.0990	8.895	0.1598	0.0642	26	-0.45	0%	0
005.05	Ash, 3h @ 550°C (%)	0294	8.830	0.0840	8.895	0.1598	0.0642	26	-0.41	0%	0
005.05	Ash, 3h @ 550°C (%)	0596	8.850	0.0200	8.895	0.1598	0.0642	26	-0.28	0%	0
005.05	Ash, 3h @ 550°C (%)	0689	8.855	0.0900	8.895	0.1598	0.0642	26	-0.25	0%	0
005.05	Ash, 3h @ 550°C (%)	0643	8.865	0.0080	8.895	0.1598	0.0642	26	-0.19	0%	0
005.05	Ash, 3h @ 550°C (%)	2442	8.875	0.0100	8.895	0.1598	0.0642	26	-0.12	0%	0
005.05	Ash, 3h @ 550°C (%)	2009	8.885	0.0190	8.895	0.1598	0.0642	26	-0.06	0%	0
005.05	Ash, 3h @ 550°C (%)	2109	8.915	0.1100	8.895	0.1598	0.0642	26	0.13	0%	0
005.05	Ash, 3h @ 550°C (%)	0034	8.960	0.1630	8.895	0.1598	0.0642	26	0.40	0%	0
005.05	Ash, 3h @ 550°C (%)	2144	8.965	0.0700	8.895	0.1598	0.0642	26	0.44	0%	0
005.05	Ash, 3h @ 550°C (%)	0590	8.970	0.0400	8.895	0.1598	0.0642	26	0.47	0%	0
005.05	Ash, 3h @ 550°C (%)	0610	8.975	0.0300	8.895	0.1598	0.0642	26	0.50	0%	0
005.05	Ash, 3h @ 550°C (%)	2146	8.990	0.0400	8.895	0.1598	0.0642	26	0.60	1%	0
005.05	Ash, 3h @ 550°C (%)	0885	8.995	0.0677	8.895	0.1598	0.0642	26	0.62	1%	0
005.05	Ash, 3h @ 550°C (%)	2446	9.010	0.1270	8.895	0.1598	0.0642	26	0.72	1%	0
005.05	Ash, 3h @ 550°C (%)	0939	9.015	0.0500	8.895	0.1598	0.0642	26	0.75	1%	0
005.05	Ash, 3h @ 550°C (%)	2246	9.045	0.0100	8.895	0.1598	0.0642	26	0.94	1%	0
005.05	Ash, 3h @ 550°C (%)	0190	9.060	0.0200	8.895	0.1598	0.0642	26	1.03	1%	0
005.05	Ash, 3h @ 550°C (%)	2192	9.100	0.1800	8.895	0.1598	0.0642	26	1.28	1%	0
005.05	Ash, 3h @ 550°C (%)	2190	9.245	0.1500	8.895	0.1598	0.0642	26	2.19	2%	0
005.11	Ash, NIR (%)	0885	11.07	0.1200				2			0
005.11	Ash, NIR (%)	0297	12.76	0.4200				2			0
005.99	Ash, Miscellaneous (%)	0019	8.300	0.0000	8.898	0.2866	0.0812	11	-2.09	3%	0
005.99	Ash, Miscellaneous (%)	0644	8.436	0.1110	8.898	0.2866	0.0812	11	-1.62	3%	0
005.99	Ash, Miscellaneous (%)	0546	8.735	0.0300	8.898	0.2866	0.0812	11	-0.57	1%	0
005.99	Ash, Miscellaneous (%)	0536	8.935	0.0900	8.898	0.2866	0.0812	11	0.13	0%	0
005.99	Ash, Miscellaneous (%)	0202	8.940	0.0600	8.898	0.2866	0.0812	11	0.15	0%	0
005.99	Ash, Miscellaneous (%)	0910	8.950	0.1000	8.898	0.2866	0.0812	11	0.18	0%	0
005.99	Ash, Miscellaneous (%)	2319	8.950	0.1000	8.898	0.2866	0.0812	11	0.18	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
005.99	Ash, Miscellaneous (%)	0884	9.000	0.0000	8.898	0.2866	0.0812	11	0.35	1%	0
005.99	Ash, Miscellaneous (%)	0652	9.050	0.1000	8.898	0.2866	0.0812	11	0.53	1%	0
005.99	Ash, Miscellaneous (%)	0914	9.075	0.0700	8.898	0.2866	0.0812	11	0.62	1%	0
005.99	Ash, Miscellaneous (%)	0676	9.310	0.0600	8.898	0.2866	0.0812	11	1.44	2%	0
006.00	Total Sugars, As sucrose (%)	0910	4.070	0.0400				2			0
006.00	Total Sugars, As sucrose (%)	0407	5.189	0.0610				2			0
006.99	Total Sugars, Miscellaneous (%)	0226	3.270	0.3000				3			0
006.99	Total Sugars, Miscellaneous (%)	0610	4.955	0.0700				3			0
006.99	Total Sugars, Miscellaneous (%)	0956	6.200	0.0000				3			0
008.02	Fiber, Acid Detergent, Crucible (%)	0345	6.550	0.5000	9.186	1.891	0.3450	11	-1.39	14%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0674	6.800	0.0000	9.186	1.891	0.3450	11	-1.26	13%	0
008.02	Fiber, Acid Detergent, Crucible (%)	2089	7.990	0.2400	9.186	1.891	0.3450	11	-0.63	7%	0
008.02	Fiber, Acid Detergent, Crucible (%)	2246	8.130	0.0800	9.186	1.891	0.3450	11	-0.56	6%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0948	8.950	0.1000	9.186	1.891	0.3450	11	-0.12	1%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0353	9.100	0.1400	9.186	1.891	0.3450	11	-0.05	0%	0
008.02	Fiber, Acid Detergent, Crucible (%)	2192	10.07	0.3800	9.186	1.891	0.3450	11	0.47	5%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0098	10.56	0.8500	9.186	1.891	0.3450	11	0.72	7%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0226	10.61	0.2500	9.186	1.891	0.3450	11	0.75	8%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0148	10.86	0.0500	9.186	1.891	0.3450	11	0.88	9%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0964	11.44	1.228	9.186	1.891	0.3450	11	1.19	12%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2392	6.765	0.2100	10.58	2.055	0.2798	46	-1.85	18%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0723	6.965	0.3500	10.58	2.055	0.2798	46	-1.76	17%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2129	7.090	0.0420	10.58	2.055	0.2798	46	-1.70	16%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0596	7.460	0.4400	10.58	2.055	0.2798	46	-1.52	15%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0968	7.790	0.0400	10.58	2.055	0.2798	46	-1.36	13%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2445	8.250	0.0600	10.58	2.055	0.2798	46	-1.13	11%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0956	8.350	0.1000	10.58	2.055	0.2798	46	-1.08	11%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0354	8.540	0.2000	10.58	2.055	0.2798	46	-0.99	10%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0848	8.800	0.2200	10.58	2.055	0.2798	46	-0.86	8%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0948	8.905	0.2300	10.58	2.055	0.2798	46	-0.81	8%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0885	8.905	0.4448	10.58	2.055	0.2798	46	-0.81	8%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0190	9.185	0.0700	10.58	2.055	0.2798	46	-0.68	7%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0297	9.200	0.8000	10.58	2.055	0.2798	46	-0.67	7%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0656	9.310	0.0000	10.58	2.055	0.2798	46	-0.62	6%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2375	9.340	0.0400	10.58	2.055	0.2798	46	-0.60	6%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0675	9.535	0.0900	10.58	2.055	0.2798	46	-0.51	5%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2302	9.695	0.3700	10.58	2.055	0.2798	46	-0.43	4%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0278	10.05	1.500	10.58	2.055	0.2798	46	-0.26	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0939	10.17	0.5000	10.58	2.055	0.2798	46	-0.20	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0510	10.60	0.2000	10.58	2.055	0.2798	46	0.01	0%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0870	10.74	0.2587	10.58	2.055	0.2798	46	0.08	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0407	10.74	0.7167	10.58	2.055	0.2798	46	0.08	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	
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0004	10.93	0.3500	10.58	2.055	0.2798	46	0.17	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0148	10.95	0.0200	10.58	2.055	0.2798	46	0.18	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0083	11.05	0.0100	10.58	2.055	0.2798	46	0.23	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0910	11.11	0.0300	10.58	2.055	0.2798	46	0.26	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0366	11.25	0.9000	10.58	2.055	0.2798	46	0.33	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2146	11.30	0.2300	10.58	2.055	0.2798	46	0.35	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0357	11.30	0.1200	10.58	2.055	0.2798	46	0.35	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2196	11.35	0.0000	10.58	2.055	0.2798	46	0.38	4%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0042	11.40	0.6000	10.58	2.055	0.2798	46	0.40	4%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2190	11.41	0.0200	10.58	2.055	0.2798	46	0.41	4%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0294	11.68	0.6980	10.58	2.055	0.2798	46	0.54	5%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0263	11.70	0.0220	10.58	2.055	0.2798	46	0.54	5%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0504	11.74	0.1400	10.58	2.055	0.2798	46	0.57	6%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0035	11.92	0.2800	10.58	2.055	0.2798	46	0.65	6%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0001	11.93	0.2570	10.58	2.055	0.2798	46	0.66	6%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0581	12.20	0.5100	10.58	2.055	0.2798	46	0.79	8%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0693	12.24	0.0490	10.58	2.055	0.2798	46	0.81	8%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0646	12.76	0.1200	10.58	2.055	0.2798	46	1.06	10%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0037	12.89	0.3000	10.58	2.055	0.2798	46	1.13	11%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0511	12.95	0.5000	10.58	2.055	0.2798	46	1.15	11%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0164	13.45	0.1000	10.58	2.055	0.2798	46	1.40	14%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0726	13.64	0.6900	10.58	2.055	0.2798	46	1.49	14%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2433	14.09	0.0700	10.58	2.055	0.2798	46	1.71	17%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0358	14.30	1.280	10.58	2.055	0.2798	46	1.81	18%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0045	12.10	1.800	10.58	2.055	0.2798	46	0.74	7%	1
008.99	Fiber, Acid Detergent, Miscellaneous (%)	0610	9.115	0.4700				3			0
008.99	Fiber, Acid Detergent, Miscellaneous (%)	0941	10.39	0.2500				3			0
008.99	Fiber, Acid Detergent, Miscellaneous (%)	0027	10.49	0.0700				3			0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat	0345	10.43	0.7500	15.59	2.198	0.4291	11	-2.35	17%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat	0353	13.52	0.2200	15.59	2.198	0.4291	11	-0.94	7%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat	0098	13.85	0.9000	15.59	2.198	0.4291	11	-0.79	6%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat	0948	14.74	0.2800	15.59	2.198	0.4291	11	-0.39	3%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat	0964	14.95	0.7910	15.59	2.198	0.4291	11	-0.29	2%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat	2192	15.92	0.2900	15.59	2.198	0.4291	11	0.15	1%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat	2089	16.02	0.1800	15.59	2.198	0.4291	11	0.20	1%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat	0610	16.50	0.6000	15.59	2.198	0.4291	11	0.42	3%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat	0226	17.19	0.0300	15.59	2.198	0.4291	11	0.73	5%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat	2246	17.75	0.2500	15.59	2.198	0.4291	11	0.98	7%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat	0674	18.74	0.0000	15.59	2.198	0.4291	11	1.43	10%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0726	13.47	1.610	17.16	2.902	0.7724	44	-1.28	11%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0596	13.77	0.1300	17.16	2.902	0.7724	44	-1.17	10%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0885	13.80	0.2883	17.16	2.902	0.7724	44	-1.16	10%	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 (	0656	14.22	0.0000	17.16	2.902	0.7724	44	-1.01	9%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0948	14.25	0.0300	17.16	2.902	0.7724	44	-1.01	9%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0510	14.40	0.2000	17.16	2.902	0.7724	44	-0.95	8%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0848	14.47	0.3900	17.16	2.902	0.7724	44	-0.93	8%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0598	14.61	0.7800	17.16	2.902	0.7724	44	-0.88	7%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0278	14.90	1.800	17.16	2.902	0.7724	44	-0.78	7%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	2302	15.06	1.520	17.16	2.902	0.7724	44	-0.73	6%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	2129	15.09	0.6250	17.16	2.902	0.7724	44	-0.72	6%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	2375	15.11	0.7600	17.16	2.902	0.7724	44	-0.71	6%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0263	15.20	0.2450	17.16	2.902	0.7724	44	-0.68	6%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0870	15.26	0.1295	17.16	2.902	0.7724	44	-0.66	6%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0148	15.56	0.9200	17.16	2.902	0.7724	44	-0.55	5%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0939	15.65	1.030	17.16	2.902	0.7724	44	-0.52	4%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0035	15.68	0.3700	17.16	2.902	0.7724	44	-0.51	4%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0358	16.09	0.4200	17.16	2.902	0.7724	44	-0.37	3%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	2392	16.21	0.0600	17.16	2.902	0.7724	44	-0.33	3%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0357	16.27	0.3600	17.16	2.902	0.7724	44	-0.31	3%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0956	16.60	0.4000	17.16	2.902	0.7724	44	-0.19	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	2190	16.63	0.4200	17.16	2.902	0.7724	44	-0.18	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	2196	16.66	0.0000	17.16	2.902	0.7724	44	-0.17	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0297	16.80	1.200	17.16	2.902	0.7724	44	-0.13	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0294	16.89	0.5830	17.16	2.902	0.7724	44	-0.10	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0045	16.95	2.300	17.16	2.902	0.7724	44	-0.07	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0723	17.07	0.0400	17.16	2.902	0.7724	44	-0.03	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0354	17.31	0.8600	17.16	2.902	0.7724	44	0.05	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0164	17.35	0.1000	17.16	2.902	0.7724	44	0.06	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0037	17.97	0.7100	17.16	2.902	0.7724	44	0.28	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0693	18.32	1.222	17.16	2.902	0.7724	44	0.40	3%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0968	18.50	0.1000	17.16	2.902	0.7724	44	0.46	4%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0581	18.66	1.120	17.16	2.902	0.7724	44	0.52	4%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	2146	19.70	0.9000	17.16	2.902	0.7724	44	0.87	7%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0504	19.99	1.770	17.16	2.902	0.7724	44	0.97	8%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	2445	20.19	0.6700	17.16	2.902	0.7724	44	1.04	9%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0083	20.29	0.8300	17.16	2.902	0.7724	44	1.08	9%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0536	21.25	1.540	17.16	2.902	0.7724	44	1.41	12%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0646	21.66	2.370	17.16	2.902	0.7724	44	1.55	13%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0407	21.72	1.146	17.16	2.902	0.7724	44	1.57	13%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0366	21.95	1.100	17.16	2.902	0.7724	44	1.65	14%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	2433	22.44	0.8600	17.16	2.902	0.7724	44	1.82	15%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0675	22.73	0.3900	17.16	2.902	0.7724	44	1.92	16%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0190	24.48	1.600	17.16	2.902	0.7724	44	2.52	21%	0
009.99	Fiber, Neutral Detergent, Miscellaneous (%)	0941	20.01	0.2400				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			
010.03	Moisture, Karl-Fischer (%)	0843	6.455	0.0700				2			0
010.03	Moisture, Karl-Fischer (%)	0164	7.415	0.0100				2			0
010.11	Moisture, NIR (%)	0885	8.245	0.0300				1			0
010.99	Moisture, Miscellaneous (%)	2089	7.285	0.0900	7.923	0.3335	0.1029	16	-1.91	4%	0
010.99	Moisture, Miscellaneous (%)	0546	7.330	0.0400	7.923	0.3335	0.1029	16	-1.78	4%	0
010.99	Moisture, Miscellaneous (%)	2375	7.610	0.0000	7.923	0.3335	0.1029	16	-0.94	2%	0
010.99	Moisture, Miscellaneous (%)	0939	7.720	0.0400	7.923	0.3335	0.1029	16	-0.61	1%	0
010.99	Moisture, Miscellaneous (%)	0692	7.750	0.1000	7.923	0.3335	0.1029	16	-0.52	1%	0
010.99	Moisture, Miscellaneous (%)	0726	7.805	0.0100	7.923	0.3335	0.1029	16	-0.35	1%	0
010.99	Moisture, Miscellaneous (%)	0622	7.844	0.0196	7.923	0.3335	0.1029	16	-0.24	0%	0
010.99	Moisture, Miscellaneous (%)	0948	7.915	0.0100	7.923	0.3335	0.1029	16	-0.02	0%	0
010.99	Moisture, Miscellaneous (%)	2129	7.933	0.4483	7.923	0.3335	0.1029	16	0.03	0%	0
010.99	Moisture, Miscellaneous (%)	2150	8.040	0.1600	7.923	0.3335	0.1029	16	0.35	1%	0
010.99	Moisture, Miscellaneous (%)	0652	8.100	0.0000	7.923	0.3335	0.1029	16	0.53	1%	0
010.99	Moisture, Miscellaneous (%)	0964	8.109	0.2510	7.923	0.3335	0.1029	16	0.56	1%	0
010.99	Moisture, Miscellaneous (%)	2076	8.180	0.0400	7.923	0.3335	0.1029	16	0.77	2%	0
010.99	Moisture, Miscellaneous (%)	0884	8.200	0.0000	7.923	0.3335	0.1029	16	0.83	2%	0
010.99	Moisture, Miscellaneous (%)	0019	8.290	0.3400	7.923	0.3335	0.1029	16	1.10	2%	0
010.99	Moisture, Miscellaneous (%)	0190	8.475	0.0100	7.923	0.3335	0.1029	16	1.66	3%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0880	6.225	0.2300	8.578	0.3311	0.1023	65	-7.11	14%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0026	6.850	0.0000	8.578	0.3311	0.1023	65	-5.22	10%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0685	7.280	0.0200	8.578	0.3311	0.1023	65	-3.92	8%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0859	7.290	0.0150	8.578	0.3311	0.1023	65	-3.89	8%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2200	7.300	0.0000	8.578	0.3311	0.1023	65	-3.86	7%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0848	7.745	0.0500	8.578	0.3311	0.1023	65	-2.52	5%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2199	7.860	0.5200	8.578	0.3311	0.1023	65	-2.17	4%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0108	7.905	0.0300	8.578	0.3311	0.1023	65	-2.03	4%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2325	7.915	0.0500	8.578	0.3311	0.1023	65	-2.00	4%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0953	8.215	0.0700	8.578	0.3311	0.1023	65	-1.10	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0511	8.240	0.3000	8.578	0.3311	0.1023	65	-1.02	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2188	8.260	0.0000	8.578	0.3311	0.1023	65	-0.96	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0968	8.265	0.0100	8.578	0.3311	0.1023	65	-0.95	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0354	8.280	0.0600	8.578	0.3311	0.1023	65	-0.90	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0098	8.335	0.3100	8.578	0.3311	0.1023	65	-0.74	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2434	8.340	0.0000	8.578	0.3311	0.1023	65	-0.72	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0171	8.370	0.0800	8.578	0.3311	0.1023	65	-0.63	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0723	8.415	0.2300	8.578	0.3311	0.1023	65	-0.49	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0563	8.422	0.0265	8.578	0.3311	0.1023	65	-0.47	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0294	8.455	0.0100	8.578	0.3311	0.1023	65	-0.37	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0598	8.460	0.4200	8.578	0.3311	0.1023	65	-0.36	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0066	8.475	0.0500	8.578	0.3311	0.1023	65	-0.31	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0100	8.490	0.1600	8.578	0.3311	0.1023	65	-0.27	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 (%)	2359	8.500	0.0000	8.578	0.3311	0.1023	65	-0.24	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0263	8.521	0.1670	8.578	0.3311	0.1023	65	-0.18	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0539	8.535	0.0100	8.578	0.3311	0.1023	65	-0.13	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0226	8.565	0.1100	8.578	0.3311	0.1023	65	-0.04	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0643	8.565	0.0300	8.578	0.3311	0.1023	65	-0.04	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2193	8.570	0.1400	8.578	0.3311	0.1023	65	-0.03	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0536	8.575	0.1100	8.578	0.3311	0.1023	65	-0.01	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2433	8.575	0.2300	8.578	0.3311	0.1023	65	-0.01	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0646	8.585	0.1300	8.578	0.3311	0.1023	65	0.02	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0047	8.600	0.4000	8.578	0.3311	0.1023	65	0.06	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2184	8.670	0.1200	8.578	0.3311	0.1023	65	0.28	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2196	8.670	0.0000	8.578	0.3311	0.1023	65	0.28	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2453	8.672	0.1461	8.578	0.3311	0.1023	65	0.28	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0144	8.685	0.0700	8.578	0.3311	0.1023	65	0.32	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2326	8.685	0.0500	8.578	0.3311	0.1023	65	0.32	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0870	8.692	0.0031	8.578	0.3311	0.1023	65	0.34	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2268	8.700	0.0200	8.578	0.3311	0.1023	65	0.37	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0300	8.704	0.0230	8.578	0.3311	0.1023	65	0.38	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0229	8.705	0.4900	8.578	0.3311	0.1023	65	0.38	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0622	8.709	0.0843	8.578	0.3311	0.1023	65	0.39	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0123	8.725	0.0300	8.578	0.3311	0.1023	65	0.44	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0682	8.730	0.0000	8.578	0.3311	0.1023	65	0.46	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2302	8.740	0.0000	8.578	0.3311	0.1023	65	0.49	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2446	8.740	0.0140	8.578	0.3311	0.1023	65	0.49	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0407	8.771	0.0346	8.578	0.3311	0.1023	65	0.58	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0574	8.785	0.0100	8.578	0.3311	0.1023	65	0.62	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0004	8.795	0.0500	8.578	0.3311	0.1023	65	0.65	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0164	8.795	0.2100	8.578	0.3311	0.1023	65	0.65	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0843	8.830	0.1200	8.578	0.3311	0.1023	65	0.76	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2006	8.830	0.2800	8.578	0.3311	0.1023	65	0.76	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0242	8.840	0.1400	8.578	0.3311	0.1023	65	0.79	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0618	8.855	0.1500	8.578	0.3311	0.1023	65	0.84	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0675	8.875	0.0500	8.578	0.3311	0.1023	65	0.90	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0358	8.915	0.0900	8.578	0.3311	0.1023	65	1.02	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0510	8.950	0.1000	8.578	0.3311	0.1023	65	1.12	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2337	8.955	0.0500	8.578	0.3311	0.1023	65	1.14	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0589	8.970	0.0200	8.578	0.3311	0.1023	65	1.18	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2246	8.975	0.0700	8.578	0.3311	0.1023	65	1.20	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0541	9.060	0.2000	8.578	0.3311	0.1023	65	1.45	3%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0202	9.125	0.0900	8.578	0.3311	0.1023	65	1.65	3%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2097	9.204	0.0952	8.578	0.3311	0.1023	65	1.89	4%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0674	9.220	0.0000	8.578	0.3311	0.1023	65	1.94	4%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
011.01	Loss on Drying, HT, 135°C 2hr (%)	2174	8.910	0.7400	8.578	0.3311	0.1023	65	1.00	2%	1
011.01	Loss on Drying, HT, 135°C 2hr (%)	1019	9.215	0.7100	8.578	0.3311	0.1023	65	1.92	4%	1
011.02	Loss on Drying, HT, 130°C for 2 hours (%)	0942	8.385	0.0300				2			0
011.02	Loss on Drying, HT, 130°C for 2 hours (%)	0529	8.680	0.0400				2			0
011.99	Loss on Drying, HT, High Temp. Methods Misc	2174	8.500	0.3000				3			0
011.99	Loss on Drying, HT, High Temp. Methods Misc	2168	8.550	0.0800				3			0
011.99	Loss on Drying, HT, High Temp. Methods Misc	2303	8.596	0.0690				3			0
012.00	Starch, Polarimetric (Ewers) (%)	2446	14.88	0.6600	16.35	1.095	0.1730	11	-1.35	5%	0
012.00	Starch, Polarimetric (Ewers) (%)	0848	14.93	0.3400	16.35	1.095	0.1730	11	-1.30	4%	0
012.00	Starch, Polarimetric (Ewers) (%)	2196	15.78	0.0000	16.35	1.095	0.1730	11	-0.52	2%	0
012.00	Starch, Polarimetric (Ewers) (%)	0610	16.00	0.2000	16.35	1.095	0.1730	11	-0.32	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0164	16.15	0.1000	16.35	1.095	0.1730	11	-0.19	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	2193	16.20	0.0700	16.35	1.095	0.1730	11	-0.14	0%	0
012.00	Starch, Polarimetric (Ewers) (%)	2006	16.64	0.3200	16.35	1.095	0.1730	11	0.26	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0354	16.93	0.0500	16.35	1.095	0.1730	11	0.52	2%	0
012.00	Starch, Polarimetric (Ewers) (%)	2188	17.00	0.0000	16.35	1.095	0.1730	11	0.59	2%	0
012.00	Starch, Polarimetric (Ewers) (%)	0723	17.39	0.0200	16.35	1.095	0.1730	11	0.95	3%	0
012.00	Starch, Polarimetric (Ewers) (%)	2009	18.17	0.0123	16.35	1.095	0.1730	11	1.66	6%	0
012.00	Starch, Polarimetric (Ewers) (%)	0910	14.90	6.000	16.35	1.095	0.1730	11	-1.33	4%	1
012.01	Starch, Enzymatic-Colorimetric Method (Megaz	0910	13.55	2.700	15.17	1.097	0.5286	13	-1.48	5%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megaz	0596	13.67	0.6600	15.17	1.097	0.5286	13	-1.37	5%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megaz	0676	13.85	0.6700	15.17	1.097	0.5286	13	-1.21	4%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megaz	0870	14.96	0.1165	15.17	1.097	0.5286	13	-0.19	1%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megaz	0407	15.00	0.0723	15.17	1.097	0.5286	13	-0.16	1%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megaz	0956	15.25	0.9000	15.17	1.097	0.5286	13	0.07	0%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megaz	0148	15.38	0.5800	15.17	1.097	0.5286	13	0.19	1%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megaz	0366	15.60	0.4000	15.17	1.097	0.5286	13	0.39	1%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megaz	2326	15.65	3.300	15.17	1.097	0.5286	13	0.44	2%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megaz	0693	15.74	0.2580	15.17	1.097	0.5286	13	0.52	2%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megaz	0045	15.75	0.1000	15.17	1.097	0.5286	13	0.53	2%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megaz	0164	16.00	0.6000	15.17	1.097	0.5286	13	0.76	3%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megaz	2089	18.38	0.0500	15.17	1.097	0.5286	13	2.92	11%	0
012.03	Starch, Enzymatic-Colorimetric Method, Miscell	0407	13.26	0.1212				2			0
012.03	Starch, Enzymatic-Colorimetric Method, Miscell	0297	14.52	0.0800				2			0
012.04	Starch, Enzymatic-Enzyme Membrane Technol	0510	14.50	0.2000	15.71	1.064	0.3690	7	-1.14	4%	0
012.04	Starch, Enzymatic-Enzyme Membrane Technol	0278	15.15	0.1000	15.71	1.064	0.3690	7	-0.53	2%	0
012.04	Starch, Enzymatic-Enzyme Membrane Technol	0226	15.16	0.3900	15.71	1.064	0.3690	7	-0.52	2%	0
012.04	Starch, Enzymatic-Enzyme Membrane Technol	2129	15.47	0.1940	15.71	1.064	0.3690	7	-0.23	1%	0
012.04	Starch, Enzymatic-Enzyme Membrane Technol	0098	15.95	0.7000	15.71	1.064	0.3690	7	0.22	1%	0
012.04	Starch, Enzymatic-Enzyme Membrane Technol	0948	16.46	0.6300	15.71	1.064	0.3690	7	0.70	2%	0
012.04	Starch, Enzymatic-Enzyme Membrane Technol	0674	17.30	0.0000	15.71	1.064	0.3690	7	1.49	5%	0
012.11	Starch, NIR (%)	0297	8.300	0.5600				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			
012.20	Starch, Dietary, Enzymatic-Colorimetric (%)	0353	15.18	0.6400				1			0
012.99	Starch, Miscellaneous (%)	2319	14.25	0.1000				2			0
012.99	Starch, Miscellaneous (%)	0066	15.76	0.3900				2			0
013.00	Fat, Pretreat, Acid hydrolysis (%)	0618	4.260	0.1000	6.234	0.6947	0.1677	22	-2.84	16%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	2144	5.440	0.3000	6.234	0.6947	0.1677	22	-1.14	6%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	2146	5.440	0.0000	6.234	0.6947	0.1677	22	-1.14	6%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	0083	5.465	0.0700	6.234	0.6947	0.1677	22	-1.11	6%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	0941	5.755	0.1100	6.234	0.6947	0.1677	22	-0.69	4%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	0689	5.850	0.1000	6.234	0.6947	0.1677	22	-0.55	3%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	0242	5.885	0.1500	6.234	0.6947	0.1677	22	-0.50	3%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	2319	5.900	0.0000	6.234	0.6947	0.1677	22	-0.48	3%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	0297	6.000	0.2600	6.234	0.6947	0.1677	22	-0.34	2%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	2446	6.001	0.2030	6.234	0.6947	0.1677	22	-0.34	2%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	0675	6.065	0.2700	6.234	0.6947	0.1677	22	-0.24	1%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	2076	6.285	0.5100	6.234	0.6947	0.1677	22	0.07	0%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	0650	6.330	0.0000	6.234	0.6947	0.1677	22	0.14	1%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	0884	6.450	0.1000	6.234	0.6947	0.1677	22	0.31	2%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	0948	6.485	0.0500	6.234	0.6947	0.1677	22	0.36	2%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	0652	6.500	0.0000	6.234	0.6947	0.1677	22	0.38	2%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	0541	6.675	0.1300	6.234	0.6947	0.1677	22	0.63	4%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	0035	6.785	0.1100	6.234	0.6947	0.1677	22	0.79	4%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	0202	7.030	1.120	6.234	0.6947	0.1677	22	1.15	6%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	0229	7.070	0.1200	6.234	0.6947	0.1677	22	1.20	7%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	2150	7.395	0.1300	6.234	0.6947	0.1677	22	1.67	9%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	2375	7.620	0.1800	6.234	0.6947	0.1677	22	1.99	11%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	2345	6.825	2.130	6.234	0.6947	0.1677	22	0.85	5%	1
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolysis	0038	5.030	0.3600	6.490	0.5755	0.1728	17	-2.54	11%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolysis	0019	5.755	0.0300	6.490	0.5755	0.1728	17	-1.28	6%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolysis	0682	5.830	0.0000	6.490	0.5755	0.1728	17	-1.15	5%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolysis	0921	5.896	0.2970	6.490	0.5755	0.1728	17	-1.03	5%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolysis	0098	6.130	0.3400	6.490	0.5755	0.1728	17	-0.63	3%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolysis	0563	6.256	0.1694	6.490	0.5755	0.1728	17	-0.41	2%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolysis	0643	6.411	0.0520	6.490	0.5755	0.1728	17	-0.14	1%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolysis	2259	6.471	0.0460	6.490	0.5755	0.1728	17	-0.03	0%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolysis	0914	6.595	0.0700	6.490	0.5755	0.1728	17	0.18	1%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolysis	0171	6.610	0.4800	6.490	0.5755	0.1728	17	0.21	1%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolysis	0407	6.786	0.1530	6.490	0.5755	0.1728	17	0.51	2%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolysis	0870	6.791	0.1346	6.490	0.5755	0.1728	17	0.52	2%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolysis	0148	6.805	0.0900	6.490	0.5755	0.1728	17	0.55	2%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolysis	0853	6.900	0.0000	6.490	0.5755	0.1728	17	0.71	3%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolysis	0164	6.975	0.0300	6.490	0.5755	0.1728	17	0.84	4%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolysis	0656	7.210	0.0000	6.490	0.5755	0.1728	17	1.25	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	
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolysis	0676	7.285	0.2500	6.490	0.5755	0.1728	17	1.38	6%	0
013.08	Fat, Pretreat, Roese-Gottlieb Modified, Alkaline	0618	4.565	0.2500				1			0
013.10	Fat, Pretreat, Soxtec-Acid Hydrolysis (%)	2268	4.175	0.0300	5.873	0.4608	0.1101	9	-3.68	14%	0
013.10	Fat, Pretreat, Soxtec-Acid Hydrolysis (%)	0036	5.305	0.2633	5.873	0.4608	0.1101	9	-1.23	5%	0
013.10	Fat, Pretreat, Soxtec-Acid Hydrolysis (%)	0353	5.755	0.0900	5.873	0.4608	0.1101	9	-0.26	1%	0
013.10	Fat, Pretreat, Soxtec-Acid Hydrolysis (%)	2188	5.840	0.0000	5.873	0.4608	0.1101	9	-0.07	0%	0
013.10	Fat, Pretreat, Soxtec-Acid Hydrolysis (%)	0885	5.969	0.0573	5.873	0.4608	0.1101	9	0.21	1%	0
013.10	Fat, Pretreat, Soxtec-Acid Hydrolysis (%)	2196	5.990	0.0000	5.873	0.4608	0.1101	9	0.25	1%	0
013.10	Fat, Pretreat, Soxtec-Acid Hydrolysis (%)	2442	6.225	0.0100	5.873	0.4608	0.1101	9	0.76	3%	0
013.10	Fat, Pretreat, Soxtec-Acid Hydrolysis (%)	0610	6.260	0.2600	5.873	0.4608	0.1101	9	0.84	3%	0
013.10	Fat, Pretreat, Soxtec-Acid Hydrolysis (%)	2349	6.330	0.0600	5.873	0.4608	0.1101	9	0.99	4%	0
013.13	Fat, Pretreat, Ankom- Acid Hydrolysis (%)	0581	5.225	0.8300	6.214	0.7493	0.2845	14	-1.32	8%	0
013.13	Fat, Pretreat, Ankom- Acid Hydrolysis (%)	0511	5.305	0.4100	6.214	0.7493	0.2845	14	-1.21	7%	0
013.13	Fat, Pretreat, Ankom- Acid Hydrolysis (%)	0505	5.555	0.3100	6.214	0.7493	0.2845	14	-0.88	5%	0
013.13	Fat, Pretreat, Ankom- Acid Hydrolysis (%)	2433	5.590	0.1400	6.214	0.7493	0.2845	14	-0.83	5%	0
013.13	Fat, Pretreat, Ankom- Acid Hydrolysis (%)	2129	5.901	0.2534	6.214	0.7493	0.2845	14	-0.42	3%	0
013.13	Fat, Pretreat, Ankom- Acid Hydrolysis (%)	0354	6.075	0.3300	6.214	0.7493	0.2845	14	-0.19	1%	0
013.13	Fat, Pretreat, Ankom- Acid Hydrolysis (%)	0074	6.120	0.8000	6.214	0.7493	0.2845	14	-0.13	1%	0
013.13	Fat, Pretreat, Ankom- Acid Hydrolysis (%)	0968	6.155	0.0300	6.214	0.7493	0.2845	14	-0.08	0%	0
013.13	Fat, Pretreat, Ankom- Acid Hydrolysis (%)	0939	6.445	0.0700	6.214	0.7493	0.2845	14	0.31	2%	0
013.13	Fat, Pretreat, Ankom- Acid Hydrolysis (%)	0675	6.525	0.1700	6.214	0.7493	0.2845	14	0.41	3%	0
013.13	Fat, Pretreat, Ankom- Acid Hydrolysis (%)	0407	6.863	0.0052	6.214	0.7493	0.2845	14	0.87	5%	0
013.13	Fat, Pretreat, Ankom- Acid Hydrolysis (%)	0034	6.935	0.1300	6.214	0.7493	0.2845	14	0.96	6%	0
013.13	Fat, Pretreat, Ankom- Acid Hydrolysis (%)	0019	6.965	0.0700	6.214	0.7493	0.2845	14	1.00	6%	0
013.13	Fat, Pretreat, Ankom- Acid Hydrolysis (%)	0843	7.515	0.6500	6.214	0.7493	0.2845	14	1.74	10%	0
015.41	Aluminum, ICP, Dry ash (ppm)	0164	89.50	1.000				2			0
015.41	Aluminum, ICP, Dry ash (ppm)	0407	91.97	7.531				2			0
015.42	Aluminum, ICP, Open vessel (ppm)	0692	22.00	4.000				3			0
015.42	Aluminum, ICP, Open vessel (ppm)	0037	28.60	1.600				3			0
015.42	Aluminum, ICP, Open vessel (ppm)	2129	41.18	0.9000				3			0
015.43	Aluminum, ICP, Microwave (ppm)	0510	54.50	1.000	103.7	14.98	2.615	9	-3.29	24%	0
015.43	Aluminum, ICP, Microwave (ppm)	0407	93.95	0.8409	103.7	14.98	2.615	9	-0.65	5%	0
015.43	Aluminum, ICP, Microwave (ppm)	0032	95.10	0.1200	103.7	14.98	2.615	9	-0.58	4%	0
015.43	Aluminum, ICP, Microwave (ppm)	0297	98.00	10.00	103.7	14.98	2.615	9	-0.38	3%	0
015.43	Aluminum, ICP, Microwave (ppm)	0169	105.0	2.000	103.7	14.98	2.615	9	0.09	1%	0
015.43	Aluminum, ICP, Microwave (ppm)	0021	110.0	0.0000	103.7	14.98	2.615	9	0.42	3%	0
015.43	Aluminum, ICP, Microwave (ppm)	0353	110.0	6.000	103.7	14.98	2.615	9	0.42	3%	0
015.43	Aluminum, ICP, Microwave (ppm)	0345	114.0	3.500	103.7	14.98	2.615	9	0.68	5%	0
015.43	Aluminum, ICP, Microwave (ppm)	0226	135.8	0.2200	103.7	14.98	2.615	9	2.15	15%	0
015.53	Aluminum, ICP-MS, Microwave (ppm)	0939	101.2	5.650				2			0
015.53	Aluminum, ICP-MS, Microwave (ppm)	0407	106.3	1.803				2			0
015.99	Aluminum, Miscellaneous (ppm)	0123	51.30	4.600				1			0

