



AAFCO
Association of American Feed Control Officials



Animal Feed Scheme

Dry Dog Feed

Test Material Code # 202326

Method Proficiency Testing Report

Labs Reporting: 205

Methods Reported 403

Issue Date : 07/31/2023

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs			
000.02	Urea, As protein, Colorimetric (%)	0278	0.1000	0.0000				1			0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0504	7.075	0.0300	7.455	0.3512	0.0587	6	-1.08	3%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	2122	7.145	0.1500	7.455	0.3512	0.0587	6	-0.88	2%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0309	7.355	0.1100	7.455	0.3512	0.0587	6	-0.28	1%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0169	7.605	0.0100	7.455	0.3512	0.0587	6	0.43	1%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0407	7.739	0.0322	7.455	0.3512	0.0587	6	0.81	2%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	2250	7.810	0.0200	7.455	0.3512	0.0587	6	1.01	2%	0
001.03	Loss on Drying, Low temp. methods (%)	2124	7.105	0.1500	7.291	0.2007	0.1175	4			0
001.03	Loss on Drying, Low temp. methods (%)	2393	7.170	0.2600	7.291	0.2007	0.1175	4			0
001.03	Loss on Drying, Low temp. methods (%)	0843	7.335	0.0500	7.291	0.2007	0.1175	4			0
001.03	Loss on Drying, Low temp. methods (%)	0619	7.555	0.0100	7.291	0.2007	0.1175	4			0
001.05	Loss on Drying, LECO (%)	0644	7.564	0.0020				1			0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0853	6.650	0.1000	7.408	0.2636	0.0727	74	-2.88	5%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2195	6.725	0.0100	7.408	0.2636	0.0727	74	-2.59	5%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0278	6.845	0.0900	7.408	0.2636	0.0727	74	-2.14	4%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0845	6.995	0.0700	7.408	0.2636	0.0727	74	-1.57	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0353	7.000	0.0600	7.408	0.2636	0.0727	74	-1.55	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2124	7.005	0.1100	7.408	0.2636	0.0727	74	-1.53	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0643	7.015	0.0500	7.408	0.2636	0.0727	74	-1.49	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2345	7.030	0.0800	7.408	0.2636	0.0727	74	-1.44	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0019	7.035	0.0300	7.408	0.2636	0.0727	74	-1.42	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2439	7.085	0.0300	7.408	0.2636	0.0727	74	-1.23	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0034	7.105	0.0500	7.408	0.2636	0.0727	74	-1.15	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0650	7.130	0.0400	7.408	0.2636	0.0727	74	-1.06	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2437	7.150	0.0400	7.408	0.2636	0.0727	74	-0.98	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	1020	7.165	0.0100	7.408	0.2636	0.0727	74	-0.92	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2435	7.170	0.1800	7.408	0.2636	0.0727	74	-0.90	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0512	7.196	0.1520	7.408	0.2636	0.0727	74	-0.81	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0010	7.200	0.0000	7.408	0.2636	0.0727	74	-0.79	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2438	7.230	0.1400	7.408	0.2636	0.0727	74	-0.68	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0142	7.250	0.0600	7.408	0.2636	0.0727	74	-0.60	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0682	7.250	0.0000	7.408	0.2636	0.0727	74	-0.60	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0038	7.260	0.0000	7.408	0.2636	0.0727	74	-0.56	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	
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0083	7.275	0.0100	7.408	0.2636	0.0727	74	-0.51	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0171	7.275	0.0100	7.408	0.2636	0.0727	74	-0.51	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0226	7.300	0.0400	7.408	0.2636	0.0727	74	-0.41	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2192	7.310	0.0200	7.408	0.2636	0.0727	74	-0.37	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0505	7.330	0.0000	7.408	0.2636	0.0727	74	-0.30	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0596	7.335	0.0700	7.408	0.2636	0.0727	74	-0.28	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0843	7.335	0.0500	7.408	0.2636	0.0727	74	-0.28	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0139	7.340	0.0600	7.408	0.2636	0.0727	74	-0.26	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2362	7.365	0.4100	7.408	0.2636	0.0727	74	-0.16	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2009	7.366	0.0006	7.408	0.2636	0.0727	74	-0.16	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2252	7.395	0.3100	7.408	0.2636	0.0727	74	-0.05	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2408	7.400	0.2800	7.408	0.2636	0.0727	74	-0.03	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2429	7.400	0.2400	7.408	0.2636	0.0727	74	-0.03	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2156	7.410	0.1200	7.408	0.2636	0.0727	74	0.01	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0049	7.415	0.2700	7.408	0.2636	0.0727	74	0.02	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0027	7.450	0.0100	7.408	0.2636	0.0727	74	0.16	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0035	7.450	0.1600	7.408	0.2636	0.0727	74	0.16	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0872	7.450	0.0200	7.408	0.2636	0.0727	74	0.16	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2421	7.450	0.1600	7.408	0.2636	0.0727	74	0.16	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0571	7.455	0.0500	7.408	0.2636	0.0727	74	0.18	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2399	7.460	0.0400	7.408	0.2636	0.0727	74	0.20	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0066	7.480	0.0800	7.408	0.2636	0.0727	74	0.27	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	1023	7.480	0.0200	7.408	0.2636	0.0727	74	0.27	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	1022	7.485	0.0700	7.408	0.2636	0.0727	74	0.29	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0581	7.490	0.2000	7.408	0.2636	0.0727	74	0.31	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2426	7.495	0.1100	7.408	0.2636	0.0727	74	0.33	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0407	7.529	0.0961	7.408	0.2636	0.0727	74	0.46	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2330	7.530	0.1400	7.408	0.2636	0.0727	74	0.46	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	1021	7.540	0.0400	7.408	0.2636	0.0727	74	0.50	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2422	7.540	0.0600	7.408	0.2636	0.0727	74	0.50	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2445	7.540	0.0000	7.408	0.2636	0.0727	74	0.50	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2220	7.555	0.0300	7.408	0.2636	0.0727	74	0.56	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2059	7.560	0.0400	7.408	0.2636	0.0727	74	0.57	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2398	7.560	0.0400	7.408	0.2636	0.0727	74	0.57	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2361	7.570	0.0000	7.408	0.2636	0.0727	74	0.61	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0693	7.582	0.0770	7.408	0.2636	0.0727	74	0.66	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0089	7.585	0.0100	7.408	0.2636	0.0727	74	0.67	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2259	7.593	0.0150	7.408	0.2636	0.0727	74	0.70	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2416	7.605	0.0500	7.408	0.2636	0.0727	74	0.75	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0148	7.615	0.0300	7.408	0.2636	0.0727	74	0.78	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0297	7.645	0.0100	7.408	0.2636	0.0727	74	0.90	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2293	7.645	0.0700	7.408	0.2636	0.0727	74	0.90	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0098	7.680	0.2600	7.408	0.2636	0.0727	74	1.03	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2452	7.685	0.0900	7.408	0.2636	0.0727	74	1.05	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2417	7.705	0.1700	7.408	0.2636	0.0727	74	1.12	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2419	7.720	0.0600	7.408	0.2636	0.0727	74	1.18	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0028	7.745	0.0100	7.408	0.2636	0.0727	74	1.28	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0689	7.750	0.1000	7.408	0.2636	0.0727	74	1.30	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2420	7.785	0.0300	7.408	0.2636	0.0727	74	1.43	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2424	7.820	0.0600	7.408	0.2636	0.0727	74	1.56	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0074	7.960	0.0000	7.408	0.2636	0.0727	74	2.09	4%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0366	8.150	0.1000	7.408	0.2636	0.0727	74	2.81	5%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0045	8.240	0.0400	7.408	0.2636	0.0727	74	3.15	6%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2436	7.070	0.7400	7.408	0.2636	0.0727	74	-1.28	2%	1
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2190	7.250	0.5800	7.408	0.2636	0.0727	74	-0.60	1%	1
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0345	5.275	0.0700	7.408	0.2636	0.0727	74	-8.09	14%	2
001.08	Loss on Drying, 102°C 16 hr, in meat (%)	0921	7.321	0.2730				1			0
001.99	Loss on Drying, Miscellaneous (%)	0618	5.860	0.2600	7.053	0.5686	0.1306	19	-2.10	8%	0
001.99	Loss on Drying, Miscellaneous (%)	0186	6.229	0.1277	7.053	0.5686	0.1306	19	-1.45	6%	0
001.99	Loss on Drying, Miscellaneous (%)	2155	6.265	0.2100	7.053	0.5686	0.1306	19	-1.39	6%	0
001.99	Loss on Drying, Miscellaneous (%)	0019	6.525	0.1300	7.053	0.5686	0.1306	19	-0.93	4%	0
001.99	Loss on Drying, Miscellaneous (%)	0889	6.650	0.1800	7.053	0.5686	0.1306	19	-0.71	3%	0
001.99	Loss on Drying, Miscellaneous (%)	2392	6.880	0.1600	7.053	0.5686	0.1306	19	-0.30	1%	0
001.99	Loss on Drying, Miscellaneous (%)	2319	6.900	0.0000	7.053	0.5686	0.1306	19	-0.27	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0596	6.985	0.0100	7.053	0.5686	0.1306	19	-0.12	0%	0
001.99	Loss on Drying, Miscellaneous (%)	0560	7.025	0.3300	7.053	0.5686	0.1306	19	-0.05	0%	0
001.99	Loss on Drying, Miscellaneous (%)	0676	7.065	0.0700	7.053	0.5686	0.1306	19	0.02	0%	0
001.99	Loss on Drying, Miscellaneous (%)	0910	7.250	0.1000	7.053	0.5686	0.1306	19	0.35	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0610	7.255	0.1900	7.053	0.5686	0.1306	19	0.35	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0510	7.300	0.0000	7.053	0.5686	0.1306	19	0.43	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0948	7.335	0.0100	7.053	0.5686	0.1306	19	0.50	2%	0
001.99	Loss on Drying, Miscellaneous (%)	2246	7.460	0.1600	7.053	0.5686	0.1306	19	0.72	3%	0
001.99	Loss on Drying, Miscellaneous (%)	0037	7.505	0.0100	7.053	0.5686	0.1306	19	0.79	3%	0
001.99	Loss on Drying, Miscellaneous (%)	0914	7.600	0.0600	7.053	0.5686	0.1306	19	0.96	4%	0
001.99	Loss on Drying, Miscellaneous (%)	0357	7.692	0.0000	7.053	0.5686	0.1306	19	1.12	5%	0
001.99	Loss on Drying, Miscellaneous (%)	0852	7.890	0.1400	7.053	0.5686	0.1306	19	1.47	6%	0
002.00	Protein, Crude, Crude (%)	0169	24.36	0.0800	24.91	0.6528	0.1775	4			0
002.00	Protein, Crude, Crude (%)	0845	24.64	0.2700	24.91	0.6528	0.1775	4			0
002.00	Protein, Crude, Crude (%)	2345	24.78	0.0600	24.91	0.6528	0.1775	4			0
002.00	Protein, Crude, Crude (%)	2433	25.85	0.3000	24.91	0.6528	0.1775	4			0
002.01	Protein, Crude, Auto Kjell-Foss (%)	0043	23.99	0.0000	24.42	0.2492	0.1406	20	-1.75	1%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	0889	24.07	0.0700	24.42	0.2492	0.1406	20	-1.44	1%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	2259	24.15	0.0640	24.42	0.2492	0.1406	20	-1.09	1%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	0870	24.18	0.0520	24.42	0.2492	0.1406	20	-0.97	0%	0

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			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
002.01	Protein, Crude, Auto Kjell-Foss (%)	2196	24.24	0.0000	24.42	0.2492	0.1406	20	-0.74	0%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	0910	24.30	0.2000	24.42	0.2492	0.1406	20	-0.50	0%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	0674	24.34	0.0000	24.42	0.2492	0.1406	20	-0.34	0%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	2188	24.37	0.0000	24.42	0.2492	0.1406	20	-0.22	0%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	2434	24.37	0.0000	24.42	0.2492	0.1406	20	-0.22	0%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	0652	24.40	0.4000	24.42	0.2492	0.1406	20	-0.10	0%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	2445	24.41	0.1500	24.42	0.2492	0.1406	20	-0.08	0%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	2193	24.49	0.0400	24.42	0.2492	0.1406	20	0.26	0%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	0968	24.54	0.2600	24.42	0.2492	0.1406	20	0.46	0%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	2373	24.56	0.1200	24.42	0.2492	0.1406	20	0.54	0%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	2195	24.59	0.0600	24.42	0.2492	0.1406	20	0.66	0%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	2325	24.60	0.0100	24.42	0.2492	0.1406	20	0.68	0%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	0848	24.60	0.1790	24.42	0.2492	0.1406	20	0.70	0%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	0610	24.65	0.1000	24.42	0.2492	0.1406	20	0.90	0%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	0619	24.85	0.3000	24.42	0.2492	0.1406	20	1.71	1%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	0685	25.03	0.2000	24.42	0.2492	0.1406	20	2.43	1%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	0164	27.41	4.940	24.42	0.2492	0.1406	20	11.98	6%	2
002.02	Protein, Crude, Semiauto Autoanalyzer (%)	0066	24.55	0.3500				1			0
002.04	Protein, Crude, Copper Catalyst (%)	2122	24.44	0.3400				2			0
002.04	Protein, Crude, Copper Catalyst (%)	0504	24.57	0.0900				2			0
002.05	Protein, Crude, Copper, Boric Acid (%)	0581	23.65	0.1000	24.51	0.2925	0.1299	26	-2.96	2%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0563	23.76	0.0651	24.51	0.2925	0.1299	26	-2.57	2%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0536	24.12	0.0200	24.51	0.2925	0.1299	26	-1.35	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0622	24.25	0.2213	24.51	0.2925	0.1299	26	-0.91	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2192	24.28	0.0100	24.51	0.2925	0.1299	26	-0.82	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0689	24.30	0.2000	24.51	0.2925	0.1299	26	-0.73	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2393	24.35	0.2300	24.51	0.2925	0.1299	26	-0.58	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0651	24.35	0.4307	24.51	0.2925	0.1299	26	-0.58	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0596	24.37	0.3000	24.51	0.2925	0.1299	26	-0.50	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2200	24.38	0.1500	24.51	0.2925	0.1299	26	-0.48	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2022	24.45	0.0000	24.51	0.2925	0.1299	26	-0.22	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2199	24.45	0.3000	24.51	0.2925	0.1299	26	-0.22	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0354	24.49	0.0100	24.51	0.2925	0.1299	26	-0.10	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0643	24.56	0.0700	24.51	0.2925	0.1299	26	0.14	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0939	24.57	0.0200	24.51	0.2925	0.1299	26	0.19	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0948	24.58	0.0400	24.51	0.2925	0.1299	26	0.22	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2340	24.62	0.0080	24.51	0.2925	0.1299	26	0.37	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2246	24.64	0.1300	24.51	0.2925	0.1299	26	0.41	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2181	24.66	0.1300	24.51	0.2925	0.1299	26	0.48	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2392	24.70	0.3000	24.51	0.2925	0.1299	26	0.63	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0941	24.71	0.0600	24.51	0.2925	0.1299	26	0.67	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2009	24.83	0.0040	24.51	0.2925	0.1299	26	1.09	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
002.05	Protein, Crude, Copper, Boric Acid (%)	0619	24.85	0.3000	24.51	0.2925	0.1299	26	1.15	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2337	24.86	0.0300	24.51	0.2925	0.1299	26	1.16	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2190	25.11	0.0500	24.51	0.2925	0.1299	26	2.02	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2453	25.14	0.1800	24.51	0.2925	0.1299	26	2.14	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	1023	22.83	0.2200	24.77	0.2045	0.1633	146	-9.49	4%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0853	23.65	0.5000	24.77	0.2045	0.1633	146	-5.49	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2089	23.78	0.0400	24.77	0.2045	0.1633	146	-4.85	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0043	23.95	0.0430	24.77	0.2045	0.1633	146	-4.04	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0539	24.21	0.2300	24.77	0.2045	0.1633	146	-2.77	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0074	24.23	0.3100	24.77	0.2045	0.1633	146	-2.67	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0345	24.25	0.5000	24.77	0.2045	0.1633	146	-2.55	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0510	24.25	0.1000	24.77	0.2045	0.1633	146	-2.55	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0202	24.30	0.0000	24.77	0.2045	0.1633	146	-2.31	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2250	24.40	0.4000	24.77	0.2045	0.1633	146	-1.82	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0263	24.47	0.0480	24.77	0.2045	0.1633	146	-1.46	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0511	24.49	0.0500	24.77	0.2045	0.1633	146	-1.40	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2023	24.50	0.3800	24.77	0.2045	0.1633	146	-1.33	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0676	24.53	0.0600	24.77	0.2045	0.1633	146	-1.18	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2417	24.54	0.3280	24.77	0.2045	0.1633	146	-1.14	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2424	24.54	0.3020	24.77	0.2045	0.1633	146	-1.14	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0650	24.54	0.6800	24.77	0.2045	0.1633	146	-1.13	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0914	24.55	0.3100	24.77	0.2045	0.1633	146	-1.11	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0610	24.55	0.3000	24.77	0.2045	0.1633	146	-1.08	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2303	24.56	0.1300	24.77	0.2045	0.1633	146	-1.06	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2174	24.56	0.0200	24.77	0.2045	0.1633	146	-1.04	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2426	24.56	0.2600	24.77	0.2045	0.1633	146	-1.04	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2452	24.56	0.2460	24.77	0.2045	0.1633	146	-1.03	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0036	24.56	0.0110	24.77	0.2045	0.1633	146	-1.02	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0505	24.57	0.1000	24.77	0.2045	0.1633	146	-0.99	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0035	24.58	0.1500	24.77	0.2045	0.1633	146	-0.96	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0037	24.58	0.0000	24.77	0.2045	0.1633	146	-0.94	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2168	24.59	0.2500	24.77	0.2045	0.1633	146	-0.91	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2421	24.59	0.2900	24.77	0.2045	0.1633	146	-0.91	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0049	24.60	0.6000	24.77	0.2045	0.1633	146	-0.84	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2319	24.60	0.2000	24.77	0.2045	0.1633	146	-0.84	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0010	24.62	0.0200	24.77	0.2045	0.1633	146	-0.74	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0541	24.62	0.3400	24.77	0.2045	0.1633	146	-0.74	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	1020	24.63	0.0870	24.77	0.2045	0.1633	146	-0.72	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0139	24.64	0.0960	24.77	0.2045	0.1633	146	-0.63	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2155	24.65	0.3590	24.77	0.2045	0.1633	146	-0.60	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0870	24.65	0.0624	24.77	0.2045	0.1633	146	-0.60	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0144	24.66	0.0100	24.77	0.2045	0.1633	146	-0.57	0%	0

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002.06	Protein, Crude, Combustion Nitrogen Analyzer	0508	24.66	0.2340	24.77	0.2045	0.1633	146	-0.57	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2050	24.66	0.7600	24.77	0.2045	0.1633	146	-0.55	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0019	24.67	0.0300	24.77	0.2045	0.1633	146	-0.52	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2416	24.67	0.1140	24.77	0.2045	0.1633	146	-0.52	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2398	24.68	0.0500	24.77	0.2045	0.1633	146	-0.47	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0089	24.68	0.0000	24.77	0.2045	0.1633	146	-0.45	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0100	24.69	0.0500	24.77	0.2045	0.1633	146	-0.42	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2150	24.69	0.1400	24.77	0.2045	0.1633	146	-0.40	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0038	24.70	0.4000	24.77	0.2045	0.1633	146	-0.35	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2124	24.70	0.1800	24.77	0.2045	0.1633	146	-0.35	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2252	24.70	0.0800	24.77	0.2045	0.1633	146	-0.35	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2349	24.70	0.4000	24.77	0.2045	0.1633	146	-0.35	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0042	24.70	0.2000	24.77	0.2045	0.1633	146	-0.35	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0026	24.70	0.0630	24.77	0.2045	0.1633	146	-0.33	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0571	24.71	0.1900	24.77	0.2045	0.1633	146	-0.33	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0843	24.71	0.1900	24.77	0.2045	0.1633	146	-0.33	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2392	24.71	0.1500	24.77	0.2045	0.1633	146	-0.33	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2422	24.71	0.1970	24.77	0.2045	0.1633	146	-0.29	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0626	24.71	0.0460	24.77	0.2045	0.1633	146	-0.28	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0598	24.72	0.2700	24.77	0.2045	0.1633	146	-0.28	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2362	24.72	0.0700	24.77	0.2045	0.1633	146	-0.28	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0353	24.72	0.0200	24.77	0.2045	0.1633	146	-0.25	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2246	24.72	0.3200	24.77	0.2045	0.1633	146	-0.25	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2419	24.73	0.1050	24.77	0.2045	0.1633	146	-0.22	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2220	24.74	0.1100	24.77	0.2045	0.1633	146	-0.18	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2076	24.74	0.1880	24.77	0.2045	0.1633	146	-0.17	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2420	24.74	0.1830	24.77	0.2045	0.1633	146	-0.16	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2293	24.75	0.1560	24.77	0.2045	0.1633	146	-0.11	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0017	24.75	0.1000	24.77	0.2045	0.1633	146	-0.11	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0098	24.75	0.1000	24.77	0.2045	0.1633	146	-0.11	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0357	24.75	0.1250	24.77	0.2045	0.1633	146	-0.11	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0910	24.75	0.1000	24.77	0.2045	0.1633	146	-0.11	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2330	24.75	0.1000	24.77	0.2045	0.1633	146	-0.11	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2359	24.75	0.3000	24.77	0.2045	0.1633	146	-0.11	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0009	24.76	0.0300	24.77	0.2045	0.1633	146	-0.08	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2408	24.76	0.0700	24.77	0.2045	0.1633	146	-0.08	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0226	24.76	0.0500	24.77	0.2045	0.1633	146	-0.08	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2399	24.78	0.0800	24.77	0.2045	0.1633	146	0.04	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0123	24.78	0.0400	24.77	0.2045	0.1633	146	0.04	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2429	24.79	0.1400	24.77	0.2045	0.1633	146	0.09	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2439	24.79	0.0200	24.77	0.2045	0.1633	146	0.09	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0047	24.80	0.2000	24.77	0.2045	0.1633	146	0.14	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT	Threshold	Flag
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002.06	Protein, Crude, Combustion Nitrogen Analyzer	0574	24.80	0.0200	24.77	0.2045	0.1633	146	0.14	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0848	24.80	0.2000	24.77	0.2045	0.1633	146	0.14	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0939	24.80	0.0600	24.77	0.2045	0.1633	146	0.14	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2361	24.80	0.1800	24.77	0.2045	0.1633	146	0.14	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0504	24.81	0.0300	24.77	0.2045	0.1633	146	0.16	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2436	24.81	0.1800	24.77	0.2045	0.1633	146	0.19	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0693	24.81	0.1250	24.77	0.2045	0.1633	146	0.20	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0358	24.82	0.1500	24.77	0.2045	0.1633	146	0.21	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2435	24.82	0.0500	24.77	0.2045	0.1633	146	0.21	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0872	24.82	0.1120	24.77	0.2045	0.1633	146	0.23	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2156	24.82	0.0800	24.77	0.2045	0.1633	146	0.24	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2437	24.82	0.0000	24.77	0.2045	0.1633	146	0.24	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0171	24.83	0.0000	24.77	0.2045	0.1633	146	0.28	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2438	24.84	0.0300	24.77	0.2045	0.1633	146	0.31	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0354	24.84	0.0200	24.77	0.2045	0.1633	146	0.33	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0644	24.84	0.0000	24.77	0.2045	0.1633	146	0.33	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0968	24.85	0.0300	24.77	0.2045	0.1633	146	0.36	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2129	24.85	0.2790	24.77	0.2045	0.1633	146	0.38	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0004	24.85	0.5000	24.77	0.2045	0.1633	146	0.38	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0142	24.85	0.0600	24.77	0.2045	0.1633	146	0.38	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0208	24.85	0.1000	24.77	0.2045	0.1633	146	0.38	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0294	24.85	0.1000	24.77	0.2045	0.1633	146	0.38	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2312	24.85	0.2200	24.77	0.2045	0.1633	146	0.38	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2016	24.86	0.0500	24.77	0.2045	0.1633	146	0.41	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	1019	24.86	0.0000	24.77	0.2045	0.1633	146	0.43	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0018	24.87	0.1900	24.77	0.2045	0.1633	146	0.46	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0407	24.87	0.4170	24.77	0.2045	0.1633	146	0.46	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0242	24.87	0.2200	24.77	0.2045	0.1633	146	0.48	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0948	24.88	0.0900	24.77	0.2045	0.1633	146	0.50	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0164	24.88	0.0000	24.77	0.2045	0.1633	146	0.53	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0529	24.88	0.4400	24.77	0.2045	0.1633	146	0.53	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0148	24.89	0.2590	24.77	0.2045	0.1633	146	0.57	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0045	24.90	0.2000	24.77	0.2045	0.1633	146	0.63	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0596	24.90	0.1200	24.77	0.2045	0.1633	146	0.63	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0619	24.90	0.0000	24.77	0.2045	0.1633	146	0.63	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0956	24.90	0.2000	24.77	0.2045	0.1633	146	0.63	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2033	24.90	0.0000	24.77	0.2045	0.1633	146	0.63	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2059	24.92	0.0375	24.77	0.2045	0.1633	146	0.75	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2375	24.93	0.1100	24.77	0.2045	0.1633	146	0.75	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2184	24.93	0.2800	24.77	0.2045	0.1633	146	0.77	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2302	24.97	0.0100	24.77	0.2045	0.1633	146	0.94	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0553	25.00	0.2130	24.77	0.2045	0.1633	146	1.11	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	0687	25.00	0.5000	24.77	0.2045	0.1633	146	1.12	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0884	25.00	0.0000	24.77	0.2045	0.1633	146	1.12	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0309	25.00	0.1375	24.77	0.2045	0.1633	146	1.12	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0229	25.02	0.1600	24.77	0.2045	0.1633	146	1.21	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0417	25.04	0.4300	24.77	0.2045	0.1633	146	1.29	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0366	25.05	0.5000	24.77	0.2045	0.1633	146	1.36	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0001	25.07	0.0300	24.77	0.2045	0.1633	146	1.43	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0083	25.07	0.0400	24.77	0.2045	0.1633	146	1.46	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0034	25.09	0.1100	24.77	0.2045	0.1633	146	1.53	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0190	25.15	0.0500	24.77	0.2045	0.1633	146	1.83	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0880	25.15	0.1000	24.77	0.2045	0.1633	146	1.85	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0941	25.18	0.0000	24.77	0.2045	0.1633	146	2.00	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	1022	25.18	0.0190	24.77	0.2045	0.1633	146	2.02	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0692	25.20	0.4000	24.77	0.2045	0.1633	146	2.09	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0554	25.23	0.0900	24.77	0.2045	0.1633	146	2.22	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2213	25.24	0.0000	24.77	0.2045	0.1633	146	2.29	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0682	25.25	0.0000	24.77	0.2045	0.1633	146	2.34	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	1021	25.26	0.0090	24.77	0.2045	0.1633	146	2.39	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0186	25.29	0.3400	24.77	0.2045	0.1633	146	2.53	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2409	25.33	0.1500	24.77	0.2045	0.1633	146	2.71	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0726	25.44	0.0000	24.77	0.2045	0.1633	146	3.27	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0618	25.53	0.3610	24.77	0.2045	0.1633	146	3.71	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0278	25.55	0.1000	24.77	0.2045	0.1633	146	3.81	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2181	25.65	0.1600	24.77	0.2045	0.1633	146	4.29	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2326	23.69	1.870	24.77	0.2045	0.1633	146	-5.31	2%	1
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0953	24.24	1.140	24.77	0.2045	0.1633	146	-2.60	1%	1
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0108	24.37	0.9600	24.77	0.2045	0.1633	146	-1.96	1%	1
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0297	36.73	0.1800	24.77	0.2045	0.1633	146	58.47	24%	2
002.08	Protein, Crude, Cu/Ti (%)	0563	24.22	0.0180				2			0
002.08	Protein, Crude, Cu/Ti (%)	0098	24.63	0.0400				2			0
002.10	Protein, Crude, Block dig/distillation (%)	2023	24.24	0.2100				1			0
002.11	Protein, Crude, NIR (%)	2302	24.89	0.0300				3			0
002.11	Protein, Crude, NIR (%)	0852	24.91	0.1800				3			0
002.11	Protein, Crude, NIR (%)	0889	25.85	0.0700				3			0
002.11	Protein, Crude, NIR (%)	0297	37.05	0.1000				3			2
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2190	9.585	0.1300	11.59	1.095	0.1432	11	-1.83	9%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0309	10.93	0.1040	11.59	1.095	0.1432	11	-0.60	3%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0043	10.98	0.1610	11.59	1.095	0.1432	11	-0.56	3%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0142	10.99	0.0800	11.59	1.095	0.1432	11	-0.55	3%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2192	11.23	0.1000	11.59	1.095	0.1432	11	-0.33	2%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2325	11.40	0.0100	11.59	1.095	0.1432	11	-0.18	1%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2337	11.67	0.0500	11.59	1.095	0.1432	11	0.07	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0345	11.70	0.4000	11.59	1.095	0.1432	11	0.10	0%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2293	12.57	0.0900	11.59	1.095	0.1432	11	0.89	4%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	1023	12.87	0.4600	11.59	1.095	0.1432	11	1.17	6%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	1020	13.24	0.2200	11.59	1.095	0.1432	11	1.50	7%	0
003.01	Fat, Crude, Diethyl Ether Ext (13th ed.), Indirec	0504	11.04	0.1700				2			0
003.01	Fat, Crude, Diethyl Ether Ext (13th ed.), Indirec	0563	11.12	0.4317				2			0
003.06	Fat, Crude, Pet Ether (%)	0297	3.750	0.1600	11.25	0.5150	0.1549	17	-14.57	33%	0
003.06	Fat, Crude, Pet Ether (%)	2181	10.61	0.0600	11.25	0.5150	0.1549	17	-1.25	3%	0
003.06	Fat, Crude, Pet Ether (%)	0651	10.61	0.3424	11.25	0.5150	0.1549	17	-1.24	3%	0
003.06	Fat, Crude, Pet Ether (%)	0169	10.86	0.1100	11.25	0.5150	0.1549	17	-0.77	2%	0
003.06	Fat, Crude, Pet Ether (%)	0294	11.00	0.0700	11.25	0.5150	0.1549	17	-0.50	1%	0
003.06	Fat, Crude, Pet Ether (%)	0674	11.10	0.0000	11.25	0.5150	0.1549	17	-0.30	1%	0
003.06	Fat, Crude, Pet Ether (%)	0968	11.15	0.0100	11.25	0.5150	0.1549	17	-0.21	0%	0
003.06	Fat, Crude, Pet Ether (%)	2340	11.22	0.0070	11.25	0.5150	0.1549	17	-0.06	0%	0
003.06	Fat, Crude, Pet Ether (%)	0687	11.30	0.1000	11.25	0.5150	0.1549	17	0.09	0%	0
003.06	Fat, Crude, Pet Ether (%)	0682	11.33	0.0000	11.25	0.5150	0.1549	17	0.15	0%	0
003.06	Fat, Crude, Pet Ether (%)	2392	11.40	0.2000	11.25	0.5150	0.1549	17	0.29	1%	0
003.06	Fat, Crude, Pet Ether (%)	0164	11.42	0.1700	11.25	0.5150	0.1549	17	0.32	1%	0
003.06	Fat, Crude, Pet Ether (%)	0884	11.50	0.4000	11.25	0.5150	0.1549	17	0.48	1%	0
003.06	Fat, Crude, Pet Ether (%)	0689	11.55	0.5000	11.25	0.5150	0.1549	17	0.58	1%	0
003.06	Fat, Crude, Pet Ether (%)	0644	11.72	0.0210	11.25	0.5150	0.1549	17	0.92	2%	0
003.06	Fat, Crude, Pet Ether (%)	0229	12.03	0.1500	11.25	0.5150	0.1549	17	1.50	3%	0
003.06	Fat, Crude, Pet Ether (%)	0910	13.12	0.2000	11.25	0.5150	0.1549	17	3.63	8%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0353	10.38	0.2600	11.02	0.4447	0.1140	7	-1.43	3%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0948	10.65	0.0900	11.02	0.4447	0.1140	7	-0.83	2%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0354	10.96	0.0030	11.02	0.4447	0.1140	7	-0.13	0%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0027	11.07	0.0410	11.02	0.4447	0.1140	7	0.12	0%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	2453	11.26	0.2240	11.02	0.4447	0.1140	7	0.55	1%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0098	11.30	0.1200	11.02	0.4447	0.1140	7	0.64	1%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0685	11.50	0.0600	11.02	0.4447	0.1140	7	1.09	2%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2022	10.50	0.0500	11.21	0.2961	0.1843	30	-2.41	3%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2195	10.83	0.1400	11.21	0.2961	0.1843	30	-1.28	2%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0042	10.85	0.3000	11.21	0.2961	0.1843	30	-1.21	2%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0242	10.91	0.0500	11.21	0.2961	0.1843	30	-1.02	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0676	10.91	0.8000	11.21	0.2961	0.1843	30	-1.01	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0622	10.92	0.0480	11.21	0.2961	0.1843	30	-0.98	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0263	10.95	0.1410	11.21	0.2961	0.1843	30	-0.88	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0693	10.98	0.0210	11.21	0.2961	0.1843	30	-0.76	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0045	11.00	0.2000	11.21	0.2961	0.1843	30	-0.70	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0619	11.05	0.1000	11.21	0.2961	0.1843	30	-0.53	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0098	11.11	0.0300	11.21	0.2961	0.1843	30	-0.35	0%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0148	11.13	0.0800	11.21	0.2961	0.1843	30	-0.26	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
003.10	Fat, Crude, Randall, Pet Ether (%)	0541	11.14	0.5800	11.21	0.2961	0.1843	30	-0.23	0%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2434	11.17	0.0000	11.21	0.2961	0.1843	30	-0.13	0%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0036	11.19	0.0313	11.21	0.2961	0.1843	30	-0.07	0%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0100	11.20	0.1300	11.21	0.2961	0.1843	30	-0.04	0%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0123	11.24	0.1600	11.21	0.2961	0.1843	30	0.11	0%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2193	11.28	0.3100	11.21	0.2961	0.1843	30	0.23	0%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0889	11.29	0.3200	11.21	0.2961	0.1843	30	0.28	0%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0366	11.30	0.6000	11.21	0.2961	0.1843	30	0.31	0%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2009	11.32	0.0101	11.21	0.2961	0.1843	30	0.38	0%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2319	11.35	0.1000	11.21	0.2961	0.1843	30	0.48	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2155	11.41	0.2350	11.21	0.2961	0.1843	30	0.69	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0870	11.49	0.5857	11.21	0.2961	0.1843	30	0.94	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2188	11.49	0.0000	11.21	0.2961	0.1843	30	0.95	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0689	11.50	0.0000	11.21	0.2961	0.1843	30	0.99	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0618	11.57	0.0516	11.21	0.2961	0.1843	30	1.23	2%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2196	11.62	0.0000	11.21	0.2961	0.1843	30	1.39	2%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2184	11.76	0.1100	11.21	0.2961	0.1843	30	1.85	2%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0610	11.80	0.4000	11.21	0.2961	0.1843	30	2.00	3%	0
003.11	Fat, Crude, NIR (%)	0297	6.035	0.0700				3			0
003.11	Fat, Crude, NIR (%)	2302	12.35	0.0600				3			0
003.11	Fat, Crude, NIR (%)	0889	12.40	0.0400				3			0
003.11	Fat, Crude, NIR (%)	0852	13.67	0.4800				3			1
003.12	Fat, Crude, Hexane Ext (%)	2200	10.85	0.1000	11.21	0.2745	0.3000	4			0
003.12	Fat, Crude, Hexane Ext (%)	0171	11.22	0.1800	11.21	0.2745	0.3000	4			0
003.12	Fat, Crude, Hexane Ext (%)	2326	11.23	0.4000	11.21	0.2745	0.3000	4			0
003.12	Fat, Crude, Hexane Ext (%)	2199	11.52	0.5200	11.21	0.2745	0.3000	4			0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	0098	11.05	0.0000	11.40	0.3458	0.0876	4			0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	2246	11.23	0.0800	11.40	0.3458	0.0876	4			0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	0646	11.46	0.0800	11.40	0.3458	0.0876	4			0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	0870	11.85	0.1027	11.40	0.3458	0.0876	4			0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	0208	11.10	0.6000	11.40	0.3458	0.0876	4			1
003.14	Fat, Crude, Ankom (%)	0596	9.660	0.0400	11.18	0.3849	0.1599	44	-3.94	7%	0
003.14	Fat, Crude, Ankom (%)	0574	9.845	0.0300	11.18	0.3849	0.1599	44	-3.46	6%	0
003.14	Fat, Crude, Ankom (%)	0278	10.00	0.0000	11.18	0.3849	0.1599	44	-3.06	5%	0
003.14	Fat, Crude, Ankom (%)	0692	10.20	0.2000	11.18	0.3849	0.1599	44	-2.54	4%	0
003.14	Fat, Crude, Ankom (%)	2129	10.63	0.1900	11.18	0.3849	0.1599	44	-1.43	2%	0
003.14	Fat, Crude, Ankom (%)	2409	10.64	0.9100	11.18	0.3849	0.1599	44	-1.41	2%	0
003.14	Fat, Crude, Ankom (%)	0581	10.73	0.6600	11.18	0.3849	0.1599	44	-1.16	2%	0
003.14	Fat, Crude, Ankom (%)	0186	10.90	0.3000	11.18	0.3849	0.1599	44	-0.72	1%	0
003.14	Fat, Crude, Ankom (%)	0956	10.90	0.2000	11.18	0.3849	0.1599	44	-0.72	1%	0
003.14	Fat, Crude, Ankom (%)	0202	10.95	0.3000	11.18	0.3849	0.1599	44	-0.59	1%	0
003.14	Fat, Crude, Ankom (%)	0066	10.96	0.1600	11.18	0.3849	0.1599	44	-0.57	1%	0