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			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs			
017.41	Boron, ICP, Dry ash (ppm)	0358	13.15	0.0700	14.24	0.9257	0.7097	4		0	
017.41	Boron, ICP, Dry ash (ppm)	0407	13.87	1.239	14.24	0.9257	0.7097	4		0	
017.41	Boron, ICP, Dry ash (ppm)	0226	14.67	0.4200	14.24	0.9257	0.7097	4		0	
017.41	Boron, ICP, Dry ash (ppm)	0229	15.27	1.110	14.24	0.9257	0.7097	4		0	
017.42	Boron, ICP, Open vessel (ppm)	2129	11.98	1.090	13.36	1.500	1.025	5		0	
017.42	Boron, ICP, Open vessel (ppm)	0693	12.21	1.497	13.36	1.500	1.025	5		0	
017.42	Boron, ICP, Open vessel (ppm)	0045	13.05	1.300	13.36	1.500	1.025	5		0	
017.42	Boron, ICP, Open vessel (ppm)	0037	13.90	0.8000	13.36	1.500	1.025	5		0	
017.42	Boron, ICP, Open vessel (ppm)	0294	15.68	0.4400	13.36	1.500	1.025	5		0	
017.43	Boron, ICP, Microwave (ppm)	0297	1.000	0.0000	12.63	2.103	0.7415	8	-5.53	46%	0
017.43	Boron, ICP, Microwave (ppm)	0032	10.26	1.680	12.63	2.103	0.7415	8	-1.13	9%	0
017.43	Boron, ICP, Microwave (ppm)	0510	12.00	0.0000	12.63	2.103	0.7415	8	-0.30	3%	0
017.43	Boron, ICP, Microwave (ppm)	0407	13.45	0.0487	12.63	2.103	0.7415	8	0.39	3%	0
017.43	Boron, ICP, Microwave (ppm)	0226	13.52	0.1900	12.63	2.103	0.7415	8	0.42	3%	0
017.43	Boron, ICP, Microwave (ppm)	0353	14.00	2.000	12.63	2.103	0.7415	8	0.65	5%	0
017.43	Boron, ICP, Microwave (ppm)	0083	14.17	0.3000	12.63	2.103	0.7415	8	0.73	6%	0
017.43	Boron, ICP, Microwave (ppm)	0345	14.19	0.2300	12.63	2.103	0.7415	8	0.74	6%	0
017.43	Boron, ICP, Microwave (ppm)	0021	< 25		12.63	2.103	0.7415	8			5
017.53	Boron, ICP-MS, Microwave (ppm)	0407	13.65	1.142				1			0
017.99	Boron, Miscellaneous (ppm)	0123	13.85	0.1000				1			0
019.00	Calcium, Ox-Mn04 Vol. (%)	2006	1.058	0.0180	1.358	0.0363	0.0217	6	-8.26	11%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2109	1.351	0.0490	1.358	0.0363	0.0217	6	-0.20	0%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2446	1.358	0.0050	1.358	0.0363	0.0217	6	-0.01	0%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2146	1.360	0.0000	1.358	0.0363	0.0217	6	0.06	0%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2190	1.376	0.0167	1.358	0.0363	0.0217	6	0.50	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2302	1.400	0.0200	1.358	0.0363	0.0217	6	1.16	2%	0
019.02	Calcium, Hach Method (%)	0536	2.455	0.2900				1			0
019.08	Calcium, EDTA (%)	2200	1.215	0.0300	1.383	0.0751	0.0288	13	-2.23	6%	0
019.08	Calcium, EDTA (%)	2195	1.315	0.0100	1.383	0.0751	0.0288	13	-0.90	2%	0
019.08	Calcium, EDTA (%)	2009	1.349	0.0022	1.383	0.0751	0.0288	13	-0.44	1%	0
019.08	Calcium, EDTA (%)	2188	1.350	0.0000	1.383	0.0751	0.0288	13	-0.43	1%	0
019.08	Calcium, EDTA (%)	0689	1.360	0.1000	1.383	0.0751	0.0288	13	-0.30	1%	0
019.08	Calcium, EDTA (%)	0590	1.360	0.0200	1.383	0.0751	0.0288	13	-0.30	1%	0
019.08	Calcium, EDTA (%)	2196	1.360	0.0000	1.383	0.0751	0.0288	13	-0.30	1%	0
019.08	Calcium, EDTA (%)	0885	1.374	0.0574	1.383	0.0751	0.0288	13	-0.11	0%	0
019.08	Calcium, EDTA (%)	2337	1.390	0.0200	1.383	0.0751	0.0288	13	0.10	0%	0
019.08	Calcium, EDTA (%)	2392	1.395	0.0100	1.383	0.0751	0.0288	13	0.17	0%	0
019.08	Calcium, EDTA (%)	2199	1.460	0.0200	1.383	0.0751	0.0288	13	1.03	3%	0
019.08	Calcium, EDTA (%)	2434	1.500	0.0000	1.383	0.0751	0.0288	13	1.56	4%	0
019.08	Calcium, EDTA (%)	2193	1.536	0.0520	1.383	0.0751	0.0288	13	2.04	6%	0
019.09	Calcium, Ion-selective electrode (%)	2006	1.035	0.0210				1			0
019.31	Calcium, AAS, Dry ash (%)	2246	1.120	0.0000	1.341	0.0444	0.0328	18	-4.98	8%	0

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			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
019.31	Calcium, AAS, Dry ash (%)	0596	1.290	0.0400	1.341	0.0444	0.0328	18	-1.15	2%	0
019.31	Calcium, AAS, Dry ash (%)	0939	1.300	0.1000	1.341	0.0444	0.0328	18	-0.92	2%	0
019.31	Calcium, AAS, Dry ash (%)	0536	1.305	0.0100	1.341	0.0444	0.0328	18	-0.81	1%	0
019.31	Calcium, AAS, Dry ash (%)	2146	1.305	0.0100	1.341	0.0444	0.0328	18	-0.81	1%	0
019.31	Calcium, AAS, Dry ash (%)	0001	1.317	0.0140	1.341	0.0444	0.0328	18	-0.54	1%	0
019.31	Calcium, AAS, Dry ash (%)	0108	1.320	0.1000	1.341	0.0444	0.0328	18	-0.47	1%	0
019.31	Calcium, AAS, Dry ash (%)	2097	1.327	0.0188	1.341	0.0444	0.0328	18	-0.32	1%	0
019.31	Calcium, AAS, Dry ash (%)	2196	1.340	0.0000	1.341	0.0444	0.0328	18	-0.02	0%	0
019.31	Calcium, AAS, Dry ash (%)	0622	1.344	0.0103	1.341	0.0444	0.0328	18	0.07	0%	0
019.31	Calcium, AAS, Dry ash (%)	0018	1.355	0.0300	1.341	0.0444	0.0328	18	0.32	1%	0
019.31	Calcium, AAS, Dry ash (%)	0948	1.355	0.0100	1.341	0.0444	0.0328	18	0.32	1%	0
019.31	Calcium, AAS, Dry ash (%)	0651	1.359	0.0162	1.341	0.0444	0.0328	18	0.41	1%	0
019.31	Calcium, AAS, Dry ash (%)	0038	1.370	0.0800	1.341	0.0444	0.0328	18	0.65	1%	0
019.31	Calcium, AAS, Dry ash (%)	0563	1.379	0.0024	1.341	0.0444	0.0328	18	0.86	1%	0
019.31	Calcium, AAS, Dry ash (%)	0687	1.385	0.0700	1.341	0.0444	0.0328	18	0.99	2%	0
019.31	Calcium, AAS, Dry ash (%)	0884	1.405	0.0300	1.341	0.0444	0.0328	18	1.44	2%	0
019.31	Calcium, AAS, Dry ash (%)	0529	1.420	0.0200	1.341	0.0444	0.0328	18	1.78	3%	0
019.32	Calcium, AAS, Open vessel (%)	0169	1.355	0.0100				1			0
019.41	Calcium, ICP, Dry ash (%)	2259	1.281	0.0630	1.354	0.0638	0.0338	18	-1.15	3%	0
019.41	Calcium, ICP, Dry ash (%)	0066	1.296	0.0330	1.354	0.0638	0.0338	18	-0.91	2%	0
019.41	Calcium, ICP, Dry ash (%)	0358	1.300	0.0200	1.354	0.0638	0.0338	18	-0.84	2%	0
019.41	Calcium, ICP, Dry ash (%)	0723	1.305	0.0100	1.354	0.0638	0.0338	18	-0.77	2%	0
019.41	Calcium, ICP, Dry ash (%)	0144	1.310	0.0600	1.354	0.0638	0.0338	18	-0.69	2%	0
019.41	Calcium, ICP, Dry ash (%)	0098	1.315	0.0100	1.354	0.0638	0.0338	18	-0.61	1%	0
019.41	Calcium, ICP, Dry ash (%)	0019	1.320	0.0400	1.354	0.0638	0.0338	18	-0.53	1%	0
019.41	Calcium, ICP, Dry ash (%)	0674	1.320	0.0000	1.354	0.0638	0.0338	18	-0.53	1%	0
019.41	Calcium, ICP, Dry ash (%)	0910	1.345	0.0700	1.354	0.0638	0.0338	18	-0.14	0%	0
019.41	Calcium, ICP, Dry ash (%)	0229	1.345	0.0300	1.354	0.0638	0.0338	18	-0.14	0%	0
019.41	Calcium, ICP, Dry ash (%)	0226	1.355	0.0100	1.354	0.0638	0.0338	18	0.02	0%	0
019.41	Calcium, ICP, Dry ash (%)	0407	1.360	0.0473	1.354	0.0638	0.0338	18	0.09	0%	0
019.41	Calcium, ICP, Dry ash (%)	0148	1.365	0.0300	1.354	0.0638	0.0338	18	0.17	0%	0
019.41	Calcium, ICP, Dry ash (%)	0171	1.375	0.0100	1.354	0.0638	0.0338	18	0.33	1%	0
019.41	Calcium, ICP, Dry ash (%)	0004	1.430	0.0400	1.354	0.0638	0.0338	18	1.19	3%	0
019.41	Calcium, ICP, Dry ash (%)	0848	1.450	0.0600	1.354	0.0638	0.0338	18	1.51	4%	0
019.41	Calcium, ICP, Dry ash (%)	0598	1.455	0.0011	1.354	0.0638	0.0338	18	1.59	4%	0
019.41	Calcium, ICP, Dry ash (%)	0685	1.460	0.0400	1.354	0.0638	0.0338	18	1.66	4%	0
019.42	Calcium, ICP, Open vessel (%)	0026	0.8180	0.1840	1.391	0.1383	0.0506	21	-4.14	21%	0
019.42	Calcium, ICP, Open vessel (%)	0045	1.230	0.0600	1.391	0.1383	0.0506	21	-1.16	6%	0
019.42	Calcium, ICP, Open vessel (%)	0693	1.263	0.0730	1.391	0.1383	0.0506	21	-0.93	5%	0
019.42	Calcium, ICP, Open vessel (%)	2129	1.291	0.0120	1.391	0.1383	0.0506	21	-0.72	4%	0
019.42	Calcium, ICP, Open vessel (%)	2319	1.305	0.0100	1.391	0.1383	0.0506	21	-0.62	3%	0
019.42	Calcium, ICP, Open vessel (%)	0263	1.308	0.0000	1.391	0.1383	0.0506	21	-0.60	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	
019.42	Calcium, ICP, Open vessel (%)	0037	1.310	0.0570	1.391	0.1383	0.0506	21	-0.59	3%	0
019.42	Calcium, ICP, Open vessel (%)	0504	1.314	0.1210	1.391	0.1383	0.0506	21	-0.56	3%	0
019.42	Calcium, ICP, Open vessel (%)	0278	1.335	0.0900	1.391	0.1383	0.0506	21	-0.40	2%	0
019.42	Calcium, ICP, Open vessel (%)	0009	1.342	0.0930	1.391	0.1383	0.0506	21	-0.36	2%	0
019.42	Calcium, ICP, Open vessel (%)	0294	1.365	0.0300	1.391	0.1383	0.0506	21	-0.19	1%	0
019.42	Calcium, ICP, Open vessel (%)	0870	1.383	0.0220	1.391	0.1383	0.0506	21	-0.06	0%	0
019.42	Calcium, ICP, Open vessel (%)	0366	1.400	0.0200	1.391	0.1383	0.0506	21	0.07	0%	0
019.42	Calcium, ICP, Open vessel (%)	0357	1.440	0.0118	1.391	0.1383	0.0506	21	0.36	2%	0
019.42	Calcium, ICP, Open vessel (%)	0190	1.450	0.0000	1.391	0.1383	0.0506	21	0.43	2%	0
019.42	Calcium, ICP, Open vessel (%)	0186	1.478	0.0098	1.391	0.1383	0.0506	21	0.63	3%	0
019.42	Calcium, ICP, Open vessel (%)	0042	1.480	0.0200	1.391	0.1383	0.0506	21	0.65	3%	0
019.42	Calcium, ICP, Open vessel (%)	2433	1.557	0.0045	1.391	0.1383	0.0506	21	1.20	6%	0
019.42	Calcium, ICP, Open vessel (%)	0692	1.575	0.0700	1.391	0.1383	0.0506	21	1.33	7%	0
019.42	Calcium, ICP, Open vessel (%)	2375	1.625	0.1300	1.391	0.1383	0.0506	21	1.70	8%	0
019.42	Calcium, ICP, Open vessel (%)	0726	1.635	0.0100	1.391	0.1383	0.0506	21	1.77	9%	0
019.43	Calcium, ICP, Microwave (%)	0038	1.190	0.0200	1.396	0.0753	0.0220	32	-2.73	7%	0
019.43	Calcium, ICP, Microwave (%)	2192	1.285	0.0100	1.396	0.0753	0.0220	32	-1.47	4%	0
019.43	Calcium, ICP, Microwave (%)	0297	1.290	0.0200	1.396	0.0753	0.0220	32	-1.40	4%	0
019.43	Calcium, ICP, Microwave (%)	0968	1.314	0.0040	1.396	0.0753	0.0220	32	-1.08	3%	0
019.43	Calcium, ICP, Microwave (%)	0675	1.325	0.0100	1.396	0.0753	0.0220	32	-0.94	3%	0
019.43	Calcium, ICP, Microwave (%)	0083	1.330	0.0200	1.396	0.0753	0.0220	32	-0.87	2%	0
019.43	Calcium, ICP, Microwave (%)	0354	1.331	0.0130	1.396	0.0753	0.0220	32	-0.87	2%	0
019.43	Calcium, ICP, Microwave (%)	0011	1.335	0.0500	1.396	0.0753	0.0220	32	-0.81	2%	0
019.43	Calcium, ICP, Microwave (%)	0610	1.355	0.0300	1.396	0.0753	0.0220	32	-0.54	1%	0
019.43	Calcium, ICP, Microwave (%)	0036	1.357	0.0143	1.396	0.0753	0.0220	32	-0.51	1%	0
019.43	Calcium, ICP, Microwave (%)	0407	1.367	0.0070	1.396	0.0753	0.0220	32	-0.38	1%	0
019.43	Calcium, ICP, Microwave (%)	0035	1.370	0.0600	1.396	0.0753	0.0220	32	-0.34	1%	0
019.43	Calcium, ICP, Microwave (%)	2089	1.370	0.0000	1.396	0.0753	0.0220	32	-0.34	1%	0
019.43	Calcium, ICP, Microwave (%)	0226	1.380	0.0200	1.396	0.0753	0.0220	32	-0.21	1%	0
019.43	Calcium, ICP, Microwave (%)	0510	1.380	0.0000	1.396	0.0753	0.0220	32	-0.21	1%	0
019.43	Calcium, ICP, Microwave (%)	0010	1.385	0.0100	1.396	0.0753	0.0220	32	-0.14	0%	0
019.43	Calcium, ICP, Microwave (%)	0021	1.400	0.0000	1.396	0.0753	0.0220	32	0.06	0%	0
019.43	Calcium, ICP, Microwave (%)	2443	1.406	0.0000	1.396	0.0753	0.0220	32	0.14	0%	0
019.43	Calcium, ICP, Microwave (%)	0028	1.410	0.0200	1.396	0.0753	0.0220	32	0.19	1%	0
019.43	Calcium, ICP, Microwave (%)	0089	1.420	0.0000	1.396	0.0753	0.0220	32	0.32	1%	0
019.43	Calcium, ICP, Microwave (%)	0505	1.420	0.0400	1.396	0.0753	0.0220	32	0.32	1%	0
019.43	Calcium, ICP, Microwave (%)	0964	1.422	0.0124	1.396	0.0753	0.0220	32	0.35	1%	0
019.43	Calcium, ICP, Microwave (%)	0626	1.430	0.0240	1.396	0.0753	0.0220	32	0.46	1%	0
019.43	Calcium, ICP, Microwave (%)	0032	1.435	0.0500	1.396	0.0753	0.0220	32	0.52	1%	0
019.43	Calcium, ICP, Microwave (%)	0511	1.440	0.0800	1.396	0.0753	0.0220	32	0.59	2%	0
019.43	Calcium, ICP, Microwave (%)	0098	1.455	0.0100	1.396	0.0753	0.0220	32	0.79	2%	0
019.43	Calcium, ICP, Microwave (%)	2322	1.465	0.0300	1.396	0.0753	0.0220	32	0.92	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	
019.43	Calcium, ICP, Microwave (%)	0202	1.475	0.0300	1.396	0.0753	0.0220	32	1.05	3%	0
019.43	Calcium, ICP, Microwave (%)	2326	1.500	0.0000	1.396	0.0753	0.0220	32	1.39	4%	0
019.43	Calcium, ICP, Microwave (%)	0345	1.515	0.0090	1.396	0.0753	0.0220	32	1.58	4%	0
019.43	Calcium, ICP, Microwave (%)	0682	1.520	0.0000	1.396	0.0753	0.0220	32	1.65	4%	0
019.43	Calcium, ICP, Microwave (%)	0353	1.540	0.0200	1.396	0.0753	0.0220	32	1.92	5%	0
019.44	Calcium, ICP, Dry ash (%)	2114	1.323	0.0071				3			0
019.44	Calcium, ICP, Dry ash (%)	0164	1.380	0.0000				3			0
019.44	Calcium, ICP, Dry ash (%)	2445	1.385	0.0100				3			0
019.51	Calcium, ICP-MS, Dry ash (%)	2146	1.300	0.0400				1			0
019.52	Calcium, ICP-MS, Open vessel (%)	0154	1.428	0.0509				2			0
019.52	Calcium, ICP-MS, Open vessel (%)	0186	1.499	0.0152				2			0
019.53	Calcium, ICP-MS, Microwave (%)	2055	1.268	0.0027	1.317	0.0419	0.0429	4			0
019.53	Calcium, ICP-MS, Microwave (%)	0047	1.310	0.1200	1.317	0.0419	0.0429	4			0
019.53	Calcium, ICP-MS, Microwave (%)	0407	1.320	0.0090	1.317	0.0419	0.0429	4			0
019.53	Calcium, ICP-MS, Microwave (%)	0939	1.370	0.0400	1.317	0.0419	0.0429	4			0
019.99	Calcium, Miscellaneous (%)	0676	1.250	0.0200	1.300	0.0469	0.0280	5			0
019.99	Calcium, Miscellaneous (%)	0242	1.275	0.0300	1.300	0.0469	0.0280	5			0
019.99	Calcium, Miscellaneous (%)	0590	1.275	0.0300	1.300	0.0469	0.0280	5			0
019.99	Calcium, Miscellaneous (%)	0123	1.345	0.0100	1.300	0.0469	0.0280	5			0
019.99	Calcium, Miscellaneous (%)	0100	1.355	0.0500	1.300	0.0469	0.0280	5			0
021.31	Cobalt, AAS, Dry ash (ppm)	0563	1.169	0.0884				1			0
021.41	Cobalt, ICP, Dry ash (ppm)	0171	0.6950	0.0100	0.9121	0.1961	0.0215	4			0
021.41	Cobalt, ICP, Dry ash (ppm)	0164	0.8000	0.0000	0.9121	0.1961	0.0215	4			0
021.41	Cobalt, ICP, Dry ash (ppm)	0148	1.050	0.0000	0.9121	0.1961	0.0215	4			0
021.41	Cobalt, ICP, Dry ash (ppm)	0066	1.104	0.0330	0.9121	0.1961	0.0215	4			0
021.41	Cobalt, ICP, Dry ash (ppm)	0407	1.060	0.0931	0.9121	0.1961	0.0215	4			1
021.42	Cobalt, ICP, Open vessel (ppm)	0693	0.6430	0.1620	0.8659	0.2168	0.1157	4			0
021.42	Cobalt, ICP, Open vessel (ppm)	0045	0.7700	0.1200	0.8659	0.2168	0.1157	4			0
021.42	Cobalt, ICP, Open vessel (ppm)	0366	0.9000	0.0000	0.8659	0.2168	0.1157	4			0
021.42	Cobalt, ICP, Open vessel (ppm)	2433	1.151	0.0650	0.8659	0.2168	0.1157	4			0
021.43	Cobalt, ICP, Microwave (ppm)	0510	0.9250	0.0100	1.119	0.1202	0.1112	5			0
021.43	Cobalt, ICP, Microwave (ppm)	0169	1.120	0.0000	1.119	0.1202	0.1112	5			0
021.43	Cobalt, ICP, Microwave (ppm)	0407	1.138	0.1146	1.119	0.1202	0.1112	5			0
021.43	Cobalt, ICP, Microwave (ppm)	0964	1.155	0.1100	1.119	0.1202	0.1112	5			0
021.43	Cobalt, ICP, Microwave (ppm)	0032	1.255	0.2100	1.119	0.1202	0.1112	5			0
021.43	Cobalt, ICP, Microwave (ppm)	0682	< 1		1.119	0.1202	0.1112	5			5
021.43	Cobalt, ICP, Microwave (ppm)	2326	< 1		1.119	0.1202	0.1112	5			5
021.43	Cobalt, ICP, Microwave (ppm)	0021	< 2		1.119	0.1202	0.1112	5			5
021.52	Cobalt, ICP-MS, Open vessel (ppm)	0910	0.4500	0.0000				2			0
021.52	Cobalt, ICP-MS, Open vessel (ppm)	0186	0.5853	0.0159				2			0
021.53	Cobalt, ICP-MS, Microwave (ppm)	0610	1.025	0.0100				3			0
021.53	Cobalt, ICP-MS, Microwave (ppm)	0407	1.084	0.1506				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			
021.53	Cobalt, ICP-MS, Microwave (ppm)	0021	1.100	0.0000				3			0
021.99	Cobalt, Miscellaneous (ppm)	0123	0.9850	0.0300				1			0
022.31	Copper, AAS, Dry ash (ppm)	0536	0.0200	0.0000	17.05	3.504	1.326	13	-4.86	50%	0
022.31	Copper, AAS, Dry ash (ppm)	0921	12.95	3.550	17.05	3.504	1.326	13	-1.17	12%	0
022.31	Copper, AAS, Dry ash (ppm)	0001	14.32	0.2400	17.05	3.504	1.326	13	-0.78	8%	0
022.31	Copper, AAS, Dry ash (ppm)	2188	14.56	0.0000	17.05	3.504	1.326	13	-0.71	7%	0
022.31	Copper, AAS, Dry ash (ppm)	2246	15.91	0.0700	17.05	3.504	1.326	13	-0.33	3%	0
022.31	Copper, AAS, Dry ash (ppm)	0939	17.00	0.0000	17.05	3.504	1.326	13	-0.01	0%	0
022.31	Copper, AAS, Dry ash (ppm)	2196	17.11	0.0000	17.05	3.504	1.326	13	0.02	0%	0
022.31	Copper, AAS, Dry ash (ppm)	0622	18.17	1.938	17.05	3.504	1.326	13	0.32	3%	0
022.31	Copper, AAS, Dry ash (ppm)	0529	18.40	0.4000	17.05	3.504	1.326	13	0.39	4%	0
022.31	Copper, AAS, Dry ash (ppm)	0884	18.45	0.1000	17.05	3.504	1.326	13	0.40	4%	0
022.31	Copper, AAS, Dry ash (ppm)	0651	19.67	1.075	17.05	3.504	1.326	13	0.75	8%	0
022.31	Copper, AAS, Dry ash (ppm)	0689	21.00	1.600	17.05	3.504	1.326	13	1.13	12%	0
022.31	Copper, AAS, Dry ash (ppm)	2097	22.50	3.000	17.05	3.504	1.326	13	1.56	16%	0
022.31	Copper, AAS, Dry ash (ppm)	0656	< 0.1514		17.05	3.504	1.326	13			5
022.31	Copper, AAS, Dry ash (ppm)	0563	< 25		17.05	3.504	1.326	13			5
022.32	Copper, AAS, Open vessel (ppm)	0038	18.70	2.600				1			0
022.33	Copper, AAS, Microwave (ppm)	0948	17.65	0.1400				2			0
022.33	Copper, AAS, Microwave (ppm)	0010	18.80	0.6000				2			0
022.41	Copper, ICP, Dry ash (ppm)	0674	10.27	0.0000	15.54	1.946	0.4485	13	-2.71	17%	0
022.41	Copper, ICP, Dry ash (ppm)	0598	13.00	0.6644	15.54	1.946	0.4485	13	-1.31	8%	0
022.41	Copper, ICP, Dry ash (ppm)	0358	14.29	0.4400	15.54	1.946	0.4485	13	-0.64	4%	0
022.41	Copper, ICP, Dry ash (ppm)	0848	14.61	0.0600	15.54	1.946	0.4485	13	-0.48	3%	0
022.41	Copper, ICP, Dry ash (ppm)	0098	15.11	0.2500	15.54	1.946	0.4485	13	-0.22	1%	0
022.41	Copper, ICP, Dry ash (ppm)	0723	15.15	2.300	15.54	1.946	0.4485	13	-0.20	1%	0
022.41	Copper, ICP, Dry ash (ppm)	0171	15.50	0.0200	15.54	1.946	0.4485	13	-0.02	0%	0
022.41	Copper, ICP, Dry ash (ppm)	0229	15.57	0.0900	15.54	1.946	0.4485	13	0.01	0%	0
022.41	Copper, ICP, Dry ash (ppm)	0407	16.04	0.8761	15.54	1.946	0.4485	13	0.26	2%	0
022.41	Copper, ICP, Dry ash (ppm)	0148	16.85	0.5290	15.54	1.946	0.4485	13	0.67	4%	0
022.41	Copper, ICP, Dry ash (ppm)	0226	17.15	0.2400	15.54	1.946	0.4485	13	0.83	5%	0
022.41	Copper, ICP, Dry ash (ppm)	0019	17.82	0.2600	15.54	1.946	0.4485	13	1.17	7%	0
022.41	Copper, ICP, Dry ash (ppm)	0004	18.34	0.9000	15.54	1.946	0.4485	13	1.44	9%	0
022.41	Copper, ICP, Dry ash (ppm)	0910	21.00	4.000	15.54	1.946	0.4485	13	2.81	18%	1
022.42	Copper, ICP, Open vessel (ppm)	0026	10.69	3.407	18.59	1.768	1.022	21	-4.47	21%	0
022.42	Copper, ICP, Open vessel (ppm)	2129	16.73	0.2900	18.59	1.768	1.022	21	-1.05	5%	0
022.42	Copper, ICP, Open vessel (ppm)	0186	16.83	0.4300	18.59	1.768	1.022	21	-1.00	5%	0
022.42	Copper, ICP, Open vessel (ppm)	2319	17.10	0.2000	18.59	1.768	1.022	21	-0.84	4%	0
022.42	Copper, ICP, Open vessel (ppm)	0870	17.24	0.0400	18.59	1.768	1.022	21	-0.76	4%	0
022.42	Copper, ICP, Open vessel (ppm)	0263	17.60	0.5200	18.59	1.768	1.022	21	-0.56	3%	0
022.42	Copper, ICP, Open vessel (ppm)	0037	17.60	0.6000	18.59	1.768	1.022	21	-0.56	3%	0
022.42	Copper, ICP, Open vessel (ppm)	0693	17.96	1.331	18.59	1.768	1.022	21	-0.36	2%	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)	0366	18.00	0.0000	18.59	1.768	1.022	21	-0.33	2%	0
022.42	Copper, ICP, Open vessel (ppm)	0045	18.10	1.200	18.59	1.768	1.022	21	-0.28	1%	0
022.42	Copper, ICP, Open vessel (ppm)	0190	18.29	0.2700	18.59	1.768	1.022	21	-0.17	1%	0
022.42	Copper, ICP, Open vessel (ppm)	0294	18.39	0.3500	18.59	1.768	1.022	21	-0.12	1%	0
022.42	Copper, ICP, Open vessel (ppm)	0357	18.56	0.1930	18.59	1.768	1.022	21	-0.01	0%	0
022.42	Copper, ICP, Open vessel (ppm)	0726	18.65	0.0900	18.59	1.768	1.022	21	0.03	0%	0
022.42	Copper, ICP, Open vessel (ppm)	0504	19.50	2.000	18.59	1.768	1.022	21	0.51	2%	0
022.42	Copper, ICP, Open vessel (ppm)	0685	19.68	0.4000	18.59	1.768	1.022	21	0.62	3%	0
022.42	Copper, ICP, Open vessel (ppm)	2375	20.50	3.000	18.59	1.768	1.022	21	1.08	5%	0
022.42	Copper, ICP, Open vessel (ppm)	2433	20.64	0.4766	18.59	1.768	1.022	21	1.16	6%	0
022.42	Copper, ICP, Open vessel (ppm)	0042	20.90	1.200	18.59	1.768	1.022	21	1.31	6%	0
022.42	Copper, ICP, Open vessel (ppm)	0009	21.00	4.000	18.59	1.768	1.022	21	1.36	6%	0
022.42	Copper, ICP, Open vessel (ppm)	0278	21.20	4.000	18.59	1.768	1.022	21	1.48	7%	0
022.42	Copper, ICP, Open vessel (ppm)	0692	28.00	16.00	18.59	1.768	1.022	21	5.32	25%	1
022.43	Copper, ICP, Microwave (ppm)	2322	14.09	0.7800	17.36	1.029	0.6501	27	-3.18	9%	0
022.43	Copper, ICP, Microwave (ppm)	0035	16.00	0.0000	17.36	1.029	0.6501	27	-1.32	4%	0
022.43	Copper, ICP, Microwave (ppm)	0038	16.20	2.200	17.36	1.029	0.6501	27	-1.13	3%	0
022.43	Copper, ICP, Microwave (ppm)	0032	16.30	0.0400	17.36	1.029	0.6501	27	-1.03	3%	0
022.43	Copper, ICP, Microwave (ppm)	0407	16.33	0.6312	17.36	1.029	0.6501	27	-1.00	3%	0
022.43	Copper, ICP, Microwave (ppm)	0610	16.35	0.5000	17.36	1.029	0.6501	27	-0.98	3%	0
022.43	Copper, ICP, Microwave (ppm)	0202	16.50	1.000	17.36	1.029	0.6501	27	-0.84	2%	0
022.43	Copper, ICP, Microwave (ppm)	0511	16.50	1.000	17.36	1.029	0.6501	27	-0.84	2%	0
022.43	Copper, ICP, Microwave (ppm)	2445	16.74	0.2700	17.36	1.029	0.6501	27	-0.61	2%	0
022.43	Copper, ICP, Microwave (ppm)	0083	16.88	0.1600	17.36	1.029	0.6501	27	-0.47	1%	0
022.43	Copper, ICP, Microwave (ppm)	0682	17.20	0.0000	17.36	1.029	0.6501	27	-0.16	0%	0
022.43	Copper, ICP, Microwave (ppm)	2089	17.29	0.4500	17.36	1.029	0.6501	27	-0.07	0%	0
022.43	Copper, ICP, Microwave (ppm)	0675	17.40	0.0200	17.36	1.029	0.6501	27	0.04	0%	0
022.43	Copper, ICP, Microwave (ppm)	0169	17.45	0.1000	17.36	1.029	0.6501	27	0.09	0%	0
022.43	Copper, ICP, Microwave (ppm)	0510	17.50	1.000	17.36	1.029	0.6501	27	0.13	0%	0
022.43	Copper, ICP, Microwave (ppm)	2326	17.50	1.000	17.36	1.029	0.6501	27	0.13	0%	0
022.43	Copper, ICP, Microwave (ppm)	0964	17.60	1.600	17.36	1.029	0.6501	27	0.23	1%	0
022.43	Copper, ICP, Microwave (ppm)	0968	17.71	0.0290	17.36	1.029	0.6501	27	0.34	1%	0
022.43	Copper, ICP, Microwave (ppm)	0098	17.95	1.000	17.36	1.029	0.6501	27	0.57	2%	0
022.43	Copper, ICP, Microwave (ppm)	0848	18.14	1.255	17.36	1.029	0.6501	27	0.76	2%	0
022.43	Copper, ICP, Microwave (ppm)	0354	18.17	0.2500	17.36	1.029	0.6501	27	0.78	2%	0
022.43	Copper, ICP, Microwave (ppm)	0626	18.17	0.1500	17.36	1.029	0.6501	27	0.78	2%	0
022.43	Copper, ICP, Microwave (ppm)	0027	18.42	0.0700	17.36	1.029	0.6501	27	1.03	3%	0
022.43	Copper, ICP, Microwave (ppm)	0353	18.50	1.000	17.36	1.029	0.6501	27	1.11	3%	0
022.43	Copper, ICP, Microwave (ppm)	0028	18.60	1.480	17.36	1.029	0.6501	27	1.20	4%	0
022.43	Copper, ICP, Microwave (ppm)	0226	18.65	0.0000	17.36	1.029	0.6501	27	1.25	4%	0
022.43	Copper, ICP, Microwave (ppm)	0345	19.02	0.3700	17.36	1.029	0.6501	27	1.61	5%	0
022.43	Copper, ICP, Microwave (ppm)	0297	17.50	3.000	17.36	1.029	0.6501	27	0.13	0%	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			
022.43	Copper, ICP, Microwave (ppm)	0021	< 25		17.36	1.029	0.6501	27			5
022.44	Copper, ICP, Dry ash (ppm)	0164	16.50	1.000				3			0
022.44	Copper, ICP, Dry ash (ppm)	2114	17.47	0.1197				3			0
022.44	Copper, ICP, Dry ash (ppm)	0066	17.81	0.2800				3			0
022.52	Copper, ICP-MS, Open vessel (ppm)	0186	19.43	0.4900				1			0
022.53	Copper, ICP-MS, Microwave (ppm)	0939	15.72	0.1800	16.60	0.9853	0.6667	4			0
022.53	Copper, ICP-MS, Microwave (ppm)	0047	16.19	0.8200	16.60	0.9853	0.6667	4			0
022.53	Copper, ICP-MS, Microwave (ppm)	2055	16.50	1.000	16.60	0.9853	0.6667	4			0
022.53	Copper, ICP-MS, Microwave (ppm)	0021	18.00	0.0000	16.60	0.9853	0.6667	4			0
022.53	Copper, ICP-MS, Microwave (ppm)	0407	16.75	3.541	16.60	0.9853	0.6667	4			1
022.99	Copper, Miscellaneous (ppm)	0590	13.55	1.100	16.05	1.903	0.8667	4			0
022.99	Copper, Miscellaneous (ppm)	0100	16.00	0.0000	16.05	1.903	0.8667	4			0
022.99	Copper, Miscellaneous (ppm)	0242	16.50	1.000	16.05	1.903	0.8667	4			0
022.99	Copper, Miscellaneous (ppm)	0123	18.15	0.5000	16.05	1.903	0.8667	4			0
025.31	Iron, AAS, Dry ash (ppm)	0536	0.1650	0.0100	305.1	70.32	2.946	13	-4.34	50%	0
025.31	Iron, AAS, Dry ash (ppm)	2246	207.3	2.820	305.1	70.32	2.946	13	-1.39	16%	0
025.31	Iron, AAS, Dry ash (ppm)	0689	210.3	1.100	305.1	70.32	2.946	13	-1.35	16%	0
025.31	Iron, AAS, Dry ash (ppm)	0563	303.7	0.9800	305.1	70.32	2.946	13	-0.02	0%	0
025.31	Iron, AAS, Dry ash (ppm)	0651	310.5	1.947	305.1	70.32	2.946	13	0.08	1%	0
025.31	Iron, AAS, Dry ash (ppm)	0939	311.0	4.000	305.1	70.32	2.946	13	0.08	1%	0
025.31	Iron, AAS, Dry ash (ppm)	0001	319.4	2.400	305.1	70.32	2.946	13	0.20	2%	0
025.31	Iron, AAS, Dry ash (ppm)	0529	326.0	2.500	305.1	70.32	2.946	13	0.30	3%	0
025.31	Iron, AAS, Dry ash (ppm)	2196	329.9	0.0000	305.1	70.32	2.946	13	0.35	4%	0
025.31	Iron, AAS, Dry ash (ppm)	2097	332.0	4.000	305.1	70.32	2.946	13	0.38	4%	0
025.31	Iron, AAS, Dry ash (ppm)	2188	349.4	0.0000	305.1	70.32	2.946	13	0.63	7%	0
025.31	Iron, AAS, Dry ash (ppm)	0884	378.1	6.200	305.1	70.32	2.946	13	1.04	12%	0
025.31	Iron, AAS, Dry ash (ppm)	0038	389.5	23.00	305.1	70.32	2.946	13	1.20	14%	0
025.31	Iron, AAS, Dry ash (ppm)	0596	410.1	37.93	305.1	70.32	2.946	13	1.49	17%	1
025.33	Iron, AAS, Microwave (ppm)	0948	328.4	1.550				1			0
025.41	Iron, ICP, Dry ash (ppm)	0066	276.8	9.180	317.1	23.82	9.857	16	-1.69	6%	0
025.41	Iron, ICP, Dry ash (ppm)	0674	285.8	0.0000	317.1	23.82	9.857	16	-1.32	5%	0
025.41	Iron, ICP, Dry ash (ppm)	0407	292.9	10.11	317.1	23.82	9.857	16	-1.02	4%	0
025.41	Iron, ICP, Dry ash (ppm)	0910	298.0	20.00	317.1	23.82	9.857	16	-0.80	3%	0
025.41	Iron, ICP, Dry ash (ppm)	0226	300.9	12.56	317.1	23.82	9.857	16	-0.68	3%	0
025.41	Iron, ICP, Dry ash (ppm)	0358	306.6	10.85	317.1	23.82	9.857	16	-0.44	2%	0
025.41	Iron, ICP, Dry ash (ppm)	0098	314.6	10.00	317.1	23.82	9.857	16	-0.11	0%	0
025.41	Iron, ICP, Dry ash (ppm)	0171	320.8	0.3000	317.1	23.82	9.857	16	0.15	1%	0
025.41	Iron, ICP, Dry ash (ppm)	0019	324.8	8.000	317.1	23.82	9.857	16	0.32	1%	0
025.41	Iron, ICP, Dry ash (ppm)	2114	325.5	0.6300	317.1	23.82	9.857	16	0.35	1%	0
025.41	Iron, ICP, Dry ash (ppm)	0723	326.6	7.400	317.1	23.82	9.857	16	0.40	1%	0
025.41	Iron, ICP, Dry ash (ppm)	0229	327.3	39.90	317.1	23.82	9.857	16	0.42	2%	0
025.41	Iron, ICP, Dry ash (ppm)	0148	333.8	0.7497	317.1	23.82	9.857	16	0.70	3%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
025.41	Iron, ICP, Dry ash (ppm)	0598	339.8	1.732	317.1	23.82	9.857	16	0.95	4%	0
025.41	Iron, ICP, Dry ash (ppm)	0164	344.0	0.0000	317.1	23.82	9.857	16	1.13	4%	0
025.41	Iron, ICP, Dry ash (ppm)	0004	351.5	24.06	317.1	23.82	9.857	16	1.44	5%	0
025.42	Iron, ICP, Open vessel (ppm)	0026	216.5	51.70	318.5	34.79	20.95	19	-2.93	16%	0
025.42	Iron, ICP, Open vessel (ppm)	0037	234.1	26.20	318.5	34.79	20.95	19	-2.42	13%	0
025.42	Iron, ICP, Open vessel (ppm)	0009	271.0	16.00	318.5	34.79	20.95	19	-1.36	7%	0
025.42	Iron, ICP, Open vessel (ppm)	2319	292.5	3.000	318.5	34.79	20.95	19	-0.75	4%	0
025.42	Iron, ICP, Open vessel (ppm)	0042	295.0	54.00	318.5	34.79	20.95	19	-0.67	4%	0
025.42	Iron, ICP, Open vessel (ppm)	0693	309.6	3.286	318.5	34.79	20.95	19	-0.25	1%	0
025.42	Iron, ICP, Open vessel (ppm)	0045	310.0	26.00	318.5	34.79	20.95	19	-0.24	1%	0
025.42	Iron, ICP, Open vessel (ppm)	0190	313.1	0.2000	318.5	34.79	20.95	19	-0.15	1%	0
025.42	Iron, ICP, Open vessel (ppm)	0294	314.3	8.500	318.5	34.79	20.95	19	-0.12	1%	0
025.42	Iron, ICP, Open vessel (ppm)	0726	316.9	4.400	318.5	34.79	20.95	19	-0.04	0%	0
025.42	Iron, ICP, Open vessel (ppm)	0870	321.9	6.100	318.5	34.79	20.95	19	0.10	1%	0
025.42	Iron, ICP, Open vessel (ppm)	0263	323.7	4.346	318.5	34.79	20.95	19	0.15	1%	0
025.42	Iron, ICP, Open vessel (ppm)	0357	338.6	16.76	318.5	34.79	20.95	19	0.58	3%	0
025.42	Iron, ICP, Open vessel (ppm)	0692	340.0	80.00	318.5	34.79	20.95	19	0.62	3%	0
025.42	Iron, ICP, Open vessel (ppm)	0504	343.5	21.00	318.5	34.79	20.95	19	0.72	4%	0
025.42	Iron, ICP, Open vessel (ppm)	2375	345.0	36.00	318.5	34.79	20.95	19	0.76	4%	0
025.42	Iron, ICP, Open vessel (ppm)	0278	355.0	74.00	318.5	34.79	20.95	19	1.05	6%	0
025.42	Iron, ICP, Open vessel (ppm)	0366	357.5	3.000	318.5	34.79	20.95	19	1.12	6%	0
025.42	Iron, ICP, Open vessel (ppm)	2433	582.0	8.000	318.5	34.79	20.95	19	7.57	41%	0
025.42	Iron, ICP, Open vessel (ppm)	2129	1,841	2,998	318.5	34.79	20.95	19	43.76	239%	2
025.43	Iron, ICP, Microwave (ppm)	0083	232.5	5.310	325.1	21.81	6.733	26	-4.25	14%	0
025.43	Iron, ICP, Microwave (ppm)	0610	285.5	9.000	325.1	21.81	6.733	26	-1.82	6%	0
025.43	Iron, ICP, Microwave (ppm)	0511	304.0	2.000	325.1	21.81	6.733	26	-0.97	3%	0
025.43	Iron, ICP, Microwave (ppm)	0169	306.0	8.000	325.1	21.81	6.733	26	-0.88	3%	0
025.43	Iron, ICP, Microwave (ppm)	0297	306.0	8.000	325.1	21.81	6.733	26	-0.88	3%	0
025.43	Iron, ICP, Microwave (ppm)	0675	306.6	6.440	325.1	21.81	6.733	26	-0.85	3%	0
025.43	Iron, ICP, Microwave (ppm)	2322	310.3	0.6300	325.1	21.81	6.733	26	-0.68	2%	0
025.43	Iron, ICP, Microwave (ppm)	0407	311.4	5.894	325.1	21.81	6.733	26	-0.63	2%	0
025.43	Iron, ICP, Microwave (ppm)	0354	314.9	1.940	325.1	21.81	6.733	26	-0.47	2%	0
025.43	Iron, ICP, Microwave (ppm)	0226	315.1	7.060	325.1	21.81	6.733	26	-0.46	2%	0
025.43	Iron, ICP, Microwave (ppm)	2089	316.8	5.130	325.1	21.81	6.733	26	-0.38	1%	0
025.43	Iron, ICP, Microwave (ppm)	0968	319.9	0.9210	325.1	21.81	6.733	26	-0.24	1%	0
025.43	Iron, ICP, Microwave (ppm)	0626	321.0	9.770	325.1	21.81	6.733	26	-0.19	1%	0
025.43	Iron, ICP, Microwave (ppm)	0510	322.5	5.000	325.1	21.81	6.733	26	-0.12	0%	0
025.43	Iron, ICP, Microwave (ppm)	0353	329.5	5.000	325.1	21.81	6.733	26	0.20	1%	0
025.43	Iron, ICP, Microwave (ppm)	0032	332.4	0.0000	325.1	21.81	6.733	26	0.34	1%	0
025.43	Iron, ICP, Microwave (ppm)	0964	334.5	9.000	325.1	21.81	6.733	26	0.43	1%	0
025.43	Iron, ICP, Microwave (ppm)	0021	335.0	10.00	325.1	21.81	6.733	26	0.45	2%	0
025.43	Iron, ICP, Microwave (ppm)	0035	338.5	17.00	325.1	21.81	6.733	26	0.61	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	
025.43	Iron, ICP, Microwave (ppm)	0682	341.1	0.0000	325.1	21.81	6.733	26	0.73	2%	0
025.43	Iron, ICP, Microwave (ppm)	0505	341.8	18.00	325.1	21.81	6.733	26	0.77	3%	0
025.43	Iron, ICP, Microwave (ppm)	0098	342.6	2.100	325.1	21.81	6.733	26	0.80	3%	0
025.43	Iron, ICP, Microwave (ppm)	0028	344.4	19.40	325.1	21.81	6.733	26	0.89	3%	0
025.43	Iron, ICP, Microwave (ppm)	2326	358.0	6.000	325.1	21.81	6.733	26	1.51	5%	0
025.43	Iron, ICP, Microwave (ppm)	0345	358.9	2.500	325.1	21.81	6.733	26	1.55	5%	0
025.43	Iron, ICP, Microwave (ppm)	0027	368.7	11.51	325.1	21.81	6.733	26	2.00	7%	0
025.43	Iron, ICP, Microwave (ppm)	0038	350.5	43.00	325.1	21.81	6.733	26	1.16	4%	1
025.52	Iron, ICP-MS, Open vessel (ppm)	0154	266.8	0.7200				1			0
025.53	Iron, ICP-MS, Microwave (ppm)	2055	214.5	9.000				3			0
025.53	Iron, ICP-MS, Microwave (ppm)	0939	315.5	1.000				3			0
025.53	Iron, ICP-MS, Microwave (ppm)	0407	332.6	23.99				3			0
025.99	Iron, Miscellaneous (ppm)	0100	276.5	3.000	293.1	18.34	4.333	4			0
025.99	Iron, Miscellaneous (ppm)	0242	278.0	0.0000	293.1	18.34	4.333	4			0
025.99	Iron, Miscellaneous (ppm)	0123	309.0	8.000	293.1	18.34	4.333	4			0
025.99	Iron, Miscellaneous (ppm)	0590	309.0	2.000	293.1	18.34	4.333	4			0
027.31	Magnesium, AAS, Dry ash (%)	0536	0.0400	0.0000	0.4685	0.0490	0.0104	11	-8.75	46%	0
027.31	Magnesium, AAS, Dry ash (%)	2246	0.4000	0.0000	0.4685	0.0490	0.0104	11	-1.40	7%	0
027.31	Magnesium, AAS, Dry ash (%)	0529	0.4575	0.0090	0.4685	0.0490	0.0104	11	-0.22	1%	0
027.31	Magnesium, AAS, Dry ash (%)	2146	0.4600	0.0000	0.4685	0.0490	0.0104	11	-0.17	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0038	0.4695	0.0150	0.4685	0.0490	0.0104	11	0.02	0%	0
027.31	Magnesium, AAS, Dry ash (%)	0001	0.4744	0.0052	0.4685	0.0490	0.0104	11	0.12	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0939	0.4750	0.0100	0.4685	0.0490	0.0104	11	0.13	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0884	0.4800	0.0000	0.4685	0.0490	0.0104	11	0.24	1%	0
027.31	Magnesium, AAS, Dry ash (%)	2196	0.4800	0.0000	0.4685	0.0490	0.0104	11	0.24	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0656	0.5200	0.0000	0.4685	0.0490	0.0104	11	1.05	5%	0
027.31	Magnesium, AAS, Dry ash (%)	0563	0.5682	0.0129	0.4685	0.0490	0.0104	11	2.04	11%	0
027.32	Magnesium, AAS, Open vessel (%)	0169	0.4700	0.0200				1			0
027.33	Magnesium, AAS, Microwave (%)	0948	0.4580	0.0100				2			0
027.33	Magnesium, AAS, Microwave (%)	0010	0.4800	0.0000				2			0
027.41	Magnesium, ICP, Dry ash (%)	0226	0.4300	0.0000	0.4659	0.0227	0.0116	14	-1.58	4%	0
027.41	Magnesium, ICP, Dry ash (%)	0674	0.4400	0.0000	0.4659	0.0227	0.0116	14	-1.14	3%	0
027.41	Magnesium, ICP, Dry ash (%)	0407	0.4425	0.0288	0.4659	0.0227	0.0116	14	-1.03	3%	0
027.41	Magnesium, ICP, Dry ash (%)	0358	0.4500	0.0000	0.4659	0.0227	0.0116	14	-0.70	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0910	0.4550	0.0300	0.4659	0.0227	0.0116	14	-0.48	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0066	0.4570	0.0120	0.4659	0.0227	0.0116	14	-0.39	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0019	0.4650	0.0100	0.4659	0.0227	0.0116	14	-0.04	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0098	0.4750	0.0100	0.4659	0.0227	0.0116	14	0.40	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0171	0.4750	0.0100	0.4659	0.0227	0.0116	14	0.40	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0004	0.4800	0.0000	0.4659	0.0227	0.0116	14	0.62	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0598	0.4839	0.0055	0.4659	0.0227	0.0116	14	0.79	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0229	0.4850	0.0100	0.4659	0.0227	0.0116	14	0.84	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 (%)	0148	0.4870	0.0080	0.4659	0.0227	0.0116	14	0.93	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0723	0.4959	0.0126	0.4659	0.0227	0.0116	14	1.32	3%	0
027.42	Magnesium, ICP, Open vessel (%)	0026	0.2850	0.0580	0.4910	0.0292	0.0213	22	-7.06	21%	0
027.42	Magnesium, ICP, Open vessel (%)	0263	0.4630	0.0020	0.4910	0.0292	0.0213	22	-0.96	3%	0
027.42	Magnesium, ICP, Open vessel (%)	2129	0.4636	0.0011	0.4910	0.0292	0.0213	22	-0.94	3%	0
027.42	Magnesium, ICP, Open vessel (%)	0693	0.4645	0.0450	0.4910	0.0292	0.0213	22	-0.91	3%	0
027.42	Magnesium, ICP, Open vessel (%)	0685	0.4650	0.0100	0.4910	0.0292	0.0213	22	-0.89	3%	0
027.42	Magnesium, ICP, Open vessel (%)	0045	0.4690	0.0400	0.4910	0.0292	0.0213	22	-0.76	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0294	0.4700	0.0000	0.4910	0.0292	0.0213	22	-0.72	2%	0
027.42	Magnesium, ICP, Open vessel (%)	2319	0.4700	0.0000	0.4910	0.0292	0.0213	22	-0.72	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0037	0.4790	0.0040	0.4910	0.0292	0.0213	22	-0.41	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0504	0.4815	0.0310	0.4910	0.0292	0.0213	22	-0.33	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0870	0.4884	0.0052	0.4910	0.0292	0.0213	22	-0.09	0%	0
027.42	Magnesium, ICP, Open vessel (%)	0009	0.4948	0.0291	0.4910	0.0292	0.0213	22	0.13	0%	0
027.42	Magnesium, ICP, Open vessel (%)	0190	0.4950	0.0100	0.4910	0.0292	0.0213	22	0.14	0%	0
027.42	Magnesium, ICP, Open vessel (%)	0278	0.4950	0.0500	0.4910	0.0292	0.0213	22	0.14	0%	0
027.42	Magnesium, ICP, Open vessel (%)	0357	0.5000	0.0017	0.4910	0.0292	0.0213	22	0.31	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0366	0.5100	0.0000	0.4910	0.0292	0.0213	22	0.65	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0692	0.5150	0.0100	0.4910	0.0292	0.0213	22	0.82	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0726	0.5200	0.0400	0.4910	0.0292	0.0213	22	0.99	3%	0
027.42	Magnesium, ICP, Open vessel (%)	0042	0.5220	0.0120	0.4910	0.0292	0.0213	22	1.06	3%	0
027.42	Magnesium, ICP, Open vessel (%)	2433	0.5250	0.0041	0.4910	0.0292	0.0213	22	1.16	3%	0
027.42	Magnesium, ICP, Open vessel (%)	0186	0.5301	0.0042	0.4910	0.0292	0.0213	22	1.34	4%	0
027.42	Magnesium, ICP, Open vessel (%)	2375	0.5550	0.0500	0.4910	0.0292	0.0213	22	2.19	7%	0
027.43	Magnesium, ICP, Microwave (%)	0407	0.4525	0.0265	0.4836	0.0261	0.0138	30	-1.19	3%	0
027.43	Magnesium, ICP, Microwave (%)	0083	0.4550	0.0100	0.4836	0.0261	0.0138	30	-1.10	3%	0
027.43	Magnesium, ICP, Microwave (%)	0510	0.4550	0.0100	0.4836	0.0261	0.0138	30	-1.10	3%	0
027.43	Magnesium, ICP, Microwave (%)	0610	0.4550	0.0100	0.4836	0.0261	0.0138	30	-1.10	3%	0
027.43	Magnesium, ICP, Microwave (%)	0675	0.4550	0.0100	0.4836	0.0261	0.0138	30	-1.10	3%	0
027.43	Magnesium, ICP, Microwave (%)	0032	0.4600	0.0000	0.4836	0.0261	0.0138	30	-0.90	2%	0
027.43	Magnesium, ICP, Microwave (%)	0226	0.4600	0.0000	0.4836	0.0261	0.0138	30	-0.90	2%	0
027.43	Magnesium, ICP, Microwave (%)	0297	0.4600	0.0000	0.4836	0.0261	0.0138	30	-0.90	2%	0
027.43	Magnesium, ICP, Microwave (%)	0968	0.4678	0.0117	0.4836	0.0261	0.0138	30	-0.61	2%	0
027.43	Magnesium, ICP, Microwave (%)	0035	0.4700	0.0200	0.4836	0.0261	0.0138	30	-0.52	1%	0
027.43	Magnesium, ICP, Microwave (%)	0682	0.4700	0.0000	0.4836	0.0261	0.0138	30	-0.52	1%	0
027.43	Magnesium, ICP, Microwave (%)	0511	0.4750	0.0100	0.4836	0.0261	0.0138	30	-0.33	1%	0
027.43	Magnesium, ICP, Microwave (%)	0027	0.4760	0.0020	0.4836	0.0261	0.0138	30	-0.29	1%	0
027.43	Magnesium, ICP, Microwave (%)	0021	0.4800	0.0000	0.4836	0.0261	0.0138	30	-0.14	0%	0
027.43	Magnesium, ICP, Microwave (%)	0028	0.4800	0.0200	0.4836	0.0261	0.0138	30	-0.14	0%	0
027.43	Magnesium, ICP, Microwave (%)	0202	0.4800	0.0200	0.4836	0.0261	0.0138	30	-0.14	0%	0
027.43	Magnesium, ICP, Microwave (%)	0354	0.4880	0.0020	0.4836	0.0261	0.0138	30	0.17	0%	0
027.43	Magnesium, ICP, Microwave (%)	0626	0.4880	0.0100	0.4836	0.0261	0.0138	30	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	
027.43	Magnesium, ICP, Microwave (%)	0089	0.4900	0.0000	0.4836	0.0261	0.0138	30	0.25	1%	0
027.43	Magnesium, ICP, Microwave (%)	0098	0.4900	0.0200	0.4836	0.0261	0.0138	30	0.25	1%	0
027.43	Magnesium, ICP, Microwave (%)	2089	0.4900	0.0000	0.4836	0.0261	0.0138	30	0.25	1%	0
027.43	Magnesium, ICP, Microwave (%)	0011	0.4950	0.0300	0.4836	0.0261	0.0138	30	0.44	1%	0
027.43	Magnesium, ICP, Microwave (%)	0038	0.4995	0.0350	0.4836	0.0261	0.0138	30	0.61	2%	0
027.43	Magnesium, ICP, Microwave (%)	0964	0.5028	0.0082	0.4836	0.0261	0.0138	30	0.74	2%	0
027.43	Magnesium, ICP, Microwave (%)	0505	0.5050	0.0100	0.4836	0.0261	0.0138	30	0.82	2%	0
027.43	Magnesium, ICP, Microwave (%)	0345	0.5175	0.0050	0.4836	0.0261	0.0138	30	1.30	4%	0
027.43	Magnesium, ICP, Microwave (%)	2322	0.5250	0.0100	0.4836	0.0261	0.0138	30	1.59	4%	0
027.43	Magnesium, ICP, Microwave (%)	0353	0.5300	0.0200	0.4836	0.0261	0.0138	30	1.78	5%	0
027.43	Magnesium, ICP, Microwave (%)	2326	0.5300	0.0000	0.4836	0.0261	0.0138	30	1.78	5%	0
027.43	Magnesium, ICP, Microwave (%)	2445	0.5300	0.0000	0.4836	0.0261	0.0138	30	1.78	5%	0
027.44	Magnesium, ICP, Dry ash (%)	2114	0.4766	0.0039				2			0
027.44	Magnesium, ICP, Dry ash (%)	0164	0.4915	0.0070				2			0
027.51	Magnesium, ICP-MS, Dry ash (%)	2146	0.4600	0.0000				1			0
027.52	Magnesium, ICP-MS, Open vessel (%)	0186	0.5027	0.0026				2			0
027.52	Magnesium, ICP-MS, Open vessel (%)	0154	0.5255	0.0049				2			0
027.53	Magnesium, ICP-MS, Microwave (%)	0407	0.4584	0.0070	0.4835	0.0318	0.0267	4			0
027.53	Magnesium, ICP-MS, Microwave (%)	0939	0.4700	0.0200	0.4835	0.0318	0.0267	4			0
027.53	Magnesium, ICP-MS, Microwave (%)	2055	0.4757	0.0396	0.4835	0.0318	0.0267	4			0
027.53	Magnesium, ICP-MS, Microwave (%)	0047	0.5300	0.0400	0.4835	0.0318	0.0267	4			0
027.99	Magnesium, Miscellaneous (%)	0590	0.4600	0.0000	0.4700	0.0071	0.0200	4			0
027.99	Magnesium, Miscellaneous (%)	0242	0.4700	0.0400	0.4700	0.0071	0.0200	4			0
027.99	Magnesium, Miscellaneous (%)	0100	0.4750	0.0100	0.4700	0.0071	0.0200	4			0
027.99	Magnesium, Miscellaneous (%)	0123	0.4750	0.0100	0.4700	0.0071	0.0200	4			0
028.00	Manganese, Color (ppm)	2392	90.25	0.5000				1			0
028.31	Manganese, AAS, Dry ash (ppm)	2188	75.13	0.0000	85.00	4.871	2.004	12	-2.03	6%	0
028.31	Manganese, AAS, Dry ash (ppm)	0536	75.24	1.000	85.00	4.871	2.004	12	-2.00	6%	0
028.31	Manganese, AAS, Dry ash (ppm)	0939	81.50	1.000	85.00	4.871	2.004	12	-0.72	2%	0
028.31	Manganese, AAS, Dry ash (ppm)	0921	82.95	4.090	85.00	4.871	2.004	12	-0.42	1%	0
028.31	Manganese, AAS, Dry ash (ppm)	2196	83.95	0.0000	85.00	4.871	2.004	12	-0.22	1%	0
028.31	Manganese, AAS, Dry ash (ppm)	0651	86.18	1.713	85.00	4.871	2.004	12	0.24	1%	0
028.31	Manganese, AAS, Dry ash (ppm)	2097	87.00	4.000	85.00	4.871	2.004	12	0.41	1%	0
028.31	Manganese, AAS, Dry ash (ppm)	0884	87.05	1.100	85.00	4.871	2.004	12	0.42	1%	0
028.31	Manganese, AAS, Dry ash (ppm)	0001	87.60	3.610	85.00	4.871	2.004	12	0.53	2%	0
028.31	Manganese, AAS, Dry ash (ppm)	0529	88.30	1.200	85.00	4.871	2.004	12	0.68	2%	0
028.31	Manganese, AAS, Dry ash (ppm)	0656	89.73	0.0000	85.00	4.871	2.004	12	0.97	3%	0
028.31	Manganese, AAS, Dry ash (ppm)	0563	90.40	0.3274	85.00	4.871	2.004	12	1.11	3%	0
028.31	Manganese, AAS, Dry ash (ppm)	0689	47.45	9.500	85.00	4.871	2.004	12	-7.71	22%	1
028.32	Manganese, AAS, Open vessel (ppm)	0038	91.55	0.1000				1			0
028.33	Manganese, AAS, Microwave (ppm)	0948	87.95	0.2600				1			0
028.34	Manganese, AAS, Dry ash (ppm)	2246	54.26	1.040				1			0