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			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
003.14	Fat, Crude, Ankom (%)	0144	11.00	0.4000	11.18	0.3849	0.1599	44	-0.46	1%	0
003.14	Fat, Crude, Ankom (%)	0529	11.01	0.1500	11.18	0.3849	0.1599	44	-0.45	1%	0
003.14	Fat, Crude, Ankom (%)	0089	11.01	0.0000	11.18	0.3849	0.1599	44	-0.44	1%	0
003.14	Fat, Crude, Ankom (%)	0358	11.01	0.0000	11.18	0.3849	0.1599	44	-0.44	1%	0
003.14	Fat, Crude, Ankom (%)	0001	11.05	0.3270	11.18	0.3849	0.1599	44	-0.34	1%	0
003.14	Fat, Crude, Ankom (%)	0019	11.12	0.1200	11.18	0.3849	0.1599	44	-0.15	0%	0
003.14	Fat, Crude, Ankom (%)	0026	11.12	0.0600	11.18	0.3849	0.1599	44	-0.15	0%	0
003.14	Fat, Crude, Ankom (%)	0148	11.14	0.0700	11.18	0.3849	0.1599	44	-0.11	0%	0
003.14	Fat, Crude, Ankom (%)	0108	11.17	0.2500	11.18	0.3849	0.1599	44	-0.03	0%	0
003.14	Fat, Crude, Ankom (%)	0563	11.17	0.1088	11.18	0.3849	0.1599	44	-0.01	0%	0
003.14	Fat, Crude, Ankom (%)	0939	11.23	0.3100	11.18	0.3849	0.1599	44	0.12	0%	0
003.14	Fat, Crude, Ankom (%)	0407	11.23	0.0028	11.18	0.3849	0.1599	44	0.13	0%	0
003.14	Fat, Crude, Ankom (%)	0229	11.27	0.1700	11.18	0.3849	0.1599	44	0.23	0%	0
003.14	Fat, Crude, Ankom (%)	0726	11.27	0.0900	11.18	0.3849	0.1599	44	0.23	0%	0
003.14	Fat, Crude, Ankom (%)	0037	11.27	0.0600	11.18	0.3849	0.1599	44	0.24	0%	0
003.14	Fat, Crude, Ankom (%)	2023	11.28	0.1400	11.18	0.3849	0.1599	44	0.26	0%	0
003.14	Fat, Crude, Ankom (%)	0598	11.30	0.2300	11.18	0.3849	0.1599	44	0.30	1%	0
003.14	Fat, Crude, Ankom (%)	0853	11.30	0.0000	11.18	0.3849	0.1599	44	0.32	1%	0
003.14	Fat, Crude, Ankom (%)	0171	11.31	0.0400	11.18	0.3849	0.1599	44	0.34	1%	0
003.14	Fat, Crude, Ankom (%)	0948	11.32	0.2400	11.18	0.3849	0.1599	44	0.37	1%	0
003.14	Fat, Crude, Ankom (%)	0968	11.33	0.2400	11.18	0.3849	0.1599	44	0.39	1%	0
003.14	Fat, Crude, Ankom (%)	0848	11.34	0.1300	11.18	0.3849	0.1599	44	0.41	1%	0
003.14	Fat, Crude, Ankom (%)	0190	11.34	0.1600	11.18	0.3849	0.1599	44	0.42	1%	0
003.14	Fat, Crude, Ankom (%)	0619	11.35	0.1000	11.18	0.3849	0.1599	44	0.45	1%	0
003.14	Fat, Crude, Ankom (%)	0682	11.38	0.0000	11.18	0.3849	0.1599	44	0.52	1%	0
003.14	Fat, Crude, Ankom (%)	0226	11.39	0.0400	11.18	0.3849	0.1599	44	0.55	1%	0
003.14	Fat, Crude, Ankom (%)	2076	11.53	0.6054	11.18	0.3849	0.1599	44	0.93	2%	0
003.14	Fat, Crude, Ankom (%)	0049	11.78	0.1100	11.18	0.3849	0.1599	44	1.55	3%	0
003.14	Fat, Crude, Ankom (%)	0357	11.89	0.0700	11.18	0.3849	0.1599	44	1.84	3%	0
003.14	Fat, Crude, Ankom (%)	0083	11.96	0.0900	11.18	0.3849	0.1599	44	2.02	3%	0
003.14	Fat, Crude, Ankom (%)	0554	12.65	0.0300	11.18	0.3849	0.1599	44	3.81	7%	0
003.14	Fat, Crude, Ankom (%)	0510	13.06	0.0200	11.18	0.3849	0.1599	44	4.89	8%	0
003.14	Fat, Crude, Ankom (%)	2445	13.27	0.0900	11.18	0.3849	0.1599	44	5.42	9%	0
003.14	Fat, Crude, Ankom (%)	2433	11.04	1.400	11.18	0.3849	0.1599	44	-0.36	1%	1
003.99	Fat, Crude, Miscellaneous (%)	0536	11.50	0.1700				3			0
003.99	Fat, Crude, Miscellaneous (%)	0880	11.95	0.3000				3			0
003.99	Fat, Crude, Miscellaneous (%)	1019	14.13	0.4000				3			0
004.00	Fiber, Crude, Asbestos Free (%)	0186	3.330	0.1800	4.001	0.5037	0.1393	13	-1.33	8%	0
004.00	Fiber, Crude, Asbestos Free (%)	0309	3.560	0.0093	4.001	0.5037	0.1393	13	-0.88	6%	0
004.00	Fiber, Crude, Asbestos Free (%)	0164	3.600	0.0000	4.001	0.5037	0.1393	13	-0.80	5%	0
004.00	Fiber, Crude, Asbestos Free (%)	2312	3.600	0.0000	4.001	0.5037	0.1393	13	-0.80	5%	0
004.00	Fiber, Crude, Asbestos Free (%)	2023	3.660	0.0800	4.001	0.5037	0.1393	13	-0.68	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	
004.00	Fiber, Crude, Asbestos Free (%)	0169	3.875	0.1700	4.001	0.5037	0.1393	13	-0.25	2%	0
004.00	Fiber, Crude, Asbestos Free (%)	2359	3.950	0.3000	4.001	0.5037	0.1393	13	-0.10	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	0208	4.110	0.2000	4.001	0.5037	0.1393	13	0.22	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	0345	4.150	0.1000	4.001	0.5037	0.1393	13	0.30	2%	0
004.00	Fiber, Crude, Asbestos Free (%)	0017	4.400	0.2000	4.001	0.5037	0.1393	13	0.79	5%	0
004.00	Fiber, Crude, Asbestos Free (%)	2264	4.506	0.0161	4.001	0.5037	0.1393	13	1.00	6%	0
004.00	Fiber, Crude, Asbestos Free (%)	0171	4.575	0.0900	4.001	0.5037	0.1393	13	1.14	7%	0
004.00	Fiber, Crude, Asbestos Free (%)	0884	4.700	0.2000	4.001	0.5037	0.1393	13	1.39	9%	0
004.00	Fiber, Crude, Asbestos Free (%)	2326	4.050	0.6600	4.001	0.5037	0.1393	13	0.10	1%	1
004.03	Fiber, Crude, Fritted Glass (%)	2089	3.285	0.1500				3			0
004.03	Fiber, Crude, Fritted Glass (%)	0353	3.400	0.4800				3			0
004.03	Fiber, Crude, Fritted Glass (%)	2192	4.865	0.1300				3			0
004.03	Fiber, Crude, Fritted Glass (%)	2246	200.0	392.1				3			2
004.06	Fiber, Crude, Fibertec (%)	2200	2.900	0.0000	3.975	0.4032	0.1040	18	-2.67	14%	0
004.06	Fiber, Crude, Fibertec (%)	2325	3.440	0.0200	3.975	0.4032	0.1040	18	-1.33	7%	0
004.06	Fiber, Crude, Fibertec (%)	2319	3.700	0.2000	3.975	0.4032	0.1040	18	-0.68	3%	0
004.06	Fiber, Crude, Fibertec (%)	0685	3.720	0.1200	3.975	0.4032	0.1040	18	-0.63	3%	0
004.06	Fiber, Crude, Fibertec (%)	2199	3.750	0.1000	3.975	0.4032	0.1040	18	-0.56	3%	0
004.06	Fiber, Crude, Fibertec (%)	0948	3.770	0.1600	3.975	0.4032	0.1040	18	-0.51	3%	0
004.06	Fiber, Crude, Fibertec (%)	0038	3.795	0.1300	3.975	0.4032	0.1040	18	-0.45	2%	0
004.06	Fiber, Crude, Fibertec (%)	0968	3.830	0.1200	3.975	0.4032	0.1040	18	-0.36	2%	0
004.06	Fiber, Crude, Fibertec (%)	0674	3.900	0.0000	3.975	0.4032	0.1040	18	-0.19	1%	0
004.06	Fiber, Crude, Fibertec (%)	0689	3.900	0.0000	3.975	0.4032	0.1040	18	-0.19	1%	0
004.06	Fiber, Crude, Fibertec (%)	0098	4.005	0.0100	3.975	0.4032	0.1040	18	0.07	0%	0
004.06	Fiber, Crude, Fibertec (%)	2022	4.110	0.0200	3.975	0.4032	0.1040	18	0.33	2%	0
004.06	Fiber, Crude, Fibertec (%)	0941	4.115	0.0700	3.975	0.4032	0.1040	18	0.35	2%	0
004.06	Fiber, Crude, Fibertec (%)	2393	4.155	0.4300	3.975	0.4032	0.1040	18	0.45	2%	0
004.06	Fiber, Crude, Fibertec (%)	2349	4.350	0.1000	3.975	0.4032	0.1040	18	0.93	5%	0
004.06	Fiber, Crude, Fibertec (%)	2188	4.520	0.0000	3.975	0.4032	0.1040	18	1.35	7%	0
004.06	Fiber, Crude, Fibertec (%)	0676	4.545	0.1500	3.975	0.4032	0.1040	18	1.41	7%	0
004.06	Fiber, Crude, Fibertec (%)	0845	5.250	0.0400	3.975	0.4032	0.1040	18	3.16	16%	0
004.06	Fiber, Crude, Fibertec (%)	0610	3.525	0.5900	3.975	0.4032	0.1040	18	-1.12	6%	1
004.07	Fiber, Crude, ANKOM (%)	0510	2.200	0.0000	3.939	0.5516	0.2142	74	-3.15	22%	0
004.07	Fiber, Crude, ANKOM (%)	0554	2.515	0.0700	3.939	0.5516	0.2142	74	-2.58	18%	0
004.07	Fiber, Crude, ANKOM (%)	0242	2.780	0.4600	3.939	0.5516	0.2142	74	-2.10	15%	0
004.07	Fiber, Crude, ANKOM (%)	0407	2.944	0.1113	3.939	0.5516	0.2142	74	-1.80	13%	0
004.07	Fiber, Crude, ANKOM (%)	2337	3.035	0.0100	3.939	0.5516	0.2142	74	-1.64	11%	0
004.07	Fiber, Crude, ANKOM (%)	0202	3.055	0.2300	3.939	0.5516	0.2142	74	-1.60	11%	0
004.07	Fiber, Crude, ANKOM (%)	0026	3.300	0.8000	3.939	0.5516	0.2142	74	-1.16	8%	0
004.07	Fiber, Crude, ANKOM (%)	0948	3.340	0.0400	3.939	0.5516	0.2142	74	-1.09	8%	0
004.07	Fiber, Crude, ANKOM (%)	2122	3.460	0.1400	3.939	0.5516	0.2142	74	-0.87	6%	0
004.07	Fiber, Crude, ANKOM (%)	0581	3.475	0.2900	3.939	0.5516	0.2142	74	-0.84	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	
004.07	Fiber, Crude, ANKOM (%)	2345	3.480	0.3800	3.939	0.5516	0.2142	74	-0.83	6%	0
004.07	Fiber, Crude, ANKOM (%)	2009	3.492	0.0201	3.939	0.5516	0.2142	74	-0.81	6%	0
004.07	Fiber, Crude, ANKOM (%)	0619	3.500	0.1400	3.939	0.5516	0.2142	74	-0.80	6%	0
004.07	Fiber, Crude, ANKOM (%)	0354	3.505	0.1300	3.939	0.5516	0.2142	74	-0.79	6%	0
004.07	Fiber, Crude, ANKOM (%)	0726	3.510	0.2000	3.939	0.5516	0.2142	74	-0.78	5%	0
004.07	Fiber, Crude, ANKOM (%)	0939	3.515	0.1100	3.939	0.5516	0.2142	74	-0.77	5%	0
004.07	Fiber, Crude, ANKOM (%)	0956	3.550	0.5000	3.939	0.5516	0.2142	74	-0.70	5%	0
004.07	Fiber, Crude, ANKOM (%)	0098	3.555	0.7500	3.939	0.5516	0.2142	74	-0.70	5%	0
004.07	Fiber, Crude, ANKOM (%)	2302	3.605	0.2700	3.939	0.5516	0.2142	74	-0.61	4%	0
004.07	Fiber, Crude, ANKOM (%)	0100	3.630	0.1000	3.939	0.5516	0.2142	74	-0.56	4%	0
004.07	Fiber, Crude, ANKOM (%)	0294	3.635	0.0700	3.939	0.5516	0.2142	74	-0.55	4%	0
004.07	Fiber, Crude, ANKOM (%)	0190	3.650	0.1000	3.939	0.5516	0.2142	74	-0.52	4%	0
004.07	Fiber, Crude, ANKOM (%)	2033	3.650	0.1000	3.939	0.5516	0.2142	74	-0.52	4%	0
004.07	Fiber, Crude, ANKOM (%)	0644	3.652	0.0100	3.939	0.5516	0.2142	74	-0.52	4%	0
004.07	Fiber, Crude, ANKOM (%)	0229	3.660	0.6600	3.939	0.5516	0.2142	74	-0.51	4%	0
004.07	Fiber, Crude, ANKOM (%)	0505	3.660	0.2200	3.939	0.5516	0.2142	74	-0.51	4%	0
004.07	Fiber, Crude, ANKOM (%)	0004	3.695	0.3900	3.939	0.5516	0.2142	74	-0.44	3%	0
004.07	Fiber, Crude, ANKOM (%)	0692	3.700	0.0000	3.939	0.5516	0.2142	74	-0.43	3%	0
004.07	Fiber, Crude, ANKOM (%)	0009	3.745	0.0100	3.939	0.5516	0.2142	74	-0.35	2%	0
004.07	Fiber, Crude, ANKOM (%)	0910	3.750	0.3000	3.939	0.5516	0.2142	74	-0.34	2%	0
004.07	Fiber, Crude, ANKOM (%)	2259	3.755	0.3250	3.939	0.5516	0.2142	74	-0.33	2%	0
004.07	Fiber, Crude, ANKOM (%)	2445	3.770	0.0200	3.939	0.5516	0.2142	74	-0.31	2%	0
004.07	Fiber, Crude, ANKOM (%)	0504	3.775	0.1100	3.939	0.5516	0.2142	74	-0.30	2%	0
004.07	Fiber, Crude, ANKOM (%)	0870	3.781	0.1217	3.939	0.5516	0.2142	74	-0.29	2%	0
004.07	Fiber, Crude, ANKOM (%)	0563	3.789	0.1663	3.939	0.5516	0.2142	74	-0.27	2%	0
004.07	Fiber, Crude, ANKOM (%)	2190	3.790	0.3000	3.939	0.5516	0.2142	74	-0.27	2%	0
004.07	Fiber, Crude, ANKOM (%)	0968	3.805	0.2100	3.939	0.5516	0.2142	74	-0.24	2%	0
004.07	Fiber, Crude, ANKOM (%)	2196	3.840	0.0000	3.939	0.5516	0.2142	74	-0.18	1%	0
004.07	Fiber, Crude, ANKOM (%)	0066	3.885	0.1100	3.939	0.5516	0.2142	74	-0.10	1%	0
004.07	Fiber, Crude, ANKOM (%)	2193	3.900	0.1800	3.939	0.5516	0.2142	74	-0.07	0%	0
004.07	Fiber, Crude, ANKOM (%)	0848	3.910	0.0400	3.939	0.5516	0.2142	74	-0.05	0%	0
004.07	Fiber, Crude, ANKOM (%)	0019	3.985	0.1500	3.939	0.5516	0.2142	74	0.08	1%	0
004.07	Fiber, Crude, ANKOM (%)	2392	4.005	0.5300	3.939	0.5516	0.2142	74	0.12	1%	0
004.07	Fiber, Crude, ANKOM (%)	0226	4.030	0.0600	3.939	0.5516	0.2142	74	0.17	1%	0
004.07	Fiber, Crude, ANKOM (%)	2023	4.065	0.0500	3.939	0.5516	0.2142	74	0.23	2%	0
004.07	Fiber, Crude, ANKOM (%)	0626	4.065	0.1216	3.939	0.5516	0.2142	74	0.23	2%	0
004.07	Fiber, Crude, ANKOM (%)	2434	4.090	0.0000	3.939	0.5516	0.2142	74	0.27	2%	0
004.07	Fiber, Crude, ANKOM (%)	0089	4.115	0.0300	3.939	0.5516	0.2142	74	0.32	2%	0
004.07	Fiber, Crude, ANKOM (%)	2340	4.126	0.0460	3.939	0.5516	0.2142	74	0.34	2%	0
004.07	Fiber, Crude, ANKOM (%)	2124	4.180	0.1600	3.939	0.5516	0.2142	74	0.44	3%	0
004.07	Fiber, Crude, ANKOM (%)	0083	4.200	0.0200	3.939	0.5516	0.2142	74	0.47	3%	0
004.07	Fiber, Crude, ANKOM (%)	0646	4.200	0.5000	3.939	0.5516	0.2142	74	0.47	3%	0