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028.41	Manganese, ICP, Dry ash (ppm)	0723	80.55	1.300	84.98	3.877	1.553	13	-1.14	3%	0
028.41	Manganese, ICP, Dry ash (ppm)	0407	80.58	1.061	84.98	3.877	1.553	13	-1.13	3%	0
028.41	Manganese, ICP, Dry ash (ppm)	0358	81.37	0.9700	84.98	3.877	1.553	13	-0.93	2%	0
028.41	Manganese, ICP, Dry ash (ppm)	0910	81.50	5.000	84.98	3.877	1.553	13	-0.90	2%	0
028.41	Manganese, ICP, Dry ash (ppm)	0098	82.86	0.0800	84.98	3.877	1.553	13	-0.55	1%	0
028.41	Manganese, ICP, Dry ash (ppm)	0674	83.52	0.0000	84.98	3.877	1.553	13	-0.38	1%	0
028.41	Manganese, ICP, Dry ash (ppm)	0171	85.61	0.2900	84.98	3.877	1.553	13	0.16	0%	0
028.41	Manganese, ICP, Dry ash (ppm)	0226	85.84	0.5800	84.98	3.877	1.553	13	0.22	1%	0
028.41	Manganese, ICP, Dry ash (ppm)	0229	87.42	2.300	84.98	3.877	1.553	13	0.63	1%	0
028.41	Manganese, ICP, Dry ash (ppm)	0148	88.41	3.350	84.98	3.877	1.553	13	0.88	2%	0
028.41	Manganese, ICP, Dry ash (ppm)	0004	88.52	2.470	84.98	3.877	1.553	13	0.91	2%	0
028.41	Manganese, ICP, Dry ash (ppm)	0019	88.66	1.010	84.98	3.877	1.553	13	0.95	2%	0
028.41	Manganese, ICP, Dry ash (ppm)	0598	89.95	1.753	84.98	3.877	1.553	13	1.28	3%	0
028.42	Manganese, ICP, Open vessel (ppm)	0026	51.42	3.030	88.22	5.866	1.723	21	-6.27	21%	0
028.42	Manganese, ICP, Open vessel (ppm)	0685	80.97	0.4000	88.22	5.866	1.723	21	-1.24	4%	0
028.42	Manganese, ICP, Open vessel (ppm)	0870	81.25	0.5100	88.22	5.866	1.723	21	-1.19	4%	0
028.42	Manganese, ICP, Open vessel (ppm)	0693	81.69	4.384	88.22	5.866	1.723	21	-1.11	4%	0
028.42	Manganese, ICP, Open vessel (ppm)	0263	84.67	0.4400	88.22	5.866	1.723	21	-0.61	2%	0
028.42	Manganese, ICP, Open vessel (ppm)	0045	84.95	2.500	88.22	5.866	1.723	21	-0.56	2%	0
028.42	Manganese, ICP, Open vessel (ppm)	0186	85.12	0.4200	88.22	5.866	1.723	21	-0.53	2%	0
028.42	Manganese, ICP, Open vessel (ppm)	0009	85.50	3.000	88.22	5.866	1.723	21	-0.46	2%	0
028.42	Manganese, ICP, Open vessel (ppm)	2319	86.75	0.5000	88.22	5.866	1.723	21	-0.25	1%	0
028.42	Manganese, ICP, Open vessel (ppm)	2129	86.79	0.3000	88.22	5.866	1.723	21	-0.24	1%	0
028.42	Manganese, ICP, Open vessel (ppm)	0504	88.65	12.30	88.22	5.866	1.723	21	0.07	0%	0
028.42	Manganese, ICP, Open vessel (ppm)	0278	89.00	0.0000	88.22	5.866	1.723	21	0.13	0%	0
028.42	Manganese, ICP, Open vessel (ppm)	0190	90.45	0.2000	88.22	5.866	1.723	21	0.38	1%	0
028.42	Manganese, ICP, Open vessel (ppm)	0366	91.00	0.0000	88.22	5.866	1.723	21	0.47	2%	0
028.42	Manganese, ICP, Open vessel (ppm)	0357	91.43	1.399	88.22	5.866	1.723	21	0.55	2%	0
028.42	Manganese, ICP, Open vessel (ppm)	0037	91.50	1.400	88.22	5.866	1.723	21	0.56	2%	0
028.42	Manganese, ICP, Open vessel (ppm)	0042	91.80	1.600	88.22	5.866	1.723	21	0.61	2%	0
028.42	Manganese, ICP, Open vessel (ppm)	2433	92.50	1.000	88.22	5.866	1.723	21	0.73	2%	0
028.42	Manganese, ICP, Open vessel (ppm)	0294	95.21	3.000	88.22	5.866	1.723	21	1.19	4%	0
028.42	Manganese, ICP, Open vessel (ppm)	0726	100.2	0.2000	88.22	5.866	1.723	21	2.04	7%	0
028.42	Manganese, ICP, Open vessel (ppm)	2375	101.5	11.00	88.22	5.866	1.723	21	2.26	8%	0
028.42	Manganese, ICP, Open vessel (ppm)	0692	114.5	41.00	88.22	5.866	1.723	21	4.48	15%	1
028.43	Manganese, ICP, Microwave (ppm)	2089	75.56	0.9000	86.28	5.331	1.834	28	-2.01	6%	0
028.43	Manganese, ICP, Microwave (ppm)	2322	77.65	2.320	86.28	5.331	1.834	28	-1.62	5%	0
028.43	Manganese, ICP, Microwave (ppm)	0169	79.85	0.3000	86.28	5.331	1.834	28	-1.21	4%	0
028.43	Manganese, ICP, Microwave (ppm)	0511	81.00	0.0000	86.28	5.331	1.834	28	-0.99	3%	0
028.43	Manganese, ICP, Microwave (ppm)	0407	81.27	0.9930	86.28	5.331	1.834	28	-0.94	3%	0
028.43	Manganese, ICP, Microwave (ppm)	0505	82.41	1.350	86.28	5.331	1.834	28	-0.73	2%	0
028.43	Manganese, ICP, Microwave (ppm)	0353	82.50	1.000	86.28	5.331	1.834	28	-0.71	2%	0

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028.43	Manganese, ICP, Microwave (ppm)	0610	82.80	1.200	86.28	5.331	1.834	28	-0.65	2%	0
028.43	Manganese, ICP, Microwave (ppm)	0354	82.92	0.1500	86.28	5.331	1.834	28	-0.63	2%	0
028.43	Manganese, ICP, Microwave (ppm)	0675	82.93	0.1300	86.28	5.331	1.834	28	-0.63	2%	0
028.43	Manganese, ICP, Microwave (ppm)	0083	84.21	1.810	86.28	5.331	1.834	28	-0.39	1%	0
028.43	Manganese, ICP, Microwave (ppm)	0968	84.73	0.2002	86.28	5.331	1.834	28	-0.29	1%	0
028.43	Manganese, ICP, Microwave (ppm)	0510	85.00	2.000	86.28	5.331	1.834	28	-0.24	1%	0
028.43	Manganese, ICP, Microwave (ppm)	0297	85.50	5.000	86.28	5.331	1.834	28	-0.15	0%	0
028.43	Manganese, ICP, Microwave (ppm)	0028	86.57	5.090	86.28	5.331	1.834	28	0.05	0%	0
028.43	Manganese, ICP, Microwave (ppm)	0682	86.85	0.0000	86.28	5.331	1.834	28	0.11	0%	0
028.43	Manganese, ICP, Microwave (ppm)	0035	87.50	1.000	86.28	5.331	1.834	28	0.23	1%	0
028.43	Manganese, ICP, Microwave (ppm)	2326	88.50	5.000	86.28	5.331	1.834	28	0.42	1%	0
028.43	Manganese, ICP, Microwave (ppm)	0226	89.05	1.280	86.28	5.331	1.834	28	0.52	2%	0
028.43	Manganese, ICP, Microwave (ppm)	0038	89.55	4.700	86.28	5.331	1.834	28	0.61	2%	0
028.43	Manganese, ICP, Microwave (ppm)	0626	90.42	5.460	86.28	5.331	1.834	28	0.78	2%	0
028.43	Manganese, ICP, Microwave (ppm)	0027	90.85	1.314	86.28	5.331	1.834	28	0.86	3%	0
028.43	Manganese, ICP, Microwave (ppm)	0021	91.00	2.000	86.28	5.331	1.834	28	0.89	3%	0
028.43	Manganese, ICP, Microwave (ppm)	0098	91.49	0.4600	86.28	5.331	1.834	28	0.98	3%	0
028.43	Manganese, ICP, Microwave (ppm)	0964	92.05	2.500	86.28	5.331	1.834	28	1.08	3%	0
028.43	Manganese, ICP, Microwave (ppm)	0032	92.98	0.8400	86.28	5.331	1.834	28	1.26	4%	0
028.43	Manganese, ICP, Microwave (ppm)	0202	93.35	3.500	86.28	5.331	1.834	28	1.33	4%	0
028.43	Manganese, ICP, Microwave (ppm)	0345	94.08	0.9500	86.28	5.331	1.834	28	1.46	5%	0
028.44	Manganese, ICP, Dry ash (ppm)	0066	66.71	1.700				3			0
028.44	Manganese, ICP, Dry ash (ppm)	0164	85.00	0.0000				3			0
028.44	Manganese, ICP, Dry ash (ppm)	2114	85.80	0.5990				3			0
028.52	Manganese, ICP-MS, Open vessel (ppm)	0186	92.38	1.510				1			0
028.53	Manganese, ICP-MS, Microwave (ppm)	0407	83.60	4.178				3			0
028.53	Manganese, ICP-MS, Microwave (ppm)	0047	85.36	1.710				3			0
028.53	Manganese, ICP-MS, Microwave (ppm)	0939	86.23	0.3700				3			0
028.99	Manganese, Miscellaneous (ppm)	0242	85.00	2.000	86.60	1.838	2.400	4			0
028.99	Manganese, Miscellaneous (ppm)	0590	85.05	4.300	86.60	1.838	2.400	4			0
028.99	Manganese, Miscellaneous (ppm)	0123	87.85	2.300	86.60	1.838	2.400	4			0
028.99	Manganese, Miscellaneous (ppm)	0100	88.50	1.000	86.60	1.838	2.400	4			0
030.01	Nitrate, Ion-selective electrode (%)	0357	0.0038	0.0006				1			0
031.01	Phosphorus, Photometric (%)	2199	0.5000	0.0000	1.094	0.0374	0.0235	37	-15.89	27%	0
031.01	Phosphorus, Photometric (%)	0108	0.6850	0.1100	1.094	0.0374	0.0235	37	-10.95	19%	0
031.01	Phosphorus, Photometric (%)	0018	1.040	0.0200	1.094	0.0374	0.0235	37	-1.46	2%	0
031.01	Phosphorus, Photometric (%)	2006	1.044	0.0550	1.094	0.0374	0.0235	37	-1.36	2%	0
031.01	Phosphorus, Photometric (%)	0038	1.045	0.0100	1.094	0.0374	0.0235	37	-1.32	2%	0
031.01	Phosphorus, Photometric (%)	0596	1.055	0.0700	1.094	0.0374	0.0235	37	-1.06	2%	0
031.01	Phosphorus, Photometric (%)	2246	1.055	0.0100	1.094	0.0374	0.0235	37	-1.06	2%	0
031.01	Phosphorus, Photometric (%)	2144	1.065	0.0100	1.094	0.0374	0.0235	37	-0.79	1%	0
031.01	Phosphorus, Photometric (%)	2195	1.065	0.0100	1.094	0.0374	0.0235	37	-0.79	1%	0

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031.01	Phosphorus, Photometric (%)	0646	1.075	0.0700	1.094	0.0374	0.0235	37	-0.52	1%	0
031.01	Phosphorus, Photometric (%)	2453	1.076	0.0921	1.094	0.0374	0.0235	37	-0.49	1%	0
031.01	Phosphorus, Photometric (%)	0590	1.080	0.0000	1.094	0.0374	0.0235	37	-0.39	1%	0
031.01	Phosphorus, Photometric (%)	0885	1.083	0.0062	1.094	0.0374	0.0235	37	-0.32	1%	0
031.01	Phosphorus, Photometric (%)	2097	1.089	0.0043	1.094	0.0374	0.0235	37	-0.16	0%	0
031.01	Phosphorus, Photometric (%)	0529	1.090	0.0000	1.094	0.0374	0.0235	37	-0.12	0%	0
031.01	Phosphorus, Photometric (%)	2192	1.090	0.0200	1.094	0.0374	0.0235	37	-0.12	0%	0
031.01	Phosphorus, Photometric (%)	2196	1.090	0.0000	1.094	0.0374	0.0235	37	-0.12	0%	0
031.01	Phosphorus, Photometric (%)	2337	1.095	0.0100	1.094	0.0374	0.0235	37	0.01	0%	0
031.01	Phosphorus, Photometric (%)	2009	1.095	0.0028	1.094	0.0374	0.0235	37	0.02	0%	0
031.01	Phosphorus, Photometric (%)	2190	1.097	0.0033	1.094	0.0374	0.0235	37	0.07	0%	0
031.01	Phosphorus, Photometric (%)	0651	1.099	0.0004	1.094	0.0374	0.0235	37	0.13	0%	0
031.01	Phosphorus, Photometric (%)	0622	1.103	0.0049	1.094	0.0374	0.0235	37	0.23	0%	0
031.01	Phosphorus, Photometric (%)	0884	1.105	0.0100	1.094	0.0374	0.0235	37	0.28	0%	0
031.01	Phosphorus, Photometric (%)	2446	1.107	0.0130	1.094	0.0374	0.0235	37	0.32	1%	0
031.01	Phosphorus, Photometric (%)	0948	1.110	0.0000	1.094	0.0374	0.0235	37	0.41	1%	0
031.01	Phosphorus, Photometric (%)	2392	1.115	0.1100	1.094	0.0374	0.0235	37	0.55	1%	0
031.01	Phosphorus, Photometric (%)	2146	1.115	0.0100	1.094	0.0374	0.0235	37	0.55	1%	0
031.01	Phosphorus, Photometric (%)	0687	1.120	0.0400	1.094	0.0374	0.0235	37	0.68	1%	0
031.01	Phosphorus, Photometric (%)	0689	1.120	0.0400	1.094	0.0374	0.0235	37	0.68	1%	0
031.01	Phosphorus, Photometric (%)	2188	1.120	0.0000	1.094	0.0374	0.0235	37	0.68	1%	0
031.01	Phosphorus, Photometric (%)	2193	1.120	0.0000	1.094	0.0374	0.0235	37	0.68	1%	0
031.01	Phosphorus, Photometric (%)	0563	1.125	0.0234	1.094	0.0374	0.0235	37	0.82	1%	0
031.01	Phosphorus, Photometric (%)	2434	1.130	0.0000	1.094	0.0374	0.0235	37	0.95	2%	0
031.01	Phosphorus, Photometric (%)	0939	1.155	0.0100	1.094	0.0374	0.0235	37	1.62	3%	0
031.01	Phosphorus, Photometric (%)	2109	1.162	0.0280	1.094	0.0374	0.0235	37	1.80	3%	0
031.01	Phosphorus, Photometric (%)	2302	1.180	0.0200	1.094	0.0374	0.0235	37	2.29	4%	0
031.01	Phosphorus, Photometric (%)	0656	1.190	0.0000	1.094	0.0374	0.0235	37	2.55	4%	0
031.03	Phosphorus, Autoanalyzer (%)	0169	1.095	0.0700				2			0
031.03	Phosphorus, Autoanalyzer (%)	0001	1.122	0.0060				2			0
031.06	Phosphorus, Hach Method (%)	0536	0.6450	0.0100				1			0
031.41	Phosphorus, ICP, Dry ash (%)	0226	0.9700	0.0000	1.064	0.0671	0.0251	17	-1.40	4%	0
031.41	Phosphorus, ICP, Dry ash (%)	0848	0.9700	0.0400	1.064	0.0671	0.0251	17	-1.40	4%	0
031.41	Phosphorus, ICP, Dry ash (%)	0674	1.000	0.0000	1.064	0.0671	0.0251	17	-0.96	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0910	1.010	0.0600	1.064	0.0671	0.0251	17	-0.81	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	2259	1.026	0.0150	1.064	0.0671	0.0251	17	-0.58	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0019	1.030	0.0200	1.064	0.0671	0.0251	17	-0.51	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0685	1.045	0.0100	1.064	0.0671	0.0251	17	-0.29	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0229	1.055	0.0500	1.064	0.0671	0.0251	17	-0.14	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0723	1.065	0.0100	1.064	0.0671	0.0251	17	0.01	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0407	1.077	0.0191	1.064	0.0671	0.0251	17	0.20	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0358	1.090	0.0200	1.064	0.0671	0.0251	17	0.38	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
031.41	Phosphorus, ICP, Dry ash (%)	0004	1.095	0.0300	1.064	0.0671	0.0251	17	0.46	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0144	1.105	0.0500	1.064	0.0671	0.0251	17	0.61	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0171	1.105	0.0100	1.064	0.0671	0.0251	17	0.61	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0098	1.120	0.0180	1.064	0.0671	0.0251	17	0.83	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0598	1.163	0.0227	1.064	0.0671	0.0251	17	1.47	5%	0
031.41	Phosphorus, ICP, Dry ash (%)	0148	1.165	0.0100	1.064	0.0671	0.0251	17	1.50	5%	0
031.42	Phosphorus, ICP, Open vessel (%)	0026	0.7365	0.1430	1.133	0.0734	0.0430	21	-5.40	17%	0
031.42	Phosphorus, ICP, Open vessel (%)	0294	1.035	0.0100	1.133	0.0734	0.0430	21	-1.33	4%	0
031.42	Phosphorus, ICP, Open vessel (%)	2129	1.059	0.0020	1.133	0.0734	0.0430	21	-1.01	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	0504	1.065	0.0890	1.133	0.0734	0.0430	21	-0.93	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	2319	1.070	0.0000	1.133	0.0734	0.0430	21	-0.86	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	0042	1.090	0.0000	1.133	0.0734	0.0430	21	-0.58	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0045	1.100	0.1800	1.133	0.0734	0.0430	21	-0.45	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0263	1.104	0.0070	1.133	0.0734	0.0430	21	-0.40	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0278	1.125	0.1300	1.133	0.0734	0.0430	21	-0.11	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0009	1.128	0.0639	1.133	0.0734	0.0430	21	-0.07	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0186	1.140	0.0018	1.133	0.0734	0.0430	21	0.10	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0357	1.142	0.0393	1.133	0.0734	0.0430	21	0.12	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0037	1.143	0.0010	1.133	0.0734	0.0430	21	0.13	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	2433	1.144	0.0032	1.133	0.0734	0.0430	21	0.15	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0366	1.155	0.0100	1.133	0.0734	0.0430	21	0.30	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0190	1.165	0.0100	1.133	0.0734	0.0430	21	0.44	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0870	1.174	0.0260	1.133	0.0734	0.0430	21	0.56	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0726	1.210	0.0200	1.133	0.0734	0.0430	21	1.05	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	0692	1.235	0.0700	1.133	0.0734	0.0430	21	1.39	5%	0
031.42	Phosphorus, ICP, Open vessel (%)	0047	1.245	0.0900	1.133	0.0734	0.0430	21	1.53	5%	0
031.42	Phosphorus, ICP, Open vessel (%)	2375	1.280	0.0200	1.133	0.0734	0.0430	21	2.00	6%	0
031.42	Phosphorus, ICP, Open vessel (%)	0693	1.057	0.2560	1.133	0.0734	0.0430	21	-1.03	3%	1
031.43	Phosphorus, ICP, Microwave (%)	0089	0.9100	0.0000	1.118	0.0533	0.0266	31	-3.91	9%	0
031.43	Phosphorus, ICP, Microwave (%)	0297	1.010	0.0400	1.118	0.0533	0.0266	31	-2.03	5%	0
031.43	Phosphorus, ICP, Microwave (%)	2326	1.050	0.1000	1.118	0.0533	0.0266	31	-1.28	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0083	1.065	0.0300	1.118	0.0533	0.0266	31	-1.00	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0610	1.070	0.0200	1.118	0.0533	0.0266	31	-0.91	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0226	1.075	0.0100	1.118	0.0533	0.0266	31	-0.82	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0968	1.084	0.0010	1.118	0.0533	0.0266	31	-0.66	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0511	1.085	0.0900	1.118	0.0533	0.0266	31	-0.63	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0407	1.093	0.0211	1.118	0.0533	0.0266	31	-0.48	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0001	1.095	0.0500	1.118	0.0533	0.0266	31	-0.44	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0021	1.100	0.0000	1.118	0.0533	0.0266	31	-0.35	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0032	1.100	0.0200	1.118	0.0533	0.0266	31	-0.35	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0682	1.100	0.0000	1.118	0.0533	0.0266	31	-0.35	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0675	1.105	0.0100	1.118	0.0533	0.0266	31	-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	
031.43	Phosphorus, ICP, Microwave (%)	2089	1.105	0.0100	1.118	0.0533	0.0266	31	-0.25	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0028	1.115	0.0300	1.118	0.0533	0.0266	31	-0.07	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0027	1.117	0.0020	1.118	0.0533	0.0266	31	-0.03	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0036	1.118	0.1161	1.118	0.0533	0.0266	31	0.00	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0626	1.127	0.0190	1.118	0.0533	0.0266	31	0.15	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0038	1.130	0.0400	1.118	0.0533	0.0266	31	0.22	1%	0
031.43	Phosphorus, ICP, Microwave (%)	2322	1.130	0.0000	1.118	0.0533	0.0266	31	0.22	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0035	1.140	0.0400	1.118	0.0533	0.0266	31	0.40	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0354	1.145	0.0020	1.118	0.0533	0.0266	31	0.50	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0202	1.150	0.0200	1.118	0.0533	0.0266	31	0.59	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0505	1.150	0.0200	1.118	0.0533	0.0266	31	0.59	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0011	1.155	0.0500	1.118	0.0533	0.0266	31	0.69	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0510	1.200	0.0000	1.118	0.0533	0.0266	31	1.53	4%	0
031.43	Phosphorus, ICP, Microwave (%)	0964	1.203	0.0422	1.118	0.0533	0.0266	31	1.58	4%	0
031.43	Phosphorus, ICP, Microwave (%)	0098	1.214	0.0140	1.118	0.0533	0.0266	31	1.79	4%	0
031.43	Phosphorus, ICP, Microwave (%)	0345	1.219	0.0090	1.118	0.0533	0.0266	31	1.88	4%	0
031.43	Phosphorus, ICP, Microwave (%)	0353	1.250	0.0200	1.118	0.0533	0.0266	31	2.47	6%	0
031.43	Phosphorus, ICP, Microwave (%)	0010	0.9350	0.2700	1.118	0.0533	0.0266	31	-3.44	8%	1
031.44	Phosphorus, ICP, Dry ash (%)	0066	0.9735	0.0290	1.093	0.0846	0.0154	4			0
031.44	Phosphorus, ICP, Dry ash (%)	2114	1.092	0.0026	1.093	0.0846	0.0154	4			0
031.44	Phosphorus, ICP, Dry ash (%)	2445	1.145	0.0100	1.093	0.0846	0.0154	4			0
031.44	Phosphorus, ICP, Dry ash (%)	0164	1.160	0.0200	1.093	0.0846	0.0154	4			0
031.51	Phosphorus, ICP-MS, Dry ash (%)	2146	1.085	0.0100				1			0
031.52	Phosphorus, ICP-MS, Open vessel (%)	0186	1.143	0.0034				2			0
031.52	Phosphorus, ICP-MS, Open vessel (%)	0154	1.243	0.0719				2			0
031.53	Phosphorus, ICP-MS, Microwave (%)	0407	1.126	0.0970				2			0
031.53	Phosphorus, ICP-MS, Microwave (%)	0939	1.185	0.0500				2			0
031.99	Phosphorus, Miscellaneous (%)	0676	1.035	0.0100				3			0
031.99	Phosphorus, Miscellaneous (%)	0242	1.065	0.0100				3			0
031.99	Phosphorus, Miscellaneous (%)	0100	1.075	0.0100				3			0
031.99	Phosphorus, Miscellaneous (%)	0123	1.250	0.0600				3			1
032.02	Potassium, Flame Emission (%)	2392	1.211	0.0010				2			0
032.02	Potassium, Flame Emission (%)	0884	1.260	0.0000				2			0
032.08	Potassium, Ion-selective electrode (%)	2434	0.8600	0.0000				1			0
032.31	Potassium, AAS, Dry ash (%)	2196	1.080	0.0000	1.206	0.0908	0.0328	9	-1.38	5%	0
032.31	Potassium, AAS, Dry ash (%)	2146	1.130	0.0200	1.206	0.0908	0.0328	9	-0.83	3%	0
032.31	Potassium, AAS, Dry ash (%)	0536	1.150	0.0200	1.206	0.0908	0.0328	9	-0.61	2%	0
032.31	Potassium, AAS, Dry ash (%)	0596	1.170	0.0800	1.206	0.0908	0.0328	9	-0.39	1%	0
032.31	Potassium, AAS, Dry ash (%)	0038	1.185	0.0100	1.206	0.0908	0.0328	9	-0.23	1%	0
032.31	Potassium, AAS, Dry ash (%)	0529	1.275	0.0100	1.206	0.0908	0.0328	9	0.76	3%	0
032.31	Potassium, AAS, Dry ash (%)	0563	1.275	0.0079	1.206	0.0908	0.0328	9	0.77	3%	0
032.31	Potassium, AAS, Dry ash (%)	0948	1.286	0.0270	1.206	0.0908	0.0328	9	0.88	3%	0

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			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
032.31	Potassium, AAS, Dry ash (%)	0939	1.300	0.1200	1.206	0.0908	0.0328	9	1.04	4%	0
032.32	Potassium, AAS, Open vessel (%)	2246	0.7900	0.0000				2			0
032.32	Potassium, AAS, Open vessel (%)	0169	1.250	0.0200				2			0
032.41	Potassium, ICP, Dry ash (%)	0004	1.010	0.0800	1.211	0.0714	0.0339	14	-2.82	8%	0
032.41	Potassium, ICP, Dry ash (%)	0019	1.115	0.0100	1.211	0.0714	0.0339	14	-1.35	4%	0
032.41	Potassium, ICP, Dry ash (%)	0674	1.120	0.0000	1.211	0.0714	0.0339	14	-1.28	4%	0
032.41	Potassium, ICP, Dry ash (%)	0226	1.170	0.0400	1.211	0.0714	0.0339	14	-0.58	2%	0
032.41	Potassium, ICP, Dry ash (%)	0229	1.205	0.0100	1.211	0.0714	0.0339	14	-0.09	0%	0
032.41	Potassium, ICP, Dry ash (%)	0358	1.210	0.0600	1.211	0.0714	0.0339	14	-0.02	0%	0
032.41	Potassium, ICP, Dry ash (%)	0910	1.215	0.0500	1.211	0.0714	0.0339	14	0.05	0%	0
032.41	Potassium, ICP, Dry ash (%)	0066	1.227	0.0200	1.211	0.0714	0.0339	14	0.22	1%	0
032.41	Potassium, ICP, Dry ash (%)	0144	1.240	0.0600	1.211	0.0714	0.0339	14	0.40	1%	0
032.41	Potassium, ICP, Dry ash (%)	0598	1.246	0.0221	1.211	0.0714	0.0339	14	0.48	1%	0
032.41	Potassium, ICP, Dry ash (%)	0148	1.250	0.0200	1.211	0.0714	0.0339	14	0.54	2%	0
032.41	Potassium, ICP, Dry ash (%)	0407	1.271	0.0482	1.211	0.0714	0.0339	14	0.84	2%	0
032.41	Potassium, ICP, Dry ash (%)	0171	1.285	0.0100	1.211	0.0714	0.0339	14	1.03	3%	0
032.41	Potassium, ICP, Dry ash (%)	0098	1.300	0.0200	1.211	0.0714	0.0339	14	1.24	4%	0
032.42	Potassium, ICP, Open vessel (%)	0026	0.7880	0.1800	1.308	0.1047	0.0507	21	-4.97	20%	0
032.42	Potassium, ICP, Open vessel (%)	0045	1.125	0.0700	1.308	0.1047	0.0507	21	-1.75	7%	0
032.42	Potassium, ICP, Open vessel (%)	0278	1.215	0.1300	1.308	0.1047	0.0507	21	-0.89	4%	0
032.42	Potassium, ICP, Open vessel (%)	0047	1.225	0.0100	1.308	0.1047	0.0507	21	-0.80	3%	0
032.42	Potassium, ICP, Open vessel (%)	2129	1.230	0.0000	1.308	0.1047	0.0507	21	-0.75	3%	0
032.42	Potassium, ICP, Open vessel (%)	0504	1.246	0.0220	1.308	0.1047	0.0507	21	-0.60	2%	0
032.42	Potassium, ICP, Open vessel (%)	0693	1.270	0.1650	1.308	0.1047	0.0507	21	-0.37	1%	0
032.42	Potassium, ICP, Open vessel (%)	0263	1.272	0.0070	1.308	0.1047	0.0507	21	-0.35	1%	0
032.42	Potassium, ICP, Open vessel (%)	0870	1.284	0.0290	1.308	0.1047	0.0507	21	-0.24	1%	0
032.42	Potassium, ICP, Open vessel (%)	0294	1.285	0.0100	1.308	0.1047	0.0507	21	-0.22	1%	0
032.42	Potassium, ICP, Open vessel (%)	0357	1.299	0.0289	1.308	0.1047	0.0507	21	-0.09	0%	0
032.42	Potassium, ICP, Open vessel (%)	0037	1.301	0.0070	1.308	0.1047	0.0507	21	-0.08	0%	0
032.42	Potassium, ICP, Open vessel (%)	2433	1.301	0.0010	1.308	0.1047	0.0507	21	-0.07	0%	0
032.42	Potassium, ICP, Open vessel (%)	0042	1.340	0.0200	1.308	0.1047	0.0507	21	0.30	1%	0
032.42	Potassium, ICP, Open vessel (%)	0190	1.355	0.0100	1.308	0.1047	0.0507	21	0.44	2%	0
032.42	Potassium, ICP, Open vessel (%)	0726	1.380	0.0200	1.308	0.1047	0.0507	21	0.68	3%	0
032.42	Potassium, ICP, Open vessel (%)	0692	1.410	0.0200	1.308	0.1047	0.0507	21	0.97	4%	0
032.42	Potassium, ICP, Open vessel (%)	0366	1.415	0.0100	1.308	0.1047	0.0507	21	1.02	4%	0
032.42	Potassium, ICP, Open vessel (%)	0186	1.418	0.0203	1.308	0.1047	0.0507	21	1.04	4%	0
032.42	Potassium, ICP, Open vessel (%)	0009	1.469	0.1760	1.308	0.1047	0.0507	21	1.54	6%	0
032.42	Potassium, ICP, Open vessel (%)	2375	1.550	0.1600	1.308	0.1047	0.0507	21	2.31	9%	0
032.43	Potassium, ICP, Microwave (%)	0032	1.180	0.0000	1.277	0.0476	0.0326	32	-2.03	4%	0
032.43	Potassium, ICP, Microwave (%)	0027	1.199	0.0020	1.277	0.0476	0.0326	32	-1.63	3%	0
032.43	Potassium, ICP, Microwave (%)	0083	1.215	0.0100	1.277	0.0476	0.0326	32	-1.30	2%	0
032.43	Potassium, ICP, Microwave (%)	0610	1.215	0.0300	1.277	0.0476	0.0326	32	-1.30	2%	0