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			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
004.07	Fiber, Crude, ANKOM (%)	0682	4.200	0.0000	3.939	0.5516	0.2142	74	0.47	3%	0
004.07	Fiber, Crude, ANKOM (%)	0643	4.235	0.0700	3.939	0.5516	0.2142	74	0.54	4%	0
004.07	Fiber, Crude, ANKOM (%)	0529	4.290	0.2000	3.939	0.5516	0.2142	74	0.64	4%	0
004.07	Fiber, Crude, ANKOM (%)	0074	4.300	0.4800	3.939	0.5516	0.2142	74	0.65	5%	0
004.07	Fiber, Crude, ANKOM (%)	0511	4.300	0.2000	3.939	0.5516	0.2142	74	0.65	5%	0
004.07	Fiber, Crude, ANKOM (%)	0263	4.319	0.0570	3.939	0.5516	0.2142	74	0.69	5%	0
004.07	Fiber, Crude, ANKOM (%)	0123	4.320	0.0200	3.939	0.5516	0.2142	74	0.69	5%	0
004.07	Fiber, Crude, ANKOM (%)	2188	4.450	0.0000	3.939	0.5516	0.2142	74	0.93	6%	0
004.07	Fiber, Crude, ANKOM (%)	0042	4.490	0.4000	3.939	0.5516	0.2142	74	1.00	7%	0
004.07	Fiber, Crude, ANKOM (%)	0598	4.505	0.1700	3.939	0.5516	0.2142	74	1.03	7%	0
004.07	Fiber, Crude, ANKOM (%)	0034	4.520	0.4600	3.939	0.5516	0.2142	74	1.05	7%	0
004.07	Fiber, Crude, ANKOM (%)	2195	4.600	0.1600	3.939	0.5516	0.2142	74	1.20	8%	0
004.07	Fiber, Crude, ANKOM (%)	2409	4.635	0.3900	3.939	0.5516	0.2142	74	1.26	9%	0
004.07	Fiber, Crude, ANKOM (%)	0536	4.735	0.1500	3.939	0.5516	0.2142	74	1.44	10%	0
004.07	Fiber, Crude, ANKOM (%)	0914	5.050	0.1000	3.939	0.5516	0.2142	74	2.01	14%	0
004.07	Fiber, Crude, ANKOM (%)	0622	5.159	0.2523	3.939	0.5516	0.2142	74	2.21	15%	0
004.07	Fiber, Crude, ANKOM (%)	2373	5.160	0.1800	3.939	0.5516	0.2142	74	2.21	16%	0
004.07	Fiber, Crude, ANKOM (%)	0693	5.194	1.035	3.939	0.5516	0.2142	74	2.27	16%	0
004.07	Fiber, Crude, ANKOM (%)	0043	5.520	1.040	3.939	0.5516	0.2142	74	2.87	20%	0
004.07	Fiber, Crude, ANKOM (%)	0278	6.100	0.6000	3.939	0.5516	0.2142	74	3.92	27%	0
004.07	Fiber, Crude, ANKOM (%)	2433	6.200	0.8000	3.939	0.5516	0.2142	74	4.10	29%	0
004.07	Fiber, Crude, ANKOM (%)	0366	6.800	0.2000	3.939	0.5516	0.2142	74	5.19	36%	0
004.07	Fiber, Crude, ANKOM (%)	0045	4.845	1.610	3.939	0.5516	0.2142	74	1.64	12%	1
004.11	Fiber, Crude, NIR (%)	2302	3.710	0.0400				2			0
004.11	Fiber, Crude, NIR (%)	0889	4.585	0.2500				2			0
004.99	Fiber, Crude, Miscellaneous (%)	2129	4.341	0.0046				1			0
005.00	Ash, 2h @ 600°C (%)	1019	6.495	0.4700	7.339	0.0808	0.0550	109	-10.44	6%	0
005.00	Ash, 2h @ 600°C (%)	0278	6.755	0.3300	7.339	0.0808	0.0550	109	-7.23	4%	0
005.00	Ash, 2h @ 600°C (%)	0674	6.920	0.0000	7.339	0.0808	0.0550	109	-5.18	3%	0
005.00	Ash, 2h @ 600°C (%)	2016	7.100	0.0200	7.339	0.0808	0.0550	109	-2.95	2%	0
005.00	Ash, 2h @ 600°C (%)	0089	7.110	0.0000	7.339	0.0808	0.0550	109	-2.83	2%	0
005.00	Ash, 2h @ 600°C (%)	0108	7.130	0.0200	7.339	0.0808	0.0550	109	-2.58	1%	0
005.00	Ash, 2h @ 600°C (%)	0685	7.130	0.0200	7.339	0.0808	0.0550	109	-2.58	1%	0
005.00	Ash, 2h @ 600°C (%)	0045	7.165	0.3100	7.339	0.0808	0.0550	109	-2.15	1%	0
005.00	Ash, 2h @ 600°C (%)	0169	7.175	0.1300	7.339	0.0808	0.0550	109	-2.03	1%	0
005.00	Ash, 2h @ 600°C (%)	2124	7.175	0.0300	7.339	0.0808	0.0550	109	-2.03	1%	0
005.00	Ash, 2h @ 600°C (%)	0004	7.190	0.2200	7.339	0.0808	0.0550	109	-1.84	1%	0
005.00	Ash, 2h @ 600°C (%)	2184	7.200	0.2600	7.339	0.0808	0.0550	109	-1.72	1%	0
005.00	Ash, 2h @ 600°C (%)	0554	7.220	0.5000	7.339	0.0808	0.0550	109	-1.47	1%	0
005.00	Ash, 2h @ 600°C (%)	0186	7.248	0.0268	7.339	0.0808	0.0550	109	-1.12	1%	0
005.00	Ash, 2h @ 600°C (%)	0357	7.250	0.1000	7.339	0.0808	0.0550	109	-1.10	1%	0
005.00	Ash, 2h @ 600°C (%)	2022	7.250	0.0000	7.339	0.0808	0.0550	109	-1.10	1%	0

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005.00	Ash, 2h @ 600°C (%)	2359	7.250	0.1000	7.339	0.0808	0.0550	109	-1.10	1%	0
005.00	Ash, 2h @ 600°C (%)	0622	7.251	0.0050	7.339	0.0808	0.0550	109	-1.09	1%	0
005.00	Ash, 2h @ 600°C (%)	0042	7.255	0.0900	7.339	0.0808	0.0550	109	-1.04	1%	0
005.00	Ash, 2h @ 600°C (%)	0142	7.260	0.0000	7.339	0.0808	0.0550	109	-0.97	1%	0
005.00	Ash, 2h @ 600°C (%)	2326	7.265	0.0700	7.339	0.0808	0.0550	109	-0.91	1%	0
005.00	Ash, 2h @ 600°C (%)	0229	7.270	0.1000	7.339	0.0808	0.0550	109	-0.85	0%	0
005.00	Ash, 2h @ 600°C (%)	2188	7.270	0.0000	7.339	0.0808	0.0550	109	-0.85	0%	0
005.00	Ash, 2h @ 600°C (%)	2196	7.270	0.0000	7.339	0.0808	0.0550	109	-0.85	0%	0
005.00	Ash, 2h @ 600°C (%)	0144	7.275	0.0700	7.339	0.0808	0.0550	109	-0.79	0%	0
005.00	Ash, 2h @ 600°C (%)	2434	7.280	0.0000	7.339	0.0808	0.0550	109	-0.73	0%	0
005.00	Ash, 2h @ 600°C (%)	0646	7.285	0.0100	7.339	0.0808	0.0550	109	-0.66	0%	0
005.00	Ash, 2h @ 600°C (%)	0848	7.285	0.0700	7.339	0.0808	0.0550	109	-0.66	0%	0
005.00	Ash, 2h @ 600°C (%)	0953	7.285	0.1500	7.339	0.0808	0.0550	109	-0.66	0%	0
005.00	Ash, 2h @ 600°C (%)	2325	7.285	0.0100	7.339	0.0808	0.0550	109	-0.66	0%	0
005.00	Ash, 2h @ 600°C (%)	2337	7.285	0.0100	7.339	0.0808	0.0550	109	-0.66	0%	0
005.00	Ash, 2h @ 600°C (%)	0539	7.290	0.0600	7.339	0.0808	0.0550	109	-0.60	0%	0
005.00	Ash, 2h @ 600°C (%)	0358	7.295	0.0300	7.339	0.0808	0.0550	109	-0.54	0%	0
005.00	Ash, 2h @ 600°C (%)	0047	7.300	0.0000	7.339	0.0808	0.0550	109	-0.48	0%	0
005.00	Ash, 2h @ 600°C (%)	0366	7.300	0.4000	7.339	0.0808	0.0550	109	-0.48	0%	0
005.00	Ash, 2h @ 600°C (%)	0574	7.300	0.0200	7.339	0.0808	0.0550	109	-0.48	0%	0
005.00	Ash, 2h @ 600°C (%)	2200	7.300	0.0000	7.339	0.0808	0.0550	109	-0.48	0%	0
005.00	Ash, 2h @ 600°C (%)	0049	7.305	0.0500	7.339	0.0808	0.0550	109	-0.42	0%	0
005.00	Ash, 2h @ 600°C (%)	0407	7.311	0.0729	7.339	0.0808	0.0550	109	-0.34	0%	0
005.00	Ash, 2h @ 600°C (%)	2122	7.315	0.0300	7.339	0.0808	0.0550	109	-0.29	0%	0
005.00	Ash, 2h @ 600°C (%)	0682	7.320	0.0000	7.339	0.0808	0.0550	109	-0.23	0%	0
005.00	Ash, 2h @ 600°C (%)	0208	7.325	0.0300	7.339	0.0808	0.0550	109	-0.17	0%	0
005.00	Ash, 2h @ 600°C (%)	0083	7.330	0.0200	7.339	0.0808	0.0550	109	-0.11	0%	0
005.00	Ash, 2h @ 600°C (%)	2349	7.335	0.0500	7.339	0.0808	0.0550	109	-0.04	0%	0
005.00	Ash, 2h @ 600°C (%)	0026	7.340	0.0400	7.339	0.0808	0.0550	109	0.02	0%	0
005.00	Ash, 2h @ 600°C (%)	0618	7.340	0.0800	7.339	0.0808	0.0550	109	0.02	0%	0
005.00	Ash, 2h @ 600°C (%)	2293	7.340	0.0200	7.339	0.0808	0.0550	109	0.02	0%	0
005.00	Ash, 2h @ 600°C (%)	2340	7.340	0.0100	7.339	0.0808	0.0550	109	0.02	0%	0
005.00	Ash, 2h @ 600°C (%)	0651	7.343	0.0767	7.339	0.0808	0.0550	109	0.05	0%	0
005.00	Ash, 2h @ 600°C (%)	2259	7.345	0.0290	7.339	0.0808	0.0550	109	0.07	0%	0
005.00	Ash, 2h @ 600°C (%)	0870	7.347	0.0412	7.339	0.0808	0.0550	109	0.11	0%	0
005.00	Ash, 2h @ 600°C (%)	0001	7.348	0.0580	7.339	0.0808	0.0550	109	0.12	0%	0
005.00	Ash, 2h @ 600°C (%)	0017	7.350	0.1000	7.339	0.0808	0.0550	109	0.14	0%	0
005.00	Ash, 2h @ 600°C (%)	0505	7.350	0.0200	7.339	0.0808	0.0550	109	0.14	0%	0
005.00	Ash, 2h @ 600°C (%)	0853	7.350	0.1000	7.339	0.0808	0.0550	109	0.14	0%	0
005.00	Ash, 2h @ 600°C (%)	0956	7.350	0.3000	7.339	0.0808	0.0550	109	0.14	0%	0
005.00	Ash, 2h @ 600°C (%)	2195	7.350	0.1200	7.339	0.0808	0.0550	109	0.14	0%	0
005.00	Ash, 2h @ 600°C (%)	2433	7.351	0.0730	7.339	0.0808	0.0550	109	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 (%)	0038	7.355	0.0500	7.339	0.0808	0.0550	109	0.20	0%	0
005.00	Ash, 2h @ 600°C (%)	0123	7.360	0.0600	7.339	0.0808	0.0550	109	0.26	0%	0
005.00	Ash, 2h @ 600°C (%)	0510	7.360	0.0200	7.339	0.0808	0.0550	109	0.26	0%	0
005.00	Ash, 2h @ 600°C (%)	2181	7.360	0.0400	7.339	0.0808	0.0550	109	0.26	0%	0
005.00	Ash, 2h @ 600°C (%)	2193	7.360	0.0400	7.339	0.0808	0.0550	109	0.26	0%	0
005.00	Ash, 2h @ 600°C (%)	2445	7.360	0.0200	7.339	0.0808	0.0550	109	0.26	0%	0
005.00	Ash, 2h @ 600°C (%)	0541	7.360	0.0000	7.339	0.0808	0.0550	109	0.26	0%	0
005.00	Ash, 2h @ 600°C (%)	2076	7.361	0.0423	7.339	0.0808	0.0550	109	0.28	0%	0
005.00	Ash, 2h @ 600°C (%)	0035	7.365	0.0500	7.339	0.0808	0.0550	109	0.33	0%	0
005.00	Ash, 2h @ 600°C (%)	0100	7.365	0.0100	7.339	0.0808	0.0550	109	0.33	0%	0
005.00	Ash, 2h @ 600°C (%)	2252	7.365	0.0900	7.339	0.0808	0.0550	109	0.33	0%	0
005.00	Ash, 2h @ 600°C (%)	0693	7.366	0.0510	7.339	0.0808	0.0550	109	0.33	0%	0
005.00	Ash, 2h @ 600°C (%)	0504	7.370	0.0200	7.339	0.0808	0.0550	109	0.39	0%	0
005.00	Ash, 2h @ 600°C (%)	0563	7.375	0.0245	7.339	0.0808	0.0550	109	0.45	0%	0
005.00	Ash, 2h @ 600°C (%)	0968	7.375	0.0100	7.339	0.0808	0.0550	109	0.45	0%	0
005.00	Ash, 2h @ 600°C (%)	2361	7.375	0.0300	7.339	0.0808	0.0550	109	0.45	0%	0
005.00	Ash, 2h @ 600°C (%)	0027	7.379	0.0300	7.339	0.0808	0.0550	109	0.50	0%	0
005.00	Ash, 2h @ 600°C (%)	1023	7.380	0.0200	7.339	0.0808	0.0550	109	0.51	0%	0
005.00	Ash, 2h @ 600°C (%)	2220	7.380	0.0400	7.339	0.0808	0.0550	109	0.51	0%	0
005.00	Ash, 2h @ 600°C (%)	0354	7.384	0.0330	7.339	0.0808	0.0550	109	0.56	0%	0
005.00	Ash, 2h @ 600°C (%)	0148	7.385	0.0300	7.339	0.0808	0.0550	109	0.57	0%	0
005.00	Ash, 2h @ 600°C (%)	2330	7.385	0.0700	7.339	0.0808	0.0550	109	0.57	0%	0
005.00	Ash, 2h @ 600°C (%)	0309	7.388	0.1040	7.339	0.0808	0.0550	109	0.61	0%	0
005.00	Ash, 2h @ 600°C (%)	0098	7.390	0.0000	7.339	0.0808	0.0550	109	0.64	0%	0
005.00	Ash, 2h @ 600°C (%)	2156	7.390	0.0200	7.339	0.0808	0.0550	109	0.64	0%	0
005.00	Ash, 2h @ 600°C (%)	2408	7.390	0.0200	7.339	0.0808	0.0550	109	0.64	0%	0
005.00	Ash, 2h @ 600°C (%)	0598	7.395	0.0100	7.339	0.0808	0.0550	109	0.70	0%	0
005.00	Ash, 2h @ 600°C (%)	0553	7.400	0.0200	7.339	0.0808	0.0550	109	0.76	0%	0
005.00	Ash, 2h @ 600°C (%)	2033	7.400	0.0000	7.339	0.0808	0.0550	109	0.76	0%	0
005.00	Ash, 2h @ 600°C (%)	2312	7.400	0.0800	7.339	0.0808	0.0550	109	0.76	0%	0
005.00	Ash, 2h @ 600°C (%)	2246	7.405	0.0300	7.339	0.0808	0.0550	109	0.82	0%	0
005.00	Ash, 2h @ 600°C (%)	2393	7.405	0.0500	7.339	0.0808	0.0550	109	0.82	0%	0
005.00	Ash, 2h @ 600°C (%)	0345	7.405	0.0700	7.339	0.0808	0.0550	109	0.82	0%	0
005.00	Ash, 2h @ 600°C (%)	2392	7.405	0.0100	7.339	0.0808	0.0550	109	0.82	0%	0
005.00	Ash, 2h @ 600°C (%)	0353	7.410	0.0000	7.339	0.0808	0.0550	109	0.88	0%	0
005.00	Ash, 2h @ 600°C (%)	2150	7.410	0.0200	7.339	0.0808	0.0550	109	0.88	0%	0
005.00	Ash, 2h @ 600°C (%)	2373	7.410	0.0400	7.339	0.0808	0.0550	109	0.88	0%	0
005.00	Ash, 2h @ 600°C (%)	2362	7.420	0.0200	7.339	0.0808	0.0550	109	1.01	1%	0
005.00	Ash, 2h @ 600°C (%)	0529	7.425	0.0500	7.339	0.0808	0.0550	109	1.07	1%	0
005.00	Ash, 2h @ 600°C (%)	2302	7.425	0.0500	7.339	0.0808	0.0550	109	1.07	1%	0
005.00	Ash, 2h @ 600°C (%)	0650	7.430	0.1000	7.339	0.0808	0.0550	109	1.13	1%	0
005.00	Ash, 2h @ 600°C (%)	0242	7.440	0.0200	7.339	0.0808	0.0550	109	1.26	1%	0

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005.00	Ash, 2h @ 600°C (%)	0948	7.445	0.0500	7.339	0.0808	0.0550	109	1.32	1%	0
005.00	Ash, 2h @ 600°C (%)	0139	7.465	0.0100	7.339	0.0808	0.0550	109	1.57	1%	0
005.00	Ash, 2h @ 600°C (%)	0171	7.470	0.0200	7.339	0.0808	0.0550	109	1.63	1%	0
005.00	Ash, 2h @ 600°C (%)	2089	7.475	0.1500	7.339	0.0808	0.0550	109	1.69	1%	0
005.00	Ash, 2h @ 600°C (%)	0852	7.480	0.0400	7.339	0.0808	0.0550	109	1.75	1%	0
005.00	Ash, 2h @ 600°C (%)	0164	7.515	0.0500	7.339	0.0808	0.0550	109	2.18	1%	0
005.00	Ash, 2h @ 600°C (%)	2453	7.525	0.4320	7.339	0.0808	0.0550	109	2.31	1%	0
005.00	Ash, 2h @ 600°C (%)	0417	7.640	0.1200	7.339	0.0808	0.0550	109	3.73	2%	0
005.00	Ash, 2h @ 600°C (%)	0226	7.675	0.1900	7.339	0.0808	0.0550	109	4.17	2%	0
005.00	Ash, 2h @ 600°C (%)	0880	6.730	1.460	7.339	0.0808	0.0550	109	-7.54	4%	1
005.00	Ash, 2h @ 600°C (%)	2199	6.930	0.7800	7.339	0.0808	0.0550	109	-5.06	3%	1
005.00	Ash, 2h @ 600°C (%)	0297	8.850	0.1200	7.339	0.0808	0.0550	109	18.71	10%	2
005.02	Ash, LECO (%)	0644	7.431	0.0390				1			0
005.03	Ash, Microwave furnace (%)	0511	7.200	0.0000	7.469	0.1493	0.1533	7	-1.80	2%	0
005.03	Ash, Microwave furnace (%)	2436	7.380	0.2600	7.469	0.1493	0.1533	7	-0.60	1%	0
005.03	Ash, Microwave furnace (%)	2429	7.400	0.1400	7.469	0.1493	0.1533	7	-0.46	0%	0
005.03	Ash, Microwave furnace (%)	2438	7.510	0.1000	7.469	0.1493	0.1533	7	0.27	0%	0
005.03	Ash, Microwave furnace (%)	2439	7.575	0.0500	7.469	0.1493	0.1533	7	0.71	1%	0
005.03	Ash, Microwave furnace (%)	2437	7.575	0.1500	7.469	0.1493	0.1533	7	0.71	1%	0
005.03	Ash, Microwave furnace (%)	2435	7.600	0.2200	7.469	0.1493	0.1533	7	0.88	1%	0
005.05	Ash, 3h @ 550°C (%)	0692	7.200	0.0000	7.405	0.0554	0.0350	38	-3.70	1%	0
005.05	Ash, 3h @ 550°C (%)	0726	7.230	0.0200	7.405	0.0554	0.0350	38	-3.16	1%	0
005.05	Ash, 3h @ 550°C (%)	0845	7.230	0.0200	7.405	0.0554	0.0350	38	-3.16	1%	0
005.05	Ash, 3h @ 550°C (%)	0190	7.285	0.0700	7.405	0.0554	0.0350	38	-2.16	1%	0
005.05	Ash, 3h @ 550°C (%)	2192	7.325	0.0300	7.405	0.0554	0.0350	38	-1.44	1%	0
005.05	Ash, 3h @ 550°C (%)	0066	7.335	0.0300	7.405	0.0554	0.0350	38	-1.26	0%	0
005.05	Ash, 3h @ 550°C (%)	2050	7.345	0.1100	7.405	0.0554	0.0350	38	-1.08	0%	0
005.05	Ash, 3h @ 550°C (%)	0643	7.355	0.0100	7.405	0.0554	0.0350	38	-0.90	0%	0
005.05	Ash, 3h @ 550°C (%)	0610	7.365	0.0300	7.405	0.0554	0.0350	38	-0.72	0%	0
005.05	Ash, 3h @ 550°C (%)	2009	7.390	0.0116	7.405	0.0554	0.0350	38	-0.28	0%	0
005.05	Ash, 3h @ 550°C (%)	0939	7.390	0.0800	7.405	0.0554	0.0350	38	-0.27	0%	0
005.05	Ash, 3h @ 550°C (%)	0619	7.395	0.0100	7.405	0.0554	0.0350	38	-0.18	0%	0
005.05	Ash, 3h @ 550°C (%)	1021	7.395	0.0100	7.405	0.0554	0.0350	38	-0.18	0%	0
005.05	Ash, 3h @ 550°C (%)	2419	7.395	0.0100	7.405	0.0554	0.0350	38	-0.18	0%	0
005.05	Ash, 3h @ 550°C (%)	0294	7.400	0.0400	7.405	0.0554	0.0350	38	-0.09	0%	0
005.05	Ash, 3h @ 550°C (%)	1022	7.400	0.0400	7.405	0.0554	0.0350	38	-0.09	0%	0
005.05	Ash, 3h @ 550°C (%)	2399	7.400	0.0200	7.405	0.0554	0.0350	38	-0.09	0%	0
005.05	Ash, 3h @ 550°C (%)	2420	7.400	0.0200	7.405	0.0554	0.0350	38	-0.09	0%	0
005.05	Ash, 3h @ 550°C (%)	2422	7.400	0.0200	7.405	0.0554	0.0350	38	-0.09	0%	0
005.05	Ash, 3h @ 550°C (%)	0034	7.410	0.0320	7.405	0.0554	0.0350	38	0.09	0%	0
005.05	Ash, 3h @ 550°C (%)	2417	7.410	0.0200	7.405	0.0554	0.0350	38	0.09	0%	0
005.05	Ash, 3h @ 550°C (%)	2426	7.410	0.0200	7.405	0.0554	0.0350	38	0.09	0%	0