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			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
032.43	Potassium, ICP, Microwave (%)	0226	1.230	0.0000	1.277	0.0476	0.0326	32	-0.98	2%	0
032.43	Potassium, ICP, Microwave (%)	0345	1.235	0.0020	1.277	0.0476	0.0326	32	-0.88	2%	0
032.43	Potassium, ICP, Microwave (%)	0675	1.235	0.0100	1.277	0.0476	0.0326	32	-0.88	2%	0
032.43	Potassium, ICP, Microwave (%)	0036	1.246	0.0261	1.277	0.0476	0.0326	32	-0.65	1%	0
032.43	Potassium, ICP, Microwave (%)	0038	1.250	0.1200	1.277	0.0476	0.0326	32	-0.56	1%	0
032.43	Potassium, ICP, Microwave (%)	0354	1.260	0.0000	1.277	0.0476	0.0326	32	-0.35	1%	0
032.43	Potassium, ICP, Microwave (%)	0511	1.260	0.0600	1.277	0.0476	0.0326	32	-0.35	1%	0
032.43	Potassium, ICP, Microwave (%)	0682	1.260	0.0000	1.277	0.0476	0.0326	32	-0.35	1%	0
032.43	Potassium, ICP, Microwave (%)	0035	1.265	0.0700	1.277	0.0476	0.0326	32	-0.25	0%	0
032.43	Potassium, ICP, Microwave (%)	2322	1.265	0.0100	1.277	0.0476	0.0326	32	-0.25	0%	0
032.43	Potassium, ICP, Microwave (%)	0407	1.271	0.0348	1.277	0.0476	0.0326	32	-0.12	0%	0
032.43	Potassium, ICP, Microwave (%)	0968	1.273	0.0060	1.277	0.0476	0.0326	32	-0.08	0%	0
032.43	Potassium, ICP, Microwave (%)	0011	1.275	0.0700	1.277	0.0476	0.0326	32	-0.04	0%	0
032.43	Potassium, ICP, Microwave (%)	0297	1.275	0.0500	1.277	0.0476	0.0326	32	-0.04	0%	0
032.43	Potassium, ICP, Microwave (%)	0028	1.280	0.0600	1.277	0.0476	0.0326	32	0.07	0%	0
032.43	Potassium, ICP, Microwave (%)	0505	1.285	0.0300	1.277	0.0476	0.0326	32	0.17	0%	0
032.43	Potassium, ICP, Microwave (%)	0510	1.295	0.0300	1.277	0.0476	0.0326	32	0.39	1%	0
032.43	Potassium, ICP, Microwave (%)	0021	1.300	0.0000	1.277	0.0476	0.0326	32	0.49	1%	0
032.43	Potassium, ICP, Microwave (%)	0089	1.300	0.0000	1.277	0.0476	0.0326	32	0.49	1%	0
032.43	Potassium, ICP, Microwave (%)	0353	1.300	0.0200	1.277	0.0476	0.0326	32	0.49	1%	0
032.43	Potassium, ICP, Microwave (%)	0202	1.310	0.0800	1.277	0.0476	0.0326	32	0.70	1%	0
032.43	Potassium, ICP, Microwave (%)	0964	1.311	0.0085	1.277	0.0476	0.0326	32	0.72	1%	0
032.43	Potassium, ICP, Microwave (%)	0010	1.315	0.0100	1.277	0.0476	0.0326	32	0.81	2%	0
032.43	Potassium, ICP, Microwave (%)	0098	1.335	0.0300	1.277	0.0476	0.0326	32	1.23	2%	0
032.43	Potassium, ICP, Microwave (%)	0626	1.339	0.0190	1.277	0.0476	0.0326	32	1.30	2%	0
032.43	Potassium, ICP, Microwave (%)	2089	1.350	0.0200	1.277	0.0476	0.0326	32	1.54	3%	0
032.43	Potassium, ICP, Microwave (%)	2445	1.385	0.0100	1.277	0.0476	0.0326	32	2.28	4%	0
032.43	Potassium, ICP, Microwave (%)	2326	1.450	0.1000	1.277	0.0476	0.0326	32	3.64	7%	0
032.44	Potassium, ICP, Dry ash (%)	2114	1.225	0.0019				2			0
032.44	Potassium, ICP, Dry ash (%)	0164	1.370	0.0000				2			0
032.51	Potassium, ICP-MS, Dry ash (%)	2146	1.195	0.0300				1			0
032.52	Potassium, ICP-MS, Open vessel (%)	0154	1.240	0.0133				3			0
032.52	Potassium, ICP-MS, Open vessel (%)	2319	1.245	0.0100				3			0
032.52	Potassium, ICP-MS, Open vessel (%)	0186	1.311	0.0037				3			0
032.53	Potassium, ICP-MS, Microwave (%)	0407	1.222	0.0215				2			0
032.53	Potassium, ICP-MS, Microwave (%)	0939	1.300	0.0200				2			0
032.99	Potassium, Miscellaneous (%)	0100	1.240	0.0200	1.278	0.0431	0.0308	4			0
032.99	Potassium, Miscellaneous (%)	0242	1.245	0.0500	1.278	0.0431	0.0308	4			0
032.99	Potassium, Miscellaneous (%)	0123	1.300	0.0400	1.278	0.0431	0.0308	4			0
032.99	Potassium, Miscellaneous (%)	0001	1.329	0.0130	1.278	0.0431	0.0308	4			0
032.99	Potassium, Miscellaneous (%)	0590	1.265	0.1700	1.278	0.0431	0.0308	4			1
033.00	Salt as chloride, Sol Cl (%)	0183	0.3000	0.0000	0.9014	0.0835	0.0198	19	-7.20	33%	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	
033.00	Salt as chloride, Sol Cl (%)	0366	0.5750	0.0100	0.9014	0.0835	0.0198	19	-3.91	18%	0
033.00	Salt as chloride, Sol Cl (%)	0885	0.7832	0.0403	0.9014	0.0835	0.0198	19	-1.42	7%	0
033.00	Salt as chloride, Sol Cl (%)	0123	0.8500	0.0200	0.9014	0.0835	0.0198	19	-0.62	3%	0
033.00	Salt as chloride, Sol Cl (%)	0674	0.8500	0.0000	0.9014	0.0835	0.0198	19	-0.62	3%	0
033.00	Salt as chloride, Sol Cl (%)	0511	0.8650	0.0300	0.9014	0.0835	0.0198	19	-0.44	2%	0
033.00	Salt as chloride, Sol Cl (%)	2009	0.8805	0.0011	0.9014	0.0835	0.0198	19	-0.25	1%	0
033.00	Salt as chloride, Sol Cl (%)	2453	0.8926	0.0125	0.9014	0.0835	0.0198	19	-0.11	0%	0
033.00	Salt as chloride, Sol Cl (%)	2337	0.8950	0.0100	0.9014	0.0835	0.0198	19	-0.08	0%	0
033.00	Salt as chloride, Sol Cl (%)	0884	0.9050	0.0300	0.9014	0.0835	0.0198	19	0.04	0%	0
033.00	Salt as chloride, Sol Cl (%)	0921	0.9100	0.0000	0.9014	0.0835	0.0198	19	0.10	0%	0
033.00	Salt as chloride, Sol Cl (%)	0539	0.9150	0.0100	0.9014	0.0835	0.0198	19	0.16	1%	0
033.00	Salt as chloride, Sol Cl (%)	2146	0.9400	0.0200	0.9014	0.0835	0.0198	19	0.46	2%	0
033.00	Salt as chloride, Sol Cl (%)	2196	0.9500	0.0000	0.9014	0.0835	0.0198	19	0.58	3%	0
033.00	Salt as chloride, Sol Cl (%)	0353	0.9550	0.0100	0.9014	0.0835	0.0198	19	0.64	3%	0
033.00	Salt as chloride, Sol Cl (%)	2446	0.9595	0.0030	0.9014	0.0835	0.0198	19	0.70	3%	0
033.00	Salt as chloride, Sol Cl (%)	0045	0.9915	0.0370	0.9014	0.0835	0.0198	19	1.08	5%	0
033.00	Salt as chloride, Sol Cl (%)	0693	1.006	0.0000	0.9014	0.0835	0.0198	19	1.25	6%	0
033.00	Salt as chloride, Sol Cl (%)	0042	1.125	0.0500	0.9014	0.0835	0.0198	19	2.68	12%	0
033.00	Salt as chloride, Sol Cl (%)	0675	0.6600	0.2000	0.9014	0.0835	0.0198	19	-2.89	13%	1
033.01	Salt as chloride, Poten Cl (%)	0100	0.8800	0.0200	0.9604	0.0334	0.0154	26	-2.41	4%	0
033.01	Salt as chloride, Poten Cl (%)	0229	0.8950	0.0100	0.9604	0.0334	0.0154	26	-1.96	3%	0
033.01	Salt as chloride, Poten Cl (%)	0510	0.9150	0.0160	0.9604	0.0334	0.0154	26	-1.36	2%	0
033.01	Salt as chloride, Poten Cl (%)	0596	0.9200	0.0400	0.9604	0.0334	0.0154	26	-1.21	2%	0
033.01	Salt as chloride, Poten Cl (%)	0098	0.9400	0.0000	0.9604	0.0334	0.0154	26	-0.61	1%	0
033.01	Salt as chloride, Poten Cl (%)	0939	0.9400	0.0200	0.9604	0.0334	0.0154	26	-0.61	1%	0
033.01	Salt as chloride, Poten Cl (%)	0226	0.9450	0.0100	0.9604	0.0334	0.0154	26	-0.46	1%	0
033.01	Salt as chloride, Poten Cl (%)	0148	0.9480	0.0160	0.9604	0.0334	0.0154	26	-0.37	1%	0
033.01	Salt as chloride, Poten Cl (%)	0004	0.9500	0.0200	0.9604	0.0334	0.0154	26	-0.31	1%	0
033.01	Salt as chloride, Poten Cl (%)	0083	0.9500	0.0000	0.9604	0.0334	0.0154	26	-0.31	1%	0
033.01	Salt as chloride, Poten Cl (%)	2109	0.9525	0.0030	0.9604	0.0334	0.0154	26	-0.24	0%	0
033.01	Salt as chloride, Poten Cl (%)	0354	0.9580	0.0200	0.9604	0.0334	0.0154	26	-0.07	0%	0
033.01	Salt as chloride, Poten Cl (%)	0242	0.9600	0.0000	0.9604	0.0334	0.0154	26	-0.01	0%	0
033.01	Salt as chloride, Poten Cl (%)	0948	0.9600	0.0000	0.9604	0.0334	0.0154	26	-0.01	0%	0
033.01	Salt as chloride, Poten Cl (%)	2375	0.9600	0.0000	0.9604	0.0334	0.0154	26	-0.01	0%	0
033.01	Salt as chloride, Poten Cl (%)	2190	0.9627	0.0024	0.9604	0.0334	0.0154	26	0.07	0%	0
033.01	Salt as chloride, Poten Cl (%)	0001	0.9650	0.0100	0.9604	0.0334	0.0154	26	0.14	0%	0
033.01	Salt as chloride, Poten Cl (%)	0164	0.9700	0.0000	0.9604	0.0334	0.0154	26	0.29	1%	0
033.01	Salt as chloride, Poten Cl (%)	2146	0.9700	0.0000	0.9604	0.0334	0.0154	26	0.29	1%	0
033.01	Salt as chloride, Poten Cl (%)	0407	0.9765	0.0010	0.9604	0.0334	0.0154	26	0.48	1%	0
033.01	Salt as chloride, Poten Cl (%)	2319	0.9800	0.0000	0.9604	0.0334	0.0154	26	0.59	1%	0
033.01	Salt as chloride, Poten Cl (%)	0590	0.9850	0.0500	0.9604	0.0334	0.0154	26	0.74	1%	0
033.01	Salt as chloride, Poten Cl (%)	2268	1.010	0.0200	0.9604	0.0334	0.0154	26	1.49	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	
033.01	Salt as chloride, Poten Cl (%)	0019	1.020	0.0000	0.9604	0.0334	0.0154	26	1.79	3%	0
033.01	Salt as chloride, Poten Cl (%)	0186	1.020	0.0000	0.9604	0.0334	0.0154	26	1.79	3%	0
033.01	Salt as chloride, Poten Cl (%)	0682	1.190	0.0000	0.9604	0.0334	0.0154	26	6.88	12%	0
033.01	Salt as chloride, Poten Cl (%)	0003	0.9500	0.1000	0.9604	0.0334	0.0154	26	-0.31	1%	1
033.01	Salt as chloride, Poten Cl (%)	0278	0.9650	0.1100	0.9604	0.0334	0.0154	26	0.14	0%	1
033.03	Salt as chloride, Quantab (%)	2076	0.7450	0.0500	0.9410	0.1690	0.0875	5			0
033.03	Salt as chloride, Quantab (%)	0505	0.8000	0.0000	0.9410	0.1690	0.0875	5			0
033.03	Salt as chloride, Quantab (%)	0190	0.9600	0.0800	0.9410	0.1690	0.0875	5			0
033.03	Salt as chloride, Quantab (%)	0726	1.050	0.0600	0.9410	0.1690	0.0875	5			0
033.03	Salt as chloride, Quantab (%)	0144	1.150	0.1600	0.9410	0.1690	0.0875	5			0
033.05	Salt as chloride, Ion Sel Electrode (%)	2433	0.5969	0.0030				3			0
033.05	Salt as chloride, Ion Sel Electrode (%)	0171	0.7900	0.0000				3			0
033.05	Salt as chloride, Ion Sel Electrode (%)	2434	0.8600	0.0000				3			0
033.05	Salt as chloride, Ion Sel Electrode (%)	0689	0.9400	0.0200				3			1
033.99	Salt, Miscellaneous (%)	2326	0.5300	0.0800	0.8537	0.2260	0.0452	7	-1.43	19%	0
033.99	Salt, Miscellaneous (%)	0536	0.6100	0.0200	0.8537	0.2260	0.0452	7	-1.08	14%	0
033.99	Salt, Miscellaneous (%)	0910	0.9100	0.0600	0.8537	0.2260	0.0452	7	0.25	3%	0
033.99	Salt, Miscellaneous (%)	0650	0.9300	0.0000	0.8537	0.2260	0.0452	7	0.34	4%	0
033.99	Salt, Miscellaneous (%)	2129	0.9606	0.0011	0.8537	0.2260	0.0452	7	0.47	6%	0
033.99	Salt, Miscellaneous (%)	0358	1.015	0.0500	0.8537	0.2260	0.0452	7	0.71	9%	0
033.99	Salt, Miscellaneous (%)	2246	1.020	0.0600	0.8537	0.2260	0.0452	7	0.74	10%	0
034.01	Selenium, Total (Se), Fluor (ppm)	0038	0.5570	0.0060				1			0
034.04	Selenium, Total (Se), AA, Hydride (ppm)	0171	0.4050	0.0100				3			0
034.04	Selenium, Total (Se), AA, Hydride (ppm)	0563	0.4486	0.0269				3			0
034.04	Selenium, Total (Se), AA, Hydride (ppm)	0169	0.4850	0.0100				3			0
034.04	Selenium, Total (Se), AA, Hydride (ppm)	0045	0.3140	0.1260				3			1
034.41	Selenium, Total (Se), ICP, Dry ash (ppm)	0148	0.5210	0.0020				1			0
034.42	Selenium, Total (Se), ICP, Open vessel (ppm)	2433	0.9430	0.0620				1			0
034.42	Selenium, Total (Se), ICP, Open vessel (ppm)	0692	< 1					1			5
034.43	Selenium, Total (Se), ICP, Microwave (ppm)	2114	0.4248	0.0235				2			0
034.43	Selenium, Total (Se), ICP, Microwave (ppm)	0066	0.4345	0.0270				2			0
034.43	Selenium, Total (Se), ICP, Microwave (ppm)	0682	< 5					2			5
034.43	Selenium, Total (Se), ICP, Microwave (ppm)	0021	< 22					2			5
034.52	Selenium, Total (Se), ICP-MS, Open vessel (ppm)	0560	0.5277	0.0389				3			0
034.52	Selenium, Total (Se), ICP-MS, Open vessel (ppm)	0910	0.5300	0.0200				3			0
034.52	Selenium, Total (Se), ICP-MS, Open vessel (ppm)	0186	0.7721	0.0041				3			0
034.53	Selenium, Total (Se), ICP-MS, Microwave (ppm)	0009	0.3959	0.0421	0.5453	0.0985	0.0318	8	-1.52	14%	0
034.53	Selenium, Total (Se), ICP-MS, Microwave (ppm)	0164	0.4685	0.0210	0.5453	0.0985	0.0318	8	-0.78	7%	0
034.53	Selenium, Total (Se), ICP-MS, Microwave (ppm)	0047	0.5300	0.0200	0.5453	0.0985	0.0318	8	-0.15	1%	0
034.53	Selenium, Total (Se), ICP-MS, Microwave (ppm)	2055	0.5350	0.0100	0.5453	0.0985	0.0318	8	-0.10	1%	0
034.53	Selenium, Total (Se), ICP-MS, Microwave (ppm)	0610	0.5650	0.0100	0.5453	0.0985	0.0318	8	0.20	2%	0
034.53	Selenium, Total (Se), ICP-MS, Microwave (ppm)	0021	0.5700	0.0600	0.5453	0.0985	0.0318	8	0.25	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	
034.53	Selenium, Total (Se), ICP-MS, Microwave (ppr)	0407	0.6030	0.1286	0.5453	0.0985	0.0318	8	0.59	5%	0
034.53	Selenium, Total (Se), ICP-MS, Microwave (ppr)	0032	0.7600	0.0200	0.5453	0.0985	0.0318	8	2.18	20%	0
034.99	Selenium, Total (Se), Miscellaneous (ppm)	0190	1.080	0.0090				1			0
035.02	Sodium, Em Spect (%)	0884	0.3900	0.0000				1			0
035.05	Sodium, Flame Emission (%)	2392	0.4050	0.0300				2			0
035.05	Sodium, Flame Emission (%)	0108	0.4150	0.0100				2			0
035.31	Sodium, AAS, Dry ash (%)	0622	0.3566	0.0433	0.4331	0.0631	0.0186	10	-1.21	9%	0
035.31	Sodium, AAS, Dry ash (%)	0939	0.3700	0.0000	0.4331	0.0631	0.0186	10	-1.00	7%	0
035.31	Sodium, AAS, Dry ash (%)	2196	0.4000	0.0000	0.4331	0.0631	0.0186	10	-0.53	4%	0
035.31	Sodium, AAS, Dry ash (%)	0563	0.4052	0.0083	0.4331	0.0631	0.0186	10	-0.44	3%	0
035.31	Sodium, AAS, Dry ash (%)	0656	0.4200	0.0000	0.4331	0.0631	0.0186	10	-0.21	2%	0
035.31	Sodium, AAS, Dry ash (%)	2097	0.4224	0.0070	0.4331	0.0631	0.0186	10	-0.17	1%	0
035.31	Sodium, AAS, Dry ash (%)	0948	0.4600	0.0000	0.4331	0.0631	0.0186	10	0.43	3%	0
035.31	Sodium, AAS, Dry ash (%)	0529	0.4645	0.0130	0.4331	0.0631	0.0186	10	0.50	4%	0
035.31	Sodium, AAS, Dry ash (%)	2246	0.5050	0.0100	0.4331	0.0631	0.0186	10	1.14	8%	0
035.31	Sodium, AAS, Dry ash (%)	0536	1.565	0.0300	0.4331	0.0631	0.0186	10	17.95	131%	0
035.41	Sodium, ICP, Dry ash (%)	2259	0.3650	0.0200	0.4146	0.0161	0.0112	15	-3.08	6%	0
035.41	Sodium, ICP, Dry ash (%)	0910	0.3950	0.0100	0.4146	0.0161	0.0112	15	-1.21	2%	0
035.41	Sodium, ICP, Dry ash (%)	0358	0.4000	0.0200	0.4146	0.0161	0.0112	15	-0.90	2%	0
035.41	Sodium, ICP, Dry ash (%)	2114	0.4027	0.0048	0.4146	0.0161	0.0112	15	-0.74	1%	0
035.41	Sodium, ICP, Dry ash (%)	0226	0.4050	0.0100	0.4146	0.0161	0.0112	15	-0.59	1%	0
035.41	Sodium, ICP, Dry ash (%)	0229	0.4050	0.0100	0.4146	0.0161	0.0112	15	-0.59	1%	0
035.41	Sodium, ICP, Dry ash (%)	0407	0.4159	0.0139	0.4146	0.0161	0.0112	15	0.08	0%	0
035.41	Sodium, ICP, Dry ash (%)	0098	0.4200	0.0000	0.4146	0.0161	0.0112	15	0.34	1%	0
035.41	Sodium, ICP, Dry ash (%)	0144	0.4200	0.0200	0.4146	0.0161	0.0112	15	0.34	1%	0
035.41	Sodium, ICP, Dry ash (%)	0598	0.4211	0.0087	0.4146	0.0161	0.0112	15	0.40	1%	0
035.41	Sodium, ICP, Dry ash (%)	0066	0.4220	0.0100	0.4146	0.0161	0.0112	15	0.46	1%	0
035.41	Sodium, ICP, Dry ash (%)	0148	0.4230	0.0040	0.4146	0.0161	0.0112	15	0.52	1%	0
035.41	Sodium, ICP, Dry ash (%)	0723	0.4252	0.0005	0.4146	0.0161	0.0112	15	0.66	1%	0
035.41	Sodium, ICP, Dry ash (%)	0164	0.4345	0.0050	0.4146	0.0161	0.0112	15	1.24	2%	0
035.41	Sodium, ICP, Dry ash (%)	0004	0.4400	0.0200	0.4146	0.0161	0.0112	15	1.58	3%	0
035.42	Sodium, ICP, Open vessel (%)	0045	0.3835	0.0050	0.4297	0.0268	0.0096	18	-1.72	5%	0
035.42	Sodium, ICP, Open vessel (%)	2319	0.4040	0.0020	0.4297	0.0268	0.0096	18	-0.96	3%	0
035.42	Sodium, ICP, Open vessel (%)	0294	0.4050	0.0100	0.4297	0.0268	0.0096	18	-0.92	3%	0
035.42	Sodium, ICP, Open vessel (%)	0504	0.4050	0.0100	0.4297	0.0268	0.0096	18	-0.92	3%	0
035.42	Sodium, ICP, Open vessel (%)	2129	0.4088	0.0019	0.4297	0.0268	0.0096	18	-0.78	2%	0
035.42	Sodium, ICP, Open vessel (%)	0037	0.4170	0.0020	0.4297	0.0268	0.0096	18	-0.47	1%	0
035.42	Sodium, ICP, Open vessel (%)	0278	0.4200	0.0400	0.4297	0.0268	0.0096	18	-0.36	1%	0
035.42	Sodium, ICP, Open vessel (%)	0263	0.4215	0.0070	0.4297	0.0268	0.0096	18	-0.31	1%	0
035.42	Sodium, ICP, Open vessel (%)	0870	0.4217	0.0080	0.4297	0.0268	0.0096	18	-0.30	1%	0
035.42	Sodium, ICP, Open vessel (%)	0190	0.4300	0.0000	0.4297	0.0268	0.0096	18	0.01	0%	0
035.42	Sodium, ICP, Open vessel (%)	0357	0.4310	0.0064	0.4297	0.0268	0.0096	18	0.05	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	
035.42	Sodium, ICP, Open vessel (%)	2375	0.4350	0.0100	0.4297	0.0268	0.0096	18	0.20	1%	0
035.42	Sodium, ICP, Open vessel (%)	0042	0.4435	0.0170	0.4297	0.0268	0.0096	18	0.51	2%	0
035.42	Sodium, ICP, Open vessel (%)	0726	0.4500	0.0000	0.4297	0.0268	0.0096	18	0.76	2%	0
035.42	Sodium, ICP, Open vessel (%)	0692	0.4600	0.0200	0.4297	0.0268	0.0096	18	1.13	4%	0
035.42	Sodium, ICP, Open vessel (%)	0186	0.4602	0.0044	0.4297	0.0268	0.0096	18	1.14	4%	0
035.42	Sodium, ICP, Open vessel (%)	0366	0.4625	0.0130	0.4297	0.0268	0.0096	18	1.22	4%	0
035.42	Sodium, ICP, Open vessel (%)	2433	0.5535	0.0168	0.4297	0.0268	0.0096	18	4.62	14%	0
035.42	Sodium, ICP, Open vessel (%)	0693	0.4160	0.0700	0.4297	0.0268	0.0096	18	-0.51	2%	1
035.43	Sodium, ICP, Microwave (%)	0089	0.2900	0.0000	0.4229	0.0168	0.0088	25	-7.91	16%	0
035.43	Sodium, ICP, Microwave (%)	0032	0.3900	0.0000	0.4229	0.0168	0.0088	25	-1.96	4%	0
035.43	Sodium, ICP, Microwave (%)	0297	0.4050	0.0100	0.4229	0.0168	0.0088	25	-1.07	2%	0
035.43	Sodium, ICP, Microwave (%)	0511	0.4050	0.0100	0.4229	0.0168	0.0088	25	-1.07	2%	0
035.43	Sodium, ICP, Microwave (%)	0682	0.4100	0.0000	0.4229	0.0168	0.0088	25	-0.77	2%	0
035.43	Sodium, ICP, Microwave (%)	2322	0.4100	0.0000	0.4229	0.0168	0.0088	25	-0.77	2%	0
035.43	Sodium, ICP, Microwave (%)	0354	0.4115	0.0010	0.4229	0.0168	0.0088	25	-0.68	1%	0
035.43	Sodium, ICP, Microwave (%)	0505	0.4150	0.0100	0.4229	0.0168	0.0088	25	-0.47	1%	0
035.43	Sodium, ICP, Microwave (%)	0407	0.4167	0.0079	0.4229	0.0168	0.0088	25	-0.37	1%	0
035.43	Sodium, ICP, Microwave (%)	0968	0.4190	0.0040	0.4229	0.0168	0.0088	25	-0.23	0%	0
035.43	Sodium, ICP, Microwave (%)	0035	0.4200	0.0200	0.4229	0.0168	0.0088	25	-0.17	0%	0
035.43	Sodium, ICP, Microwave (%)	0083	0.4200	0.0000	0.4229	0.0168	0.0088	25	-0.17	0%	0
035.43	Sodium, ICP, Microwave (%)	0610	0.4200	0.0000	0.4229	0.0168	0.0088	25	-0.17	0%	0
035.43	Sodium, ICP, Microwave (%)	0226	0.4250	0.0100	0.4229	0.0168	0.0088	25	0.12	0%	0
035.43	Sodium, ICP, Microwave (%)	0675	0.4250	0.0100	0.4229	0.0168	0.0088	25	0.12	0%	0
035.43	Sodium, ICP, Microwave (%)	0510	0.4255	0.0210	0.4229	0.0168	0.0088	25	0.15	0%	0
035.43	Sodium, ICP, Microwave (%)	0021	0.4300	0.0000	0.4229	0.0168	0.0088	25	0.42	1%	0
035.43	Sodium, ICP, Microwave (%)	0202	0.4300	0.0200	0.4229	0.0168	0.0088	25	0.42	1%	0
035.43	Sodium, ICP, Microwave (%)	0353	0.4305	0.0006	0.4229	0.0168	0.0088	25	0.45	1%	0
035.43	Sodium, ICP, Microwave (%)	0964	0.4371	0.0028	0.4229	0.0168	0.0088	25	0.84	2%	0
035.43	Sodium, ICP, Microwave (%)	0098	0.4400	0.0000	0.4229	0.0168	0.0088	25	1.02	2%	0
035.43	Sodium, ICP, Microwave (%)	0626	0.4410	0.0040	0.4229	0.0168	0.0088	25	1.08	2%	0
035.43	Sodium, ICP, Microwave (%)	2089	0.4450	0.0100	0.4229	0.0168	0.0088	25	1.31	3%	0
035.43	Sodium, ICP, Microwave (%)	0345	0.4625	0.0030	0.4229	0.0168	0.0088	25	2.36	5%	0
035.43	Sodium, ICP, Microwave (%)	2326	0.4650	0.0100	0.4229	0.0168	0.0088	25	2.51	5%	0
035.52	Sodium, ICP-MS, Open vessel (%)	0154	0.4224	0.0016				2			0
035.52	Sodium, ICP-MS, Open vessel (%)	0186	0.4423	0.0054				2			0
035.53	Sodium, ICP-MS, Microwave (%)	0939	0.3950	0.0100				2			0
035.53	Sodium, ICP-MS, Microwave (%)	0407	0.4004	0.0068				2			0
035.99	Sodium, Miscellaneous (%)	0590	0.4050	0.0100	0.4138	0.0111	0.0175	4			0
035.99	Sodium, Miscellaneous (%)	0100	0.4100	0.0200	0.4138	0.0111	0.0175	4			0
035.99	Sodium, Miscellaneous (%)	0242	0.4100	0.0200	0.4138	0.0111	0.0175	4			0
035.99	Sodium, Miscellaneous (%)	0123	0.4300	0.0200	0.4138	0.0111	0.0175	4			0
036.00	Sulfur, Gravimetric (%)	0038	0.5500	0.0940				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			
036.04	Sulfur, LECO (%)	0001	0.4805	0.0030	0.5279	0.0367	0.0036	4			0
036.04	Sulfur, LECO (%)	0148	0.5195	0.0010	0.5279	0.0367	0.0036	4			0
036.04	Sulfur, LECO (%)	0948	0.5464	0.0002	0.5279	0.0367	0.0036	4			0
036.04	Sulfur, LECO (%)	0226	0.5650	0.0100	0.5279	0.0367	0.0036	4			0
036.04	Sulfur, LECO (%)	0229	0.4850	0.0300	0.5279	0.0367	0.0036	4			1
036.42	Sulfur, ICP, Open vessel (%)	2129	0.4303	0.0169	0.5098	0.0332	0.0150	18	-2.40	8%	0
036.42	Sulfur, ICP, Open vessel (%)	0294	0.4600	0.0000	0.5098	0.0332	0.0150	18	-1.50	5%	0
036.42	Sulfur, ICP, Open vessel (%)	0171	0.4750	0.0100	0.5098	0.0332	0.0150	18	-1.05	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0693	0.4790	0.0540	0.5098	0.0332	0.0150	18	-0.93	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0870	0.4866	0.0137	0.5098	0.0332	0.0150	18	-0.70	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0042	0.4955	0.0150	0.5098	0.0332	0.0150	18	-0.43	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0357	0.5001	0.0080	0.5098	0.0332	0.0150	18	-0.29	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0366	0.5100	0.0000	0.5098	0.0332	0.0150	18	0.01	0%	0
036.42	Sulfur, ICP, Open vessel (%)	0407	0.5100	0.0030	0.5098	0.0332	0.0150	18	0.01	0%	0
036.42	Sulfur, ICP, Open vessel (%)	0164	0.5150	0.0100	0.5098	0.0332	0.0150	18	0.16	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0278	0.5200	0.0600	0.5098	0.0332	0.0150	18	0.31	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0692	0.5200	0.0400	0.5098	0.0332	0.0150	18	0.31	1%	0
036.42	Sulfur, ICP, Open vessel (%)	2375	0.5300	0.0200	0.5098	0.0332	0.0150	18	0.61	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0708	0.5330	0.0060	0.5098	0.0332	0.0150	18	0.70	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0037	0.5370	0.0200	0.5098	0.0332	0.0150	18	0.82	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0186	0.5409	0.0070	0.5098	0.0332	0.0150	18	0.94	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0190	0.5450	0.0100	0.5098	0.0332	0.0150	18	1.06	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0726	0.5650	0.0100	0.5098	0.0332	0.0150	18	1.66	5%	0
036.42	Sulfur, ICP, Open vessel (%)	0045	0.5160	0.1160	0.5098	0.0332	0.0150	18	0.19	1%	1
036.42	Sulfur, ICP, Open vessel (%)	0910	4,366	0.0000	0.5098	0.0332	0.0150	18	>100	428142%	2
036.43	Sulfur, ICP, Microwave (%)	0083	0.4700	0.0000	0.5295	0.0365	0.0130	20	-1.63	6%	0
036.43	Sulfur, ICP, Microwave (%)	0297	0.4700	0.0200	0.5295	0.0365	0.0130	20	-1.63	6%	0
036.43	Sulfur, ICP, Microwave (%)	0032	0.4750	0.0100	0.5295	0.0365	0.0130	20	-1.49	5%	0
036.43	Sulfur, ICP, Microwave (%)	0035	0.5100	0.0200	0.5295	0.0365	0.0130	20	-0.53	2%	0
036.43	Sulfur, ICP, Microwave (%)	0407	0.5122	0.0028	0.5295	0.0365	0.0130	20	-0.47	2%	0
036.43	Sulfur, ICP, Microwave (%)	0226	0.5125	0.0050	0.5295	0.0365	0.0130	20	-0.47	2%	0
036.43	Sulfur, ICP, Microwave (%)	0038	0.5140	0.0800	0.5295	0.0365	0.0130	20	-0.43	1%	0
036.43	Sulfur, ICP, Microwave (%)	0027	0.5190	0.0020	0.5295	0.0365	0.0130	20	-0.29	1%	0
036.43	Sulfur, ICP, Microwave (%)	0169	0.5250	0.0100	0.5295	0.0365	0.0130	20	-0.12	0%	0
036.43	Sulfur, ICP, Microwave (%)	0964	0.5334	0.0266	0.5295	0.0365	0.0130	20	0.11	0%	0
036.43	Sulfur, ICP, Microwave (%)	0021	0.5350	0.0100	0.5295	0.0365	0.0130	20	0.15	1%	0
036.43	Sulfur, ICP, Microwave (%)	0202	0.5350	0.0100	0.5295	0.0365	0.0130	20	0.15	1%	0
036.43	Sulfur, ICP, Microwave (%)	0098	0.5385	0.0202	0.5295	0.0365	0.0130	20	0.25	1%	0
036.43	Sulfur, ICP, Microwave (%)	0345	0.5440	0.0040	0.5295	0.0365	0.0130	20	0.40	1%	0
036.43	Sulfur, ICP, Microwave (%)	0510	0.5450	0.0100	0.5295	0.0365	0.0130	20	0.42	1%	0
036.43	Sulfur, ICP, Microwave (%)	0353	0.5500	0.0200	0.5295	0.0365	0.0130	20	0.56	2%	0
036.43	Sulfur, ICP, Microwave (%)	0682	0.5500	0.0000	0.5295	0.0365	0.0130	20	0.56	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 (%)	2089	0.5750	0.0100	0.5295	0.0365	0.0130	20	1.25	4%	0
036.43	Sulfur, ICP, Microwave (%)	0066	0.5830	0.0180	0.5295	0.0365	0.0130	20	1.47	5%	0
036.43	Sulfur, ICP, Microwave (%)	0505	0.5850	0.0100	0.5295	0.0365	0.0130	20	1.52	5%	0
036.43	Sulfur, ICP, Microwave (%)	2326	1.230	1.140	0.5295	0.0365	0.0130	20	19.19	66%	2
036.52	Sulfur, ICP-MS, Open vessel (%)	0186	0.5466	0.0127				1			0
036.99	Sulfur, Miscellaneous (%)	0242	0.4900	0.0200				1			0
037.31	Zinc, AAS, Dry ash (ppm)	2246	163.6	0.2200	217.0	11.21	6.002	13	-4.77	12%	0
037.31	Zinc, AAS, Dry ash (ppm)	2196	207.9	0.0000	217.0	11.21	6.002	13	-0.82	2%	0
037.31	Zinc, AAS, Dry ash (ppm)	0001	209.5	5.400	217.0	11.21	6.002	13	-0.67	2%	0
037.31	Zinc, AAS, Dry ash (ppm)	0689	210.3	13.00	217.0	11.21	6.002	13	-0.60	2%	0
037.31	Zinc, AAS, Dry ash (ppm)	0884	210.5	2.400	217.0	11.21	6.002	13	-0.58	2%	0
037.31	Zinc, AAS, Dry ash (ppm)	0563	214.8	11.03	217.0	11.21	6.002	13	-0.20	1%	0
037.31	Zinc, AAS, Dry ash (ppm)	0939	216.5	1.000	217.0	11.21	6.002	13	-0.05	0%	0
037.31	Zinc, AAS, Dry ash (ppm)	0529	218.1	1.000	217.0	11.21	6.002	13	0.09	0%	0
037.31	Zinc, AAS, Dry ash (ppm)	0656	219.6	0.0000	217.0	11.21	6.002	13	0.22	1%	0
037.31	Zinc, AAS, Dry ash (ppm)	0622	221.7	19.27	217.0	11.21	6.002	13	0.42	1%	0
037.31	Zinc, AAS, Dry ash (ppm)	0651	224.8	7.773	217.0	11.21	6.002	13	0.69	2%	0
037.31	Zinc, AAS, Dry ash (ppm)	2097	251.0	6.000	217.0	11.21	6.002	13	3.03	8%	0
037.31	Zinc, AAS, Dry ash (ppm)	0536	362.5	3.650	217.0	11.21	6.002	13	12.97	34%	0
037.32	Zinc, AAS, Open vessel (ppm)	0038	206.0	6.000				1			0
037.33	Zinc, AAS, Microwave (ppm)	0010	210.4	8.300				2			0
037.33	Zinc, AAS, Microwave (ppm)	0948	213.0	1.390				2			0
037.34	Zinc, AAS, Dry ash (ppm)	2188	272.3	0.0000				1			0
037.41	Zinc, ICP, Dry ash (ppm)	0848	188.0	0.0140	209.8	17.93	4.775	14	-1.21	5%	0
037.41	Zinc, ICP, Dry ash (ppm)	0358	188.7	6.760	209.8	17.93	4.775	14	-1.17	5%	0
037.41	Zinc, ICP, Dry ash (ppm)	0910	191.0	12.00	209.8	17.93	4.775	14	-1.05	4%	0
037.41	Zinc, ICP, Dry ash (ppm)	0226	196.2	6.150	209.8	17.93	4.775	14	-0.76	3%	0
037.41	Zinc, ICP, Dry ash (ppm)	0674	202.4	0.0000	209.8	17.93	4.775	14	-0.41	2%	0
037.41	Zinc, ICP, Dry ash (ppm)	0098	204.3	0.5000	209.8	17.93	4.775	14	-0.31	1%	0
037.41	Zinc, ICP, Dry ash (ppm)	0019	209.3	9.100	209.8	17.93	4.775	14	-0.03	0%	0
037.41	Zinc, ICP, Dry ash (ppm)	0598	212.7	2.094	209.8	17.93	4.775	14	0.17	1%	0
037.41	Zinc, ICP, Dry ash (ppm)	0148	216.6	0.5900	209.8	17.93	4.775	14	0.38	2%	0
037.41	Zinc, ICP, Dry ash (ppm)	0229	217.0	14.30	209.8	17.93	4.775	14	0.40	2%	0
037.41	Zinc, ICP, Dry ash (ppm)	0407	217.9	0.6607	209.8	17.93	4.775	14	0.46	2%	0
037.41	Zinc, ICP, Dry ash (ppm)	0171	219.3	2.400	209.8	17.93	4.775	14	0.53	2%	0
037.41	Zinc, ICP, Dry ash (ppm)	0004	240.9	6.120	209.8	17.93	4.775	14	1.73	7%	0
037.41	Zinc, ICP, Dry ash (ppm)	0723	269.2	3.600	209.8	17.93	4.775	14	3.32	14%	0
037.42	Zinc, ICP, Open vessel (ppm)	0026	151.9	30.27	220.5	21.14	8.373	21	-3.24	16%	0
037.42	Zinc, ICP, Open vessel (ppm)	0870	179.3	1.400	220.5	21.14	8.373	21	-1.95	9%	0
037.42	Zinc, ICP, Open vessel (ppm)	0186	200.4	2.920	220.5	21.14	8.373	21	-0.95	5%	0
037.42	Zinc, ICP, Open vessel (ppm)	2129	202.0	2.500	220.5	21.14	8.373	21	-0.88	4%	0
037.42	Zinc, ICP, Open vessel (ppm)	0693	203.9	17.83	220.5	21.14	8.373	21	-0.78	4%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
037.42	Zinc, ICP, Open vessel (ppm)	0045	209.0	38.00	220.5	21.14	8.373	21	-0.54	3%	0
037.42	Zinc, ICP, Open vessel (ppm)	2319	209.5	3.000	220.5	21.14	8.373	21	-0.52	2%	0
037.42	Zinc, ICP, Open vessel (ppm)	0190	214.2	0.7400	220.5	21.14	8.373	21	-0.30	1%	0
037.42	Zinc, ICP, Open vessel (ppm)	0366	215.5	1.000	220.5	21.14	8.373	21	-0.23	1%	0
037.42	Zinc, ICP, Open vessel (ppm)	0294	217.6	2.760	220.5	21.14	8.373	21	-0.13	1%	0
037.42	Zinc, ICP, Open vessel (ppm)	0263	219.8	3.867	220.5	21.14	8.373	21	-0.03	0%	0
037.42	Zinc, ICP, Open vessel (ppm)	0009	220.0	8.000	220.5	21.14	8.373	21	-0.02	0%	0
037.42	Zinc, ICP, Open vessel (ppm)	0278	220.8	31.80	220.5	21.14	8.373	21	0.02	0%	0
037.42	Zinc, ICP, Open vessel (ppm)	0357	227.5	2.502	220.5	21.14	8.373	21	0.33	2%	0
037.42	Zinc, ICP, Open vessel (ppm)	0726	233.6	0.7000	220.5	21.14	8.373	21	0.62	3%	0
037.42	Zinc, ICP, Open vessel (ppm)	2433	235.2	0.9143	220.5	21.14	8.373	21	0.70	3%	0
037.42	Zinc, ICP, Open vessel (ppm)	0042	235.5	7.000	220.5	21.14	8.373	21	0.71	3%	0
037.42	Zinc, ICP, Open vessel (ppm)	0037	239.6	7.900	220.5	21.14	8.373	21	0.90	4%	0
037.42	Zinc, ICP, Open vessel (ppm)	0692	244.0	44.00	220.5	21.14	8.373	21	1.11	5%	0
037.42	Zinc, ICP, Open vessel (ppm)	2375	254.5	17.00	220.5	21.14	8.373	21	1.61	8%	0
037.42	Zinc, ICP, Open vessel (ppm)	0504	255.0	2.000	220.5	21.14	8.373	21	1.63	8%	0
037.43	Zinc, ICP, Microwave (ppm)	2322	188.7	4.440	213.1	15.16	5.237	29	-1.61	6%	0
037.43	Zinc, ICP, Microwave (ppm)	0505	190.8	3.900	213.1	15.16	5.237	29	-1.48	5%	0
037.43	Zinc, ICP, Microwave (ppm)	0511	191.0	8.000	213.1	15.16	5.237	29	-1.46	5%	0
037.43	Zinc, ICP, Microwave (ppm)	0610	195.0	2.000	213.1	15.16	5.237	29	-1.19	4%	0
037.43	Zinc, ICP, Microwave (ppm)	0968	196.2	0.6750	213.1	15.16	5.237	29	-1.12	4%	0
037.43	Zinc, ICP, Microwave (ppm)	0407	204.1	3.045	213.1	15.16	5.237	29	-0.60	2%	0
037.43	Zinc, ICP, Microwave (ppm)	0675	206.4	0.2900	213.1	15.16	5.237	29	-0.44	2%	0
037.43	Zinc, ICP, Microwave (ppm)	2445	206.7	1.570	213.1	15.16	5.237	29	-0.42	1%	0
037.43	Zinc, ICP, Microwave (ppm)	0297	207.0	8.000	213.1	15.16	5.237	29	-0.40	1%	0
037.43	Zinc, ICP, Microwave (ppm)	0510	207.0	6.000	213.1	15.16	5.237	29	-0.40	1%	0
037.43	Zinc, ICP, Microwave (ppm)	0226	208.4	4.450	213.1	15.16	5.237	29	-0.31	1%	0
037.43	Zinc, ICP, Microwave (ppm)	0083	208.5	1.000	213.1	15.16	5.237	29	-0.30	1%	0
037.43	Zinc, ICP, Microwave (ppm)	0354	210.4	8.290	213.1	15.16	5.237	29	-0.18	1%	0
037.43	Zinc, ICP, Microwave (ppm)	2326	211.5	13.00	213.1	15.16	5.237	29	-0.11	0%	0
037.43	Zinc, ICP, Microwave (ppm)	0032	212.9	6.500	213.1	15.16	5.237	29	-0.02	0%	0
037.43	Zinc, ICP, Microwave (ppm)	0964	213.0	6.000	213.1	15.16	5.237	29	-0.01	0%	0
037.43	Zinc, ICP, Microwave (ppm)	0682	213.7	0.0000	213.1	15.16	5.237	29	0.04	0%	0
037.43	Zinc, ICP, Microwave (ppm)	0169	215.0	8.000	213.1	15.16	5.237	29	0.12	0%	0
037.43	Zinc, ICP, Microwave (ppm)	2089	219.0	2.690	213.1	15.16	5.237	29	0.39	1%	0
037.43	Zinc, ICP, Microwave (ppm)	0626	219.0	5.240	213.1	15.16	5.237	29	0.39	1%	0
037.43	Zinc, ICP, Microwave (ppm)	0021	220.0	0.0000	213.1	15.16	5.237	29	0.45	2%	0
037.43	Zinc, ICP, Microwave (ppm)	0035	220.0	12.00	213.1	15.16	5.237	29	0.45	2%	0
037.43	Zinc, ICP, Microwave (ppm)	0848	221.5	3.256	213.1	15.16	5.237	29	0.55	2%	0
037.43	Zinc, ICP, Microwave (ppm)	0027	222.7	3.243	213.1	15.16	5.237	29	0.63	2%	0
037.43	Zinc, ICP, Microwave (ppm)	0028	226.9	8.730	213.1	15.16	5.237	29	0.91	3%	0
037.43	Zinc, ICP, Microwave (ppm)	0098	241.6	11.40	213.1	15.16	5.237	29	1.88	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	
037.43	Zinc, ICP, Microwave (ppm)	0345	242.9	0.7000	213.1	15.16	5.237	29	1.96	7%	0
037.43	Zinc, ICP, Microwave (ppm)	0353	243.5	5.000	213.1	15.16	5.237	29	2.00	7%	0
037.43	Zinc, ICP, Microwave (ppm)	0038	254.0	8.000	213.1	15.16	5.237	29	2.70	10%	0
037.43	Zinc, ICP, Microwave (ppm)	0202	213.0	40.00	213.1	15.16	5.237	29	-0.01	0%	1
037.44	Zinc, ICP, Dry ash (ppm)	0066	164.2	6.270				3			0
037.44	Zinc, ICP, Dry ash (ppm)	2114	200.5	0.1580				3			0
037.44	Zinc, ICP, Dry ash (ppm)	0164	212.5	1.000				3			0
037.52	Zinc, ICP-MS, Open vessel (ppm)	0186	232.9	8.510				1			0
037.53	Zinc, ICP-MS, Microwave (ppm)	0047	168.7	2.190	189.9	15.03	3.084	4			0
037.53	Zinc, ICP-MS, Microwave (ppm)	2055	192.0	2.000	189.9	15.03	3.084	4			0
037.53	Zinc, ICP-MS, Microwave (ppm)	0939	194.5	1.000	189.9	15.03	3.084	4			0
037.53	Zinc, ICP-MS, Microwave (ppm)	0407	204.2	7.146	189.9	15.03	3.084	4			0
037.99	Zinc, Miscellaneous (ppm)	0123	201.5	1.000	208.8	10.44	3.000	4			0
037.99	Zinc, Miscellaneous (ppm)	0590	202.5	5.000	208.8	10.44	3.000	4			0
037.99	Zinc, Miscellaneous (ppm)	0242	207.0	4.000	208.8	10.44	3.000	4			0
037.99	Zinc, Miscellaneous (ppm)	0100	224.0	2.000	208.8	10.44	3.000	4			0
038.41	Molybdenum, ICP, Dry ash (ppm)	0171	1.145	0.0100	1.341	0.2423	0.0443	4			0
038.41	Molybdenum, ICP, Dry ash (ppm)	0226	1.160	0.0600	1.341	0.2423	0.0443	4			0
038.41	Molybdenum, ICP, Dry ash (ppm)	0407	1.397	0.0873	1.341	0.2423	0.0443	4			0
038.41	Molybdenum, ICP, Dry ash (ppm)	0148	1.660	0.0200	1.341	0.2423	0.0443	4			0
038.42	Molybdenum, ICP, Open vessel (ppm)	0693	1.106	0.2350	1.536	0.4134	0.1988	4			0
038.42	Molybdenum, ICP, Open vessel (ppm)	0278	1.455	0.3100	1.536	0.4134	0.1988	4			0
038.42	Molybdenum, ICP, Open vessel (ppm)	0045	1.485	0.0500	1.536	0.4134	0.1988	4			0
038.42	Molybdenum, ICP, Open vessel (ppm)	0366	2.100	0.2000	1.536	0.4134	0.1988	4			0
038.42	Molybdenum, ICP, Open vessel (ppm)	0692	< 1		1.536	0.4134	0.1988	4			5
038.43	Molybdenum, ICP, Microwave (ppm)	0353	0.6945	0.1554	1.404	0.2671	0.0689	8	-2.65	25%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0083	1.200	0.0000	1.404	0.2671	0.0689	8	-0.76	7%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0407	1.321	0.0154	1.404	0.2671	0.0689	8	-0.31	3%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0510	1.450	0.3000	1.404	0.2671	0.0689	8	0.17	2%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0202	1.460	0.0600	1.404	0.2671	0.0689	8	0.21	2%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0169	1.465	0.0100	1.404	0.2671	0.0689	8	0.23	2%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0032	1.535	0.0300	1.404	0.2671	0.0689	8	0.49	5%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0964	1.795	0.0100	1.404	0.2671	0.0689	8	1.47	14%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0297	1.150	0.7000	1.404	0.2671	0.0689	8	-0.95	9%	1
038.43	Molybdenum, ICP, Microwave (ppm)	0021	< 4		1.404	0.2671	0.0689	8			5
038.52	Molybdenum, ICP-MS, Open vessel (ppm)	0910	1.295	0.0900				2			0
038.52	Molybdenum, ICP-MS, Open vessel (ppm)	0186	1.478	0.0458				2			0
038.53	Molybdenum, ICP-MS, Microwave (ppm)	0164	1.460	0.0400	1.607	0.1429	0.1551	5			0
038.53	Molybdenum, ICP-MS, Microwave (ppm)	0939	1.485	0.2700	1.607	0.1429	0.1551	5			0
038.53	Molybdenum, ICP-MS, Microwave (ppm)	0407	1.594	0.1603	1.607	0.1429	0.1551	5			0
038.53	Molybdenum, ICP-MS, Microwave (ppm)	0047	1.695	0.1500	1.607	0.1429	0.1551	5			0
038.53	Molybdenum, ICP-MS, Microwave (ppm)	0021	1.800	0.0000	1.607	0.1429	0.1551	5			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			
038.99	Molybdenum, Miscellaneous (ppm)	0123	1.675	0.0300				1		0	
040.43	Barium, ICP, Microwave (ppm)	0032	6.655	0.0700				1		0	
040.53	Barium, ICP-MS, Microwave (ppm)	0407	5.897	0.3480				1		0	
041.43	Vanadium, ICP, Microwave (ppm)	0021	< 2					0		5	
041.53	Vanadium, ICP-MS, Microwave (ppm)	0021	0.3000	0.0200				2		0	
041.53	Vanadium, ICP-MS, Microwave (ppm)	0407	0.3098	0.0126				2		0	
042.00	Chloride, Titrimetric (%)	0226	0.5700	0.0000				3		0	
042.00	Chloride, Titrimetric (%)	0948	0.5800	0.0000				3		0	
042.00	Chloride, Titrimetric (%)	2392	0.6350	0.0100				3		0	
042.00	Chloride, Titrimetric (%)	2326	0.3150	0.0500				3		1	
042.01	Chloride, Ion-selective electrode (%)	2434	0.5200	0.0000				1		0	
042.99	Chloride, Miscellaneous (%)	0297	0.6100	0.0200				1		0	
101.99	Choline Chloride, Miscellaneous (ppm)	0227	1,920	0.0000				1		0	
102.01	Niacin, Microbiological (ppm)	0227	150.0	10.00				1		0	
102.02	Niacin, LC (ppm)	0939	21.41	2.240	48.86	20.31	1.973	4		0	
102.02	Niacin, LC (ppm)	0010	46.40	4.800	48.86	20.31	1.973	4		0	
102.02	Niacin, LC (ppm)	0027	59.88	0.7500	48.86	20.31	1.973	4		0	
102.02	Niacin, LC (ppm)	2319	67.75	0.1000	48.86	20.31	1.973	4		0	
102.99	Niacin, Miscellaneous (ppm)	0160	18.55	0.9000				1		0	
103.01	Pantothenic Acid, Microbiological (ppm)	0227	36.95	0.1000				1		0	
103.02	Pantothenic Acid, LC (ppm)	0010	35.30	3.200				2		0	
103.02	Pantothenic Acid, LC (ppm)	0939	37.64	0.5600				2		0	
103.99	Pantothenic Acid, Miscellaneous (ppm)	0160	44.55	5.300				1		0	
104.00	Riboflavin, Fluorometric (ppm)	0227	8.720	0.2000				1		0	
104.03	Riboflavin, LC (ppm)	0910	5.535	0.0300	7.571	1.970	0.5075	4		0	
104.03	Riboflavin, LC (ppm)	2319	6.390	0.2800	7.571	1.970	0.5075	4		0	
104.03	Riboflavin, LC (ppm)	0010	8.500	0.8000	7.571	1.970	0.5075	4		0	
104.03	Riboflavin, LC (ppm)	0939	9.860	0.9200	7.571	1.970	0.5075	4		0	
104.99	Riboflavin, Miscellaneous (ppm)	0160	4.955	0.0900				1		0	
105.00	Thiamine, LC (ppm)	2319	4.560	0.5600	6.225	1.392	0.5460	5		0	
105.00	Thiamine, LC (ppm)	0027	5.225	0.1700	6.225	1.392	0.5460	5		0	
105.00	Thiamine, LC (ppm)	0939	6.350	0.7600	6.225	1.392	0.5460	5		0	
105.00	Thiamine, LC (ppm)	0910	6.890	0.6400	6.225	1.392	0.5460	5		0	
105.00	Thiamine, LC (ppm)	0010	8.100	0.6000	6.225	1.392	0.5460	5		0	
105.01	Thiamine, Fluorometer (ppm)	0160	9.400	0.8000				1		0	
106.00	Vitamin A, Color (KU / kg)	0227	0.9460	0.1280				1		0	
106.01	Vitamin A, UV (KU / kg)	0098	1.125	0.2100				1		0	
106.02	Vitamin A, LC (KU / kg)	0910	1.200	0.0000				3		0	
106.02	Vitamin A, LC (KU / kg)	0563	1.494	0.0030				3		0	
106.02	Vitamin A, LC (KU / kg)	0870	1.615	0.0166				3		0	
106.02	Vitamin A, LC (KU / kg)	0610	1.750	0.1000				3		1	
106.02	Vitamin A, LC (KU / kg)	0148	< 1.68					3		5	

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			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs			
106.02	Vitamin A, LC (KU / kg)	0638	< 2					3			5
106.02	Vitamin A, LC (KU / kg)	2319	< 8					3			5
107.00	Vitamin B12, Microbiological (ppb)	0227	64.45	2.500				1			0
107.99	Vitamin B12, Miscellaneous (ppb)	0096	53.60	0.6000				2			0
107.99	Vitamin B12, Miscellaneous (ppb)	0160	61.00	0.0000				2			0
108.02	Vitamin D3, LC (KU / kg)	0910	0.7300	0.1000	0.8381	0.1023	0.1136	6	-1.06	6%	0
108.02	Vitamin D3, LC (KU / kg)	2319	0.7865	0.1090	0.8381	0.1023	0.1136	6	-0.50	3%	0
108.02	Vitamin D3, LC (KU / kg)	0610	0.8000	0.0000	0.8381	0.1023	0.1136	6	-0.37	2%	0
108.02	Vitamin D3, LC (KU / kg)	0227	0.8465	0.0150	0.8381	0.1023	0.1136	6	0.08	1%	0
108.02	Vitamin D3, LC (KU / kg)	0148	0.8740	0.1240	0.8381	0.1023	0.1136	6	0.35	2%	0
108.02	Vitamin D3, LC (KU / kg)	0870	1.178	0.2200	0.8381	0.1023	0.1136	6	3.32	20%	0
108.99	Vitamin D3, Miscellaneous (KU / kg)	0010	0.8610	0.1040				1			0
109.02	Vitamin E, LC (IU / kg)	0148	108.9	14.78	146.8	25.70	7.085	11	-1.48	13%	0
109.02	Vitamin E, LC (IU / kg)	0590	121.5	13.00	146.8	25.70	7.085	11	-0.99	9%	0
109.02	Vitamin E, LC (IU / kg)	0910	122.5	3.000	146.8	25.70	7.085	11	-0.95	8%	0
109.02	Vitamin E, LC (IU / kg)	0098	134.0	2.000	146.8	25.70	7.085	11	-0.50	4%	0
109.02	Vitamin E, LC (IU / kg)	0610	139.7	29.60	146.8	25.70	7.085	11	-0.28	2%	0
109.02	Vitamin E, LC (IU / kg)	2188	153.0	0.0000	146.8	25.70	7.085	11	0.24	2%	0
109.02	Vitamin E, LC (IU / kg)	2319	161.0	8.000	146.8	25.70	7.085	11	0.55	5%	0
109.02	Vitamin E, LC (IU / kg)	0870	163.0	4.760	146.8	25.70	7.085	11	0.63	6%	0
109.02	Vitamin E, LC (IU / kg)	0227	163.5	5.000	146.8	25.70	7.085	11	0.65	6%	0
109.02	Vitamin E, LC (IU / kg)	0626	173.6	2.682	146.8	25.70	7.085	11	1.04	9%	0
109.02	Vitamin E, LC (IU / kg)	0563	174.2	0.6002	146.8	25.70	7.085	11	1.07	9%	0
109.99	Vitamin E, Miscellaneous (IU / kg)	0171	132.0	0.0000				1			0
111.00	Vitamin C, Phosphorylated, LC (ppm)	0227	< 4.4					0			5
111.98	Vitamin C, Ascorbic Acid, Miscellaneous (ppm)	0910	45.95	8.100				1			0
112.01	Pyridoxine, LC (µg / g)	2319	9.360	0.1000				3			0
112.01	Pyridoxine, LC (µg / g)	0939	10.72	0.0400				3			0
112.01	Pyridoxine, LC (µg / g)	0227	10.80	0.0000				3			0
112.01	Pyridoxine, LC (µg / g)	0010	6.600	1.800				3			1
112.99	Pyridoxine, Miscellaneous (µg / g)	0160	4.555	0.0700				1			0
113.01	Folic Acid, Micro (ppm)	0227	4.120	0.3800				1			0
113.02	Folic acid, LC (ppm)	2319	2.514	0.0080				2			0
113.02	Folic acid, LC (ppm)	0939	2.635	0.2500				2			0
113.99	Folic acid, Miscellaneous (ppm)	0160	3.910	0.8800				1			0
114.99	Biotin, Miscellaneous (ppm)	0010	0.4790	0.0440				3			0
114.99	Biotin, Miscellaneous (ppm)	0227	0.7165	0.0030				3			0
114.99	Biotin, Miscellaneous (ppm)	0160	1.675	0.2900				3			0
115.00	Non Protein N (NPN), Urea + Am, Urease meth	0407	0.1100	0.0000				1			0
115.99	Non Protein N (NPN), Miscellaneous (%)	2129	0.8204	0.2100				1			0
118.01	Peroxide value, Titrimetric Method (meq/kg)	0921	17.60	0.0000				1			0
118.99	Peroxide value, Miscellaneous (meq/kg)	0656	7.080	0.0000				1			0