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005.05	Ash, 3h @ 550°C (%)	0263	7.416	0.0010	7.405	0.0554	0.0350	38	0.19	0%	0
005.05	Ash, 3h @ 550°C (%)	0689	7.420	0.1000	7.405	0.0554	0.0350	38	0.27	0%	0
005.05	Ash, 3h @ 550°C (%)	2250	7.420	0.0600	7.405	0.0554	0.0350	38	0.27	0%	0
005.05	Ash, 3h @ 550°C (%)	0596	7.425	0.0300	7.405	0.0554	0.0350	38	0.36	0%	0
005.05	Ash, 3h @ 550°C (%)	1020	7.425	0.0300	7.405	0.0554	0.0350	38	0.36	0%	0
005.05	Ash, 3h @ 550°C (%)	2452	7.430	0.0600	7.405	0.0554	0.0350	38	0.45	0%	0
005.05	Ash, 3h @ 550°C (%)	2424	7.435	0.0100	7.405	0.0554	0.0350	38	0.54	0%	0
005.05	Ash, 3h @ 550°C (%)	2421	7.440	0.0200	7.405	0.0554	0.0350	38	0.63	0%	0
005.05	Ash, 3h @ 550°C (%)	2246	7.455	0.0500	7.405	0.0554	0.0350	38	0.90	0%	0
005.05	Ash, 3h @ 550°C (%)	2416	7.455	0.0700	7.405	0.0554	0.0350	38	0.90	0%	0
005.05	Ash, 3h @ 550°C (%)	0889	7.460	0.1600	7.405	0.0554	0.0350	38	0.99	0%	0
005.05	Ash, 3h @ 550°C (%)	0139	7.465	0.0100	7.405	0.0554	0.0350	38	1.08	0%	0
005.05	Ash, 3h @ 550°C (%)	0852	7.480	0.0400	7.405	0.0554	0.0350	38	1.35	1%	0
005.05	Ash, 3h @ 550°C (%)	0941	7.480	0.0600	7.405	0.0554	0.0350	38	1.35	1%	0
005.05	Ash, 3h @ 550°C (%)	2398	7.604	0.0070	7.405	0.0554	0.0350	38	3.58	1%	0
005.05	Ash, 3h @ 550°C (%)	2129	7.719	0.0842	7.405	0.0554	0.0350	38	5.66	2%	0
005.05	Ash, 3h @ 550°C (%)	2190	7.295	0.2100	7.405	0.0554	0.0350	38	-1.98	1%	1
005.05	Ash, 3h @ 550°C (%)	2345	0.0725	0.0010	7.405	0.0554	0.0350	38	-132.24	50%	2
005.11	Ash, NIR (%)	0889	4.905	0.1200	7.901	3.419	0.1950	4			0
005.11	Ash, NIR (%)	2302	6.355	0.0900	7.901	3.419	0.1950	4			0
005.11	Ash, NIR (%)	0852	7.585	0.1500	7.901	3.419	0.1950	4			0
005.11	Ash, NIR (%)	0297	12.76	0.4200	7.901	3.419	0.1950	4			0
005.99	Ash, Miscellaneous (%)	0644	7.025	0.0890	7.374	0.1138	0.0785	10	-3.07	2%	0
005.99	Ash, Miscellaneous (%)	0019	7.250	0.1000	7.374	0.1138	0.0785	10	-1.09	1%	0
005.99	Ash, Miscellaneous (%)	2409	7.305	0.0300	7.374	0.1138	0.0785	10	-0.60	0%	0
005.99	Ash, Miscellaneous (%)	0202	7.340	0.0800	7.374	0.1138	0.0785	10	-0.30	0%	0
005.99	Ash, Miscellaneous (%)	2023	7.360	0.0600	7.374	0.1138	0.0785	10	-0.12	0%	0
005.99	Ash, Miscellaneous (%)	2319	7.400	0.0000	7.374	0.1138	0.0785	10	0.23	0%	0
005.99	Ash, Miscellaneous (%)	0652	7.450	0.1000	7.374	0.1138	0.0785	10	0.67	1%	0
005.99	Ash, Miscellaneous (%)	0884	7.450	0.1000	7.374	0.1138	0.0785	10	0.67	1%	0
005.99	Ash, Miscellaneous (%)	0914	7.470	0.0600	7.374	0.1138	0.0785	10	0.85	1%	0
005.99	Ash, Miscellaneous (%)	0676	7.510	0.0000	7.374	0.1138	0.0785	10	1.20	1%	0
005.99	Ash, Miscellaneous (%)	0536	5.900	2.840	7.374	0.1138	0.0785	10	-12.95	10%	1
006.00	Total Sugars, As sucrose (%)	0407	0.4650	0.5300				1			0
006.99	Total Sugars, Miscellaneous (%)	0226	0.6150	0.0100				2			0
006.99	Total Sugars, Miscellaneous (%)	0956	1.700	0.0000				2			0
008.02	Fiber, Acid Detergent, Crucible (%)	0948	6.335	0.2700	6.871	0.4887	0.1901	11	-1.10	4%	0
008.02	Fiber, Acid Detergent, Crucible (%)	2246	6.360	0.0400	6.871	0.4887	0.1901	11	-1.05	4%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0674	6.410	0.0000	6.871	0.4887	0.1901	11	-0.94	3%	0
008.02	Fiber, Acid Detergent, Crucible (%)	2089	6.505	0.3100	6.871	0.4887	0.1901	11	-0.75	3%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0689	6.800	0.2000	6.871	0.4887	0.1901	11	-0.14	1%	0
008.02	Fiber, Acid Detergent, Crucible (%)	2192	6.900	0.2000	6.871	0.4887	0.1901	11	0.06	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
008.02	Fiber, Acid Detergent, Crucible (%)	0353	7.015	0.8700	6.871	0.4887	0.1901	11	0.30	1%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0098	7.130	0.1600	6.871	0.4887	0.1901	11	0.53	2%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0226	7.140	0.1400	6.871	0.4887	0.1901	11	0.55	2%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0148	7.380	0.1800	6.871	0.4887	0.1901	11	1.04	4%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0309	8.097	0.0225	6.871	0.4887	0.1901	11	2.51	9%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0676	6.800	1.620	6.871	0.4887	0.1901	11	-0.14	1%	1
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0596	4.210	0.2200	6.936	1.713	0.2771	47	-1.59	20%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0354	4.360	0.4400	6.936	1.713	0.2771	47	-1.50	19%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2129	4.463	0.3100	6.936	1.713	0.2771	47	-1.44	18%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0889	4.740	0.0200	6.936	1.713	0.2771	47	-1.28	16%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2322	4.805	0.2100	6.936	1.713	0.2771	47	-1.24	15%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0956	4.900	1.000	6.936	1.713	0.2771	47	-1.19	15%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0968	4.900	0.2400	6.936	1.713	0.2771	47	-1.19	15%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0510	5.050	0.3000	6.936	1.713	0.2771	47	-1.10	14%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0939	5.080	0.1200	6.936	1.713	0.2771	47	-1.08	13%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2445	5.375	0.1900	6.936	1.713	0.2771	47	-0.91	11%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0619	5.380	0.3800	6.936	1.713	0.2771	47	-0.91	11%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2302	5.810	0.1200	6.936	1.713	0.2771	47	-0.66	8%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0536	5.885	0.1500	6.936	1.713	0.2771	47	-0.61	8%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0407	6.099	0.5668	6.936	1.713	0.2771	47	-0.49	6%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0870	6.115	0.2614	6.936	1.713	0.2771	47	-0.48	6%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2345	6.250	1.400	6.936	1.713	0.2771	47	-0.40	5%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0948	6.260	0.1000	6.936	1.713	0.2771	47	-0.39	5%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0026	6.495	0.4500	6.936	1.713	0.2771	47	-0.26	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0066	6.550	0.2400	6.936	1.713	0.2771	47	-0.23	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0004	6.690	0.1200	6.936	1.713	0.2771	47	-0.14	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0848	6.795	0.0900	6.936	1.713	0.2771	47	-0.08	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0646	6.840	0.2200	6.936	1.713	0.2771	47	-0.06	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0278	6.950	0.5000	6.936	1.713	0.2771	47	0.01	0%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2375	6.970	0.0200	6.936	1.713	0.2771	47	0.02	0%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0263	7.069	0.0230	6.936	1.713	0.2771	47	0.08	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0910	7.180	0.0200	6.936	1.713	0.2771	47	0.14	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0049	7.405	1.010	6.936	1.713	0.2771	47	0.27	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0083	7.455	0.1700	6.936	1.713	0.2771	47	0.30	4%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2190	7.595	0.1100	6.936	1.713	0.2771	47	0.38	5%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0148	7.615	0.0700	6.936	1.713	0.2771	47	0.40	5%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2196	7.680	0.0000	6.936	1.713	0.2771	47	0.43	5%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0357	7.725	0.0500	6.936	1.713	0.2771	47	0.46	6%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0358	7.770	0.3800	6.936	1.713	0.2771	47	0.49	6%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0504	7.830	0.5800	6.936	1.713	0.2771	47	0.52	6%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0511	7.850	1.700	6.936	1.713	0.2771	47	0.53	7%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0042	7.885	0.4500	6.936	1.713	0.2771	47	0.55	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	
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0001	7.893	0.3380	6.936	1.713	0.2771	47	0.56	7%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0581	8.075	0.0500	6.936	1.713	0.2771	47	0.67	8%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0366	8.350	0.5000	6.936	1.713	0.2771	47	0.83	10%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2409	8.700	0.4200	6.936	1.713	0.2771	47	1.03	13%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0037	9.000	0.0200	6.936	1.713	0.2771	47	1.21	15%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0693	9.029	2.343	6.936	1.713	0.2771	47	1.22	15%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0297	9.200	0.8000	6.936	1.713	0.2771	47	1.32	16%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0190	9.265	0.0700	6.936	1.713	0.2771	47	1.36	17%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0726	9.265	0.0700	6.936	1.713	0.2771	47	1.36	17%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0294	9.555	0.2500	6.936	1.713	0.2771	47	1.53	19%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0045	13.05	0.1000	6.936	1.713	0.2771	47	3.57	44%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2433	33.80	9.360	6.936	1.713	0.2771	47	15.68	194%	2
008.99	Fiber, Acid Detergent, Miscellaneous (%)	0610	6.550	0.1400				2			0
008.99	Fiber, Acid Detergent, Miscellaneous (%)	0027	6.999	0.0800				2			0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat	0098	10.15	0.1000	13.62	1.669	0.7134	12	-2.08	13%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat	0948	12.16	0.2900	13.62	1.669	0.7134	12	-0.88	5%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat	0226	12.70	0.5800	13.62	1.669	0.7134	12	-0.55	3%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat	2089	12.83	1.210	13.62	1.669	0.7134	12	-0.48	3%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat	2192	13.15	0.3000	13.62	1.669	0.7134	12	-0.28	2%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat	0309	13.22	0.0647	13.62	1.669	0.7134	12	-0.24	1%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat	2246	13.29	0.1400	13.62	1.669	0.7134	12	-0.20	1%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat	0610	13.95	1.300	13.62	1.669	0.7134	12	0.19	1%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat	0674	14.13	0.0000	13.62	1.669	0.7134	12	0.30	2%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat	0676	14.99	1.350	13.62	1.669	0.7134	12	0.82	5%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat	0353	15.85	2.430	13.62	1.669	0.7134	12	1.33	8%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat	0689	17.30	0.0000	13.62	1.669	0.7134	12	2.20	13%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0278	6.100	0.6000	12.00	2.139	0.4016	43	-2.76	25%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0939	8.780	0.3400	12.00	2.139	0.4016	43	-1.50	13%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0596	9.310	0.2400	12.00	2.139	0.4016	43	-1.26	11%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	2392	9.635	0.0700	12.00	2.139	0.4016	43	-1.10	10%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0354	9.650	0.5800	12.00	2.139	0.4016	43	-1.10	10%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0581	9.860	0.2200	12.00	2.139	0.4016	43	-1.00	9%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0407	10.18	1.386	12.00	2.139	0.4016	43	-0.85	8%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0870	10.26	0.5477	12.00	2.139	0.4016	43	-0.81	7%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0263	10.35	0.0160	12.00	2.139	0.4016	43	-0.77	7%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0049	10.37	0.0500	12.00	2.139	0.4016	43	-0.76	7%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0619	10.49	0.4700	12.00	2.139	0.4016	43	-0.71	6%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0504	10.51	0.0900	12.00	2.139	0.4016	43	-0.70	6%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	2433	10.52	1.010	12.00	2.139	0.4016	43	-0.69	6%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	2129	10.69	0.3618	12.00	2.139	0.4016	43	-0.61	5%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0598	10.74	0.7100	12.00	2.139	0.4016	43	-0.59	5%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	2302	10.92	0.1700	12.00	2.139	0.4016	43	-0.51	5%	0

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009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (0358	11.15	0.4600	12.00	2.139	0.4016	43	-0.40	4%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	2375	11.18	0.0700	12.00	2.139	0.4016	43	-0.38	3%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0510	11.45	0.3000	12.00	2.139	0.4016	43	-0.26	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0948	11.72	0.5500	12.00	2.139	0.4016	43	-0.13	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0889	12.00	0.1800	12.00	2.139	0.4016	43	0.00	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	2322	12.11	0.0600	12.00	2.139	0.4016	43	0.05	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0646	12.17	0.3800	12.00	2.139	0.4016	43	0.08	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0536	12.38	0.4800	12.00	2.139	0.4016	43	0.18	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0956	12.40	1.200	12.00	2.139	0.4016	43	0.19	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0066	12.51	0.3100	12.00	2.139	0.4016	43	0.24	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0037	12.56	0.4000	12.00	2.139	0.4016	43	0.26	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	2196	12.57	0.0000	12.00	2.139	0.4016	43	0.27	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0190	12.58	0.0000	12.00	2.139	0.4016	43	0.27	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0726	12.58	0.0000	12.00	2.139	0.4016	43	0.27	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0148	12.68	0.4600	12.00	2.139	0.4016	43	0.32	3%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	2190	12.70	0.4200	12.00	2.139	0.4016	43	0.33	3%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	2345	13.22	1.570	12.00	2.139	0.4016	43	0.57	5%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0357	13.24	0.1300	12.00	2.139	0.4016	43	0.58	5%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0693	13.86	0.7380	12.00	2.139	0.4016	43	0.87	8%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0294	14.05	0.9200	12.00	2.139	0.4016	43	0.96	9%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0083	14.72	0.2100	12.00	2.139	0.4016	43	1.27	11%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0968	14.98	0.3700	12.00	2.139	0.4016	43	1.39	12%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0297	16.90	1.000	12.00	2.139	0.4016	43	2.29	20%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	2445	16.92	0.2100	12.00	2.139	0.4016	43	2.30	21%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0366	18.30	0.2000	12.00	2.139	0.4016	43	2.95	26%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0045	19.10	0.4000	12.00	2.139	0.4016	43	3.32	30%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0848	19.84	0.2100	12.00	2.139	0.4016	43	3.67	33%	0
009.99	Fiber, Neutral Detergent, Miscellaneous (%)	0889	9.715	0.2200				2			0
009.99	Fiber, Neutral Detergent, Miscellaneous (%)	0910	10.70	1.400				2			0
010.03	Moisture, Karl-Fischer (%)	0843	6.735	0.4300				1			0
010.11	Moisture, NIR (%)	0852	7.470	0.0800				2			0
010.11	Moisture, NIR (%)	0889	8.125	0.1000				2			0
010.99	Moisture, Miscellaneous (%)	2409	6.855	0.0300	7.561	0.3776	0.1018	17	-1.87	5%	0
010.99	Moisture, Miscellaneous (%)	2375	7.245	0.0100	7.561	0.3776	0.1018	17	-0.84	2%	0
010.99	Moisture, Miscellaneous (%)	2129	7.268	0.0895	7.561	0.3776	0.1018	17	-0.78	2%	0
010.99	Moisture, Miscellaneous (%)	0726	7.270	0.0200	7.561	0.3776	0.1018	17	-0.77	2%	0
010.99	Moisture, Miscellaneous (%)	2150	7.280	0.4200	7.561	0.3776	0.1018	17	-0.74	2%	0
010.99	Moisture, Miscellaneous (%)	0939	7.325	0.0900	7.561	0.3776	0.1018	17	-0.62	2%	0
010.99	Moisture, Miscellaneous (%)	0948	7.335	0.0100	7.561	0.3776	0.1018	17	-0.60	1%	0
010.99	Moisture, Miscellaneous (%)	0652	7.400	0.0000	7.561	0.3776	0.1018	17	-0.43	1%	0
010.99	Moisture, Miscellaneous (%)	0692	7.450	0.5000	7.561	0.3776	0.1018	17	-0.29	1%	0
010.99	Moisture, Miscellaneous (%)	2076	7.680	0.0800	7.561	0.3776	0.1018	17	0.32	1%	0

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010.99	Moisture, Miscellaneous (%)	0622	7.686	0.2461	7.561	0.3776	0.1018	17	0.33	1%	0
010.99	Moisture, Miscellaneous (%)	0190	7.815	0.0100	7.561	0.3776	0.1018	17	0.67	2%	0
010.99	Moisture, Miscellaneous (%)	2089	7.830	0.0200	7.561	0.3776	0.1018	17	0.71	2%	0
010.99	Moisture, Miscellaneous (%)	0884	7.850	0.1000	7.561	0.3776	0.1018	17	0.77	2%	0
010.99	Moisture, Miscellaneous (%)	0019	7.890	0.0200	7.561	0.3776	0.1018	17	0.87	2%	0
010.99	Moisture, Miscellaneous (%)	0096	8.090	0.1200	7.561	0.3776	0.1018	17	1.40	3%	0
010.99	Moisture, Miscellaneous (%)	0852	8.520	0.2400	7.561	0.3776	0.1018	17	2.54	6%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0026	6.170	0.0200	7.993	0.3624	0.1065	67	-5.03	11%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2200	6.790	0.6200	7.993	0.3624	0.1065	67	-3.32	8%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	1019	7.300	0.0600	7.993	0.3624	0.1065	67	-1.91	4%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2174	7.355	0.6300	7.993	0.3624	0.1065	67	-1.76	4%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0164	7.400	0.1600	7.993	0.3624	0.1065	67	-1.64	4%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2359	7.450	0.3000	7.993	0.3624	0.1065	67	-1.50	3%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2312	7.505	0.4500	7.993	0.3624	0.1065	67	-1.35	3%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0511	7.515	0.0500	7.993	0.3624	0.1065	67	-1.32	3%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0643	7.525	0.0500	7.993	0.3624	0.1065	67	-1.29	3%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0880	7.555	0.0700	7.993	0.3624	0.1065	67	-1.21	3%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0953	7.665	0.1900	7.993	0.3624	0.1065	67	-0.91	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2453	7.665	0.0460	7.993	0.3624	0.1065	67	-0.91	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0563	7.665	0.1086	7.993	0.3624	0.1065	67	-0.91	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0354	7.685	0.0500	7.993	0.3624	0.1065	67	-0.85	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0294	7.730	0.0200	7.993	0.3624	0.1065	67	-0.73	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0848	7.740	0.0600	7.993	0.3624	0.1065	67	-0.70	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0309	7.750	0.1400	7.993	0.3624	0.1065	67	-0.67	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2181	7.770	0.0200	7.993	0.3624	0.1065	67	-0.62	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2188	7.770	0.0000	7.993	0.3624	0.1065	67	-0.62	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2033	7.780	0.0200	7.993	0.3624	0.1065	67	-0.59	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0536	7.840	0.1400	7.993	0.3624	0.1065	67	-0.42	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0208	7.855	0.0900	7.993	0.3624	0.1065	67	-0.38	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0968	7.865	0.0700	7.993	0.3624	0.1065	67	-0.35	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0554	7.870	0.0600	7.993	0.3624	0.1065	67	-0.34	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0843	7.875	0.1700	7.993	0.3624	0.1065	67	-0.33	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2196	7.930	0.0000	7.993	0.3624	0.1065	67	-0.18	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0263	7.937	0.0150	7.993	0.3624	0.1065	67	-0.16	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0539	7.950	0.0800	7.993	0.3624	0.1065	67	-0.12	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2373	7.955	0.0100	7.993	0.3624	0.1065	67	-0.11	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0682	7.960	0.0000	7.993	0.3624	0.1065	67	-0.09	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2326	7.960	0.3400	7.993	0.3624	0.1065	67	-0.09	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0226	7.980	0.0400	7.993	0.3624	0.1065	67	-0.04	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2433	7.985	0.0360	7.993	0.3624	0.1065	67	-0.02	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2337	8.010	0.0600	7.993	0.3624	0.1065	67	0.05	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0646	8.050	0.0200	7.993	0.3624	0.1065	67	0.16	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	
011.01	Loss on Drying, HT, 135°C 2hr (%)	0574	8.060	0.0200	7.993	0.3624	0.1065	67	0.18	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0123	8.070	0.0800	7.993	0.3624	0.1065	67	0.21	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2184	8.070	0.0800	7.993	0.3624	0.1065	67	0.21	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0651	8.070	0.0026	7.993	0.3624	0.1065	67	0.21	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2434	8.090	0.0000	7.993	0.3624	0.1065	67	0.27	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0100	8.100	0.1400	7.993	0.3624	0.1065	67	0.29	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2340	8.111	0.0880	7.993	0.3624	0.1065	67	0.32	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0066	8.115	0.1300	7.993	0.3624	0.1065	67	0.34	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0229	8.120	0.0000	7.993	0.3624	0.1065	67	0.35	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0674	8.140	0.0000	7.993	0.3624	0.1065	67	0.40	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2302	8.140	0.0600	7.993	0.3624	0.1065	67	0.40	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0870	8.159	0.1907	7.993	0.3624	0.1065	67	0.46	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0598	8.180	0.3000	7.993	0.3624	0.1065	67	0.51	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0242	8.185	0.2300	7.993	0.3624	0.1065	67	0.53	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0553	8.200	0.3400	7.993	0.3624	0.1065	67	0.57	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0098	8.205	0.0700	7.993	0.3624	0.1065	67	0.58	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0047	8.250	0.1000	7.993	0.3624	0.1065	67	0.71	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0108	8.250	0.1000	7.993	0.3624	0.1065	67	0.71	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0622	8.251	0.0035	7.993	0.3624	0.1065	67	0.71	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2193	8.320	0.2000	7.993	0.3624	0.1065	67	0.90	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0541	8.340	0.2000	7.993	0.3624	0.1065	67	0.96	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2022	8.345	0.0500	7.993	0.3624	0.1065	67	0.97	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0004	8.360	0.0400	7.993	0.3624	0.1065	67	1.01	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0358	8.390	0.1600	7.993	0.3624	0.1065	67	1.09	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2246	8.405	0.1100	7.993	0.3624	0.1065	67	1.14	3%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0618	8.450	0.0200	7.993	0.3624	0.1065	67	1.26	3%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0144	8.500	0.1000	7.993	0.3624	0.1065	67	1.40	3%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0202	8.515	0.3300	7.993	0.3624	0.1065	67	1.44	3%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0852	8.520	0.2400	7.993	0.3624	0.1065	67	1.45	3%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0685	8.670	0.0400	7.993	0.3624	0.1065	67	1.87	4%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0407	8.754	0.0499	7.993	0.3624	0.1065	67	2.10	5%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0510	8.800	0.2000	7.993	0.3624	0.1065	67	2.23	5%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2199	6.875	0.7900	7.993	0.3624	0.1065	67	-3.09	7%	1
011.01	Loss on Drying, HT, 135°C 2hr (%)	2016	7.415	0.8100	7.993	0.3624	0.1065	67	-1.60	4%	1
011.02	Loss on Drying, HT, 130°C for 2 hours (%)	0417	7.710	0.3600	8.059	0.3752	0.1540	5			0
011.02	Loss on Drying, HT, 130°C for 2 hours (%)	0942	7.785	0.0900	8.059	0.3752	0.1540	5			0
011.02	Loss on Drying, HT, 130°C for 2 hours (%)	0529	7.875	0.0300	8.059	0.3752	0.1540	5			0
011.02	Loss on Drying, HT, 130°C for 2 hours (%)	2023	8.405	0.0500	8.059	0.3752	0.1540	5			0
011.02	Loss on Drying, HT, 130°C for 2 hours (%)	0852	8.520	0.2400	8.059	0.3752	0.1540	5			0
011.99	Loss on Drying, HT, High Temp. Methods Misc	2168	7.490	0.6000	7.712	0.1675	0.2493	4			0
011.99	Loss on Drying, HT, High Temp. Methods Misc	2174	7.700	0.1200	7.712	0.1675	0.2493	4			0
011.99	Loss on Drying, HT, High Temp. Methods Misc	2303	7.768	0.1370	7.712	0.1675	0.2493	4			0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs			
011.99	Loss on Drying, HT, High Temp. Methods Misc	0852	7.890	0.1400	7.712	0.1675	0.2493	4			0
012.00	Starch, Polarimetric (Ewers) (%)	0689	34.55	0.3000	35.79	0.7598	0.1877	14	-1.63	2%	0
012.00	Starch, Polarimetric (Ewers) (%)	2192	35.03	0.0100	35.79	0.7598	0.1877	14	-1.00	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	2193	35.12	0.0300	35.79	0.7598	0.1877	14	-0.89	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	2195	35.13	0.0500	35.79	0.7598	0.1877	14	-0.87	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	2196	35.15	0.0000	35.79	0.7598	0.1877	14	-0.84	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0848	35.64	0.2200	35.79	0.7598	0.1877	14	-0.19	0%	0
012.00	Starch, Polarimetric (Ewers) (%)	2009	35.86	0.1861	35.79	0.7598	0.1877	14	0.09	0%	0
012.00	Starch, Polarimetric (Ewers) (%)	0354	35.97	0.0000	35.79	0.7598	0.1877	14	0.24	0%	0
012.00	Starch, Polarimetric (Ewers) (%)	0619	36.20	0.2000	35.79	0.7598	0.1877	14	0.54	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	2188	36.25	0.1300	35.79	0.7598	0.1877	14	0.60	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	2181	36.31	0.2100	35.79	0.7598	0.1877	14	0.68	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	2023	36.40	0.4000	35.79	0.7598	0.1877	14	0.81	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0610	36.65	0.1000	35.79	0.7598	0.1877	14	1.13	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0910	36.70	0.6000	35.79	0.7598	0.1877	14	1.20	1%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megaz	0676	15.65	0.1000	34.84	1.108	1.078	10	-17.32	28%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megaz	0407	33.82	0.2763	34.84	1.108	1.078	10	-0.92	1%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megaz	0910	34.20	2.400	34.84	1.108	1.078	10	-0.58	1%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megaz	0148	34.44	1.010	34.84	1.108	1.078	10	-0.37	1%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megaz	2022	34.75	0.0200	34.84	1.108	1.078	10	-0.08	0%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megaz	0870	35.06	0.2017	34.84	1.108	1.078	10	0.20	0%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megaz	0045	35.25	0.1000	34.84	1.108	1.078	10	0.37	1%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megaz	0956	35.40	3.600	34.84	1.108	1.078	10	0.51	1%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megaz	0366	35.80	3.200	34.84	1.108	1.078	10	0.87	1%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megaz	2089	39.57	0.0300	34.84	1.108	1.078	10	4.26	7%	0
012.03	Starch, Enzymatic-Colorimetric Method, Miscell	0297	14.52	0.0800				3			0
012.03	Starch, Enzymatic-Colorimetric Method, Miscell	0407	30.83	0.5945				3			0
012.03	Starch, Enzymatic-Colorimetric Method, Miscell	2302	41.33	0.0000				3			0
012.03	Starch, Enzymatic-Colorimetric Method, Miscell	0889	0.0000	0.0000				3			4
012.04	Starch, Enzymatic-Enzyme Membrane Technol	0226	33.67	0.3100	34.87	0.9710	1.197	7	-1.24	2%	0
012.04	Starch, Enzymatic-Enzyme Membrane Technol	0674	34.22	0.0000	34.87	0.9710	1.197	7	-0.67	1%	0
012.04	Starch, Enzymatic-Enzyme Membrane Technol	0510	34.60	0.6000	34.87	0.9710	1.197	7	-0.28	0%	0
012.04	Starch, Enzymatic-Enzyme Membrane Technol	0278	34.80	1.600	34.87	0.9710	1.197	7	-0.07	0%	0
012.04	Starch, Enzymatic-Enzyme Membrane Technol	2129	35.08	1.084	34.87	0.9710	1.197	7	0.22	0%	0
012.04	Starch, Enzymatic-Enzyme Membrane Technol	0098	35.40	2.400	34.87	0.9710	1.197	7	0.55	1%	0
012.04	Starch, Enzymatic-Enzyme Membrane Technol	0948	38.75	1.190	34.87	0.9710	1.197	7	3.99	6%	0
012.11	Starch, NIR (%)	0297	8.300	0.5600				2			0
012.11	Starch, NIR (%)	0889	37.95	0.0500				2			0
012.20	Starch, Dietary, Enzymatic-Colorimetric (%)	0353	33.26	0.5600				1			0
012.99	Starch, Miscellaneous (%)	2319	34.85	0.1000				1			0
013.00	Fat, Pretreat, Acid hydrolysis (%)	0297	6.000	0.2600	13.50	0.5842	0.2475	35	-12.84	28%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	2345	11.74	1.240	13.50	0.5842	0.2475	35	-3.01	7%	0

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			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
013.00	Fat, Pretreat, Acid hydrolysis (%)	2076	12.02	0.0216	13.50	0.5842	0.2475	35	-2.54	5%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	0618	12.72	0.1398	13.50	0.5842	0.2475	35	-1.33	3%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	0941	12.75	0.1500	13.50	0.5842	0.2475	35	-1.29	3%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	2393	12.91	0.3900	13.50	0.5842	0.2475	35	-1.02	2%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	2436	13.02	0.7000	13.50	0.5842	0.2475	35	-0.82	2%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	2438	13.06	0.4100	13.50	0.5842	0.2475	35	-0.76	2%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	0242	13.16	0.3400	13.50	0.5842	0.2475	35	-0.58	1%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	0650	13.20	0.3100	13.50	0.5842	0.2475	35	-0.52	1%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	2437	13.29	0.0100	13.50	0.5842	0.2475	35	-0.37	1%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	2439	13.29	0.1300	13.50	0.5842	0.2475	35	-0.37	1%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	2429	13.31	0.3100	13.50	0.5842	0.2475	35	-0.33	1%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	0229	13.40	0.0900	13.50	0.5842	0.2475	35	-0.18	0%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	2435	13.42	0.0200	13.50	0.5842	0.2475	35	-0.14	0%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	0689	13.50	0.4000	13.50	0.5842	0.2475	35	0.00	0%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	0884	13.50	0.0000	13.50	0.5842	0.2475	35	0.00	0%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	0541	13.52	0.1800	13.50	0.5842	0.2475	35	0.03	0%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	0948	13.55	0.1300	13.50	0.5842	0.2475	35	0.08	0%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	2319	13.55	1.100	13.50	0.5842	0.2475	35	0.09	0%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	0309	13.64	0.0180	13.50	0.5842	0.2475	35	0.24	1%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	2016	13.72	0.5600	13.50	0.5842	0.2475	35	0.38	1%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	2361	13.73	0.0000	13.50	0.5842	0.2475	35	0.39	1%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	2023	13.74	0.0100	13.50	0.5842	0.2475	35	0.40	1%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	0083	13.75	0.4400	13.50	0.5842	0.2475	35	0.43	1%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	2220	13.79	0.0600	13.50	0.5842	0.2475	35	0.50	1%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	2252	13.79	0.3600	13.50	0.5842	0.2475	35	0.50	1%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	2089	13.83	0.2500	13.50	0.5842	0.2475	35	0.56	1%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	2330	13.87	0.2200	13.50	0.5842	0.2475	35	0.63	1%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	0202	14.05	0.1000	13.50	0.5842	0.2475	35	0.94	2%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	2373	14.13	0.3200	13.50	0.5842	0.2475	35	1.08	2%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	2150	14.37	0.0300	13.50	0.5842	0.2475	35	1.48	3%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	2375	14.59	0.0200	13.50	0.5842	0.2475	35	1.87	4%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	0035	15.02	0.2000	13.50	0.5842	0.2475	35	2.60	6%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	0596	19.93	1.340	13.50	0.5842	0.2475	35	11.01	24%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	0139	14.84	1.780	13.50	0.5842	0.2475	35	2.29	5%	1
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolys	0038	9.980	0.0400	13.61	0.6897	0.1786	38	-5.27	13%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolys	2312	11.03	0.9300	13.61	0.6897	0.1786	38	-3.75	10%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolys	2424	11.13	1.120	13.61	0.6897	0.1786	38	-3.60	9%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolys	2122	11.94	0.0100	13.61	0.6897	0.1786	38	-2.43	6%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolys	2033	12.15	0.0000	13.61	0.6897	0.1786	38	-2.12	5%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolys	0643	12.40	0.0800	13.61	0.6897	0.1786	38	-1.76	4%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolys	0017	12.80	0.0000	13.61	0.6897	0.1786	38	-1.18	3%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolys	2259	12.98	0.1430	13.61	0.6897	0.1786	38	-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	
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolys	2359	13.00	0.0000	13.61	0.6897	0.1786	38	-0.89	2%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolys	0208	13.40	0.2000	13.61	0.6897	0.1786	38	-0.31	1%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolys	0921	13.50	0.1510	13.61	0.6897	0.1786	38	-0.16	0%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolys	0019	13.55	0.0000	13.61	0.6897	0.1786	38	-0.09	0%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolys	0853	13.60	0.2000	13.61	0.6897	0.1786	38	-0.02	0%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolys	2408	13.61	0.0800	13.61	0.6897	0.1786	38	0.00	0%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolys	2422	13.63	0.2200	13.61	0.6897	0.1786	38	0.03	0%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolys	2419	13.65	0.2700	13.61	0.6897	0.1786	38	0.05	0%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolys	2156	13.66	0.6600	13.61	0.6897	0.1786	38	0.07	0%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolys	0682	13.67	0.0000	13.61	0.6897	0.1786	38	0.08	0%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolys	0098	13.70	0.1400	13.61	0.6897	0.1786	38	0.13	0%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolys	2416	13.70	0.1200	13.61	0.6897	0.1786	38	0.13	0%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolys	0004	13.71	0.7700	13.61	0.6897	0.1786	38	0.13	0%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolys	2417	13.79	0.0700	13.61	0.6897	0.1786	38	0.25	1%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolys	0914	13.80	0.1300	13.61	0.6897	0.1786	38	0.27	1%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolys	1021	13.81	0.0300	13.61	0.6897	0.1786	38	0.28	1%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolys	2420	13.81	0.0400	13.61	0.6897	0.1786	38	0.29	1%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolys	0870	13.84	0.4809	13.61	0.6897	0.1786	38	0.33	1%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolys	2426	13.86	0.0900	13.61	0.6897	0.1786	38	0.35	1%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolys	2421	13.89	0.1000	13.61	0.6897	0.1786	38	0.40	1%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolys	2362	13.92	0.1500	13.61	0.6897	0.1786	38	0.44	1%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolys	1022	13.94	0.0900	13.61	0.6897	0.1786	38	0.47	1%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolys	2398	13.94	0.1800	13.61	0.6897	0.1786	38	0.48	1%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolys	0148	13.96	0.3000	13.61	0.6897	0.1786	38	0.50	1%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolys	0553	14.39	0.2200	13.61	0.6897	0.1786	38	1.13	3%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolys	0171	14.40	0.0100	13.61	0.6897	0.1786	38	1.14	3%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolys	0676	14.54	0.0300	13.61	0.6897	0.1786	38	1.34	3%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolys	0407	14.56	0.2870	13.61	0.6897	0.1786	38	1.38	3%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolys	2452	14.58	0.1200	13.61	0.6897	0.1786	38	1.40	4%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolys	2399	14.90	1.210	13.61	0.6897	0.1786	38	1.86	5%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolys	0139	14.84	1.780	13.61	0.6897	0.1786	38	1.78	5%	1
013.03	Fat, Pretreat, Roesse-Gottlieb, Alkaline Hydrolys	2250	13.35	0.7000				1			0
013.08	Fat, Pretreat, Roesse-Gottlieb Modified, Alkaline	0618	11.82	0.0056				1			0
013.10	Fat, Pretreat, Soxtec-Acid Hydrolysis (%)	2188	11.53	0.0000	13.19	0.5950	0.2261	9	-2.79	6%	0
013.10	Fat, Pretreat, Soxtec-Acid Hydrolysis (%)	2124	12.79	0.3500	13.19	0.5950	0.2261	9	-0.68	2%	0
013.10	Fat, Pretreat, Soxtec-Acid Hydrolysis (%)	0036	12.91	0.2863	13.19	0.5950	0.2261	9	-0.47	1%	0
013.10	Fat, Pretreat, Soxtec-Acid Hydrolysis (%)	0845	13.04	0.1200	13.19	0.5950	0.2261	9	-0.25	1%	0
013.10	Fat, Pretreat, Soxtec-Acid Hydrolysis (%)	0353	13.19	0.0500	13.19	0.5950	0.2261	9	0.00	0%	0
013.10	Fat, Pretreat, Soxtec-Acid Hydrolysis (%)	2349	13.20	0.2000	13.19	0.5950	0.2261	9	0.02	0%	0
013.10	Fat, Pretreat, Soxtec-Acid Hydrolysis (%)	0610	13.45	0.0000	13.19	0.5950	0.2261	9	0.44	1%	0
013.10	Fat, Pretreat, Soxtec-Acid Hydrolysis (%)	2196	13.74	0.0000	13.19	0.5950	0.2261	9	0.93	2%	0
013.10	Fat, Pretreat, Soxtec-Acid Hydrolysis (%)	0028	14.29	0.3500	13.19	0.5950	0.2261	9	1.85	4%	0

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			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
013.13	Fat, Pretreat, Ankom- Acid Hydrolysis (%)	0505	12.21	0.0100	13.55	0.5472	0.3612	13	-2.45	5%	0
013.13	Fat, Pretreat, Ankom- Acid Hydrolysis (%)	2129	13.05	0.0262	13.55	0.5472	0.3612	13	-0.91	2%	0
013.13	Fat, Pretreat, Ankom- Acid Hydrolysis (%)	0581	13.14	0.0700	13.55	0.5472	0.3612	13	-0.75	2%	0
013.13	Fat, Pretreat, Ankom- Acid Hydrolysis (%)	0354	13.15	0.0000	13.55	0.5472	0.3612	13	-0.72	1%	0
013.13	Fat, Pretreat, Ankom- Acid Hydrolysis (%)	0074	13.37	1.520	13.55	0.5472	0.3612	13	-0.32	1%	0
013.13	Fat, Pretreat, Ankom- Acid Hydrolysis (%)	0511	13.43	0.2800	13.55	0.5472	0.3612	13	-0.21	0%	0
013.13	Fat, Pretreat, Ankom- Acid Hydrolysis (%)	0939	13.51	0.3700	13.55	0.5472	0.3612	13	-0.07	0%	0
013.13	Fat, Pretreat, Ankom- Acid Hydrolysis (%)	0034	13.56	0.0100	13.55	0.5472	0.3612	13	0.02	0%	0
013.13	Fat, Pretreat, Ankom- Acid Hydrolysis (%)	0019	13.71	0.1300	13.55	0.5472	0.3612	13	0.29	1%	0
013.13	Fat, Pretreat, Ankom- Acid Hydrolysis (%)	0407	13.83	0.8019	13.55	0.5472	0.3612	13	0.53	1%	0
013.13	Fat, Pretreat, Ankom- Acid Hydrolysis (%)	0968	14.03	0.4400	13.55	0.5472	0.3612	13	0.89	2%	0
013.13	Fat, Pretreat, Ankom- Acid Hydrolysis (%)	0843	14.24	0.6800	13.55	0.5472	0.3612	13	1.27	3%	0
013.13	Fat, Pretreat, Ankom- Acid Hydrolysis (%)	0009	14.50	0.6000	13.55	0.5472	0.3612	13	1.74	4%	0
013.13	Fat, Pretreat, Ankom- Acid Hydrolysis (%)	2433	12.74	2.487	13.55	0.5472	0.3612	13	-1.47	3%	1
014.01	Fiber, Total Dietary, Enz-Grav (%)	0227	10.70	0.0000				1			0
015.41	Aluminum, ICP, Dry ash (ppm)	0049	63.88	4.310				2			0
015.41	Aluminum, ICP, Dry ash (ppm)	0407	102.2	3.520				2			0
015.42	Aluminum, ICP, Open vessel (ppm)	0037	47.10	2.400				3			0
015.42	Aluminum, ICP, Open vessel (ppm)	0692	52.50	39.00				3			0
015.42	Aluminum, ICP, Open vessel (ppm)	2129	81.92	1.060				3			0
015.43	Aluminum, ICP, Microwave (ppm)	0297	95.00	4.000	110.1	17.34	2.657	6	-0.87	7%	0
015.43	Aluminum, ICP, Microwave (ppm)	0510	96.50	1.000	110.1	17.34	2.657	6	-0.79	6%	0
015.43	Aluminum, ICP, Microwave (ppm)	0169	105.0	2.000	110.1	17.34	2.657	6	-0.30	2%	0
015.43	Aluminum, ICP, Microwave (ppm)	0407	110.9	0.4498	110.1	17.34	2.657	6	0.04	0%	0
015.43	Aluminum, ICP, Microwave (ppm)	0345	117.3	2.100	110.1	17.34	2.657	6	0.41	3%	0
015.43	Aluminum, ICP, Microwave (ppm)	0353	154.5	7.000	110.1	17.34	2.657	6	2.56	20%	0
015.53	Aluminum, ICP-MS, Microwave (ppm)	0939	105.4	11.15				2			0
015.53	Aluminum, ICP-MS, Microwave (ppm)	0407	112.0	3.381				2			0
015.99	Aluminum, Miscellaneous (ppm)	0123	74.10	0.2000				1			0
017.41	Boron, ICP, Dry ash (ppm)	0049	2.305	0.9900	3.543	1.294	0.3635	4			0
017.41	Boron, ICP, Dry ash (ppm)	0358	2.785	0.0900	3.543	1.294	0.3635	4			0
017.41	Boron, ICP, Dry ash (ppm)	0407	3.860	0.2538	3.543	1.294	0.3635	4			0
017.41	Boron, ICP, Dry ash (ppm)	0226	5.220	0.1200	3.543	1.294	0.3635	4			0
017.41	Boron, ICP, Dry ash (ppm)	0229	5.625	2.890	3.543	1.294	0.3635	4			1
017.42	Boron, ICP, Open vessel (ppm)	2129	3.026	0.4610	3.499	0.3344	0.2603	4			0
017.42	Boron, ICP, Open vessel (ppm)	0693	3.505	0.2100	3.499	0.3344	0.2603	4			0
017.42	Boron, ICP, Open vessel (ppm)	0037	3.700	0.2000	3.499	0.3344	0.2603	4			0
017.42	Boron, ICP, Open vessel (ppm)	0045	3.765	0.1700	3.499	0.3344	0.2603	4			0
017.42	Boron, ICP, Open vessel (ppm)	0294	6.710	0.3000	3.499	0.3344	0.2603	4			2
017.43	Boron, ICP, Microwave (ppm)	0345	3.350	0.1000	4.147	0.6813	0.0906	4			0
017.43	Boron, ICP, Microwave (ppm)	0510	4.000	0.0000	4.147	0.6813	0.0906	4			0
017.43	Boron, ICP, Microwave (ppm)	0407	4.236	0.0812	4.147	0.6813	0.0906	4			0

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			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs			
017.43	Boron, ICP, Microwave (ppm)	0353	5.000	0.0000	4.147	0.6813	0.0906	4			0
017.43	Boron, ICP, Microwave (ppm)	0083	3.765	0.3300	4.147	0.6813	0.0906	4			1
017.53	Boron, ICP-MS, Microwave (ppm)	0407	3.895	0.0638				1			0
017.99	Boron, Miscellaneous (ppm)	0123	3.165	0.1100				1			0
019.00	Calcium, Ox-Mn04 Vol. (%)	2373	1.495	0.0500	1.560	0.0658	0.0476	6	-0.98	2%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2022	1.510	0.0000	1.560	0.0658	0.0476	6	-0.75	2%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0043	1.550	0.0250	1.560	0.0658	0.0476	6	-0.15	0%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2302	1.550	0.0000	1.560	0.0658	0.0476	6	-0.15	0%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2190	1.603	0.0678	1.560	0.0658	0.0476	6	0.65	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2181	1.650	0.0000	1.560	0.0658	0.0476	6	1.37	3%	0
019.02	Calcium, Hach Method (%)	0536	1.550	0.0400				1			0
019.08	Calcium, EDTA (%)	2200	1.445	0.0100	1.507	0.0524	0.0144	11	-1.18	2%	0
019.08	Calcium, EDTA (%)	2195	1.460	0.0200	1.507	0.0524	0.0144	11	-0.89	2%	0
019.08	Calcium, EDTA (%)	2193	1.465	0.0500	1.507	0.0524	0.0144	11	-0.80	1%	0
019.08	Calcium, EDTA (%)	2009	1.478	0.0039	1.507	0.0524	0.0144	11	-0.55	1%	0
019.08	Calcium, EDTA (%)	2434	1.480	0.0000	1.507	0.0524	0.0144	11	-0.51	1%	0
019.08	Calcium, EDTA (%)	2196	1.500	0.0000	1.507	0.0524	0.0144	11	-0.13	0%	0
019.08	Calcium, EDTA (%)	0689	1.510	0.0200	1.507	0.0524	0.0144	11	0.06	0%	0
019.08	Calcium, EDTA (%)	2392	1.545	0.0100	1.507	0.0524	0.0144	11	0.73	1%	0
019.08	Calcium, EDTA (%)	2188	1.550	0.0000	1.507	0.0524	0.0144	11	0.82	1%	0
019.08	Calcium, EDTA (%)	2340	1.557	0.0070	1.507	0.0524	0.0144	11	0.95	2%	0
019.08	Calcium, EDTA (%)	2337	1.640	0.0000	1.507	0.0524	0.0144	11	2.54	4%	0
019.08	Calcium, EDTA (%)	2199	1.465	0.1300	1.507	0.0524	0.0144	11	-0.80	1%	1
019.31	Calcium, AAS, Dry ash (%)	0018	1.275	0.0900	1.474	0.0976	0.0448	20	-2.04	7%	0
019.31	Calcium, AAS, Dry ash (%)	2453	1.380	0.0270	1.474	0.0976	0.0448	20	-0.97	3%	0
019.31	Calcium, AAS, Dry ash (%)	2246	1.380	0.0000	1.474	0.0976	0.0448	20	-0.96	3%	0
019.31	Calcium, AAS, Dry ash (%)	2325	1.380	0.0000	1.474	0.0976	0.0448	20	-0.96	3%	0
019.31	Calcium, AAS, Dry ash (%)	0536	1.385	0.0300	1.474	0.0976	0.0448	20	-0.91	3%	0
019.31	Calcium, AAS, Dry ash (%)	0939	1.390	0.0800	1.474	0.0976	0.0448	20	-0.86	3%	0
019.31	Calcium, AAS, Dry ash (%)	0622	1.430	0.0201	1.474	0.0976	0.0448	20	-0.44	1%	0
019.31	Calcium, AAS, Dry ash (%)	0208	1.435	0.0900	1.474	0.0976	0.0448	20	-0.40	1%	0
019.31	Calcium, AAS, Dry ash (%)	0142	1.469	0.0325	1.474	0.0976	0.0448	20	-0.05	0%	0
019.31	Calcium, AAS, Dry ash (%)	0038	1.470	0.0200	1.474	0.0976	0.0448	20	-0.04	0%	0
019.31	Calcium, AAS, Dry ash (%)	0884	1.480	0.0400	1.474	0.0976	0.0448	20	0.06	0%	0
019.31	Calcium, AAS, Dry ash (%)	0948	1.480	0.0000	1.474	0.0976	0.0448	20	0.06	0%	0
019.31	Calcium, AAS, Dry ash (%)	0001	1.481	0.0830	1.474	0.0976	0.0448	20	0.07	0%	0
019.31	Calcium, AAS, Dry ash (%)	2196	1.510	0.0000	1.474	0.0976	0.0448	20	0.37	1%	0
019.31	Calcium, AAS, Dry ash (%)	0529	1.545	0.0100	1.474	0.0976	0.0448	20	0.73	2%	0
019.31	Calcium, AAS, Dry ash (%)	0651	1.545	0.0863	1.474	0.0976	0.0448	20	0.73	2%	0
019.31	Calcium, AAS, Dry ash (%)	0563	1.563	0.0186	1.474	0.0976	0.0448	20	0.92	3%	0
019.31	Calcium, AAS, Dry ash (%)	0687	1.590	0.0400	1.474	0.0976	0.0448	20	1.19	4%	0
019.31	Calcium, AAS, Dry ash (%)	0108	1.615	0.0300	1.474	0.0976	0.0448	20	1.45	5%	0

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019.31	Calcium, AAS, Dry ash (%)	0596	1.650	0.0200	1.474	0.0976	0.0448	20	1.81	6%	0
019.32	Calcium, AAS, Open vessel (%)	0169	1.495	0.0100				1			0
019.41	Calcium, ICP, Dry ash (%)	0066	1.396	0.0770	1.511	0.0465	0.0328	26	-2.49	4%	0
019.41	Calcium, ICP, Dry ash (%)	2398	1.420	0.0000	1.511	0.0465	0.0328	26	-1.96	3%	0
019.41	Calcium, ICP, Dry ash (%)	0358	1.435	0.0100	1.511	0.0465	0.0328	26	-1.64	3%	0
019.41	Calcium, ICP, Dry ash (%)	0619	1.460	0.0200	1.511	0.0465	0.0328	26	-1.10	2%	0
019.41	Calcium, ICP, Dry ash (%)	0139	1.470	0.0000	1.511	0.0465	0.0328	26	-0.88	1%	0
019.41	Calcium, ICP, Dry ash (%)	0144	1.470	0.0600	1.511	0.0465	0.0328	26	-0.88	1%	0
019.41	Calcium, ICP, Dry ash (%)	0004	1.480	0.0600	1.511	0.0465	0.0328	26	-0.67	1%	0
019.41	Calcium, ICP, Dry ash (%)	0910	1.485	0.1100	1.511	0.0465	0.0328	26	-0.56	1%	0
019.41	Calcium, ICP, Dry ash (%)	0098	1.495	0.0100	1.511	0.0465	0.0328	26	-0.35	1%	0
019.41	Calcium, ICP, Dry ash (%)	0171	1.500	0.0000	1.511	0.0465	0.0328	26	-0.24	0%	0
019.41	Calcium, ICP, Dry ash (%)	0019	1.505	0.0300	1.511	0.0465	0.0328	26	-0.13	0%	0
019.41	Calcium, ICP, Dry ash (%)	0848	1.510	0.0200	1.511	0.0465	0.0328	26	-0.02	0%	0
019.41	Calcium, ICP, Dry ash (%)	1020	1.510	0.0600	1.511	0.0465	0.0328	26	-0.02	0%	0
019.41	Calcium, ICP, Dry ash (%)	0049	1.520	0.0400	1.511	0.0465	0.0328	26	0.19	0%	0
019.41	Calcium, ICP, Dry ash (%)	1022	1.525	0.0100	1.511	0.0465	0.0328	26	0.30	0%	0
019.41	Calcium, ICP, Dry ash (%)	1023	1.525	0.0100	1.511	0.0465	0.0328	26	0.30	0%	0
019.41	Calcium, ICP, Dry ash (%)	2399	1.530	0.0000	1.511	0.0465	0.0328	26	0.41	1%	0
019.41	Calcium, ICP, Dry ash (%)	1021	1.535	0.0100	1.511	0.0465	0.0328	26	0.51	1%	0
019.41	Calcium, ICP, Dry ash (%)	0674	1.540	0.0000	1.511	0.0465	0.0328	26	0.62	1%	0
019.41	Calcium, ICP, Dry ash (%)	0685	1.540	0.0400	1.511	0.0465	0.0328	26	0.62	1%	0
019.41	Calcium, ICP, Dry ash (%)	2259	1.540	0.0320	1.511	0.0465	0.0328	26	0.62	1%	0
019.41	Calcium, ICP, Dry ash (%)	0208	1.542	0.0200	1.511	0.0465	0.0328	26	0.67	1%	0
019.41	Calcium, ICP, Dry ash (%)	0148	1.555	0.0700	1.511	0.0465	0.0328	26	0.94	1%	0
019.41	Calcium, ICP, Dry ash (%)	0407	1.567	0.0134	1.511	0.0465	0.0328	26	1.20	2%	0
019.41	Calcium, ICP, Dry ash (%)	0598	1.579	0.0067	1.511	0.0465	0.0328	26	1.46	2%	0
019.41	Calcium, ICP, Dry ash (%)	0226	1.610	0.0200	1.511	0.0465	0.0328	26	2.13	3%	0
019.41	Calcium, ICP, Dry ash (%)	0229	1.545	0.1500	1.511	0.0465	0.0328	26	0.73	1%	1
019.42	Calcium, ICP, Open vessel (%)	0026	1.169	0.3380	1.544	0.1249	0.0562	20	-3.00	12%	0
019.42	Calcium, ICP, Open vessel (%)	2319	1.400	0.0000	1.544	0.1249	0.0562	20	-1.15	5%	0
019.42	Calcium, ICP, Open vessel (%)	0357	1.413	0.0247	1.544	0.1249	0.0562	20	-1.05	4%	0
019.42	Calcium, ICP, Open vessel (%)	0263	1.420	0.0160	1.544	0.1249	0.0562	20	-0.99	4%	0
019.42	Calcium, ICP, Open vessel (%)	2129	1.430	0.0090	1.544	0.1249	0.0562	20	-0.92	4%	0
019.42	Calcium, ICP, Open vessel (%)	0294	1.475	0.0300	1.544	0.1249	0.0562	20	-0.55	2%	0
019.42	Calcium, ICP, Open vessel (%)	0692	1.485	0.3300	1.544	0.1249	0.0562	20	-0.47	2%	0
019.42	Calcium, ICP, Open vessel (%)	0504	1.505	0.2300	1.544	0.1249	0.0562	20	-0.31	1%	0
019.42	Calcium, ICP, Open vessel (%)	0278	1.520	0.0800	1.544	0.1249	0.0562	20	-0.19	1%	0
019.42	Calcium, ICP, Open vessel (%)	0366	1.525	0.0100	1.544	0.1249	0.0562	20	-0.15	1%	0
019.42	Calcium, ICP, Open vessel (%)	0037	1.568	0.0310	1.544	0.1249	0.0562	20	0.19	1%	0
019.42	Calcium, ICP, Open vessel (%)	0693	1.569	0.0110	1.544	0.1249	0.0562	20	0.20	1%	0
019.42	Calcium, ICP, Open vessel (%)	0870	1.582	0.0390	1.544	0.1249	0.0562	20	0.30	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
019.42	Calcium, ICP, Open vessel (%)	0045	1.590	0.0200	1.544	0.1249	0.0562	20	0.37	1%	0
019.42	Calcium, ICP, Open vessel (%)	0186	1.603	0.0129	1.544	0.1249	0.0562	20	0.48	2%	0
019.42	Calcium, ICP, Open vessel (%)	0042	1.635	0.0700	1.544	0.1249	0.0562	20	0.73	3%	0
019.42	Calcium, ICP, Open vessel (%)	2375	1.660	0.1200	1.544	0.1249	0.0562	20	0.93	4%	0
019.42	Calcium, ICP, Open vessel (%)	0190	1.680	0.0000	1.544	0.1249	0.0562	20	1.09	4%	0
019.42	Calcium, ICP, Open vessel (%)	0726	1.730	0.0400	1.544	0.1249	0.0562	20	1.49	6%	0
019.42	Calcium, ICP, Open vessel (%)	2433	2.058	0.0820	1.544	0.1249	0.0562	20	4.12	17%	0
019.43	Calcium, ICP, Microwave (%)	0089	1.300	0.0000	1.526	0.0771	0.0272	35	-2.93	7%	0
019.43	Calcium, ICP, Microwave (%)	0297	1.300	0.0000	1.526	0.0771	0.0272	35	-2.93	7%	0
019.43	Calcium, ICP, Microwave (%)	2443	1.419	0.0004	1.526	0.0771	0.0272	35	-1.39	3%	0
019.43	Calcium, ICP, Microwave (%)	2435	1.430	0.0500	1.526	0.0771	0.0272	35	-1.24	3%	0
019.43	Calcium, ICP, Microwave (%)	0968	1.449	0.0070	1.526	0.0771	0.0272	35	-1.00	3%	0
019.43	Calcium, ICP, Microwave (%)	0083	1.455	0.0100	1.526	0.0771	0.0272	35	-0.92	2%	0
019.43	Calcium, ICP, Microwave (%)	2438	1.474	0.0189	1.526	0.0771	0.0272	35	-0.67	2%	0
019.43	Calcium, ICP, Microwave (%)	0610	1.475	0.0500	1.526	0.0771	0.0272	35	-0.66	2%	0
019.43	Calcium, ICP, Microwave (%)	0017	1.477	0.0112	1.526	0.0771	0.0272	35	-0.63	2%	0
019.43	Calcium, ICP, Microwave (%)	0511	1.480	0.0200	1.526	0.0771	0.0272	35	-0.59	1%	0
019.43	Calcium, ICP, Microwave (%)	2436	1.485	0.0398	1.526	0.0771	0.0272	35	-0.52	1%	0
019.43	Calcium, ICP, Microwave (%)	2192	1.490	0.0200	1.526	0.0771	0.0272	35	-0.46	1%	0
019.43	Calcium, ICP, Microwave (%)	0036	1.493	0.0435	1.526	0.0771	0.0272	35	-0.42	1%	0
019.43	Calcium, ICP, Microwave (%)	2429	1.500	0.0287	1.526	0.0771	0.0272	35	-0.33	1%	0
019.43	Calcium, ICP, Microwave (%)	0027	1.503	0.0085	1.526	0.0771	0.0272	35	-0.29	1%	0
019.43	Calcium, ICP, Microwave (%)	2439	1.513	0.0271	1.526	0.0771	0.0272	35	-0.17	0%	0
019.43	Calcium, ICP, Microwave (%)	0354	1.518	0.0010	1.526	0.0771	0.0272	35	-0.10	0%	0
019.43	Calcium, ICP, Microwave (%)	0098	1.525	0.0300	1.526	0.0771	0.0272	35	-0.01	0%	0
019.43	Calcium, ICP, Microwave (%)	0226	1.530	0.0200	1.526	0.0771	0.0272	35	0.06	0%	0
019.43	Calcium, ICP, Microwave (%)	0010	1.535	0.0300	1.526	0.0771	0.0272	35	0.12	0%	0
019.43	Calcium, ICP, Microwave (%)	0035	1.535	0.0100	1.526	0.0771	0.0272	35	0.12	0%	0
019.43	Calcium, ICP, Microwave (%)	2089	1.535	0.0100	1.526	0.0771	0.0272	35	0.12	0%	0
019.43	Calcium, ICP, Microwave (%)	2437	1.544	0.0244	1.526	0.0771	0.0272	35	0.24	1%	0
019.43	Calcium, ICP, Microwave (%)	2124	1.550	0.0000	1.526	0.0771	0.0272	35	0.32	1%	0
019.43	Calcium, ICP, Microwave (%)	0407	1.553	0.0159	1.526	0.0771	0.0272	35	0.35	1%	0
019.43	Calcium, ICP, Microwave (%)	0510	1.560	0.0000	1.526	0.0771	0.0272	35	0.45	1%	0
019.43	Calcium, ICP, Microwave (%)	0345	1.567	0.0120	1.526	0.0771	0.0272	35	0.54	1%	0
019.43	Calcium, ICP, Microwave (%)	0043	1.585	0.0500	1.526	0.0771	0.0272	35	0.77	2%	0
019.43	Calcium, ICP, Microwave (%)	0870	1.596	0.0880	1.526	0.0771	0.0272	35	0.91	2%	0
019.43	Calcium, ICP, Microwave (%)	0682	1.610	0.0000	1.526	0.0771	0.0272	35	1.10	3%	0
019.43	Calcium, ICP, Microwave (%)	0505	1.625	0.0300	1.526	0.0771	0.0272	35	1.29	3%	0
019.43	Calcium, ICP, Microwave (%)	0038	1.660	0.0800	1.526	0.0771	0.0272	35	1.74	4%	0
019.43	Calcium, ICP, Microwave (%)	0202	1.710	0.0600	1.526	0.0771	0.0272	35	2.39	6%	0
019.43	Calcium, ICP, Microwave (%)	2326	1.750	0.1000	1.526	0.0771	0.0272	35	2.91	7%	0
019.43	Calcium, ICP, Microwave (%)	0353	1.835	0.0100	1.526	0.0771	0.0272	35	4.02	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	
019.43	Calcium, ICP, Microwave (%)	2033	0.0150	0.0000	1.526	0.0771	0.0272	35	-19.60	50%	2
019.44	Calcium, ICP, Dry ash (%)	2420	1.345	0.2100	1.488	0.0416	0.0346	20	-3.45	5%	0
019.44	Calcium, ICP, Dry ash (%)	2421	1.430	0.0400	1.488	0.0416	0.0346	20	-1.40	2%	0
019.44	Calcium, ICP, Dry ash (%)	2422	1.435	0.0100	1.488	0.0416	0.0346	20	-1.28	2%	0
019.44	Calcium, ICP, Dry ash (%)	2426	1.455	0.0100	1.488	0.0416	0.0346	20	-0.80	1%	0
019.44	Calcium, ICP, Dry ash (%)	2452	1.465	0.0300	1.488	0.0416	0.0346	20	-0.56	1%	0
019.44	Calcium, ICP, Dry ash (%)	2252	1.470	0.0200	1.488	0.0416	0.0346	20	-0.44	1%	0
019.44	Calcium, ICP, Dry ash (%)	2419	1.470	0.0200	1.488	0.0416	0.0346	20	-0.44	1%	0
019.44	Calcium, ICP, Dry ash (%)	2424	1.470	0.0400	1.488	0.0416	0.0346	20	-0.44	1%	0
019.44	Calcium, ICP, Dry ash (%)	2445	1.480	0.0200	1.488	0.0416	0.0346	20	-0.20	0%	0
019.44	Calcium, ICP, Dry ash (%)	2417	1.490	0.0600	1.488	0.0416	0.0346	20	0.04	0%	0
019.44	Calcium, ICP, Dry ash (%)	2293	1.496	0.0620	1.488	0.0416	0.0346	20	0.18	0%	0
019.44	Calcium, ICP, Dry ash (%)	2361	1.497	0.0410	1.488	0.0416	0.0346	20	0.19	0%	0
019.44	Calcium, ICP, Dry ash (%)	2220	1.499	0.1160	1.488	0.0416	0.0346	20	0.25	0%	0
019.44	Calcium, ICP, Dry ash (%)	2408	1.500	0.0200	1.488	0.0416	0.0346	20	0.28	0%	0
019.44	Calcium, ICP, Dry ash (%)	2362	1.513	0.0120	1.488	0.0416	0.0346	20	0.59	1%	0
019.44	Calcium, ICP, Dry ash (%)	2330	1.517	0.0340	1.488	0.0416	0.0346	20	0.69	1%	0
019.44	Calcium, ICP, Dry ash (%)	2156	1.520	0.0400	1.488	0.0416	0.0346	20	0.76	1%	0
019.44	Calcium, ICP, Dry ash (%)	2416	1.535	0.0300	1.488	0.0416	0.0346	20	1.12	2%	0
019.44	Calcium, ICP, Dry ash (%)	0164	1.550	0.0000	1.488	0.0416	0.0346	20	1.48	2%	0
019.44	Calcium, ICP, Dry ash (%)	2114	1.555	0.0364	1.488	0.0416	0.0346	20	1.61	2%	0
019.44	Calcium, ICP, Dry ash (%)	1020	14.02	0.4500	1.488	0.0416	0.0346	20	>100	421%	2
019.52	Calcium, ICP-MS, Open vessel (%)	0186	1.488	0.0077				3			0
019.52	Calcium, ICP-MS, Open vessel (%)	0154	1.516	0.0283				3			0
019.52	Calcium, ICP-MS, Open vessel (%)	0047	1.546	0.0630				3			0
019.53	Calcium, ICP-MS, Microwave (%)	0939	1.415	0.0700	1.510	0.0714	0.0401	4			0
019.53	Calcium, ICP-MS, Microwave (%)	2428	1.500	0.0800	1.510	0.0714	0.0401	4			0
019.53	Calcium, ICP-MS, Microwave (%)	2409	1.545	0.0100	1.510	0.0714	0.0401	4			0
019.53	Calcium, ICP-MS, Microwave (%)	0407	1.580	0.0002	1.510	0.0714	0.0401	4			0
019.99	Calcium, Miscellaneous (%)	0242	1.405	0.0300	1.455	0.0576	0.0300	5			0
019.99	Calcium, Miscellaneous (%)	2302	1.415	0.0100	1.455	0.0576	0.0300	5			0
019.99	Calcium, Miscellaneous (%)	0676	1.420	0.0400	1.455	0.0576	0.0300	5			0
019.99	Calcium, Miscellaneous (%)	0123	1.510	0.0200	1.455	0.0576	0.0300	5			0
019.99	Calcium, Miscellaneous (%)	0100	1.525	0.0500	1.455	0.0576	0.0300	5			0
021.31	Cobalt, AAS, Dry ash (ppm)	0939	2.000	0.0000				2			0
021.31	Cobalt, AAS, Dry ash (ppm)	0563	2.060	0.0520				2			0
021.41	Cobalt, ICP, Dry ash (ppm)	0619	1.125	0.0300	1.840	0.4836	0.0712	6	-1.48	19%	0
021.41	Cobalt, ICP, Dry ash (ppm)	0171	1.585	0.0100	1.840	0.4836	0.0712	6	-0.53	7%	0
021.41	Cobalt, ICP, Dry ash (ppm)	0164	1.900	0.0000	1.840	0.4836	0.0712	6	0.12	2%	0
021.41	Cobalt, ICP, Dry ash (ppm)	0407	1.962	0.1640	1.840	0.4836	0.0712	6	0.25	3%	0
021.41	Cobalt, ICP, Dry ash (ppm)	0066	2.188	0.0720	1.840	0.4836	0.0712	6	0.72	9%	0
021.41	Cobalt, ICP, Dry ash (ppm)	0148	2.280	0.0800	1.840	0.4836	0.0712	6	0.91	12%	0