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120.00	Alanine, Post-col Ninhydrin Der (%)	0968	1.630	0.0200	1.706	0.0553	0.0178	16	-1.37	2%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0353	1.640	0.0200	1.706	0.0553	0.0178	16	-1.19	2%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0872	1.643	0.0010	1.706	0.0553	0.0178	16	-1.14	2%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0723	1.660	0.0000	1.706	0.0553	0.0178	16	-0.82	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0644	1.680	0.0000	1.706	0.0553	0.0178	16	-0.46	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0354	1.692	0.0100	1.706	0.0553	0.0178	16	-0.25	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0571	1.696	0.0340	1.706	0.0553	0.0178	16	-0.17	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0226	1.702	0.0087	1.706	0.0553	0.0178	16	-0.07	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0504	1.705	0.0100	1.706	0.0553	0.0178	16	-0.01	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0910	1.705	0.0500	1.706	0.0553	0.0178	16	-0.01	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	2059	1.721	0.0080	1.706	0.0553	0.0178	16	0.28	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0652	1.745	0.0100	1.706	0.0553	0.0178	16	0.71	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0675	1.745	0.0100	1.706	0.0553	0.0178	16	0.71	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0682	1.756	0.0000	1.706	0.0553	0.0178	16	0.91	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0859	1.782	0.0511	1.706	0.0553	0.0178	16	1.39	2%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0939	1.800	0.0000	1.706	0.0553	0.0178	16	1.71	3%	0
120.02	Alanine, Post-col OPA Der (%)	0098	1.706	0.0040				1			0
120.05	Alanine, Pre-col AQC Der (%)	0407	1.465	0.0860	1.637	0.1261	0.0700	10	-1.36	5%	0
120.05	Alanine, Pre-col AQC Der (%)	0870	1.502	0.0850	1.637	0.1261	0.0700	10	-1.07	4%	0
120.05	Alanine, Pre-col AQC Der (%)	2246	1.529	0.0305	1.637	0.1261	0.0700	10	-0.85	3%	0
120.05	Alanine, Pre-col AQC Der (%)	2319	1.610	0.0000	1.637	0.1261	0.0700	10	-0.21	1%	0
120.05	Alanine, Pre-col AQC Der (%)	2196	1.661	0.0000	1.637	0.1261	0.0700	10	0.19	1%	0
120.05	Alanine, Pre-col AQC Der (%)	0610	1.665	0.0100	1.637	0.1261	0.0700	10	0.22	1%	0
120.05	Alanine, Pre-col AQC Der (%)	2195	1.690	0.2200	1.637	0.1261	0.0700	10	0.42	2%	0
120.05	Alanine, Pre-col AQC Der (%)	0626	1.696	0.0370	1.637	0.1261	0.0700	10	0.47	2%	0
120.05	Alanine, Pre-col AQC Der (%)	0148	1.725	0.0900	1.637	0.1261	0.0700	10	0.70	3%	0
120.05	Alanine, Pre-col AQC Der (%)	2188	1.971	0.0000	1.637	0.1261	0.0700	10	2.65	10%	0
120.99	Alanine, Miscellaneous (%)	0656	1.530	0.0000				3			0
120.99	Alanine, Miscellaneous (%)	2144	1.680	0.0000				3			0
120.99	Alanine, Miscellaneous (%)	0227	1.730	0.0000				3			0
121.00	Arginine, Post-col Ninhydrin Der (%)	0226	2.786	0.0698	3.022	0.0786	0.0333	16	-3.01	4%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0353	2.805	0.0500	3.022	0.0786	0.0333	16	-2.76	4%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0968	2.955	0.0300	3.022	0.0786	0.0333	16	-0.85	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0723	2.970	0.0000	3.022	0.0786	0.0333	16	-0.66	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0644	2.995	0.0000	3.022	0.0786	0.0333	16	-0.34	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0872	2.998	0.0010	3.022	0.0786	0.0333	16	-0.31	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0910	3.005	0.0300	3.022	0.0786	0.0333	16	-0.22	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0354	3.010	0.0240	3.022	0.0786	0.0333	16	-0.15	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0504	3.040	0.0600	3.022	0.0786	0.0333	16	0.23	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	2059	3.043	0.0190	3.022	0.0786	0.0333	16	0.26	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0939	3.045	0.0100	3.022	0.0786	0.0333	16	0.29	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0571	3.053	0.0030	3.022	0.0786	0.0333	16	0.39	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	
121.00	Arginine, Post-col Ninhydrin Der (%)	0675	3.075	0.0100	3.022	0.0786	0.0333	16	0.67	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0682	3.082	0.0000	3.022	0.0786	0.0333	16	0.76	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0652	3.135	0.0500	3.022	0.0786	0.0333	16	1.44	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0859	3.277	0.0763	3.022	0.0786	0.0333	16	3.25	4%	0
121.02	Arginine, Post-col OPA Der (%)	0098	2.917	0.0930				1			0
121.05	Arginine, Pre-col AQC Der (%)	0407	2.659	0.1100	3.054	0.2773	0.1102	10	-1.42	6%	0
121.05	Arginine, Pre-col AQC Der (%)	0870	2.738	0.0460	3.054	0.2773	0.1102	10	-1.14	5%	0
121.05	Arginine, Pre-col AQC Der (%)	2319	2.825	0.1700	3.054	0.2773	0.1102	10	-0.82	4%	0
121.05	Arginine, Pre-col AQC Der (%)	0626	3.003	0.0460	3.054	0.2773	0.1102	10	-0.18	1%	0
121.05	Arginine, Pre-col AQC Der (%)	2196	3.085	0.0000	3.054	0.2773	0.1102	10	0.11	1%	0
121.05	Arginine, Pre-col AQC Der (%)	0610	3.095	0.0300	3.054	0.2773	0.1102	10	0.15	1%	0
121.05	Arginine, Pre-col AQC Der (%)	0148	3.225	0.3100	3.054	0.2773	0.1102	10	0.62	3%	0
121.05	Arginine, Pre-col AQC Der (%)	2188	3.226	0.0000	3.054	0.2773	0.1102	10	0.62	3%	0
121.05	Arginine, Pre-col AQC Der (%)	2246	3.311	0.0867	3.054	0.2773	0.1102	10	0.93	4%	0
121.05	Arginine, Pre-col AQC Der (%)	2195	3.370	0.1600	3.054	0.2773	0.1102	10	1.14	5%	0
121.99	Arginine, Miscellaneous (%)	0656	2.860	0.0000				3			0
121.99	Arginine, Miscellaneous (%)	0227	2.955	0.0300				3			0
121.99	Arginine, Miscellaneous (%)	2144	3.300	0.0000				3			0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0226	3.052	0.0770	3.145	0.0632	0.0204	16	-1.47	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0723	3.080	0.0000	3.145	0.0632	0.0204	16	-1.03	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0644	3.085	0.0000	3.145	0.0632	0.0204	16	-0.95	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0354	3.086	0.0290	3.145	0.0632	0.0204	16	-0.94	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0872	3.092	0.0020	3.145	0.0632	0.0204	16	-0.84	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0968	3.105	0.0100	3.145	0.0632	0.0204	16	-0.63	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0571	3.145	0.0140	3.145	0.0632	0.0204	16	0.00	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0675	3.145	0.0100	3.145	0.0632	0.0204	16	0.00	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	2059	3.162	0.0140	3.145	0.0632	0.0204	16	0.27	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0652	3.165	0.0100	3.145	0.0632	0.0204	16	0.32	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0910	3.170	0.0000	3.145	0.0632	0.0204	16	0.40	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0504	3.185	0.0300	3.145	0.0632	0.0204	16	0.63	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0939	3.190	0.0200	3.145	0.0632	0.0204	16	0.71	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0859	3.200	0.0848	3.145	0.0632	0.0204	16	0.86	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0682	3.229	0.0000	3.145	0.0632	0.0204	16	1.33	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0353	3.230	0.0200	3.145	0.0632	0.0204	16	1.34	1%	0
122.02	Aspartic, Post-col OPA Der (%)	0098	3.214	0.0240				1			0
122.05	Aspartic, Pre-col AQC Der (%)	0407	2.745	0.1870	3.061	0.1946	0.1254	10	-1.63	5%	0
122.05	Aspartic, Pre-col AQC Der (%)	2195	2.910	0.0000	3.061	0.1946	0.1254	10	-0.78	2%	0
122.05	Aspartic, Pre-col AQC Der (%)	2246	2.932	0.0341	3.061	0.1946	0.1254	10	-0.67	2%	0
122.05	Aspartic, Pre-col AQC Der (%)	0870	3.033	0.2050	3.061	0.1946	0.1254	10	-0.15	0%	0
122.05	Aspartic, Pre-col AQC Der (%)	0610	3.060	0.0600	3.061	0.1946	0.1254	10	-0.01	0%	0
122.05	Aspartic, Pre-col AQC Der (%)	2319	3.070	0.0200	3.061	0.1946	0.1254	10	0.04	0%	0
122.05	Aspartic, Pre-col AQC Der (%)	0626	3.082	0.0570	3.061	0.1946	0.1254	10	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	
122.05	Aspartic, Pre-col AQC Der (%)	2196	3.116	0.0000	3.061	0.1946	0.1254	10	0.28	1%	0
122.05	Aspartic, Pre-col AQC Der (%)	0148	3.290	0.3600	3.061	0.1946	0.1254	10	1.17	4%	0
122.05	Aspartic, Pre-col AQC Der (%)	2188	3.514	0.0000	3.061	0.1946	0.1254	10	2.33	7%	0
122.99	Aspartic, Miscellaneous (%)	0656	2.740	0.0000				3			0
122.99	Aspartic, Miscellaneous (%)	2144	2.985	0.0100				3			0
122.99	Aspartic, Miscellaneous (%)	0227	3.250	0.0000				3			0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0652	0.8600	0.0000	0.9040	0.0373	0.0153	16	-1.18	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0910	0.8650	0.0300	0.9040	0.0373	0.0153	16	-1.05	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0353	0.8700	0.0000	0.9040	0.0373	0.0153	16	-0.91	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0644	0.8720	0.0000	0.9040	0.0373	0.0153	16	-0.86	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0859	0.8820	0.0174	0.9040	0.0373	0.0153	16	-0.59	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0675	0.8850	0.0100	0.9040	0.0373	0.0153	16	-0.51	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0872	0.8940	0.0100	0.9040	0.0373	0.0153	16	-0.27	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0571	0.8950	0.0040	0.9040	0.0373	0.0153	16	-0.24	0%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0723	0.9000	0.0200	0.9040	0.0373	0.0153	16	-0.11	0%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0682	0.9150	0.0000	0.9040	0.0373	0.0153	16	0.29	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0939	0.9150	0.0100	0.9040	0.0373	0.0153	16	0.29	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0354	0.9180	0.0100	0.9040	0.0373	0.0153	16	0.37	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	2059	0.9185	0.0070	0.9040	0.0373	0.0153	16	0.39	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0226	0.9552	0.0250	0.9040	0.0373	0.0153	16	1.37	3%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0968	0.9650	0.0300	0.9040	0.0373	0.0153	16	1.64	3%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0504	1.005	0.0100	0.9040	0.0373	0.0153	16	2.71	6%	0
124.02	Cysteine/Cystine, PAO Post-col OPA Der (%)	0098	0.9160	0.0460				1			0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0870	0.5970	0.0220	0.7892	0.1758	0.0259	8	-1.09	12%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0407	0.6781	0.0358	0.7892	0.1758	0.0259	8	-0.63	7%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	2188	0.6840	0.0000	0.7892	0.1758	0.0259	8	-0.60	7%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	2246	0.6859	0.0015	0.7892	0.1758	0.0259	8	-0.59	7%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	2319	0.8300	0.0200	0.7892	0.1758	0.0259	8	0.23	3%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	2196	0.8460	0.0000	0.7892	0.1758	0.0259	8	0.32	4%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0610	0.9400	0.0000	0.7892	0.1758	0.0259	8	0.86	10%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	2195	1.075	0.0500	0.7892	0.1758	0.0259	8	1.63	18%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0148	0.9095	0.1570	0.7892	0.1758	0.0259	8	0.68	8%	1
124.99	Cysteine/Cystine, Miscellaneous (%)	2144	0.5100	0.0000				3			0
124.99	Cysteine/Cystine, Miscellaneous (%)	0227	0.7950	0.0100				3			0
124.99	Cysteine/Cystine, Miscellaneous (%)	0656	0.8300	0.0000				3			0
124.99	Cysteine/Cystine, Miscellaneous (%)	2246	1.232	0.0597				3			1
125.00	Glutamic, Post-col Ninhydrin Der (%)	0644	5.650	0.0000	5.794	0.1491	0.0487	16	-0.97	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0968	5.650	0.0200	5.794	0.1491	0.0487	16	-0.97	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0723	5.660	0.0000	5.794	0.1491	0.0487	16	-0.90	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0859	5.663	0.1486	5.794	0.1491	0.0487	16	-0.88	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	2059	5.671	0.0770	5.794	0.1491	0.0487	16	-0.83	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0354	5.696	0.0530	5.794	0.1491	0.0487	16	-0.66	1%	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 (%)	0571	5.720	0.1060	5.794	0.1491	0.0487	16	-0.50	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0872	5.740	0.0060	5.794	0.1491	0.0487	16	-0.36	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0652	5.775	0.0100	5.794	0.1491	0.0487	16	-0.13	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0910	5.810	0.1200	5.794	0.1491	0.0487	16	0.11	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0675	5.875	0.0100	5.794	0.1491	0.0487	16	0.54	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0504	5.915	0.0700	5.794	0.1491	0.0487	16	0.81	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0939	5.940	0.0200	5.794	0.1491	0.0487	16	0.98	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0682	5.952	0.0000	5.794	0.1491	0.0487	16	1.06	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0226	5.971	0.0029	5.794	0.1491	0.0487	16	1.18	2%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0353	6.135	0.0100	5.794	0.1491	0.0487	16	2.29	3%	0
125.02	Glutamic, Post-col OPA Der (%)	0098	5.734	0.1010				1			0
125.05	Glutamic, Pre-col AQC Der (%)	0407	5.080	0.2830	5.749	0.4496	0.1988	10	-1.49	6%	0
125.05	Glutamic, Pre-col AQC Der (%)	2319	5.350	0.1000	5.749	0.4496	0.1988	10	-0.89	3%	0
125.05	Glutamic, Pre-col AQC Der (%)	2195	5.480	0.3400	5.749	0.4496	0.1988	10	-0.60	2%	0
125.05	Glutamic, Pre-col AQC Der (%)	0626	5.605	0.0750	5.749	0.4496	0.1988	10	-0.32	1%	0
125.05	Glutamic, Pre-col AQC Der (%)	2196	5.658	0.0000	5.749	0.4496	0.1988	10	-0.20	1%	0
125.05	Glutamic, Pre-col AQC Der (%)	0610	5.860	0.1200	5.749	0.4496	0.1988	10	0.25	1%	0
125.05	Glutamic, Pre-col AQC Der (%)	0870	5.896	0.3060	5.749	0.4496	0.1988	10	0.33	1%	0
125.05	Glutamic, Pre-col AQC Der (%)	2246	6.000	0.0766	5.749	0.4496	0.1988	10	0.56	2%	0
125.05	Glutamic, Pre-col AQC Der (%)	2188	6.141	0.0000	5.749	0.4496	0.1988	10	0.87	3%	0
125.05	Glutamic, Pre-col AQC Der (%)	0148	6.445	0.2900	5.749	0.4496	0.1988	10	1.55	6%	0
125.99	Glutamic, Miscellaneous (%)	0656	5.090	0.0000				3			0
125.99	Glutamic, Miscellaneous (%)	2144	5.480	0.0000				3			0
125.99	Glutamic, Miscellaneous (%)	0227	5.875	0.0100				3			0
126.00	Glycine, Post-col Ninhydrin Der (%)	0939	1.870	0.0200	1.952	0.0308	0.0135	15	-2.65	2%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0723	1.920	0.0000	1.952	0.0308	0.0135	15	-1.03	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0968	1.920	0.0000	1.952	0.0308	0.0135	15	-1.03	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0652	1.925	0.0100	1.952	0.0308	0.0135	15	-0.87	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0226	1.933	0.0206	1.952	0.0308	0.0135	15	-0.60	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0644	1.937	0.0000	1.952	0.0308	0.0135	15	-0.48	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	2059	1.942	0.0200	1.952	0.0308	0.0135	15	-0.32	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0353	1.960	0.0200	1.952	0.0308	0.0135	15	0.27	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0354	1.960	0.0140	1.952	0.0308	0.0135	15	0.27	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0682	1.966	0.0000	1.952	0.0308	0.0135	15	0.46	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0675	1.975	0.0100	1.952	0.0308	0.0135	15	0.76	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0910	1.980	0.0000	1.952	0.0308	0.0135	15	0.92	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0571	1.983	0.0080	1.952	0.0308	0.0135	15	1.02	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0872	1.984	0.0020	1.952	0.0308	0.0135	15	1.05	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0504	1.985	0.0100	1.952	0.0308	0.0135	15	1.08	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0859	2.614	0.0592	1.952	0.0308	0.0135	15	21.51	17%	2
126.02	Glycine, Post-col OPA Der (%)	0098	2.028	0.0240				1			0
126.05	Glycine, Pre-col AQC Der (%)	0870	1.623	0.0030	1.953	0.0955	0.0418	10	-3.46	8%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
126.05	Glycine, Pre-col AQC Der (%)	0407	1.697	0.0870	1.953	0.0955	0.0418	10	-2.69	7%	0
126.05	Glycine, Pre-col AQC Der (%)	0626	1.921	0.0660	1.953	0.0955	0.0418	10	-0.33	1%	0
126.05	Glycine, Pre-col AQC Der (%)	2319	1.950	0.0200	1.953	0.0955	0.0418	10	-0.03	0%	0
126.05	Glycine, Pre-col AQC Der (%)	2196	1.969	0.0000	1.953	0.0955	0.0418	10	0.17	0%	0
126.05	Glycine, Pre-col AQC Der (%)	2195	1.985	0.0300	1.953	0.0955	0.0418	10	0.34	1%	0
126.05	Glycine, Pre-col AQC Der (%)	0610	1.995	0.0100	1.953	0.0955	0.0418	10	0.44	1%	0
126.05	Glycine, Pre-col AQC Der (%)	0148	2.005	0.1500	1.953	0.0955	0.0418	10	0.55	1%	0
126.05	Glycine, Pre-col AQC Der (%)	2246	2.040	0.0063	1.953	0.0955	0.0418	10	0.92	2%	0
126.05	Glycine, Pre-col AQC Der (%)	2188	2.044	0.0000	1.953	0.0955	0.0418	10	0.95	2%	0
126.99	Glycine, Miscellaneous (%)	2144	1.940	0.0000				3			0
126.99	Glycine, Miscellaneous (%)	0227	1.990	0.0000				3			0
126.99	Glycine, Miscellaneous (%)	0656	2.110	0.0000				3			0
127.00	Histidine, Post-col Ninhydrin Der (%)	0353	0.7550	0.0100	0.8031	0.0390	0.0114	16	-1.23	3%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0226	0.7560	0.0029	0.8031	0.0390	0.0114	16	-1.21	3%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0723	0.7800	0.0000	0.8031	0.0390	0.0114	16	-0.59	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0354	0.7835	0.0050	0.8031	0.0390	0.0114	16	-0.50	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0968	0.7850	0.0100	0.8031	0.0390	0.0114	16	-0.46	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0859	0.7884	0.0218	0.8031	0.0390	0.0114	16	-0.38	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0644	0.7910	0.0000	0.8031	0.0390	0.0114	16	-0.31	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	2059	0.7915	0.0050	0.8031	0.0390	0.0114	16	-0.30	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0571	0.7940	0.0100	0.8031	0.0390	0.0114	16	-0.23	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0910	0.7950	0.0300	0.8031	0.0390	0.0114	16	-0.21	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0872	0.8015	0.0070	0.8031	0.0390	0.0114	16	-0.04	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0682	0.8060	0.0000	0.8031	0.0390	0.0114	16	0.07	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0675	0.8450	0.0100	0.8031	0.0390	0.0114	16	1.07	3%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0939	0.8550	0.0100	0.8031	0.0390	0.0114	16	1.33	3%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0504	0.8750	0.0300	0.8031	0.0390	0.0114	16	1.84	4%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0652	0.8750	0.0100	0.8031	0.0390	0.0114	16	1.84	4%	0
127.02	Histidine, Post-col OPA Der (%)	0098	0.7520	0.0040				1			0
127.05	Histidine, Pre-col AQC Der (%)	0407	0.6870	0.0280	0.8053	0.0700	0.0230	9	-1.69	7%	0
127.05	Histidine, Pre-col AQC Der (%)	0610	0.7300	0.0000	0.8053	0.0700	0.0230	9	-1.08	5%	0
127.05	Histidine, Pre-col AQC Der (%)	0626	0.7855	0.0190	0.8053	0.0700	0.0230	9	-0.28	1%	0
127.05	Histidine, Pre-col AQC Der (%)	2319	0.8000	0.0200	0.8053	0.0700	0.0230	9	-0.08	0%	0
127.05	Histidine, Pre-col AQC Der (%)	0870	0.8045	0.0050	0.8053	0.0700	0.0230	9	-0.01	0%	0
127.05	Histidine, Pre-col AQC Der (%)	2195	0.8300	0.0200	0.8053	0.0700	0.0230	9	0.35	2%	0
127.05	Histidine, Pre-col AQC Der (%)	2188	0.8340	0.0000	0.8053	0.0700	0.0230	9	0.41	2%	0
127.05	Histidine, Pre-col AQC Der (%)	2196	0.8710	0.0000	0.8053	0.0700	0.0230	9	0.94	4%	0
127.05	Histidine, Pre-col AQC Der (%)	0148	0.8925	0.0810	0.8053	0.0700	0.0230	9	1.25	5%	0
127.05	Histidine, Pre-col AQC Der (%)	2246	0.5426	0.8970	0.8053	0.0700	0.0230	9	-3.75	16%	1
127.99	Histidine, Miscellaneous (%)	0656	0.7400	0.0000				3			0
127.99	Histidine, Miscellaneous (%)	0227	0.8200	0.0000				3			0
127.99	Histidine, Miscellaneous (%)	2144	0.8600	0.0000				3			0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0968	1.305	0.0100	1.406	0.0689	0.0177	16	-1.47	4%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0226	1.319	0.0563	1.406	0.0689	0.0177	16	-1.27	3%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0353	1.320	0.0200	1.406	0.0689	0.0177	16	-1.25	3%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0354	1.371	0.0110	1.406	0.0689	0.0177	16	-0.52	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0644	1.375	0.0000	1.406	0.0689	0.0177	16	-0.45	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0872	1.394	0.0110	1.406	0.0689	0.0177	16	-0.19	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0675	1.395	0.0300	1.406	0.0689	0.0177	16	-0.16	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0723	1.410	0.0000	1.406	0.0689	0.0177	16	0.05	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0910	1.410	0.0200	1.406	0.0689	0.0177	16	0.05	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0939	1.410	0.0200	1.406	0.0689	0.0177	16	0.05	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0571	1.428	0.0110	1.406	0.0689	0.0177	16	0.31	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	2059	1.438	0.0120	1.406	0.0689	0.0177	16	0.46	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0652	1.445	0.0100	1.406	0.0689	0.0177	16	0.56	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0859	1.462	0.0082	1.406	0.0689	0.0177	16	0.81	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0682	1.559	0.0000	1.406	0.0689	0.0177	16	2.22	5%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0504	1.565	0.0500	1.406	0.0689	0.0177	16	2.30	6%	0
128.02	Isoleucine, Post-col OPA Der (%)	0098	1.334	0.0130				1			0
128.05	Isoleucine, Pre-col AQC Der (%)	2319	1.040	0.0000	1.448	0.1236	0.0248	10	-3.30	14%	0
128.05	Isoleucine, Pre-col AQC Der (%)	0870	1.351	0.0250	1.448	0.1236	0.0248	10	-0.79	3%	0
128.05	Isoleucine, Pre-col AQC Der (%)	0407	1.353	0.0410	1.448	0.1236	0.0248	10	-0.77	3%	0
128.05	Isoleucine, Pre-col AQC Der (%)	2246	1.418	0.0170	1.448	0.1236	0.0248	10	-0.24	1%	0
128.05	Isoleucine, Pre-col AQC Der (%)	0626	1.436	0.0160	1.448	0.1236	0.0248	10	-0.09	0%	0
128.05	Isoleucine, Pre-col AQC Der (%)	0610	1.450	0.0000	1.448	0.1236	0.0248	10	0.02	0%	0
128.05	Isoleucine, Pre-col AQC Der (%)	0148	1.510	0.0400	1.448	0.1236	0.0248	10	0.50	2%	0
128.05	Isoleucine, Pre-col AQC Der (%)	2195	1.515	0.0100	1.448	0.1236	0.0248	10	0.55	2%	0
128.05	Isoleucine, Pre-col AQC Der (%)	2196	1.549	0.0000	1.448	0.1236	0.0248	10	0.82	4%	0
128.05	Isoleucine, Pre-col AQC Der (%)	2188	1.808	0.0000	1.448	0.1236	0.0248	10	2.92	12%	0
128.99	Isoleucine, Miscellaneous (%)	2144	1.300	0.0000				3			0
128.99	Isoleucine, Miscellaneous (%)	0656	1.380	0.0000				3			0
128.99	Isoleucine, Miscellaneous (%)	0227	1.470	0.0000				3			0
129.00	Leucine, Post-col Ninhydrin Der (%)	0353	2.490	0.0000	2.605	0.0533	0.0170	15	-2.16	2%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0723	2.550	0.0000	2.605	0.0533	0.0170	15	-1.04	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0968	2.560	0.0200	2.605	0.0533	0.0170	15	-0.85	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0226	2.566	0.0179	2.605	0.0533	0.0170	15	-0.73	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0644	2.575	0.0000	2.605	0.0533	0.0170	15	-0.57	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0910	2.590	0.0200	2.605	0.0533	0.0170	15	-0.29	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0872	2.597	0.0020	2.605	0.0533	0.0170	15	-0.16	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	2059	2.602	0.0230	2.605	0.0533	0.0170	15	-0.07	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0571	2.606	0.0430	2.605	0.0533	0.0170	15	0.00	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0652	2.610	0.0000	2.605	0.0533	0.0170	15	0.09	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0675	2.625	0.0100	2.605	0.0533	0.0170	15	0.37	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0939	2.655	0.0100	2.605	0.0533	0.0170	15	0.93	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 (%)	0682	2.666	0.0000	2.605	0.0533	0.0170	15	1.14	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0354	2.673	0.0150	2.605	0.0533	0.0170	15	1.26	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0504	2.680	0.0200	2.605	0.0533	0.0170	15	1.40	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0859	2.659	0.0680	2.605	0.0533	0.0170	15	1.00	1%	1
129.02	Leucine, Post-col OPA Der (%)	0098	2.504	0.0060				1			0
129.05	Leucine, Pre-col AQC Der (%)	0407	2.257	0.1070	2.532	0.1925	0.0593	10	-1.43	5%	0
129.05	Leucine, Pre-col AQC Der (%)	2319	2.270	0.1000	2.532	0.1925	0.0593	10	-1.36	5%	0
129.05	Leucine, Pre-col AQC Der (%)	0870	2.391	0.1250	2.532	0.1925	0.0593	10	-0.73	3%	0
129.05	Leucine, Pre-col AQC Der (%)	2196	2.549	0.0000	2.532	0.1925	0.0593	10	0.09	0%	0
129.05	Leucine, Pre-col AQC Der (%)	2195	2.560	0.0600	2.532	0.1925	0.0593	10	0.15	1%	0
129.05	Leucine, Pre-col AQC Der (%)	0626	2.570	0.0360	2.532	0.1925	0.0593	10	0.20	1%	0
129.05	Leucine, Pre-col AQC Der (%)	0610	2.645	0.0100	2.532	0.1925	0.0593	10	0.59	2%	0
129.05	Leucine, Pre-col AQC Der (%)	2246	2.650	0.0260	2.532	0.1925	0.0593	10	0.61	2%	0
129.05	Leucine, Pre-col AQC Der (%)	2188	2.711	0.0000	2.532	0.1925	0.0593	10	0.93	4%	0
129.05	Leucine, Pre-col AQC Der (%)	0148	2.715	0.0100	2.532	0.1925	0.0593	10	0.95	4%	0
129.99	Leucine, Miscellaneous (%)	0656	2.450	0.0000				3			0
129.99	Leucine, Miscellaneous (%)	0227	2.685	0.0100				3			0
129.99	Leucine, Miscellaneous (%)	2144	2.700	0.0000				3			0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0226	1.443	0.0414	1.533	0.0392	0.0241	16	-2.27	3%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0723	1.490	0.0000	1.533	0.0392	0.0241	16	-1.08	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0910	1.490	0.0400	1.533	0.0392	0.0241	16	-1.08	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0571	1.496	0.0210	1.533	0.0392	0.0241	16	-0.94	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0644	1.506	0.0000	1.533	0.0392	0.0241	16	-0.68	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0354	1.514	0.0600	1.533	0.0392	0.0241	16	-0.47	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	2059	1.530	0.0050	1.533	0.0392	0.0241	16	-0.08	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0859	1.533	0.0415	1.533	0.0392	0.0241	16	0.00	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0353	1.540	0.0200	1.533	0.0392	0.0241	16	0.19	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0652	1.550	0.0000	1.533	0.0392	0.0241	16	0.45	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0968	1.550	0.0200	1.533	0.0392	0.0241	16	0.45	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0939	1.555	0.0100	1.533	0.0392	0.0241	16	0.57	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0872	1.561	0.0110	1.533	0.0392	0.0241	16	0.71	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0675	1.565	0.0100	1.533	0.0392	0.0241	16	0.83	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0682	1.577	0.0000	1.533	0.0392	0.0241	16	1.13	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0504	1.680	0.0200	1.533	0.0392	0.0241	16	3.76	5%	0
130.02	L-Lysine, Post-col OPA Der (%)	0098	1.599	0.0600				1			0
130.05	L-Lysine, Pre-col AQC Der (%)	2246	1.417	0.0913	1.510	0.0882	0.0820	10	-1.06	3%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0407	1.422	0.0910	1.510	0.0882	0.0820	10	-1.00	3%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0870	1.449	0.0520	1.510	0.0882	0.0820	10	-0.69	2%	0
130.05	L-Lysine, Pre-col AQC Der (%)	2195	1.455	0.1300	1.510	0.0882	0.0820	10	-0.62	2%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0148	1.490	0.1800	1.510	0.0882	0.0820	10	-0.23	1%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0610	1.510	0.0200	1.510	0.0882	0.0820	10	0.00	0%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0626	1.554	0.0100	1.510	0.0882	0.0820	10	0.50	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	
130.05	L-Lysine, Pre-col AQC Der (%)	2196	1.555	0.0000	1.510	0.0882	0.0820	10	0.51	1%	0
130.05	L-Lysine, Pre-col AQC Der (%)	2319	1.610	0.0000	1.510	0.0882	0.0820	10	1.13	3%	0
130.05	L-Lysine, Pre-col AQC Der (%)	2188	1.640	0.0000	1.510	0.0882	0.0820	10	1.47	4%	0
130.99	L-Lysine, Miscellaneous (%)	0884	1.220	0.1200	1.563	0.2707	0.1377	5			0
130.99	L-Lysine, Miscellaneous (%)	0656	1.330	0.0000	1.563	0.2707	0.1377	5			0
130.99	L-Lysine, Miscellaneous (%)	0227	1.705	0.0700	1.563	0.2707	0.1377	5			0
130.99	L-Lysine, Miscellaneous (%)	2144	1.720	0.0000	1.563	0.2707	0.1377	5			0
130.99	L-Lysine, Miscellaneous (%)	2246	1.839	0.2230	1.563	0.2707	0.1377	5			0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0682	0.4410	0.0000	0.4827	0.0267	0.0096	16	-1.56	4%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0723	0.4500	0.0200	0.4827	0.0267	0.0096	16	-1.22	3%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0652	0.4650	0.0100	0.4827	0.0267	0.0096	16	-0.66	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	2059	0.4670	0.0040	0.4827	0.0267	0.0096	16	-0.59	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0859	0.4709	0.0130	0.4827	0.0267	0.0096	16	-0.44	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0226	0.4729	0.0031	0.4827	0.0267	0.0096	16	-0.37	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0910	0.4750	0.0100	0.4827	0.0267	0.0096	16	-0.29	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0872	0.4790	0.0020	0.4827	0.0267	0.0096	16	-0.14	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0939	0.4800	0.0000	0.4827	0.0267	0.0096	16	-0.10	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0644	0.4840	0.0000	0.4827	0.0267	0.0096	16	0.05	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0968	0.4850	0.0100	0.4827	0.0267	0.0096	16	0.09	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0571	0.4865	0.0070	0.4827	0.0267	0.0096	16	0.14	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0504	0.5050	0.0100	0.4827	0.0267	0.0096	16	0.83	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0675	0.5150	0.0300	0.4827	0.0267	0.0096	16	1.21	3%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0353	0.5500	0.0000	0.4827	0.0267	0.0096	16	2.52	7%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0354	0.5675	0.0090	0.4827	0.0267	0.0096	16	3.17	9%	0
131.02	Methionine, PAO Post-col OPA Der (%)	0098	0.4565	0.0090				1			0
131.05	Methionine, PAO Pre-col AQC Der (%)	0407	0.3664	0.0050	0.4698	0.0700	0.0188	9	-1.48	11%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	2188	0.3840	0.0000	0.4698	0.0700	0.0188	9	-1.22	9%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	0870	0.4630	0.0020	0.4698	0.0700	0.0188	9	-0.10	1%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	0610	0.4700	0.0000	0.4698	0.0700	0.0188	9	0.00	0%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	2319	0.4700	0.0000	0.4698	0.0700	0.0188	9	0.00	0%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	0626	0.4905	0.0050	0.4698	0.0700	0.0188	9	0.30	2%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	0148	0.5000	0.0620	0.4698	0.0700	0.0188	9	0.43	3%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	2196	0.5240	0.0000	0.4698	0.0700	0.0188	9	0.77	6%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	2195	0.5600	0.0200	0.4698	0.0700	0.0188	9	1.29	10%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	2246	0.4405	0.1012	0.4698	0.0700	0.0188	9	-0.42	3%	1
131.99	Methionine, Miscellaneous (%)	0656	0.4600	0.0000				3			0
131.99	Methionine, Miscellaneous (%)	0227	0.5000	0.0000				3			0
131.99	Methionine, Miscellaneous (%)	2144	0.5800	0.0200				3			0
131.99	Methionine, Miscellaneous (%)	2246	0.4006	0.1440				3			1
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0226	1.670	0.1060	1.832	0.0531	0.0325	16	-3.05	4%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0968	1.760	0.0000	1.832	0.0531	0.0325	16	-1.35	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	2059	1.783	0.0110	1.832	0.0531	0.0325	16	-0.93	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	
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0723	1.790	0.0000	1.832	0.0531	0.0325	16	-0.79	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0644	1.805	0.0000	1.832	0.0531	0.0325	16	-0.50	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0910	1.810	0.0800	1.832	0.0531	0.0325	16	-0.41	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0571	1.823	0.0110	1.832	0.0531	0.0325	16	-0.17	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0872	1.835	0.0060	1.832	0.0531	0.0325	16	0.06	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0354	1.838	0.0360	1.832	0.0531	0.0325	16	0.12	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0353	1.845	0.0500	1.832	0.0531	0.0325	16	0.25	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0652	1.850	0.0200	1.832	0.0531	0.0325	16	0.34	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0504	1.855	0.0100	1.832	0.0531	0.0325	16	0.44	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0939	1.870	0.0000	1.832	0.0531	0.0325	16	0.72	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0675	1.885	0.0300	1.832	0.0531	0.0325	16	1.00	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0682	1.898	0.0000	1.832	0.0531	0.0325	16	1.25	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0859	1.910	0.0335	1.832	0.0531	0.0325	16	1.48	2%	0
132.02	Phenylalanine, Post-col OPA Der (%)	0098	1.745	0.0100				1			0
132.05	Phenylalanine, Pre-col AQC Der (%)	0407	1.534	0.0690	1.782	0.1529	0.0614	10	-1.62	7%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	2319	1.630	0.0800	1.782	0.1529	0.0614	10	-0.99	4%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	0870	1.688	0.0140	1.782	0.1529	0.0614	10	-0.61	3%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	2196	1.778	0.0000	1.782	0.1529	0.0614	10	-0.03	0%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	0626	1.782	0.0140	1.782	0.1529	0.0614	10	0.00	0%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	2195	1.790	0.0000	1.782	0.1529	0.0614	10	0.05	0%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	0610	1.795	0.0100	1.782	0.1529	0.0614	10	0.08	0%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	2188	1.888	0.0000	1.782	0.1529	0.0614	10	0.69	3%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	0148	1.905	0.1500	1.782	0.1529	0.0614	10	0.80	3%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	2246	2.234	0.0927	1.782	0.1529	0.0614	10	2.95	13%	0
132.99	Phenylalanine, Miscellaneous (%)	0656	1.800	0.0000				3			0
132.99	Phenylalanine, Miscellaneous (%)	0227	1.830	0.0000				3			0
132.99	Phenylalanine, Miscellaneous (%)	2144	1.970	0.0800				3			0
133.00	Proline, Post-col Ninhydrin Der (%)	0859	1.909	0.0290	2.147	0.1309	0.0272	16	-1.82	6%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0353	1.965	0.0700	2.147	0.1309	0.0272	16	-1.39	4%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0723	2.020	0.0000	2.147	0.1309	0.0272	16	-0.97	3%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0571	2.038	0.0190	2.147	0.1309	0.0272	16	-0.84	3%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0910	2.080	0.0600	2.147	0.1309	0.0272	16	-0.51	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0226	2.099	0.0971	2.147	0.1309	0.0272	16	-0.37	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0644	2.125	0.0000	2.147	0.1309	0.0272	16	-0.17	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0504	2.160	0.0200	2.147	0.1309	0.0272	16	0.10	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	2059	2.168	0.0020	2.147	0.1309	0.0272	16	0.16	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0968	2.170	0.0200	2.147	0.1309	0.0272	16	0.17	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0354	2.214	0.0100	2.147	0.1309	0.0272	16	0.51	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0652	2.225	0.0100	2.147	0.1309	0.0272	16	0.59	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0682	2.260	0.0000	2.147	0.1309	0.0272	16	0.86	3%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0939	2.260	0.0200	2.147	0.1309	0.0272	16	0.86	3%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0872	2.278	0.0030	2.147	0.1309	0.0272	16	1.00	3%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
133.00	Proline, Post-col Ninhydrin Der (%)	0675	2.485	0.0300	2.147	0.1309	0.0272	16	2.58	8%	0
133.05	Proline, Pre-col AQC Der (%)	0407	1.826	0.0850	2.205	0.2031	0.0863	10	-1.87	9%	0
133.05	Proline, Pre-col AQC Der (%)	0870	1.962	0.1100	2.205	0.2031	0.0863	10	-1.19	6%	0
133.05	Proline, Pre-col AQC Der (%)	0610	2.130	0.0000	2.205	0.2031	0.0863	10	-0.37	2%	0
133.05	Proline, Pre-col AQC Der (%)	2319	2.170	0.0600	2.205	0.2031	0.0863	10	-0.17	1%	0
133.05	Proline, Pre-col AQC Der (%)	2196	2.202	0.0000	2.205	0.2031	0.0863	10	-0.01	0%	0
133.05	Proline, Pre-col AQC Der (%)	0148	2.205	0.0700	2.205	0.2031	0.0863	10	0.00	0%	0
133.05	Proline, Pre-col AQC Der (%)	0626	2.255	0.0740	2.205	0.2031	0.0863	10	0.25	1%	0
133.05	Proline, Pre-col AQC Der (%)	2188	2.353	0.0000	2.205	0.2031	0.0863	10	0.73	3%	0
133.05	Proline, Pre-col AQC Der (%)	2246	2.423	0.0789	2.205	0.2031	0.0863	10	1.08	5%	0
133.05	Proline, Pre-col AQC Der (%)	2195	2.445	0.1500	2.205	0.2031	0.0863	10	1.18	5%	0
133.99	Proline, Miscellaneous (%)	0656	2.090	0.0000				3			0
133.99	Proline, Miscellaneous (%)	2144	2.220	0.0000				3			0
133.99	Proline, Miscellaneous (%)	0227	2.270	0.1600				3			0
134.00	Serine, Post-col Ninhydrin Der (%)	0504	2.035	0.0700	2.321	0.0629	0.0325	16	-4.54	6%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0872	2.226	0.0040	2.321	0.0629	0.0325	16	-1.51	2%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0682	2.282	0.0000	2.321	0.0629	0.0325	16	-0.62	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0723	2.290	0.0000	2.321	0.0629	0.0325	16	-0.49	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0226	2.293	0.0743	2.321	0.0629	0.0325	16	-0.44	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0675	2.295	0.0300	2.321	0.0629	0.0325	16	-0.41	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0910	2.305	0.0300	2.321	0.0629	0.0325	16	-0.25	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0571	2.313	0.0110	2.321	0.0629	0.0325	16	-0.13	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	2059	2.322	0.0050	2.321	0.0629	0.0325	16	0.01	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0859	2.322	0.0530	2.321	0.0629	0.0325	16	0.02	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0354	2.325	0.0160	2.321	0.0629	0.0325	16	0.07	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0644	2.358	0.0000	2.321	0.0629	0.0325	16	0.59	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0968	2.365	0.0300	2.321	0.0629	0.0325	16	0.70	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0353	2.380	0.0800	2.321	0.0629	0.0325	16	0.94	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0652	2.425	0.0100	2.321	0.0629	0.0325	16	1.66	2%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0939	2.505	0.0100	2.321	0.0629	0.0325	16	2.93	4%	0
134.02	Serine, Post-col OPA Der (%)	0098	2.234	0.0080				1			0
134.05	Serine, Pre-col AQC Der (%)	0407	1.473	0.0320	2.342	0.2017	0.0754	10	-4.31	19%	0
134.05	Serine, Pre-col AQC Der (%)	0870	2.154	0.0270	2.342	0.2017	0.0754	10	-0.93	4%	0
134.05	Serine, Pre-col AQC Der (%)	0610	2.200	0.0200	2.342	0.2017	0.0754	10	-0.70	3%	0
134.05	Serine, Pre-col AQC Der (%)	2196	2.249	0.0000	2.342	0.2017	0.0754	10	-0.46	2%	0
134.05	Serine, Pre-col AQC Der (%)	0626	2.341	0.1200	2.342	0.2017	0.0754	10	0.00	0%	0
134.05	Serine, Pre-col AQC Der (%)	2195	2.400	0.1600	2.342	0.2017	0.0754	10	0.29	1%	0
134.05	Serine, Pre-col AQC Der (%)	2188	2.431	0.0000	2.342	0.2017	0.0754	10	0.44	2%	0
134.05	Serine, Pre-col AQC Der (%)	2319	2.495	0.0100	2.342	0.2017	0.0754	10	0.76	3%	0
134.05	Serine, Pre-col AQC Der (%)	0148	2.510	0.2800	2.342	0.2017	0.0754	10	0.83	4%	0
134.05	Serine, Pre-col AQC Der (%)	2246	2.599	0.0328	2.342	0.2017	0.0754	10	1.27	5%	0
134.99	Serine, Miscellaneous (%)	0656	2.060	0.0000				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			
134.99	Serine, Miscellaneous (%)	2144	2.235	0.0700				3			0
134.99	Serine, Miscellaneous (%)	0227	2.345	0.0100				3			0
135.00	Threonine, Post-col Ninhydrin Der (%)	0226	1.288	0.0389	1.405	0.0368	0.0174	14	-3.16	4%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0682	1.352	0.0000	1.405	0.0368	0.0174	14	-1.43	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0644	1.371	0.0000	1.405	0.0368	0.0174	14	-0.91	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0652	1.385	0.0100	1.405	0.0368	0.0174	14	-0.53	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0872	1.396	0.0120	1.405	0.0368	0.0174	14	-0.23	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0504	1.400	0.0200	1.405	0.0368	0.0174	14	-0.12	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	2059	1.408	0.0130	1.405	0.0368	0.0174	14	0.08	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0353	1.410	0.0000	1.405	0.0368	0.0174	14	0.15	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0723	1.410	0.0000	1.405	0.0368	0.0174	14	0.15	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0571	1.419	0.0210	1.405	0.0368	0.0174	14	0.38	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0859	1.425	0.0368	1.405	0.0368	0.0174	14	0.54	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0354	1.436	0.0130	1.405	0.0368	0.0174	14	0.84	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0968	1.445	0.0100	1.405	0.0368	0.0174	14	1.10	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0939	1.465	0.0100	1.405	0.0368	0.0174	14	1.64	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0910	1.390	0.1200	1.405	0.0368	0.0174	14	-0.40	1%	1
135.00	Threonine, Post-col Ninhydrin Der (%)	0675	2.365	0.0300	1.405	0.0368	0.0174	14	26.07	34%	2
135.02	Threonine, Post-col OPA Der (%)	0098	1.349	0.0030				1			0
135.05	Threonine, Pre-col AQC Der (%)	0407	1.006	0.0230	1.393	0.1193	0.0316	9	-3.24	14%	0
135.05	Threonine, Pre-col AQC Der (%)	0870	1.280	0.0430	1.393	0.1193	0.0316	9	-0.95	4%	0
135.05	Threonine, Pre-col AQC Der (%)	0610	1.365	0.0100	1.393	0.1193	0.0316	9	-0.23	1%	0
135.05	Threonine, Pre-col AQC Der (%)	2319	1.375	0.0700	1.393	0.1193	0.0316	9	-0.15	1%	0
135.05	Threonine, Pre-col AQC Der (%)	2196	1.393	0.0000	1.393	0.1193	0.0316	9	0.00	0%	0
135.05	Threonine, Pre-col AQC Der (%)	0626	1.399	0.0400	1.393	0.1193	0.0316	9	0.05	0%	0
135.05	Threonine, Pre-col AQC Der (%)	2188	1.451	0.0000	1.393	0.1193	0.0316	9	0.49	2%	0
135.05	Threonine, Pre-col AQC Der (%)	2195	1.485	0.0300	1.393	0.1193	0.0316	9	0.78	3%	0
135.05	Threonine, Pre-col AQC Der (%)	2246	1.624	0.0104	1.393	0.1193	0.0316	9	1.94	8%	0
135.05	Threonine, Pre-col AQC Der (%)	0148	1.525	0.1700	1.393	0.1193	0.0316	9	1.11	5%	1
135.99	Threonine, Miscellaneous (%)	0656	1.210	0.0000				3			0
135.99	Threonine, Miscellaneous (%)	2144	1.300	0.0000				3			0
135.99	Threonine, Miscellaneous (%)	0227	1.480	0.0000				3			0
135.99	Threonine, Miscellaneous (%)	2246	1.485	0.1544				3			1
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0682	0.3710	0.0000				2			0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0227	0.4700	0.0000				2			0
136.01	Tryptophan, Alka-Hydrol Rev Phase LC UV (%)	0644	0.4190	0.0000				2			0
136.01	Tryptophan, Alka-Hydrol Rev Phase LC UV (%)	0571	0.4395	0.0070				2			0
136.02	Tryptophan, Alka-Hydrol Post-col OPA De (%)	0098	0.4045	0.0110				1			0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0939	0.4100	0.0000	0.4367	0.0359	0.0050	8	-0.74	3%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	2114	0.4112	0.0008	0.4367	0.0359	0.0050	8	-0.71	3%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	2059	0.4140	0.0020	0.4367	0.0359	0.0050	8	-0.63	3%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0872	0.4170	0.0040	0.4367	0.0359	0.0050	8	-0.55	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	
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0859	0.4278	0.0057	0.4367	0.0359	0.0050	8	-0.25	1%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0353	0.4450	0.0100	0.4367	0.0359	0.0050	8	0.23	1%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	2196	0.4780	0.0000	0.4367	0.0359	0.0050	8	1.15	5%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0226	0.4910	0.0077	0.4367	0.0359	0.0050	8	1.51	6%	0
136.05	Tryptophan, Pre-col AQC Der (%)	0407	0.2090	0.0260	0.3004	0.0835	0.0189	4			0
136.05	Tryptophan, Pre-col AQC Der (%)	2246	0.2602	0.0078	0.3004	0.0835	0.0189	4			0
136.05	Tryptophan, Pre-col AQC Der (%)	0870	0.3325	0.0230	0.3004	0.0835	0.0189	4			0
136.05	Tryptophan, Pre-col AQC Der (%)	2319	0.4000	0.0000	0.3004	0.0835	0.0189	4			0
136.99	Tryptophan, Miscellaneous (%)	2246	0.3523	0.0179				2			0
136.99	Tryptophan, Miscellaneous (%)	0504	0.3650	0.0160				2			0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0910	0.8750	0.0100	1.067	0.0842	0.0138	12	-2.28	9%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0682	0.9710	0.0000	1.067	0.0842	0.0138	12	-1.14	4%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0354	0.9890	0.0060	1.067	0.0842	0.0138	12	-0.93	4%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0675	1.060	0.0200	1.067	0.0842	0.0138	12	-0.08	0%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0872	1.068	0.0090	1.067	0.0842	0.0138	12	0.01	0%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0723	1.070	0.0000	1.067	0.0842	0.0138	12	0.04	0%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0226	1.073	0.0239	1.067	0.0842	0.0138	12	0.07	0%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0644	1.074	0.0000	1.067	0.0842	0.0138	12	0.08	0%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0968	1.085	0.0100	1.067	0.0842	0.0138	12	0.21	1%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0939	1.105	0.0100	1.067	0.0842	0.0138	12	0.45	2%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0353	1.175	0.0500	1.067	0.0842	0.0138	12	1.28	5%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	2059	1.251	0.0090	1.067	0.0842	0.0138	12	2.18	9%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0504	0.9600	0.1400	1.067	0.0842	0.0138	12	-1.27	5%	1
137.02	Tyrosine, Post-col OPA Der (%)	0098	0.8845	0.0750				1			0
137.05	Tyrosine, Pre-col AQC Der (%)	0407	0.8575	0.0370	1.073	0.1646	0.0210	8	-1.31	10%	0
137.05	Tyrosine, Pre-col AQC Der (%)	0870	0.9545	0.0130	1.073	0.1646	0.0210	8	-0.72	6%	0
137.05	Tyrosine, Pre-col AQC Der (%)	2246	1.012	0.0349	1.073	0.1646	0.0210	8	-0.37	3%	0
137.05	Tyrosine, Pre-col AQC Der (%)	0626	1.037	0.0100	1.073	0.1646	0.0210	8	-0.22	2%	0
137.05	Tyrosine, Pre-col AQC Der (%)	2319	1.060	0.0000	1.073	0.1646	0.0210	8	-0.08	1%	0
137.05	Tyrosine, Pre-col AQC Der (%)	0610	1.155	0.0100	1.073	0.1646	0.0210	8	0.50	4%	0
137.05	Tyrosine, Pre-col AQC Der (%)	2196	1.191	0.0000	1.073	0.1646	0.0210	8	0.71	5%	0
137.05	Tyrosine, Pre-col AQC Der (%)	2188	1.534	0.0000	1.073	0.1646	0.0210	8	2.80	21%	0
137.05	Tyrosine, Pre-col AQC Der (%)	0148	1.210	0.1000	1.073	0.1646	0.0210	8	0.83	6%	1
137.99	Tyrosine, Miscellaneous (%)	0227	0.9750	0.0300				3			0
137.99	Tyrosine, Miscellaneous (%)	0656	1.190	0.0000				3			0
137.99	Tyrosine, Miscellaneous (%)	2144	1.415	0.0500				3			0
138.00	Valine, Post-col Ninhydrin Der (%)	0353	1.690	0.0600	1.896	0.1154	0.0219	15	-1.79	5%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0226	1.759	0.0347	1.896	0.1154	0.0219	15	-1.19	4%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0675	1.790	0.0200	1.896	0.1154	0.0219	15	-0.92	3%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0723	1.790	0.0000	1.896	0.1154	0.0219	15	-0.92	3%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0682	1.844	0.0000	1.896	0.1154	0.0219	15	-0.45	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0939	1.855	0.0100	1.896	0.1154	0.0219	15	-0.36	1%	0