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			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs			
021.42	Cobalt, ICP, Open vessel (ppm)	0693	0.8450	0.0980				3			0
021.42	Cobalt, ICP, Open vessel (ppm)	0045	1.150	0.0000				3			0
021.42	Cobalt, ICP, Open vessel (ppm)	0366	1.300	0.4000				3			0
021.42	Cobalt, ICP, Open vessel (ppm)	2433	3.341	2.092				3			1
021.43	Cobalt, ICP, Microwave (ppm)	0682	1.900	0.0000	2.037	0.0975	0.0926	5			0
021.43	Cobalt, ICP, Microwave (ppm)	2326	2.000	0.2000	2.037	0.0975	0.0926	5			0
021.43	Cobalt, ICP, Microwave (ppm)	0510	2.025	0.0900	2.037	0.0975	0.0926	5			0
021.43	Cobalt, ICP, Microwave (ppm)	0407	2.108	0.0405	2.037	0.0975	0.0926	5			0
021.43	Cobalt, ICP, Microwave (ppm)	0169	2.150	0.0400	2.037	0.0975	0.0926	5			0
021.52	Cobalt, ICP-MS, Open vessel (ppm)	0910	0.5150	0.0300				2			0
021.52	Cobalt, ICP-MS, Open vessel (ppm)	0186	0.7437	0.0010				2			0
021.53	Cobalt, ICP-MS, Microwave (ppm)	2428	1.880	0.2200	2.054	0.1232	0.1203	4			0
021.53	Cobalt, ICP-MS, Microwave (ppm)	0407	2.077	0.0013	2.054	0.1232	0.1203	4			0
021.53	Cobalt, ICP-MS, Microwave (ppm)	0939	2.090	0.1200	2.054	0.1232	0.1203	4			0
021.53	Cobalt, ICP-MS, Microwave (ppm)	0610	2.170	0.1400	2.054	0.1232	0.1203	4			0
021.99	Cobalt, Miscellaneous (ppm)	0123	2.090	0.1200				1			0
022.31	Copper, AAS, Dry ash (ppm)	0536	11.48	2.550	13.84	1.768	0.6446	10	-1.34	9%	0
022.31	Copper, AAS, Dry ash (ppm)	2188	12.27	0.4900	13.84	1.768	0.6446	10	-0.89	6%	0
022.31	Copper, AAS, Dry ash (ppm)	2246	12.85	0.0100	13.84	1.768	0.6446	10	-0.56	4%	0
022.31	Copper, AAS, Dry ash (ppm)	0651	13.02	1.129	13.84	1.768	0.6446	10	-0.46	3%	0
022.31	Copper, AAS, Dry ash (ppm)	2196	13.21	0.0000	13.84	1.768	0.6446	10	-0.35	2%	0
022.31	Copper, AAS, Dry ash (ppm)	0689	14.00	0.6000	13.84	1.768	0.6446	10	0.09	1%	0
022.31	Copper, AAS, Dry ash (ppm)	0939	14.50	1.000	13.84	1.768	0.6446	10	0.38	2%	0
022.31	Copper, AAS, Dry ash (ppm)	0529	15.00	0.2000	13.84	1.768	0.6446	10	0.66	4%	0
022.31	Copper, AAS, Dry ash (ppm)	0208	15.55	0.3000	13.84	1.768	0.6446	10	0.97	6%	0
022.31	Copper, AAS, Dry ash (ppm)	0622	32.87	0.6357	13.84	1.768	0.6446	10	10.77	69%	0
022.31	Copper, AAS, Dry ash (ppm)	0563	< 25		13.84	1.768	0.6446	10			5
022.32	Copper, AAS, Open vessel (ppm)	0038	5.900	0.0800				1			0
022.33	Copper, AAS, Microwave (ppm)	0948	15.37	0.1000				2			0
022.33	Copper, AAS, Microwave (ppm)	0010	16.85	0.5000				2			0
022.41	Copper, ICP, Dry ash (ppm)	0049	8.110	0.1400	12.38	2.226	0.7791	19	-1.92	17%	0
022.41	Copper, ICP, Dry ash (ppm)	0848	9.674	0.3480	12.38	2.226	0.7791	19	-1.22	11%	0
022.41	Copper, ICP, Dry ash (ppm)	0004	9.735	0.9100	12.38	2.226	0.7791	19	-1.19	11%	0
022.41	Copper, ICP, Dry ash (ppm)	0619	10.03	0.1500	12.38	2.226	0.7791	19	-1.06	10%	0
022.41	Copper, ICP, Dry ash (ppm)	0229	10.56	3.590	12.38	2.226	0.7791	19	-0.82	7%	0
022.41	Copper, ICP, Dry ash (ppm)	0674	10.67	0.0000	12.38	2.226	0.7791	19	-0.77	7%	0
022.41	Copper, ICP, Dry ash (ppm)	0358	11.74	0.6900	12.38	2.226	0.7791	19	-0.29	3%	0
022.41	Copper, ICP, Dry ash (ppm)	0098	11.84	0.3100	12.38	2.226	0.7791	19	-0.25	2%	0
022.41	Copper, ICP, Dry ash (ppm)	1023	12.11	0.3400	12.38	2.226	0.7791	19	-0.12	1%	0
022.41	Copper, ICP, Dry ash (ppm)	0019	12.80	3.160	12.38	2.226	0.7791	19	0.19	2%	0
022.41	Copper, ICP, Dry ash (ppm)	2399	13.16	1.160	12.38	2.226	0.7791	19	0.35	3%	0
022.41	Copper, ICP, Dry ash (ppm)	0139	13.23	0.0000	12.38	2.226	0.7791	19	0.38	3%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
022.41	Copper, ICP, Dry ash (ppm)	0226	13.50	0.6100	12.38	2.226	0.7791	19	0.50	4%	0
022.41	Copper, ICP, Dry ash (ppm)	0910	14.00	0.0000	12.38	2.226	0.7791	19	0.73	7%	0
022.41	Copper, ICP, Dry ash (ppm)	2398	14.22	0.8500	12.38	2.226	0.7791	19	0.82	7%	0
022.41	Copper, ICP, Dry ash (ppm)	0208	14.56	1.560	12.38	2.226	0.7791	19	0.98	9%	0
022.41	Copper, ICP, Dry ash (ppm)	0407	14.59	0.1982	12.38	2.226	0.7791	19	0.99	9%	0
022.41	Copper, ICP, Dry ash (ppm)	0598	14.91	1.407	12.38	2.226	0.7791	19	1.14	10%	0
022.41	Copper, ICP, Dry ash (ppm)	0148	14.93	0.2057	12.38	2.226	0.7791	19	1.15	10%	0
022.42	Copper, ICP, Open vessel (ppm)	0026	11.68	3.540	15.93	1.258	0.5067	20	-3.39	13%	0
022.42	Copper, ICP, Open vessel (ppm)	0357	14.06	0.1100	15.93	1.258	0.5067	20	-1.49	6%	0
022.42	Copper, ICP, Open vessel (ppm)	0366	14.50	1.000	15.93	1.258	0.5067	20	-1.14	4%	0
022.42	Copper, ICP, Open vessel (ppm)	0692	15.00	0.0000	15.93	1.258	0.5067	20	-0.74	3%	0
022.42	Copper, ICP, Open vessel (ppm)	2319	15.05	0.1000	15.93	1.258	0.5067	20	-0.70	3%	0
022.42	Copper, ICP, Open vessel (ppm)	0045	15.25	0.5000	15.93	1.258	0.5067	20	-0.54	2%	0
022.42	Copper, ICP, Open vessel (ppm)	0870	15.25	0.5600	15.93	1.258	0.5067	20	-0.54	2%	0
022.42	Copper, ICP, Open vessel (ppm)	0294	15.45	0.7600	15.93	1.258	0.5067	20	-0.38	2%	0
022.42	Copper, ICP, Open vessel (ppm)	2129	15.60	0.0400	15.93	1.258	0.5067	20	-0.27	1%	0
022.42	Copper, ICP, Open vessel (ppm)	0186	15.89	0.6600	15.93	1.258	0.5067	20	-0.03	0%	0
022.42	Copper, ICP, Open vessel (ppm)	2375	16.00	2.000	15.93	1.258	0.5067	20	0.05	0%	0
022.42	Copper, ICP, Open vessel (ppm)	0190	16.32	0.0200	15.93	1.258	0.5067	20	0.31	1%	0
022.42	Copper, ICP, Open vessel (ppm)	0504	16.55	3.100	15.93	1.258	0.5067	20	0.49	2%	0
022.42	Copper, ICP, Open vessel (ppm)	0726	16.64	0.2100	15.93	1.258	0.5067	20	0.56	2%	0
022.42	Copper, ICP, Open vessel (ppm)	0263	16.64	0.1370	15.93	1.258	0.5067	20	0.56	2%	0
022.42	Copper, ICP, Open vessel (ppm)	0685	16.91	0.2000	15.93	1.258	0.5067	20	0.78	3%	0
022.42	Copper, ICP, Open vessel (ppm)	0037	17.00	0.2000	15.93	1.258	0.5067	20	0.85	3%	0
022.42	Copper, ICP, Open vessel (ppm)	0693	17.10	0.0780	15.93	1.258	0.5067	20	0.93	4%	0
022.42	Copper, ICP, Open vessel (ppm)	0278	17.60	1.000	15.93	1.258	0.5067	20	1.32	5%	0
022.42	Copper, ICP, Open vessel (ppm)	0042	18.65	0.1000	15.93	1.258	0.5067	20	2.16	9%	0
022.42	Copper, ICP, Open vessel (ppm)	2433	35.82	1.234	15.93	1.258	0.5067	20	15.81	62%	2
022.43	Copper, ICP, Microwave (ppm)	2089	13.88	1.440	15.53	0.7271	0.3683	33	-2.27	5%	0
022.43	Copper, ICP, Microwave (ppm)	0511	14.00	0.0000	15.53	0.7271	0.3683	33	-2.11	5%	0
022.43	Copper, ICP, Microwave (ppm)	0083	14.27	0.1900	15.53	0.7271	0.3683	33	-1.75	4%	0
022.43	Copper, ICP, Microwave (ppm)	0169	14.70	0.6000	15.53	0.7271	0.3683	33	-1.15	3%	0
022.43	Copper, ICP, Microwave (ppm)	0848	14.81	0.3600	15.53	0.7271	0.3683	33	-0.99	2%	0
022.43	Copper, ICP, Microwave (ppm)	2428	14.83	0.2000	15.53	0.7271	0.3683	33	-0.97	2%	0
022.43	Copper, ICP, Microwave (ppm)	0027	15.00	0.0000	15.53	0.7271	0.3683	33	-0.73	2%	0
022.43	Copper, ICP, Microwave (ppm)	0202	15.10	1.200	15.53	0.7271	0.3683	33	-0.60	1%	0
022.43	Copper, ICP, Microwave (ppm)	0407	15.14	0.1454	15.53	0.7271	0.3683	33	-0.55	1%	0
022.43	Copper, ICP, Microwave (ppm)	2192	15.15	0.1000	15.53	0.7271	0.3683	33	-0.53	1%	0
022.43	Copper, ICP, Microwave (ppm)	2445	15.16	0.0200	15.53	0.7271	0.3683	33	-0.51	1%	0
022.43	Copper, ICP, Microwave (ppm)	0098	15.20	0.1400	15.53	0.7271	0.3683	33	-0.46	1%	0
022.43	Copper, ICP, Microwave (ppm)	0345	15.20	0.2000	15.53	0.7271	0.3683	33	-0.46	1%	0
022.43	Copper, ICP, Microwave (ppm)	2124	15.26	0.9100	15.53	0.7271	0.3683	33	-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	
022.43	Copper, ICP, Microwave (ppm)	0017	15.50	0.4210	15.53	0.7271	0.3683	33	-0.05	0%	0
022.43	Copper, ICP, Microwave (ppm)	0035	15.50	1.000	15.53	0.7271	0.3683	33	-0.05	0%	0
022.43	Copper, ICP, Microwave (ppm)	0682	15.60	0.0000	15.53	0.7271	0.3683	33	0.09	0%	0
022.43	Copper, ICP, Microwave (ppm)	2429	15.60	0.2000	15.53	0.7271	0.3683	33	0.09	0%	0
022.43	Copper, ICP, Microwave (ppm)	2437	15.65	0.1000	15.53	0.7271	0.3683	33	0.16	0%	0
022.43	Copper, ICP, Microwave (ppm)	2439	15.65	0.1000	15.53	0.7271	0.3683	33	0.16	0%	0
022.43	Copper, ICP, Microwave (ppm)	2438	15.67	0.2700	15.53	0.7271	0.3683	33	0.18	0%	0
022.43	Copper, ICP, Microwave (ppm)	2326	15.70	0.2000	15.53	0.7271	0.3683	33	0.23	1%	0
022.43	Copper, ICP, Microwave (ppm)	0297	16.00	0.0000	15.53	0.7271	0.3683	33	0.64	2%	0
022.43	Copper, ICP, Microwave (ppm)	0353	16.00	0.0000	15.53	0.7271	0.3683	33	0.64	2%	0
022.43	Copper, ICP, Microwave (ppm)	0510	16.00	0.0000	15.53	0.7271	0.3683	33	0.64	2%	0
022.43	Copper, ICP, Microwave (ppm)	0870	16.03	0.2300	15.53	0.7271	0.3683	33	0.68	2%	0
022.43	Copper, ICP, Microwave (ppm)	0610	16.05	0.3000	15.53	0.7271	0.3683	33	0.71	2%	0
022.43	Copper, ICP, Microwave (ppm)	0968	16.19	0.1290	15.53	0.7271	0.3683	33	0.90	2%	0
022.43	Copper, ICP, Microwave (ppm)	0226	16.27	0.0300	15.53	0.7271	0.3683	33	1.01	2%	0
022.43	Copper, ICP, Microwave (ppm)	2436	16.50	2.400	15.53	0.7271	0.3683	33	1.33	3%	0
022.43	Copper, ICP, Microwave (ppm)	0038	16.60	0.4000	15.53	0.7271	0.3683	33	1.47	3%	0
022.43	Copper, ICP, Microwave (ppm)	2033	16.65	0.1000	15.53	0.7271	0.3683	33	1.54	4%	0
022.43	Copper, ICP, Microwave (ppm)	0505	18.26	2.630	15.53	0.7271	0.3683	33	3.74	9%	0
022.43	Copper, ICP, Microwave (ppm)	0354	17.67	3.540	15.53	0.7271	0.3683	33	2.94	7%	1
022.44	Copper, ICP, Dry ash (ppm)	2408	11.56	0.0300	13.17	1.663	0.3730	7	-0.97	6%	0
022.44	Copper, ICP, Dry ash (ppm)	2330	12.31	0.2700	13.17	1.663	0.3730	7	-0.52	3%	0
022.44	Copper, ICP, Dry ash (ppm)	2156	12.34	0.0700	13.17	1.663	0.3730	7	-0.50	3%	0
022.44	Copper, ICP, Dry ash (ppm)	2220	12.59	1.200	13.17	1.663	0.3730	7	-0.35	2%	0
022.44	Copper, ICP, Dry ash (ppm)	0164	13.00	0.0000	13.17	1.663	0.3730	7	-0.10	1%	0
022.44	Copper, ICP, Dry ash (ppm)	2114	14.98	0.1000	13.17	1.663	0.3730	7	1.08	7%	0
022.44	Copper, ICP, Dry ash (ppm)	0066	15.46	0.6700	13.17	1.663	0.3730	7	1.37	9%	0
022.44	Copper, ICP, Dry ash (ppm)	2362	21.56	18.53	13.17	1.663	0.3730	7	5.04	32%	1
022.52	Copper, ICP-MS, Open vessel (ppm)	0186	15.31	1.050				1			0
022.53	Copper, ICP-MS, Microwave (ppm)	0939	13.82	0.6900	15.74	1.479	0.3323	4			0
022.53	Copper, ICP-MS, Microwave (ppm)	0407	15.55	0.4412	15.74	1.479	0.3323	4			0
022.53	Copper, ICP-MS, Microwave (ppm)	0043	16.26	0.0280	15.74	1.479	0.3323	4			0
022.53	Copper, ICP-MS, Microwave (ppm)	2409	17.34	0.1700	15.74	1.479	0.3323	4			0
022.99	Copper, Miscellaneous (ppm)	0242	10.00	0.0000				3			0
022.99	Copper, Miscellaneous (ppm)	0100	14.00	0.0000				3			0
022.99	Copper, Miscellaneous (ppm)	0123	16.10	0.8000				3			0
024.52	Iodine, ICP-MS, Open vessel (ppm)	0910	3.803	1.099				1			0
025.31	Iron, AAS, Dry ash (ppm)	2246	215.2	2.250	341.2	43.48	7.807	11	-2.90	18%	0
025.31	Iron, AAS, Dry ash (ppm)	0689	233.8	14.10	341.2	43.48	7.807	11	-2.47	16%	0
025.31	Iron, AAS, Dry ash (ppm)	0651	330.3	6.411	341.2	43.48	7.807	11	-0.25	2%	0
025.31	Iron, AAS, Dry ash (ppm)	0939	330.5	11.00	341.2	43.48	7.807	11	-0.25	2%	0
025.31	Iron, AAS, Dry ash (ppm)	0529	348.5	0.2000	341.2	43.48	7.807	11	0.17	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
025.31	Iron, AAS, Dry ash (ppm)	2196	350.0	0.0000	341.2	43.48	7.807	11	0.20	1%	0
025.31	Iron, AAS, Dry ash (ppm)	0001	351.1	17.40	341.2	43.48	7.807	11	0.23	1%	0
025.31	Iron, AAS, Dry ash (ppm)	0563	352.1	0.7545	341.2	43.48	7.807	11	0.25	2%	0
025.31	Iron, AAS, Dry ash (ppm)	0208	358.5	3.000	341.2	43.48	7.807	11	0.40	3%	0
025.31	Iron, AAS, Dry ash (ppm)	0536	373.8	2.600	341.2	43.48	7.807	11	0.75	5%	0
025.31	Iron, AAS, Dry ash (ppm)	0038	417.5	21.00	341.2	43.48	7.807	11	1.75	11%	0
025.33	Iron, AAS, Microwave (ppm)	0948	363.5	3.020				1			0
025.41	Iron, ICP, Dry ash (ppm)	0619	275.0	8.000	336.5	25.32	8.200	18	-2.43	9%	0
025.41	Iron, ICP, Dry ash (ppm)	0598	285.5	0.2827	336.5	25.32	8.200	18	-2.02	8%	0
025.41	Iron, ICP, Dry ash (ppm)	0066	292.1	6.110	336.5	25.32	8.200	18	-1.76	7%	0
025.41	Iron, ICP, Dry ash (ppm)	0226	315.2	2.120	336.5	25.32	8.200	18	-0.84	3%	0
025.41	Iron, ICP, Dry ash (ppm)	0674	327.5	0.0000	336.5	25.32	8.200	18	-0.36	1%	0
025.41	Iron, ICP, Dry ash (ppm)	0358	329.3	0.0000	336.5	25.32	8.200	18	-0.28	1%	0
025.41	Iron, ICP, Dry ash (ppm)	0910	329.5	5.000	336.5	25.32	8.200	18	-0.28	1%	0
025.41	Iron, ICP, Dry ash (ppm)	0208	332.1	10.80	336.5	25.32	8.200	18	-0.17	1%	0
025.41	Iron, ICP, Dry ash (ppm)	0004	335.5	8.990	336.5	25.32	8.200	18	-0.04	0%	0
025.41	Iron, ICP, Dry ash (ppm)	0164	349.0	6.000	336.5	25.32	8.200	18	0.49	2%	0
025.41	Iron, ICP, Dry ash (ppm)	0019	349.9	2.900	336.5	25.32	8.200	18	0.53	2%	0
025.41	Iron, ICP, Dry ash (ppm)	0098	350.1	10.90	336.5	25.32	8.200	18	0.53	2%	0
025.41	Iron, ICP, Dry ash (ppm)	0171	350.4	3.400	336.5	25.32	8.200	18	0.55	2%	0
025.41	Iron, ICP, Dry ash (ppm)	2114	351.2	11.47	336.5	25.32	8.200	18	0.58	2%	0
025.41	Iron, ICP, Dry ash (ppm)	0407	355.4	13.77	336.5	25.32	8.200	18	0.75	3%	0
025.41	Iron, ICP, Dry ash (ppm)	0229	355.7	29.40	336.5	25.32	8.200	18	0.76	3%	0
025.41	Iron, ICP, Dry ash (ppm)	0049	356.4	8.190	336.5	25.32	8.200	18	0.79	3%	0
025.41	Iron, ICP, Dry ash (ppm)	0148	391.7	19.55	336.5	25.32	8.200	18	2.18	8%	0
025.42	Iron, ICP, Open vessel (ppm)	0037	103.3	14.50	349.1	44.37	13.12	18	-5.54	35%	0
025.42	Iron, ICP, Open vessel (ppm)	0726	246.4	6.400	349.1	44.37	13.12	18	-2.31	15%	0
025.42	Iron, ICP, Open vessel (ppm)	0263	314.7	0.3230	349.1	44.37	13.12	18	-0.77	5%	0
025.42	Iron, ICP, Open vessel (ppm)	2319	315.5	3.000	349.1	44.37	13.12	18	-0.76	5%	0
025.42	Iron, ICP, Open vessel (ppm)	0692	320.5	35.00	349.1	44.37	13.12	18	-0.64	4%	0
025.42	Iron, ICP, Open vessel (ppm)	0294	321.4	8.620	349.1	44.37	13.12	18	-0.62	4%	0
025.42	Iron, ICP, Open vessel (ppm)	0190	323.4	1.330	349.1	44.37	13.12	18	-0.58	4%	0
025.42	Iron, ICP, Open vessel (ppm)	0042	338.0	16.00	349.1	44.37	13.12	18	-0.25	2%	0
025.42	Iron, ICP, Open vessel (ppm)	0045	350.0	14.00	349.1	44.37	13.12	18	0.02	0%	0
025.42	Iron, ICP, Open vessel (ppm)	0366	359.5	9.000	349.1	44.37	13.12	18	0.24	1%	0
025.42	Iron, ICP, Open vessel (ppm)	0278	364.0	28.00	349.1	44.37	13.12	18	0.34	2%	0
025.42	Iron, ICP, Open vessel (ppm)	0870	365.8	19.00	349.1	44.37	13.12	18	0.38	2%	0
025.42	Iron, ICP, Open vessel (ppm)	0357	374.5	2.182	349.1	44.37	13.12	18	0.57	4%	0
025.42	Iron, ICP, Open vessel (ppm)	0693	374.9	23.16	349.1	44.37	13.12	18	0.58	4%	0
025.42	Iron, ICP, Open vessel (ppm)	0504	386.5	27.00	349.1	44.37	13.12	18	0.84	5%	0
025.42	Iron, ICP, Open vessel (ppm)	2375	388.0	16.00	349.1	44.37	13.12	18	0.88	6%	0
025.42	Iron, ICP, Open vessel (ppm)	2129	405.8	12.40	349.1	44.37	13.12	18	1.28	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	
025.42	Iron, ICP, Open vessel (ppm)	2433	786.7	6.206	349.1	44.37	13.12	18	9.86	63%	0
025.42	Iron, ICP, Open vessel (ppm)	0026	305.0	107.2	349.1	44.37	13.12	18	-0.99	6%	1
025.43	Iron, ICP, Microwave (ppm)	0083	251.4	4.030	363.7	28.20	7.943	25	-3.98	15%	0
025.43	Iron, ICP, Microwave (ppm)	0297	306.0	8.000	363.7	28.20	7.943	25	-2.05	8%	0
025.43	Iron, ICP, Microwave (ppm)	0169	327.0	4.000	363.7	28.20	7.943	25	-1.30	5%	0
025.43	Iron, ICP, Microwave (ppm)	0511	335.5	17.00	363.7	28.20	7.943	25	-1.00	4%	0
025.43	Iron, ICP, Microwave (ppm)	2192	344.0	16.00	363.7	28.20	7.943	25	-0.70	3%	0
025.43	Iron, ICP, Microwave (ppm)	0354	345.1	2.740	363.7	28.20	7.943	25	-0.66	3%	0
025.43	Iron, ICP, Microwave (ppm)	0345	350.4	10.30	363.7	28.20	7.943	25	-0.47	2%	0
025.43	Iron, ICP, Microwave (ppm)	0202	351.5	33.00	363.7	28.20	7.943	25	-0.43	2%	0
025.43	Iron, ICP, Microwave (ppm)	0510	352.0	0.0000	363.7	28.20	7.943	25	-0.41	2%	0
025.43	Iron, ICP, Microwave (ppm)	0226	352.7	8.160	363.7	28.20	7.943	25	-0.39	2%	0
025.43	Iron, ICP, Microwave (ppm)	0610	359.5	1.000	363.7	28.20	7.943	25	-0.15	1%	0
025.43	Iron, ICP, Microwave (ppm)	2124	359.9	2.050	363.7	28.20	7.943	25	-0.13	1%	0
025.43	Iron, ICP, Microwave (ppm)	0407	363.7	1.477	363.7	28.20	7.943	25	0.00	0%	0
025.43	Iron, ICP, Microwave (ppm)	0505	364.3	3.400	363.7	28.20	7.943	25	0.02	0%	0
025.43	Iron, ICP, Microwave (ppm)	2033	365.0	10.00	363.7	28.20	7.943	25	0.05	0%	0
025.43	Iron, ICP, Microwave (ppm)	0098	367.2	0.4000	363.7	28.20	7.943	25	0.12	0%	0
025.43	Iron, ICP, Microwave (ppm)	0017	373.0	24.49	363.7	28.20	7.943	25	0.33	1%	0
025.43	Iron, ICP, Microwave (ppm)	0682	375.9	0.0000	363.7	28.20	7.943	25	0.43	2%	0
025.43	Iron, ICP, Microwave (ppm)	0870	379.7	7.800	363.7	28.20	7.943	25	0.57	2%	0
025.43	Iron, ICP, Microwave (ppm)	0035	383.0	14.00	363.7	28.20	7.943	25	0.68	3%	0
025.43	Iron, ICP, Microwave (ppm)	0968	388.3	9.672	363.7	28.20	7.943	25	0.87	3%	0
025.43	Iron, ICP, Microwave (ppm)	0353	394.0	2.000	363.7	28.20	7.943	25	1.07	4%	0
025.43	Iron, ICP, Microwave (ppm)	2089	413.4	2.160	363.7	28.20	7.943	25	1.76	7%	0
025.43	Iron, ICP, Microwave (ppm)	2326	418.0	0.0000	363.7	28.20	7.943	25	1.93	7%	0
025.43	Iron, ICP, Microwave (ppm)	0038	452.0	14.00	363.7	28.20	7.943	25	3.13	12%	0
025.52	Iron, ICP-MS, Open vessel (ppm)	0047	218.0	17.91				2			0
025.52	Iron, ICP-MS, Open vessel (ppm)	0154	244.3	8.860				2			0
025.53	Iron, ICP-MS, Microwave (ppm)	2428	330.5	17.00	357.8	22.62	8.093	5			0
025.53	Iron, ICP-MS, Microwave (ppm)	0939	337.5	1.000	357.8	22.62	8.093	5			0
025.53	Iron, ICP-MS, Microwave (ppm)	0407	367.9	2.388	357.8	22.62	8.093	5			0
025.53	Iron, ICP-MS, Microwave (ppm)	0043	369.8	17.10	357.8	22.62	8.093	5			0
025.53	Iron, ICP-MS, Microwave (ppm)	2409	383.2	2.980	357.8	22.62	8.093	5			0
025.99	Iron, Miscellaneous (ppm)	0242	340.5	11.00				3			0
025.99	Iron, Miscellaneous (ppm)	0100	354.0	30.00				3			0
025.99	Iron, Miscellaneous (ppm)	0123	375.5	1.000				3			0
027.31	Magnesium, AAS, Dry ash (%)	2246	0.1200	0.0000	0.1307	0.0083	0.0048	11	-1.29	4%	0
027.31	Magnesium, AAS, Dry ash (%)	0529	0.1240	0.0000	0.1307	0.0083	0.0048	11	-0.80	3%	0
027.31	Magnesium, AAS, Dry ash (%)	0001	0.1247	0.0014	0.1307	0.0083	0.0048	11	-0.72	2%	0
027.31	Magnesium, AAS, Dry ash (%)	0939	0.1250	0.0100	0.1307	0.0083	0.0048	11	-0.68	2%	0
027.31	Magnesium, AAS, Dry ash (%)	0536	0.1300	0.0000	0.1307	0.0083	0.0048	11	-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	
027.31	Magnesium, AAS, Dry ash (%)	2196	0.1300	0.0000	0.1307	0.0083	0.0048	11	-0.08	0%	0
027.31	Magnesium, AAS, Dry ash (%)	0142	0.1320	0.0026	0.1307	0.0083	0.0048	11	0.16	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0208	0.1325	0.0030	0.1307	0.0083	0.0048	11	0.22	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0038	0.1335	0.0110	0.1307	0.0083	0.0048	11	0.34	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0563	0.1425	0.0006	0.1307	0.0083	0.0048	11	1.43	5%	0
027.31	Magnesium, AAS, Dry ash (%)	0596	0.1500	0.0000	0.1307	0.0083	0.0048	11	2.33	7%	0
027.32	Magnesium, AAS, Open vessel (%)	0169	0.1450	0.0100				1			0
027.33	Magnesium, AAS, Microwave (%)	0948	0.1200	0.0000				1			0
027.41	Magnesium, ICP, Dry ash (%)	0004	0.1200	0.0000	0.1301	0.0077	0.0037	22	-1.31	4%	0
027.41	Magnesium, ICP, Dry ash (%)	0066	0.1200	0.0040	0.1301	0.0077	0.0037	22	-1.31	4%	0
027.41	Magnesium, ICP, Dry ash (%)	0674	0.1200	0.0000	0.1301	0.0077	0.0037	22	-1.31	4%	0
027.41	Magnesium, ICP, Dry ash (%)	1020	0.1225	0.0030	0.1301	0.0077	0.0037	22	-0.99	3%	0
027.41	Magnesium, ICP, Dry ash (%)	0049	0.1250	0.0100	0.1301	0.0077	0.0037	22	-0.66	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0229	0.1250	0.0100	0.1301	0.0077	0.0037	22	-0.66	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0407	0.1253	0.0006	0.1301	0.0077	0.0037	22	-0.62	2%	0
027.41	Magnesium, ICP, Dry ash (%)	1023	0.1265	0.0010	0.1301	0.0077	0.0037	22	-0.47	1%	0
027.41	Magnesium, ICP, Dry ash (%)	2398	0.1265	0.0010	0.1301	0.0077	0.0037	22	-0.47	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0139	0.1290	0.0000	0.1301	0.0077	0.0037	22	-0.14	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0019	0.1300	0.0000	0.1301	0.0077	0.0037	22	-0.01	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0098	0.1300	0.0000	0.1301	0.0077	0.0037	22	-0.01	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0358	0.1300	0.0000	0.1301	0.0077	0.0037	22	-0.01	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0208	0.1310	0.0040	0.1301	0.0077	0.0037	22	0.12	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0910	0.1350	0.0100	0.1301	0.0077	0.0037	22	0.64	2%	0
027.41	Magnesium, ICP, Dry ash (%)	1021	0.1355	0.0010	0.1301	0.0077	0.0037	22	0.71	2%	0
027.41	Magnesium, ICP, Dry ash (%)	1022	0.1360	0.0020	0.1301	0.0077	0.0037	22	0.77	2%	0
027.41	Magnesium, ICP, Dry ash (%)	2399	0.1365	0.0010	0.1301	0.0077	0.0037	22	0.84	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0598	0.1372	0.0001	0.1301	0.0077	0.0037	22	0.92	3%	0
027.41	Magnesium, ICP, Dry ash (%)	0148	0.1395	0.0070	0.1301	0.0077	0.0037	22	1.23	4%	0
027.41	Magnesium, ICP, Dry ash (%)	0226	0.1400	0.0000	0.1301	0.0077	0.0037	22	1.29	4%	0
027.41	Magnesium, ICP, Dry ash (%)	0619	0.1415	0.0010	0.1301	0.0077	0.0037	22	1.49	4%	0
027.42	Magnesium, ICP, Open vessel (%)	0026	0.1015	0.0290	0.1399	0.0123	0.0081	21	-3.12	14%	0
027.42	Magnesium, ICP, Open vessel (%)	0366	0.1250	0.0100	0.1399	0.0123	0.0081	21	-1.21	5%	0
027.42	Magnesium, ICP, Open vessel (%)	2129	0.1289	0.0003	0.1399	0.0123	0.0081	21	-0.90	4%	0
027.42	Magnesium, ICP, Open vessel (%)	0263	0.1295	0.0010	0.1399	0.0123	0.0081	21	-0.85	4%	0
027.42	Magnesium, ICP, Open vessel (%)	0294	0.1300	0.0000	0.1399	0.0123	0.0081	21	-0.81	4%	0
027.42	Magnesium, ICP, Open vessel (%)	0692	0.1300	0.0200	0.1399	0.0123	0.0081	21	-0.81	4%	0
027.42	Magnesium, ICP, Open vessel (%)	2319	0.1300	0.0000	0.1399	0.0123	0.0081	21	-0.81	4%	0
027.42	Magnesium, ICP, Open vessel (%)	0504	0.1350	0.0160	0.1399	0.0123	0.0081	21	-0.40	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0870	0.1367	0.0071	0.1399	0.0123	0.0081	21	-0.27	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0037	0.1390	0.0020	0.1399	0.0123	0.0081	21	-0.08	0%	0
027.42	Magnesium, ICP, Open vessel (%)	0190	0.1400	0.0000	0.1399	0.0123	0.0081	21	0.00	0%	0
027.42	Magnesium, ICP, Open vessel (%)	0726	0.1400	0.0000	0.1399	0.0123	0.0081	21	0.00	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	
027.42	Magnesium, ICP, Open vessel (%)	0045	0.1425	0.0070	0.1399	0.0123	0.0081	21	0.21	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0357	0.1456	0.0009	0.1399	0.0123	0.0081	21	0.45	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0042	0.1460	0.0080	0.1399	0.0123	0.0081	21	0.49	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0186	0.1469	0.0024	0.1399	0.0123	0.0081	21	0.56	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0693	0.1490	0.0060	0.1399	0.0123	0.0081	21	0.73	3%	0
027.42	Magnesium, ICP, Open vessel (%)	0278	0.1550	0.0100	0.1399	0.0123	0.0081	21	1.22	5%	0
027.42	Magnesium, ICP, Open vessel (%)	0685	0.1550	0.0100	0.1399	0.0123	0.0081	21	1.22	5%	0
027.42	Magnesium, ICP, Open vessel (%)	2375	0.1550	0.0100	0.1399	0.0123	0.0081	21	1.22	5%	0
027.42	Magnesium, ICP, Open vessel (%)	2433	0.1905	0.0110	0.1399	0.0123	0.0081	21	4.10	18%	0
027.43	Magnesium, ICP, Microwave (%)	2033	0.0014	0.0000	0.1347	0.0071	0.0055	30	-18.68	49%	0
027.43	Magnesium, ICP, Microwave (%)	0043	0.0935	0.0030	0.1347	0.0071	0.0055	30	-5.78	15%	0
027.43	Magnesium, ICP, Microwave (%)	0083	0.1200	0.0000	0.1347	0.0071	0.0055	30	-2.06	5%	0
027.43	Magnesium, ICP, Microwave (%)	0968	0.1240	0.0040	0.1347	0.0071	0.0055	30	-1.50	4%	0
027.43	Magnesium, ICP, Microwave (%)	0098	0.1300	0.0000	0.1347	0.0071	0.0055	30	-0.66	2%	0
027.43	Magnesium, ICP, Microwave (%)	0226	0.1300	0.0000	0.1347	0.0071	0.0055	30	-0.66	2%	0
027.43	Magnesium, ICP, Microwave (%)	0510	0.1300	0.0000	0.1347	0.0071	0.0055	30	-0.66	2%	0
027.43	Magnesium, ICP, Microwave (%)	0511	0.1300	0.0000	0.1347	0.0071	0.0055	30	-0.66	2%	0
027.43	Magnesium, ICP, Microwave (%)	0610	0.1300	0.0000	0.1347	0.0071	0.0055	30	-0.66	2%	0
027.43	Magnesium, ICP, Microwave (%)	0682	0.1300	0.0000	0.1347	0.0071	0.0055	30	-0.66	2%	0
027.43	Magnesium, ICP, Microwave (%)	2435	0.1310	0.0020	0.1347	0.0071	0.0055	30	-0.52	1%	0
027.43	Magnesium, ICP, Microwave (%)	0345	0.1330	0.0020	0.1347	0.0071	0.0055	30	-0.24	1%	0
027.43	Magnesium, ICP, Microwave (%)	0407	0.1330	0.0068	0.1347	0.0071	0.0055	30	-0.24	1%	0
027.43	Magnesium, ICP, Microwave (%)	2436	0.1348	0.0051	0.1347	0.0071	0.0055	30	0.01	0%	0
027.43	Magnesium, ICP, Microwave (%)	0353	0.1350	0.0100	0.1347	0.0071	0.0055	30	0.04	0%	0
027.43	Magnesium, ICP, Microwave (%)	2124	0.1350	0.0100	0.1347	0.0071	0.0055	30	0.04	0%	0
027.43	Magnesium, ICP, Microwave (%)	2192	0.1350	0.0100	0.1347	0.0071	0.0055	30	0.04	0%	0
027.43	Magnesium, ICP, Microwave (%)	2429	0.1373	0.0013	0.1347	0.0071	0.0055	30	0.36	1%	0
027.43	Magnesium, ICP, Microwave (%)	2439	0.1377	0.0006	0.1347	0.0071	0.0055	30	0.42	1%	0
027.43	Magnesium, ICP, Microwave (%)	2438	0.1386	0.0055	0.1347	0.0071	0.0055	30	0.54	1%	0
027.43	Magnesium, ICP, Microwave (%)	2437	0.1394	0.0011	0.1347	0.0071	0.0055	30	0.65	2%	0
027.43	Magnesium, ICP, Microwave (%)	0035	0.1400	0.0000	0.1347	0.0071	0.0055	30	0.74	2%	0
027.43	Magnesium, ICP, Microwave (%)	0089	0.1400	0.0000	0.1347	0.0071	0.0055	30	0.74	2%	0
027.43	Magnesium, ICP, Microwave (%)	0202	0.1400	0.0000	0.1347	0.0071	0.0055	30	0.74	2%	0
027.43	Magnesium, ICP, Microwave (%)	2089	0.1400	0.0000	0.1347	0.0071	0.0055	30	0.74	2%	0
027.43	Magnesium, ICP, Microwave (%)	0017	0.1409	0.0039	0.1347	0.0071	0.0055	30	0.86	2%	0
027.43	Magnesium, ICP, Microwave (%)	0870	0.1409	0.0055	0.1347	0.0071	0.0055	30	0.86	2%	0
027.43	Magnesium, ICP, Microwave (%)	0354	0.1435	0.0090	0.1347	0.0071	0.0055	30	1.23	3%	0
027.43	Magnesium, ICP, Microwave (%)	2445	0.1450	0.0100	0.1347	0.0071	0.0055	30	1.44	4%	0
027.43	Magnesium, ICP, Microwave (%)	2326	0.1550	0.0100	0.1347	0.0071	0.0055	30	2.84	8%	0
027.43	Magnesium, ICP, Microwave (%)	0038	0.1380	0.0180	0.1347	0.0071	0.0055	30	0.46	1%	1
027.43	Magnesium, ICP, Microwave (%)	0297	0.4600	0.0000	0.1347	0.0071	0.0055	30	45.59	121%	2
027.44	Magnesium, ICP, Dry ash (%)	2420	0.1200	0.0200	0.1288	0.0024	0.0042	19	-3.64	3%	0

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			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
027.44	Magnesium, ICP, Dry ash (%)	2421	0.1265	0.0070	0.1288	0.0024	0.0042	19	-0.96	1%	0
027.44	Magnesium, ICP, Dry ash (%)	2452	0.1265	0.0010	0.1288	0.0024	0.0042	19	-0.96	1%	0
027.44	Magnesium, ICP, Dry ash (%)	2220	0.1270	0.0080	0.1288	0.0024	0.0042	19	-0.75	1%	0
027.44	Magnesium, ICP, Dry ash (%)	2362	0.1270	0.0020	0.1288	0.0024	0.0042	19	-0.75	1%	0
027.44	Magnesium, ICP, Dry ash (%)	2252	0.1275	0.0050	0.1288	0.0024	0.0042	19	-0.54	1%	0
027.44	Magnesium, ICP, Dry ash (%)	2417	0.1275	0.0010	0.1288	0.0024	0.0042	19	-0.54	1%	0
027.44	Magnesium, ICP, Dry ash (%)	2361	0.1280	0.0000	0.1288	0.0024	0.0042	19	-0.34	0%	0
027.44	Magnesium, ICP, Dry ash (%)	2419	0.1280	0.0000	0.1288	0.0024	0.0042	19	-0.34	0%	0
027.44	Magnesium, ICP, Dry ash (%)	2293	0.1285	0.0010	0.1288	0.0024	0.0042	19	-0.13	0%	0
027.44	Magnesium, ICP, Dry ash (%)	2330	0.1285	0.0010	0.1288	0.0024	0.0042	19	-0.13	0%	0
027.44	Magnesium, ICP, Dry ash (%)	2156	0.1300	0.0000	0.1288	0.0024	0.0042	19	0.49	0%	0
027.44	Magnesium, ICP, Dry ash (%)	2408	0.1300	0.0000	0.1288	0.0024	0.0042	19	0.49	0%	0
027.44	Magnesium, ICP, Dry ash (%)	2416	0.1300	0.0000	0.1288	0.0024	0.0042	19	0.49	0%	0
027.44	Magnesium, ICP, Dry ash (%)	2422	0.1300	0.0000	0.1288	0.0024	0.0042	19	0.49	0%	0
027.44	Magnesium, ICP, Dry ash (%)	2426	0.1300	0.0000	0.1288	0.0024	0.0042	19	0.49	0%	0
027.44	Magnesium, ICP, Dry ash (%)	2114	0.1348	0.0001	0.1288	0.0024	0.0042	19	2.45	2%	0
027.44	Magnesium, ICP, Dry ash (%)	0164	0.1365	0.0010	0.1288	0.0024	0.0042	19	3.17	3%	0
027.44	Magnesium, ICP, Dry ash (%)	2424	0.1400	0.0200	0.1288	0.0024	0.0042	19	4.61	4%	0
027.52	Magnesium, ICP-MS, Open vessel (%)	0186	0.1293	0.0020				3			0
027.52	Magnesium, ICP-MS, Open vessel (%)	0047	0.1775	0.0270				3			0
027.52	Magnesium, ICP-MS, Open vessel (%)	0154	1.300	0.0070				3			0
027.53	Magnesium, ICP-MS, Microwave (%)	0939	0.1250	0.0100	0.1313	0.0050	0.0042	4			0
027.53	Magnesium, ICP-MS, Microwave (%)	2409	0.1300	0.0000	0.1313	0.0050	0.0042	4			0
027.53	Magnesium, ICP-MS, Microwave (%)	0407	0.1337	0.0016	0.1313	0.0050	0.0042	4			0
027.53	Magnesium, ICP-MS, Microwave (%)	0043	0.1365	0.0010	0.1313	0.0050	0.0042	4			0
027.53	Magnesium, ICP-MS, Microwave (%)	2428	1.445	0.0500	0.1313	0.0050	0.0042	4			2
027.99	Magnesium, Miscellaneous (%)	0123	0.1300	0.0000				3			0
027.99	Magnesium, Miscellaneous (%)	0100	0.1400	0.0000				3			0
027.99	Magnesium, Miscellaneous (%)	0242	0.1400	0.0000				3			0
028.00	Manganese, Color (ppm)	2392	52.00	6.000				1			0
028.31	Manganese, AAS, Dry ash (ppm)	2246	23.50	0.0800	44.12	12.17	1.315	12	-1.69	23%	0
028.31	Manganese, AAS, Dry ash (ppm)	0536	29.03	0.0500	44.12	12.17	1.315	12	-1.24	17%	0
028.31	Manganese, AAS, Dry ash (ppm)	0689	29.25	2.900	44.12	12.17	1.315	12	-1.22	17%	0
028.31	Manganese, AAS, Dry ash (ppm)	0563	42.48	0.2930	44.12	12.17	1.315	12	-0.14	2%	0
028.31	Manganese, AAS, Dry ash (ppm)	0939	46.50	1.000	44.12	12.17	1.315	12	0.20	3%	0
028.31	Manganese, AAS, Dry ash (ppm)	2188	46.87	0.0700	44.12	12.17	1.315	12	0.23	3%	0
028.31	Manganese, AAS, Dry ash (ppm)	0001	47.29	3.520	44.12	12.17	1.315	12	0.26	4%	0
028.31	Manganese, AAS, Dry ash (ppm)	0208	47.40	1.800	44.12	12.17	1.315	12	0.27	4%	0
028.31	Manganese, AAS, Dry ash (ppm)	0529	50.45	0.9000	44.12	12.17	1.315	12	0.52	7%	0
028.31	Manganese, AAS, Dry ash (ppm)	0651	51.27	1.912	44.12	12.17	1.315	12	0.59	8%	0
028.31	Manganese, AAS, Dry ash (ppm)	2196	51.57	0.0000	44.12	12.17	1.315	12	0.61	8%	0
028.31	Manganese, AAS, Dry ash (ppm)	0596	61.50	2.150	44.12	12.17	1.315	12	1.43	20%	0

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			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs			
028.32	Manganese, AAS, Open vessel (ppm)	0038	56.30	0.2000				1			0
028.33	Manganese, AAS, Microwave (ppm)	0948	46.00	0.6100				1			0
028.41	Manganese, ICP, Dry ash (ppm)	0674	39.76	0.0000	48.63	2.640	0.8873	20	-3.36	9%	0
028.41	Manganese, ICP, Dry ash (ppm)	0049	42.31	3.110	48.63	2.640	0.8873	20	-2.40	7%	0
028.41	Manganese, ICP, Dry ash (ppm)	0358	46.59	0.5600	48.63	2.640	0.8873	20	-0.77	2%	0
028.41	Manganese, ICP, Dry ash (ppm)	2398	46.74	0.5400	48.63	2.640	0.8873	20	-0.72	2%	0
028.41	Manganese, ICP, Dry ash (ppm)	0004	46.74	1.420	48.63	2.640	0.8873	20	-0.72	2%	0
028.41	Manganese, ICP, Dry ash (ppm)	0208	46.89	3.880	48.63	2.640	0.8873	20	-0.66	2%	0
028.41	Manganese, ICP, Dry ash (ppm)	2361	47.54	0.1900	48.63	2.640	0.8873	20	-0.42	1%	0
028.41	Manganese, ICP, Dry ash (ppm)	0598	47.59	0.4793	48.63	2.640	0.8873	20	-0.40	1%	0
028.41	Manganese, ICP, Dry ash (ppm)	0139	47.87	0.0000	48.63	2.640	0.8873	20	-0.29	1%	0
028.41	Manganese, ICP, Dry ash (ppm)	0910	48.00	0.0000	48.63	2.640	0.8873	20	-0.24	1%	0
028.41	Manganese, ICP, Dry ash (ppm)	0098	48.34	0.2100	48.63	2.640	0.8873	20	-0.11	0%	0
028.41	Manganese, ICP, Dry ash (ppm)	0171	48.60	0.6000	48.63	2.640	0.8873	20	-0.01	0%	0
028.41	Manganese, ICP, Dry ash (ppm)	0407	49.66	1.315	48.63	2.640	0.8873	20	0.39	1%	0
028.41	Manganese, ICP, Dry ash (ppm)	0019	49.84	1.580	48.63	2.640	0.8873	20	0.46	1%	0
028.41	Manganese, ICP, Dry ash (ppm)	0619	50.80	0.8000	48.63	2.640	0.8873	20	0.82	2%	0
028.41	Manganese, ICP, Dry ash (ppm)	2399	50.95	0.4600	48.63	2.640	0.8873	20	0.88	2%	0
028.41	Manganese, ICP, Dry ash (ppm)	1022	51.19	0.9200	48.63	2.640	0.8873	20	0.97	3%	0
028.41	Manganese, ICP, Dry ash (ppm)	1021	51.20	0.1500	48.63	2.640	0.8873	20	0.97	3%	0
028.41	Manganese, ICP, Dry ash (ppm)	0226	52.17	1.290	48.63	2.640	0.8873	20	1.34	4%	0
028.41	Manganese, ICP, Dry ash (ppm)	0148	52.61	0.8722	48.63	2.640	0.8873	20	1.51	4%	0
028.41	Manganese, ICP, Dry ash (ppm)	0229	49.58	8.220	48.63	2.640	0.8873	20	0.36	1%	1
028.42	Manganese, ICP, Open vessel (ppm)	0685	47.70	0.2000	52.00	3.706	1.424	20	-1.16	4%	0
028.42	Manganese, ICP, Open vessel (ppm)	0870	48.27	0.9800	52.00	3.706	1.424	20	-1.01	4%	0
028.42	Manganese, ICP, Open vessel (ppm)	0294	48.47	0.5800	52.00	3.706	1.424	20	-0.95	3%	0
028.42	Manganese, ICP, Open vessel (ppm)	0692	48.50	9.000	52.00	3.706	1.424	20	-0.94	3%	0
028.42	Manganese, ICP, Open vessel (ppm)	0263	48.59	0.0230	52.00	3.706	1.424	20	-0.92	3%	0
028.42	Manganese, ICP, Open vessel (ppm)	0366	49.00	0.0000	52.00	3.706	1.424	20	-0.81	3%	0
028.42	Manganese, ICP, Open vessel (ppm)	2319	49.20	0.6000	52.00	3.706	1.424	20	-0.76	3%	0
028.42	Manganese, ICP, Open vessel (ppm)	2129	50.81	0.2000	52.00	3.706	1.424	20	-0.32	1%	0
028.42	Manganese, ICP, Open vessel (ppm)	0045	51.40	5.800	52.00	3.706	1.424	20	-0.16	1%	0
028.42	Manganese, ICP, Open vessel (ppm)	0042	51.50	2.200	52.00	3.706	1.424	20	-0.13	0%	0
028.42	Manganese, ICP, Open vessel (ppm)	0504	51.90	6.000	52.00	3.706	1.424	20	-0.03	0%	0
028.42	Manganese, ICP, Open vessel (ppm)	0693	51.94	0.2150	52.00	3.706	1.424	20	-0.02	0%	0
028.42	Manganese, ICP, Open vessel (ppm)	0278	52.00	2.000	52.00	3.706	1.424	20	0.00	0%	0
028.42	Manganese, ICP, Open vessel (ppm)	0357	53.83	0.7070	52.00	3.706	1.424	20	0.49	2%	0
028.42	Manganese, ICP, Open vessel (ppm)	0186	54.43	1.590	52.00	3.706	1.424	20	0.65	2%	0
028.42	Manganese, ICP, Open vessel (ppm)	2433	55.03	2.423	52.00	3.706	1.424	20	0.82	3%	0
028.42	Manganese, ICP, Open vessel (ppm)	0190	55.68	0.3900	52.00	3.706	1.424	20	0.99	4%	0
028.42	Manganese, ICP, Open vessel (ppm)	0037	56.65	0.7000	52.00	3.706	1.424	20	1.25	4%	0
028.42	Manganese, ICP, Open vessel (ppm)	0726	58.30	0.3500	52.00	3.706	1.424	20	1.70	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	
028.42	Manganese, ICP, Open vessel (ppm)	2375	58.50	3.000	52.00	3.706	1.424	20	1.75	6%	0
028.42	Manganese, ICP, Open vessel (ppm)	0026	39.63	11.52	52.00	3.706	1.424	20	-3.34	12%	1
028.43	Manganese, ICP, Microwave (ppm)	0017	46.48	3.612	50.93	2.766	0.9435	29	-1.61	4%	0
028.43	Manganese, ICP, Microwave (ppm)	0354	46.59	0.2600	50.93	2.766	0.9435	29	-1.57	4%	0
028.43	Manganese, ICP, Microwave (ppm)	0169	46.85	0.1000	50.93	2.766	0.9435	29	-1.48	4%	0
028.43	Manganese, ICP, Microwave (ppm)	0511	47.50	1.000	50.93	2.766	0.9435	29	-1.24	3%	0
028.43	Manganese, ICP, Microwave (ppm)	0083	47.58	0.2800	50.93	2.766	0.9435	29	-1.21	3%	0
028.43	Manganese, ICP, Microwave (ppm)	0510	48.00	0.0000	50.93	2.766	0.9435	29	-1.06	3%	0
028.43	Manganese, ICP, Microwave (ppm)	0345	48.90	1.600	50.93	2.766	0.9435	29	-0.74	2%	0
028.43	Manganese, ICP, Microwave (ppm)	0505	49.62	0.6300	50.93	2.766	0.9435	29	-0.48	1%	0
028.43	Manganese, ICP, Microwave (ppm)	0407	49.93	0.4645	50.93	2.766	0.9435	29	-0.36	1%	0
028.43	Manganese, ICP, Microwave (ppm)	0610	50.10	0.0000	50.93	2.766	0.9435	29	-0.30	1%	0
028.43	Manganese, ICP, Microwave (ppm)	0968	50.53	0.4370	50.93	2.766	0.9435	29	-0.14	0%	0
028.43	Manganese, ICP, Microwave (ppm)	0870	50.60	1.190	50.93	2.766	0.9435	29	-0.12	0%	0
028.43	Manganese, ICP, Microwave (ppm)	0098	50.74	1.000	50.93	2.766	0.9435	29	-0.07	0%	0
028.43	Manganese, ICP, Microwave (ppm)	2436	50.90	1.000	50.93	2.766	0.9435	29	-0.01	0%	0
028.43	Manganese, ICP, Microwave (ppm)	2438	51.12	0.0300	50.93	2.766	0.9435	29	0.07	0%	0
028.43	Manganese, ICP, Microwave (ppm)	0682	51.21	0.0000	50.93	2.766	0.9435	29	0.10	0%	0
028.43	Manganese, ICP, Microwave (ppm)	2439	51.45	0.1000	50.93	2.766	0.9435	29	0.19	1%	0
028.43	Manganese, ICP, Microwave (ppm)	0226	51.71	1.550	50.93	2.766	0.9435	29	0.28	1%	0
028.43	Manganese, ICP, Microwave (ppm)	2429	51.83	0.4500	50.93	2.766	0.9435	29	0.32	1%	0
028.43	Manganese, ICP, Microwave (ppm)	0027	52.00	0.0000	50.93	2.766	0.9435	29	0.39	1%	0
028.43	Manganese, ICP, Microwave (ppm)	2437	52.50	0.4000	50.93	2.766	0.9435	29	0.57	2%	0
028.43	Manganese, ICP, Microwave (ppm)	2033	52.80	0.1300	50.93	2.766	0.9435	29	0.67	2%	0
028.43	Manganese, ICP, Microwave (ppm)	0353	53.00	2.000	50.93	2.766	0.9435	29	0.75	2%	0
028.43	Manganese, ICP, Microwave (ppm)	2326	53.10	1.600	50.93	2.766	0.9435	29	0.78	2%	0
028.43	Manganese, ICP, Microwave (ppm)	2089	53.63	4.950	50.93	2.766	0.9435	29	0.97	3%	0
028.43	Manganese, ICP, Microwave (ppm)	2124	54.09	4.340	50.93	2.766	0.9435	29	1.14	3%	0
028.43	Manganese, ICP, Microwave (ppm)	0038	54.25	0.5000	50.93	2.766	0.9435	29	1.20	3%	0
028.43	Manganese, ICP, Microwave (ppm)	0035	54.50	1.000	50.93	2.766	0.9435	29	1.29	4%	0
028.43	Manganese, ICP, Microwave (ppm)	0202	56.20	1.400	50.93	2.766	0.9435	29	1.90	5%	0
028.43	Manganese, ICP, Microwave (ppm)	0297	85.50	5.000	50.93	2.766	0.9435	29	12.50	34%	2
028.44	Manganese, ICP, Dry ash (ppm)	0066	39.22	1.160	46.60	2.503	1.007	14	-2.95	8%	0
028.44	Manganese, ICP, Dry ash (ppm)	2420	43.09	5.870	46.60	2.503	1.007	14	-1.41	4%	0
028.44	Manganese, ICP, Dry ash (ppm)	2417	45.39	0.5000	46.60	2.503	1.007	14	-0.49	1%	0
028.44	Manganese, ICP, Dry ash (ppm)	2426	45.45	1.120	46.60	2.503	1.007	14	-0.46	1%	0
028.44	Manganese, ICP, Dry ash (ppm)	2452	45.60	0.2400	46.60	2.503	1.007	14	-0.40	1%	0
028.44	Manganese, ICP, Dry ash (ppm)	2421	45.74	1.740	46.60	2.503	1.007	14	-0.35	1%	0
028.44	Manganese, ICP, Dry ash (ppm)	2422	45.84	1.140	46.60	2.503	1.007	14	-0.31	1%	0
028.44	Manganese, ICP, Dry ash (ppm)	2419	46.31	0.4600	46.60	2.503	1.007	14	-0.12	0%	0
028.44	Manganese, ICP, Dry ash (ppm)	2408	47.50	0.3600	46.60	2.503	1.007	14	0.36	1%	0
028.44	Manganese, ICP, Dry ash (ppm)	0164	48.00	0.0000	46.60	2.503	1.007	14	0.56	1%	0