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			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
138.00	Valine, Post-col Ninhydrin Der (%)	0644	1.878	0.0000	1.896	0.1154	0.0219	15	-0.16	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0354	1.904	0.0160	1.896	0.1154	0.0219	15	0.07	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0968	1.915	0.0300	1.896	0.1154	0.0219	15	0.16	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0652	1.960	0.0000	1.896	0.1154	0.0219	15	0.55	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0571	1.972	0.0070	1.896	0.1154	0.0219	15	0.65	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0859	1.989	0.0502	1.896	0.1154	0.0219	15	0.81	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	2059	1.994	0.0090	1.896	0.1154	0.0219	15	0.84	3%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0872	2.000	0.0030	1.896	0.1154	0.0219	15	0.90	3%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0504	2.145	0.0100	1.896	0.1154	0.0219	15	2.16	7%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0910	1.950	0.1400	1.896	0.1154	0.0219	15	0.47	1%	1
138.02	Valine, Post-col OPA Der (%)	0098	2.008	0.0150				1			0
138.05	Valine, Pre-col AQC Der (%)	2319	1.530	0.0000	1.912	0.1600	0.0671	10	-2.39	10%	0
138.05	Valine, Pre-col AQC Der (%)	0870	1.745	0.0940	1.912	0.1600	0.0671	10	-1.04	4%	0
138.05	Valine, Pre-col AQC Der (%)	0407	1.810	0.0780	1.912	0.1600	0.0671	10	-0.64	3%	0
138.05	Valine, Pre-col AQC Der (%)	2195	1.875	0.1300	1.912	0.1600	0.0671	10	-0.23	1%	0
138.05	Valine, Pre-col AQC Der (%)	2196	1.923	0.0000	1.912	0.1600	0.0671	10	0.07	0%	0
138.05	Valine, Pre-col AQC Der (%)	0626	1.946	0.0350	1.912	0.1600	0.0671	10	0.21	1%	0
138.05	Valine, Pre-col AQC Der (%)	0610	1.955	0.0100	1.912	0.1600	0.0671	10	0.27	1%	0
138.05	Valine, Pre-col AQC Der (%)	2246	1.993	0.0228	1.912	0.1600	0.0671	10	0.51	2%	0
138.05	Valine, Pre-col AQC Der (%)	0148	2.070	0.1000	1.912	0.1600	0.0671	10	0.99	4%	0
138.05	Valine, Pre-col AQC Der (%)	2188	2.129	0.0000	1.912	0.1600	0.0671	10	1.36	6%	0
138.99	Valine, Miscellaneous (%)	0656	1.880	0.0000				3			0
138.99	Valine, Miscellaneous (%)	2144	1.970	0.0800				3			0
138.99	Valine, Miscellaneous (%)	0227	2.080	0.0000				3			0
139.00	Taurine, Post-col Ninhydrin Der (%)	0682	0.0450	0.0000				2			0
139.00	Taurine, Post-col Ninhydrin Der (%)	0504	0.1750	0.0300				2			0
139.02	Taurine, Post-col OPA Der (%)	0098	< 0.01					0			5
139.05	Taurine, Pre-col AQC Der (%)	2319	0.0120	0.0000				2			0
139.05	Taurine, Pre-col AQC Der (%)	0407	0.0175	0.0110				2			0
139.99	Taurine, Miscellaneous (%)	0227	0.0100	0.0000				1			0
160.10	Fructose, HPAEC PAD (%)	0297	0.0450	0.0100				1			0
160.99	Fructose, Miscellaneous (%)	0227	0.1950	0.0300				1			0
161.10	Galactose, HPAEC PAD (%)	0297	0.0000	0.0000				0			4
162.10	Glucose, HPAEC PAD (%)	0297	0.0300	0.0000				1			0
162.99	Glucose, Miscellaneous (%)	0227	< 0.15					0			5
163.10	Lactose, HPAEC PAD (%)	0297	0.0000	0.0000				0			4
163.99	Lactose, Miscellaneous (%)	0227	< 0.15					0			5
164.10	Maltose, HPAEC PAD (%)	0297	0.0000	0.0000				0			4
164.99	Maltose, Miscellaneous (%)	0227	< 0.15					0			5
165.10	Sucrose, HPAEC PAD (%)	0297	2.420	0.0600				1			0
165.99	Sucrose, Miscellaneous (%)	0227	2.535	0.0700				1			0
166.10	Raffinose, HPAEC PAD (%)	0297	1.935	0.1100				1			0

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			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs			
166.99	Raffinose, Miscellaneous (%)	0227	1.620	0.0200				1			0
167.10	Stachyose, HPAEC PAD (%)	0297	0.8350	0.0300				1			0
167.99	Stachyose, Miscellaneous (%)	0227	0.8200	0.0200				1			0
400.01	Water Activity, Aqualab chilled mirror (Units)	2268	0.4255	0.0030	0.4999	0.0259	0.0070	14	-2.88	7%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	2174	0.4775	0.0130	0.4999	0.0259	0.0070	14	-0.87	2%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	2168	0.4825	0.0190	0.4999	0.0259	0.0070	14	-0.67	2%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	0942	0.4830	0.0000	0.4999	0.0259	0.0070	14	-0.65	2%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	0853	0.4869	0.0086	0.4999	0.0259	0.0070	14	-0.50	1%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	0407	0.4881	0.0006	0.4999	0.0259	0.0070	14	-0.46	1%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	2303	0.4905	0.0030	0.4999	0.0259	0.0070	14	-0.36	1%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	0921	0.4980	0.0000	0.4999	0.0259	0.0070	14	-0.07	0%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	0589	0.5055	0.0050	0.4999	0.0259	0.0070	14	0.22	1%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	0010	0.5115	0.0170	0.4999	0.0259	0.0070	14	0.45	1%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	2114	0.5153	0.0017	0.4999	0.0259	0.0070	14	0.59	2%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	0123	0.5250	0.0100	0.4999	0.0259	0.0070	14	0.97	3%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	0885	0.5350	0.0040	0.4999	0.0259	0.0070	14	1.36	4%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	2109	0.5970	0.0006	0.4999	0.0259	0.0070	14	3.76	10%	0
400.99	Water Activity, Miscellaneous (Units)	0910	0.4845	0.0010				2			0
400.99	Water Activity, Miscellaneous (Units)	0656	0.5000	0.0000				2			0
516.00	Arsenic, Total (As), AA, Hydride (ppm)	0045	0.1555	0.0130				1			0
516.43	Arsenic, Total (As), ICP, Microwave (ppm)	0021	< 5					0			5
516.43	Arsenic, Total (As), ICP, Microwave (ppm)	0682	< 20					0			5
516.52	Arsenic, Total (As), ICP-MS, Open vessel (ppm)	0186	0.2591	0.0012				1			0
516.53	Arsenic, Total (As), ICP-MS, Microwave (ppm)	0407	0.2265	0.0280				3			0
516.53	Arsenic, Total (As), ICP-MS, Microwave (ppm)	0227	0.2515	0.0110				3			0
516.53	Arsenic, Total (As), ICP-MS, Microwave (ppm)	0021	0.2800	0.0000				3			0
518.41	Cadmium, ICP, Dry ash (ppm)	0407	0.0685	0.0128				1			0
518.42	Cadmium, ICP, Open vessel (ppm)	2433	0.1170	0.0040				1			0
518.43	Cadmium, ICP, Microwave (ppm)	0407	0.0608	0.0142				3			0
518.43	Cadmium, ICP, Microwave (ppm)	0968	0.0790	0.0000				3			0
518.43	Cadmium, ICP, Microwave (ppm)	0032	0.0850	0.0100				3			0
518.43	Cadmium, ICP, Microwave (ppm)	0682	< 0.2					3			5
518.43	Cadmium, ICP, Microwave (ppm)	0021	< 2					3			5
518.52	Cadmium, ICP-MS, Open vessel (ppm)	0186	0.0849	0.0041				1			0
518.53	Cadmium, ICP-MS, Microwave (ppm)	0227	0.0815	0.0010				3			0
518.53	Cadmium, ICP-MS, Microwave (ppm)	0407	0.0823	0.0115				3			0
518.53	Cadmium, ICP-MS, Microwave (ppm)	0021	0.0845	0.0010				3			0
518.99	Cadmium, Miscellaneous (ppm)	2114	0.0844	0.0064				1			0
520.31	Chromium, Total (Cr), AAS, Dry ash (ppm)	0656	< 0.1565					0			5
520.41	Chromium, Total (Cr), ICP, Dry ash (ppm)	0407	1.845	0.0282				1			0
520.42	Chromium, Total (Cr), ICP, Open vessel (ppm)	0685	1.280	0.0400				3			0
520.42	Chromium, Total (Cr), ICP, Open vessel (ppm)	0693	2.576	0.0150				3			0

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			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs			
520.42	Chromium, Total (Cr), ICP, Open vessel (ppm)	0045	3.470	0.1200				3			0
520.43	Chromium, Total (Cr), ICP, Microwave (ppm)	0968	2.151	0.0160	3.024	0.9443	0.0283	6	-0.92	14%	0
520.43	Chromium, Total (Cr), ICP, Microwave (ppm)	0407	2.299	0.0071	3.024	0.9443	0.0283	6	-0.77	12%	0
520.43	Chromium, Total (Cr), ICP, Microwave (ppm)	0226	2.605	0.0500	3.024	0.9443	0.0283	6	-0.44	7%	0
520.43	Chromium, Total (Cr), ICP, Microwave (ppm)	0510	3.040	0.0000	3.024	0.9443	0.0283	6	0.02	0%	0
520.43	Chromium, Total (Cr), ICP, Microwave (ppm)	0032	4.020	0.0400	3.024	0.9443	0.0283	6	1.05	16%	0
520.43	Chromium, Total (Cr), ICP, Microwave (ppm)	0682	4.030	0.0000	3.024	0.9443	0.0283	6	1.07	17%	0
520.43	Chromium, Total (Cr), ICP, Microwave (ppm)	0021	< 22		3.024	0.9443	0.0283	6			5
520.52	Chromium, Total (Cr), ICP-MS, Open vessel (ppm)	0186	0.8407	0.0292				1			0
520.53	Chromium, Total (Cr), ICP-MS, Microwave (ppm)	0164	2.725	0.1500	3.136	0.4589	0.1797	4			0
520.53	Chromium, Total (Cr), ICP-MS, Microwave (ppm)	0407	2.773	0.1987	3.136	0.4589	0.1797	4			0
520.53	Chromium, Total (Cr), ICP-MS, Microwave (ppm)	0939	3.395	0.2700	3.136	0.4589	0.1797	4			0
520.53	Chromium, Total (Cr), ICP-MS, Microwave (ppm)	0021	3.650	0.1000	3.136	0.4589	0.1797	4			0
526.41	Lead, ICP, Dry ash (ppm)	0407	0.1805	0.0400				1			0
526.42	Lead, ICP, Open vessel (ppm)	2433	1.203	0.2430				1			0
526.43	Lead, ICP, Microwave (ppm)	0407	0.2363	0.0204				1			0
526.43	Lead, ICP, Microwave (ppm)	0021	< 6					1			5
526.43	Lead, ICP, Microwave (ppm)	0682	< 10					1			5
526.52	Lead, ICP-MS, Open vessel (ppm)	0186	0.1378	0.0110				1			0
526.53	Lead, ICP-MS, Microwave (ppm)	0407	0.0914	0.0090	0.1130	0.0319	0.0105	4			0
526.53	Lead, ICP-MS, Microwave (ppm)	0032	0.0950	0.0100	0.1130	0.0319	0.0105	4			0
526.53	Lead, ICP-MS, Microwave (ppm)	0227	0.1055	0.0030	0.1130	0.0319	0.0105	4			0
526.53	Lead, ICP-MS, Microwave (ppm)	0939	0.1600	0.0200	0.1130	0.0319	0.0105	4			0
526.53	Lead, ICP-MS, Microwave (ppm)	0021	< 0.2		0.1130	0.0319	0.0105	4			5
529.99	Mercury, Miscellaneous (ppb)	0407	18.95	0.9683				1			0
529.99	Mercury, Miscellaneous (ppb)	0227	< 10					1			5
529.99	Mercury, Miscellaneous (ppb)	0682	< 10000					1			5
539.41	Nickel, ICP, Dry ash (ppm)	0407	4.093	0.0553				1			0
539.42	Nickel, ICP, Open vessel (ppm)	2433	8.374	0.8270				1			0
539.43	Nickel, ICP, Microwave (ppm)	0226	3.970	0.1000	4.615	0.5934	0.1394	4			0
539.43	Nickel, ICP, Microwave (ppm)	0407	4.280	0.0181	4.615	0.5934	0.1394	4			0
539.43	Nickel, ICP, Microwave (ppm)	0021	4.950	0.3000	4.615	0.5934	0.1394	4			0
539.43	Nickel, ICP, Microwave (ppm)	0682	5.260	0.0000	4.615	0.5934	0.1394	4			0
539.52	Nickel, ICP-MS, Open vessel (ppm)	0186	4.006	0.0689				1			0
539.53	Nickel, ICP-MS, Microwave (ppm)	0939	4.365	0.1700				3			0
539.53	Nickel, ICP-MS, Microwave (ppm)	0021	5.200	0.2000				3			0
539.53	Nickel, ICP-MS, Microwave (ppm)	0407	5.235	0.6832				3			0
702.00	Butyric Acid (4:0), Miscellaneous GC (%)	0164	< 0.02					0			5
704.00	Caproic Acid (6:0), Miscellaneous GC (%)	0164	< 0.02					0			5
706.99	Caprylic acid (8:0), Miscellaneous (% (w/w))	0164	< 0.02					0			5
706.99	Caprylic acid (8:0), Miscellaneous (% (w/w))	0910	< 0.05					0			5
708.99	Capric acid (10:0), Miscellaneous (% (w/w))	0910	0.1050	0.0100				1			0

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			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs			
708.99	Capric acid (10:0), Miscellaneous (% (w/w))	0164	< 0.02					1		5	
710.99	Lauric Acid (12:0), Miscellaneous (% (w/w))	0226	0.0052	0.0004				2		0	
710.99	Lauric Acid (12:0), Miscellaneous (% (w/w))	0910	0.0950	0.0100				2		0	
710.99	Lauric Acid (12:0), Miscellaneous (% (w/w))	0676	< 0.01					2		5	
710.99	Lauric Acid (12:0), Miscellaneous (% (w/w))	0164	< 0.02					2		5	
714.99	Myristic Acid (14:0), Miscellaneous (% (w/w))	0226	0.0464	0.0010				3		0	
714.99	Myristic Acid (14:0), Miscellaneous (% (w/w))	0164	0.0465	0.0010				3		0	
714.99	Myristic Acid (14:0), Miscellaneous (% (w/w))	0910	0.7950	0.0100				3		0	
716.99	Palmitic Acid (16:0), Miscellaneous (% (w/w))	0164	1.150	0.0060				3		0	
716.99	Palmitic Acid (16:0), Miscellaneous (% (w/w))	0226	1.164	0.0300				3		0	
716.99	Palmitic Acid (16:0), Miscellaneous (% (w/w))	0910	19.93	0.1000				3		0	
718.99	Palmitoleic Acid (9c-16:1), Miscellaneous (% (w/w))	0676	0.1470	0.0000				3		0	
718.99	Palmitoleic Acid (9c-16:1), Miscellaneous (% (w/w))	0164	0.1520	0.0000				3		0	
718.99	Palmitoleic Acid (9c-16:1), Miscellaneous (% (w/w))	0226	0.1582	0.0002				3		0	
718.99	Palmitoleic Acid (9c-16:1), Miscellaneous (% (w/w))	0910	3.455	0.0300				3		2	
720.99	Margaric acid (17:0), Miscellaneous (% (w/w))	0164	< 0.02					0		5	
722.99	Stearic Acid (18:0), Miscellaneous (% (w/w))	0164	0.2435	0.0030				3		0	
722.99	Stearic Acid (18:0), Miscellaneous (% (w/w))	0226	0.2498	0.0023				3		0	
722.99	Stearic Acid (18:0), Miscellaneous (% (w/w))	0910	4.385	0.0100				3		0	
724.99	Oleic Acid (9c-18:1), Miscellaneous (% (w/w))	0164	1.586	0.0030				3		0	
724.99	Oleic Acid (9c-18:1), Miscellaneous (% (w/w))	0226	1.644	0.0437				3		0	
724.99	Oleic Acid (9c-18:1), Miscellaneous (% (w/w))	0910	32.38	0.0000				3		0	
726.99	Linoleic Acid (9c,12c-18:2), Miscellaneous (% (w/w))	0164	1.786	0.0000				3		0	
726.99	Linoleic Acid (9c,12c-18:2), Miscellaneous (% (w/w))	0676	1.816	0.0060				3		0	
726.99	Linoleic Acid (9c,12c-18:2), Miscellaneous (% (w/w))	0226	1.873	0.0631				3		0	
726.99	Linoleic Acid (9c,12c-18:2), Miscellaneous (% (w/w))	0910	30.50	0.0500				3		2	
728.99	alpha-Linolenic Acid (9c,12c,15c-18:3), Miscellaneous (% (w/w))	0164	0.1010	0.0040				3		0	
728.99	alpha-Linolenic Acid (9c,12c,15c-18:3), Miscellaneous (% (w/w))	0676	0.1035	0.0010				3		0	
728.99	alpha-Linolenic Acid (9c,12c,15c-18:3), Miscellaneous (% (w/w))	0226	0.1061	0.0041				3		0	
728.99	alpha-Linolenic Acid (9c,12c,15c-18:3), Miscellaneous (% (w/w))	0910	1.860	0.0000				3		2	
730.99	Arachidic Acid (20:0), Miscellaneous (% (w/w))	0164	0.0295	0.0010				3		0	
730.99	Arachidic Acid (20:0), Miscellaneous (% (w/w))	0226	0.0308	0.0004				3		0	
730.99	Arachidic Acid (20:0), Miscellaneous (% (w/w))	0910	0.5050	0.0100				3		0	
732.99	Gondoic Acid (11c-20:1), Miscellaneous (% (w/w))	0226	0.0187	0.0012				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 (% (w/w))	0676	0.0120	0.0020				1		0	
736.99	Arachidonic Acid (5c,8c,11c,14c-20:4), Miscellaneous (% (w/w))	0164	< 0.02					1		5	
740.99	Eicosapentaenoic Acid EPA (5c,8c,11c,14c,17c-20:5), Miscellaneous (% (w/w))	0676	0.0160	0.0000				3		0	
740.99	Eicosapentaenoic Acid EPA (5c,8c,11c,14c,17c-20:5), Miscellaneous (% (w/w))	0226	0.0162	0.0009				3		0	
740.99	Eicosapentaenoic Acid EPA (5c,8c,11c,14c,17c-20:5), Miscellaneous (% (w/w))	0910	0.2900	0.0200				3		0	
740.99	Eicosapentaenoic Acid EPA (5c,8c,11c,14c,17c-20:5), Miscellaneous (% (w/w))	0164	< 0.02					3		5	
742.99	Behenic Acid (22:0), Miscellaneous (% (w/w))	0226	0.0206	0.0016				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			
742.99	Behenic Acid (22:0), Miscellaneous (% (w/w))	0910	0.3150	0.0100				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))	0226	< 0.005					0		5	
744.99	Erucic Acid (13c-22:1), Miscellaneous (% (w/w))	0164	< 0.02					0		5	
744.99	Erucic Acid (13c-22:1), Miscellaneous (% (w/w))	0910	< 0.05					0		5	
746.99	Docosapentaenoic Acid n-3 DPA (7c,10c,13c,1)	0226	< 0.005					0		5	
746.99	Docosapentaenoic Acid n-3 DPA (7c,10c,13c,1)	0676	< 0.01					0		5	
746.99	Docosapentaenoic Acid n-3 DPA (7c,10c,13c,1)	0164	< 0.02					0		5	
746.99	Docosapentaenoic Acid n-3 DPA (7c,10c,13c,1)	0910	< 0.05					0		5	
748.99	Lignoceric Acid (24:0), Miscellaneous (% (w/w))	0164	0.0275	0.0030				3		0	
748.99	Lignoceric Acid (24:0), Miscellaneous (% (w/w))	0226	0.0330	0.0047				3		0	
748.99	Lignoceric Acid (24:0), Miscellaneous (% (w/w))	0910	0.5100	0.0400				3		0	
750.99	Docosahexaenoic Acid DHA (4c,7c,10c,13c,16c)	0676	0.0160	0.0000				3		0	
750.99	Docosahexaenoic Acid DHA (4c,7c,10c,13c,16c)	0226	0.0175	0.0009				3		0	
750.99	Docosahexaenoic Acid DHA (4c,7c,10c,13c,16c)	0910	0.2650	0.0100				3		0	
750.99	Docosahexaenoic Acid DHA (4c,7c,10c,13c,16c)	0164	< 0.02					3		5	
752.99	Nervonic Acid (24:1) isomers, Miscellaneous (%)	0226	< 0.005					0		5	
752.99	Nervonic Acid (24:1) isomers, Miscellaneous (%)	0164	< 0.02					0		5	
754.99	Total n-3 Polyunsaturated (Omega-3) Fatty Acids	0676	0.1400	0.0000				2		0	
754.99	Total n-3 Polyunsaturated (Omega-3) Fatty Acids	0164	0.1440	0.0040				2		0	
756.99	Total n-6 Polyunsaturated (Omega-6) Fatty Acids	0164	1.815	0.0010				2		0	
756.99	Total n-6 Polyunsaturated (Omega-6) Fatty Acids	0676	1.840	0.0000				2		0	
758.99	Total Saturated Fatty Acids, Miscellaneous (%)	0164	1.552	0.0130				2		0	
758.99	Total Saturated Fatty Acids, Miscellaneous (%)	0910	26.97	0.0500				2		0	
762.99	Total Monounsaturated Fatty Acids, Miscellaneous	0910	36.59	0.0400				1		0	
764.99	Total cis Monounsaturated Fatty Acids, Miscellaneous	0164	1.858	0.0280				1		0	
766.99	Total Polyunsaturated Fatty Acids, Miscellaneous	0910	33.30	0.1700				1		0	
768.99	Total cis Polyunsaturated Fatty Acids, Miscellaneous	0164	1.969	0.0010				1		0	
770.99	Total Fat (equivalent to NLEA), Miscellaneous (%)	0164	5.689	0.0390				1		0	
772.99	Total Fatty Acids, Miscellaneous (% (w/w))	0226	5.382	0.1485				2		0	
772.99	Total Fatty Acids, Miscellaneous (% (w/w))	0164	5.438	0.0380				2		0	

Note 1: Interpreting Z Scores: Red indicates a normally distributed Z value >3 or <-3 (requires action), Orange = Z between 2 and 3 or between -2 and -3 (warning) and Green = Z <= 2 and >= -2 (OK at 95%).

Note 2: Data Not Used Flags: 1=Rejected for duplicates too far apart, 2=Rejected as extreme outlier, 5=Reporting limit (<), 4=Zeros submitted as values and 3=Statistical problem. Flag 0 indicates data used in calculations.

Note 3: *Robust statistics not used if < 6 labs reporting, in the case of 4 or 5 labs reporting Means and SD's may be reported based on Raw Data with obvious blunders removed (Mandel h and k exclusions apply; Grey). A zero range is not included in robust R-bar calculation.