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			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
028.44	Manganese, ICP, Dry ash (ppm)	2416	48.24	1.070	46.60	2.503	1.007	14	0.65	2%	0
028.44	Manganese, ICP, Dry ash (ppm)	2156	48.78	0.6300	46.60	2.503	1.007	14	0.87	2%	0
028.44	Manganese, ICP, Dry ash (ppm)	2424	49.33	5.870	46.60	2.503	1.007	14	1.09	3%	0
028.44	Manganese, ICP, Dry ash (ppm)	2114	53.74	0.4610	46.60	2.503	1.007	14	2.85	8%	0
028.52	Manganese, ICP-MS, Open vessel (ppm)	0047	52.21	2.720				2			0
028.52	Manganese, ICP-MS, Open vessel (ppm)	0186	52.40	1.310				2			0
028.53	Manganese, ICP-MS, Microwave (ppm)	0043	40.48	1.381	48.73	5.234	1.636	6	-1.58	8%	0
028.53	Manganese, ICP-MS, Microwave (ppm)	0939	46.88	3.750	48.73	5.234	1.636	6	-0.35	2%	0
028.53	Manganese, ICP-MS, Microwave (ppm)	0407	48.91	1.669	48.73	5.234	1.636	6	0.03	0%	0
028.53	Manganese, ICP-MS, Microwave (ppm)	2409	49.32	0.7900	48.73	5.234	1.636	6	0.11	1%	0
028.53	Manganese, ICP-MS, Microwave (ppm)	2192	52.50	0.0000	48.73	5.234	1.636	6	0.72	4%	0
028.53	Manganese, ICP-MS, Microwave (ppm)	2428	53.92	0.5900	48.73	5.234	1.636	6	0.99	5%	0
028.99	Manganese, Miscellaneous (ppm)	0123	49.90	0.4000				3			0
028.99	Manganese, Miscellaneous (ppm)	0242	50.00	0.0000				3			0
028.99	Manganese, Miscellaneous (ppm)	0100	52.00	0.0000				3			0
030.01	Nitrate, Ion-selective electrode (%)	0357	0.0057	0.0003				1			0
031.01	Phosphorus, Photometric (%)	0108	0.8100	0.0600	0.9690	0.0343	0.0155	34	-4.64	8%	0
031.01	Phosphorus, Photometric (%)	2453	0.8729	0.0153	0.9690	0.0343	0.0155	34	-2.81	5%	0
031.01	Phosphorus, Photometric (%)	2340	0.9125	0.0010	0.9690	0.0343	0.0155	34	-1.65	3%	0
031.01	Phosphorus, Photometric (%)	2199	0.9200	0.0000	0.9690	0.0343	0.0155	34	-1.43	3%	0
031.01	Phosphorus, Photometric (%)	0038	0.9355	0.0190	0.9690	0.0343	0.0155	34	-0.98	2%	0
031.01	Phosphorus, Photometric (%)	2200	0.9400	0.0600	0.9690	0.0343	0.0155	34	-0.85	1%	0
031.01	Phosphorus, Photometric (%)	2192	0.9500	0.0000	0.9690	0.0343	0.0155	34	-0.55	1%	0
031.01	Phosphorus, Photometric (%)	2246	0.9500	0.0000	0.9690	0.0343	0.0155	34	-0.55	1%	0
031.01	Phosphorus, Photometric (%)	2325	0.9500	0.0000	0.9690	0.0343	0.0155	34	-0.55	1%	0
031.01	Phosphorus, Photometric (%)	0208	0.9530	0.0100	0.9690	0.0343	0.0155	34	-0.47	1%	0
031.01	Phosphorus, Photometric (%)	0018	0.9550	0.0040	0.9690	0.0343	0.0155	34	-0.41	1%	0
031.01	Phosphorus, Photometric (%)	0596	0.9550	0.0300	0.9690	0.0343	0.0155	34	-0.41	1%	0
031.01	Phosphorus, Photometric (%)	0884	0.9550	0.0100	0.9690	0.0343	0.0155	34	-0.41	1%	0
031.01	Phosphorus, Photometric (%)	2373	0.9550	0.0100	0.9690	0.0343	0.0155	34	-0.41	1%	0
031.01	Phosphorus, Photometric (%)	0142	0.9580	0.0051	0.9690	0.0343	0.0155	34	-0.32	1%	0
031.01	Phosphorus, Photometric (%)	0529	0.9600	0.0000	0.9690	0.0343	0.0155	34	-0.26	0%	0
031.01	Phosphorus, Photometric (%)	2337	0.9650	0.0100	0.9690	0.0343	0.0155	34	-0.12	0%	0
031.01	Phosphorus, Photometric (%)	0687	0.9700	0.0400	0.9690	0.0343	0.0155	34	0.03	0%	0
031.01	Phosphorus, Photometric (%)	2193	0.9700	0.0000	0.9690	0.0343	0.0155	34	0.03	0%	0
031.01	Phosphorus, Photometric (%)	2302	0.9700	0.0200	0.9690	0.0343	0.0155	34	0.03	0%	0
031.01	Phosphorus, Photometric (%)	2190	0.9763	0.0127	0.9690	0.0343	0.0155	34	0.21	0%	0
031.01	Phosphorus, Photometric (%)	2009	0.9790	0.0026	0.9690	0.0343	0.0155	34	0.29	1%	0
031.01	Phosphorus, Photometric (%)	2196	0.9790	0.0000	0.9690	0.0343	0.0155	34	0.29	1%	0
031.01	Phosphorus, Photometric (%)	0651	0.9875	0.0180	0.9690	0.0343	0.0155	34	0.54	1%	0
031.01	Phosphorus, Photometric (%)	0689	0.9900	0.0000	0.9690	0.0343	0.0155	34	0.61	1%	0
031.01	Phosphorus, Photometric (%)	0948	0.9950	0.0100	0.9690	0.0343	0.0155	34	0.76	1%	0

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031.01	Phosphorus, Photometric (%)	2392	0.9950	0.0100	0.9690	0.0343	0.0155	34	0.76	1%	0
031.01	Phosphorus, Photometric (%)	0563	0.9967	0.0651	0.9690	0.0343	0.0155	34	0.81	1%	0
031.01	Phosphorus, Photometric (%)	2181	1.005	0.0100	0.9690	0.0343	0.0155	34	1.05	2%	0
031.01	Phosphorus, Photometric (%)	0622	1.007	0.0059	0.9690	0.0343	0.0155	34	1.12	2%	0
031.01	Phosphorus, Photometric (%)	2022	1.010	0.0000	0.9690	0.0343	0.0155	34	1.20	2%	0
031.01	Phosphorus, Photometric (%)	0939	1.030	0.0000	0.9690	0.0343	0.0155	34	1.78	3%	0
031.01	Phosphorus, Photometric (%)	2188	1.030	0.0000	0.9690	0.0343	0.0155	34	1.78	3%	0
031.01	Phosphorus, Photometric (%)	2434	1.030	0.0000	0.9690	0.0343	0.0155	34	1.78	3%	0
031.02	Phosphorus, GQMP (AOAC 935.13-Extraction)	0043	0.9846	0.0021				1			0
031.03	Phosphorus, Autoanalyzer (%)	0169	0.9550	0.0100				2			0
031.03	Phosphorus, Autoanalyzer (%)	0001	0.9825	0.0090				2			0
031.06	Phosphorus, Hach Method (%)	0536	0.7250	0.0300				1			0
031.41	Phosphorus, ICP, Dry ash (%)	0848	0.9000	0.0200	0.9743	0.0406	0.0201	24	-1.83	4%	0
031.41	Phosphorus, ICP, Dry ash (%)	0685	0.9050	0.0100	0.9743	0.0406	0.0201	24	-1.71	4%	0
031.41	Phosphorus, ICP, Dry ash (%)	0019	0.9300	0.0200	0.9743	0.0406	0.0201	24	-1.09	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0674	0.9400	0.0000	0.9743	0.0406	0.0201	24	-0.85	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	2398	0.9400	0.0000	0.9743	0.0406	0.0201	24	-0.85	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0144	0.9450	0.0100	0.9743	0.0406	0.0201	24	-0.72	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0171	0.9450	0.0100	0.9743	0.0406	0.0201	24	-0.72	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0004	0.9550	0.0100	0.9743	0.0406	0.0201	24	-0.48	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0910	0.9550	0.0300	0.9743	0.0406	0.0201	24	-0.48	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0049	0.9650	0.0300	0.9743	0.0406	0.0201	24	-0.23	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0358	0.9700	0.0000	0.9743	0.0406	0.0201	24	-0.11	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0208	0.9735	0.0270	0.9743	0.0406	0.0201	24	-0.02	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	2259	0.9745	0.0210	0.9743	0.0406	0.0201	24	0.00	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0139	0.9800	0.0000	0.9743	0.0406	0.0201	24	0.14	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0619	0.9800	0.0220	0.9743	0.0406	0.0201	24	0.14	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	1023	0.9900	0.0000	0.9743	0.0406	0.0201	24	0.39	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0407	0.9910	0.0179	0.9743	0.0406	0.0201	24	0.41	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0098	1.001	0.0352	0.9743	0.0406	0.0201	24	0.67	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	1020	1.005	0.0500	0.9743	0.0406	0.0201	24	0.76	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	2399	1.005	0.0100	0.9743	0.0406	0.0201	24	0.76	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	1021	1.010	0.0000	0.9743	0.0406	0.0201	24	0.88	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0598	1.031	0.0150	0.9743	0.0406	0.0201	24	1.40	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0148	1.040	0.0200	0.9743	0.0406	0.0201	24	1.62	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0226	1.040	0.0200	0.9743	0.0406	0.0201	24	1.62	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0229	0.9600	0.1000	0.9743	0.0406	0.0201	24	-0.35	1%	1
031.42	Phosphorus, ICP, Open vessel (%)	0026	0.8455	0.1570	1.006	0.0678	0.0571	22	-2.36	8%	0
031.42	Phosphorus, ICP, Open vessel (%)	0692	0.9200	0.1000	1.006	0.0678	0.0571	22	-1.26	4%	0
031.42	Phosphorus, ICP, Open vessel (%)	0045	0.9320	0.0880	1.006	0.0678	0.0571	22	-1.09	4%	0
031.42	Phosphorus, ICP, Open vessel (%)	0042	0.9345	0.0810	1.006	0.0678	0.0571	22	-1.05	4%	0
031.42	Phosphorus, ICP, Open vessel (%)	0263	0.9580	0.0120	1.006	0.0678	0.0571	22	-0.70	2%	0

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031.42	Phosphorus, ICP, Open vessel (%)	0366	0.9600	0.0400	1.006	0.0678	0.0571	22	-0.67	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0504	0.9605	0.1330	1.006	0.0678	0.0571	22	-0.66	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	2129	0.9653	0.0196	1.006	0.0678	0.0571	22	-0.59	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0693	0.9900	0.0060	1.006	0.0678	0.0571	22	-0.23	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0186	0.9937	0.0002	1.006	0.0678	0.0571	22	-0.17	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	2319	1.000	0.0000	1.006	0.0678	0.0571	22	-0.08	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0278	1.010	0.0400	1.006	0.0678	0.0571	22	0.07	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0037	1.012	0.0340	1.006	0.0678	0.0571	22	0.10	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0294	1.035	0.0100	1.006	0.0678	0.0571	22	0.44	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0014	1.040	0.0600	1.006	0.0678	0.0571	22	0.51	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0190	1.040	0.0000	1.006	0.0678	0.0571	22	0.51	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0357	1.040	0.0244	1.006	0.0678	0.0571	22	0.51	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0870	1.057	0.0260	1.006	0.0678	0.0571	22	0.76	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	0726	1.065	0.0100	1.006	0.0678	0.0571	22	0.88	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	0047	1.090	0.2200	1.006	0.0678	0.0571	22	1.25	4%	0
031.42	Phosphorus, ICP, Open vessel (%)	2375	1.140	0.1200	1.006	0.0678	0.0571	22	1.99	7%	0
031.42	Phosphorus, ICP, Open vessel (%)	2433	1.259	0.0620	1.006	0.0678	0.0571	22	3.74	13%	0
031.43	Phosphorus, ICP, Microwave (%)	0968	0.9010	0.0160	1.006	0.0584	0.0211	34	-1.80	5%	0
031.43	Phosphorus, ICP, Microwave (%)	0610	0.9250	0.0300	1.006	0.0584	0.0211	34	-1.39	4%	0
031.43	Phosphorus, ICP, Microwave (%)	0083	0.9300	0.0000	1.006	0.0584	0.0211	34	-1.31	4%	0
031.43	Phosphorus, ICP, Microwave (%)	0089	0.9300	0.0000	1.006	0.0584	0.0211	34	-1.31	4%	0
031.43	Phosphorus, ICP, Microwave (%)	0001	0.9395	0.0110	1.006	0.0584	0.0211	34	-1.15	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0010	0.9500	0.0000	1.006	0.0584	0.0211	34	-0.97	3%	0
031.43	Phosphorus, ICP, Microwave (%)	2326	0.9500	0.0200	1.006	0.0584	0.0211	34	-0.97	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0226	0.9600	0.0200	1.006	0.0584	0.0211	34	-0.79	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0511	0.9600	0.0400	1.006	0.0584	0.0211	34	-0.79	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0027	0.9792	0.0089	1.006	0.0584	0.0211	34	-0.47	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0098	0.9877	0.0447	1.006	0.0584	0.0211	34	-0.32	1%	0
031.43	Phosphorus, ICP, Microwave (%)	2435	0.9885	0.0090	1.006	0.0584	0.0211	34	-0.31	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0682	0.9900	0.0000	1.006	0.0584	0.0211	34	-0.28	1%	0
031.43	Phosphorus, ICP, Microwave (%)	2089	1.000	0.0000	1.006	0.0584	0.0211	34	-0.11	0%	0
031.43	Phosphorus, ICP, Microwave (%)	2436	1.003	0.0011	1.006	0.0584	0.0211	34	-0.06	0%	0
031.43	Phosphorus, ICP, Microwave (%)	2438	1.008	0.0113	1.006	0.0584	0.0211	34	0.03	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0297	1.010	0.0400	1.006	0.0584	0.0211	34	0.06	0%	0
031.43	Phosphorus, ICP, Microwave (%)	2124	1.010	0.0000	1.006	0.0584	0.0211	34	0.06	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0354	1.011	0.0050	1.006	0.0584	0.0211	34	0.07	0%	0
031.43	Phosphorus, ICP, Microwave (%)	2439	1.011	0.0081	1.006	0.0584	0.0211	34	0.08	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0017	1.015	0.0098	1.006	0.0584	0.0211	34	0.15	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0345	1.017	0.0100	1.006	0.0584	0.0211	34	0.18	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0035	1.025	0.0100	1.006	0.0584	0.0211	34	0.32	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0505	1.025	0.0100	1.006	0.0584	0.0211	34	0.32	1%	0
031.43	Phosphorus, ICP, Microwave (%)	2437	1.028	0.0157	1.006	0.0584	0.0211	34	0.37	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 (%)	2429	1.036	0.0163	1.006	0.0584	0.0211	34	0.50	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0407	1.043	0.0418	1.006	0.0584	0.0211	34	0.62	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0036	1.054	0.0224	1.006	0.0584	0.0211	34	0.81	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0510	1.055	0.0300	1.006	0.0584	0.0211	34	0.83	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0870	1.087	0.0460	1.006	0.0584	0.0211	34	1.38	4%	0
031.43	Phosphorus, ICP, Microwave (%)	0202	1.090	0.0400	1.006	0.0584	0.0211	34	1.43	4%	0
031.43	Phosphorus, ICP, Microwave (%)	0353	1.120	0.0200	1.006	0.0584	0.0211	34	1.94	6%	0
031.43	Phosphorus, ICP, Microwave (%)	0043	1.135	0.0100	1.006	0.0584	0.0211	34	2.20	6%	0
031.43	Phosphorus, ICP, Microwave (%)	0038	1.245	0.0500	1.006	0.0584	0.0211	34	4.08	12%	0
031.43	Phosphorus, ICP, Microwave (%)	2033	0.0097	0.0002	1.006	0.0584	0.0211	34	-17.06	50%	2
031.44	Phosphorus, ICP, Dry ash (%)	2420	0.8300	0.1200	0.9561	0.0557	0.0319	22	-2.26	7%	0
031.44	Phosphorus, ICP, Dry ash (%)	2422	0.8750	0.0100	0.9561	0.0557	0.0319	22	-1.46	4%	0
031.44	Phosphorus, ICP, Dry ash (%)	2421	0.8800	0.0400	0.9561	0.0557	0.0319	22	-1.37	4%	0
031.44	Phosphorus, ICP, Dry ash (%)	2426	0.9050	0.0100	0.9561	0.0557	0.0319	22	-0.92	3%	0
031.44	Phosphorus, ICP, Dry ash (%)	2419	0.9100	0.0200	0.9561	0.0557	0.0319	22	-0.83	2%	0
031.44	Phosphorus, ICP, Dry ash (%)	2452	0.9100	0.0400	0.9561	0.0557	0.0319	22	-0.83	2%	0
031.44	Phosphorus, ICP, Dry ash (%)	0066	0.9230	0.0460	0.9561	0.0557	0.0319	22	-0.59	2%	0
031.44	Phosphorus, ICP, Dry ash (%)	2417	0.9250	0.0700	0.9561	0.0557	0.0319	22	-0.56	2%	0
031.44	Phosphorus, ICP, Dry ash (%)	2424	0.9300	0.0400	0.9561	0.0557	0.0319	22	-0.47	1%	0
031.44	Phosphorus, ICP, Dry ash (%)	2416	0.9550	0.0100	0.9561	0.0557	0.0319	22	-0.02	0%	0
031.44	Phosphorus, ICP, Dry ash (%)	2252	0.9650	0.0300	0.9561	0.0557	0.0319	22	0.16	0%	0
031.44	Phosphorus, ICP, Dry ash (%)	2408	0.9800	0.0000	0.9561	0.0557	0.0319	22	0.43	1%	0
031.44	Phosphorus, ICP, Dry ash (%)	2220	0.9820	0.0900	0.9561	0.0557	0.0319	22	0.46	1%	0
031.44	Phosphorus, ICP, Dry ash (%)	2361	0.9905	0.0390	0.9561	0.0557	0.0319	22	0.62	2%	0
031.44	Phosphorus, ICP, Dry ash (%)	2293	0.9925	0.0510	0.9561	0.0557	0.0319	22	0.65	2%	0
031.44	Phosphorus, ICP, Dry ash (%)	2445	0.9950	0.0100	0.9561	0.0557	0.0319	22	0.70	2%	0
031.44	Phosphorus, ICP, Dry ash (%)	2362	0.9975	0.0290	0.9561	0.0557	0.0319	22	0.74	2%	0
031.44	Phosphorus, ICP, Dry ash (%)	1022	1.000	0.0200	0.9561	0.0557	0.0319	22	0.79	2%	0
031.44	Phosphorus, ICP, Dry ash (%)	2156	1.000	0.0400	0.9561	0.0557	0.0319	22	0.79	2%	0
031.44	Phosphorus, ICP, Dry ash (%)	2330	1.002	0.0170	0.9561	0.0557	0.0319	22	0.81	2%	0
031.44	Phosphorus, ICP, Dry ash (%)	2114	1.020	0.0149	0.9561	0.0557	0.0319	22	1.14	3%	0
031.44	Phosphorus, ICP, Dry ash (%)	0164	1.025	0.0100	0.9561	0.0557	0.0319	22	1.24	4%	0
031.52	Phosphorus, ICP-MS, Open vessel (%)	0186	0.9696	0.0011				2			0
031.52	Phosphorus, ICP-MS, Open vessel (%)	0154	0.9849	0.0228				2			0
031.53	Phosphorus, ICP-MS, Microwave (%)	0939	0.9850	0.0300	1.115	0.2099	0.0145	4			0
031.53	Phosphorus, ICP-MS, Microwave (%)	0407	0.9858	0.0079	1.115	0.2099	0.0145	4			0
031.53	Phosphorus, ICP-MS, Microwave (%)	2428	1.065	0.0100	1.115	0.2099	0.0145	4			0
031.53	Phosphorus, ICP-MS, Microwave (%)	2409	1.425	0.0100	1.115	0.2099	0.0145	4			0
031.99	Phosphorus, Miscellaneous (%)	2302	0.8400	0.0000	0.9460	0.0818	0.0133	5			0
031.99	Phosphorus, Miscellaneous (%)	0676	0.9050	0.0100	0.9460	0.0818	0.0133	5			0
031.99	Phosphorus, Miscellaneous (%)	0242	0.9500	0.0000	0.9460	0.0818	0.0133	5			0
031.99	Phosphorus, Miscellaneous (%)	0100	0.9750	0.0100	0.9460	0.0818	0.0133	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			
031.99	Phosphorus, Miscellaneous (%)	0123	1.060	0.0200	0.9460	0.0818	0.0133	5			0
032.02	Potassium, Flame Emission (%)	2392	0.7350	0.0100				1			0
032.08	Potassium, Ion-selective electrode (%)	2434	0.7010	0.0000				1			0
032.31	Potassium, AAS, Dry ash (%)	0536	0.6150	0.0100	0.7209	0.0736	0.0146	10	-1.44	7%	0
032.31	Potassium, AAS, Dry ash (%)	0038	0.6305	0.0390	0.7209	0.0736	0.0146	10	-1.23	6%	0
032.31	Potassium, AAS, Dry ash (%)	2196	0.6900	0.0000	0.7209	0.0736	0.0146	10	-0.42	2%	0
032.31	Potassium, AAS, Dry ash (%)	0142	0.7083	0.0260	0.7209	0.0736	0.0146	10	-0.17	1%	0
032.31	Potassium, AAS, Dry ash (%)	0939	0.7250	0.0100	0.7209	0.0736	0.0146	10	0.06	0%	0
032.31	Potassium, AAS, Dry ash (%)	0563	0.7320	0.0001	0.7209	0.0736	0.0146	10	0.15	1%	0
032.31	Potassium, AAS, Dry ash (%)	2246	0.7377	0.0046	0.7209	0.0736	0.0146	10	0.23	1%	0
032.31	Potassium, AAS, Dry ash (%)	0529	0.7650	0.0100	0.7209	0.0736	0.0146	10	0.60	3%	0
032.31	Potassium, AAS, Dry ash (%)	0208	0.7745	0.0270	0.7209	0.0736	0.0146	10	0.73	4%	0
032.31	Potassium, AAS, Dry ash (%)	0948	0.8395	0.0090	0.7209	0.0736	0.0146	10	1.61	8%	0
032.32	Potassium, AAS, Open vessel (%)	0169	0.7950	0.0100				1			0
032.41	Potassium, ICP, Dry ash (%)	0004	0.6800	0.0000	0.7479	0.0328	0.0164	24	-2.07	5%	0
032.41	Potassium, ICP, Dry ash (%)	0019	0.6850	0.0500	0.7479	0.0328	0.0164	24	-1.92	4%	0
032.41	Potassium, ICP, Dry ash (%)	0674	0.7100	0.0000	0.7479	0.0328	0.0164	24	-1.15	3%	0
032.41	Potassium, ICP, Dry ash (%)	0049	0.7200	0.0400	0.7479	0.0328	0.0164	24	-0.85	2%	0
032.41	Potassium, ICP, Dry ash (%)	0171	0.7250	0.0100	0.7479	0.0328	0.0164	24	-0.70	2%	0
032.41	Potassium, ICP, Dry ash (%)	0358	0.7250	0.0100	0.7479	0.0328	0.0164	24	-0.70	2%	0
032.41	Potassium, ICP, Dry ash (%)	0619	0.7265	0.0190	0.7479	0.0328	0.0164	24	-0.65	1%	0
032.41	Potassium, ICP, Dry ash (%)	0208	0.7270	0.0040	0.7479	0.0328	0.0164	24	-0.64	1%	0
032.41	Potassium, ICP, Dry ash (%)	0229	0.7300	0.0200	0.7479	0.0328	0.0164	24	-0.54	1%	0
032.41	Potassium, ICP, Dry ash (%)	0598	0.7411	0.0131	0.7479	0.0328	0.0164	24	-0.21	0%	0
032.41	Potassium, ICP, Dry ash (%)	0144	0.7450	0.0100	0.7479	0.0328	0.0164	24	-0.09	0%	0
032.41	Potassium, ICP, Dry ash (%)	1023	0.7450	0.0100	0.7479	0.0328	0.0164	24	-0.09	0%	0
032.41	Potassium, ICP, Dry ash (%)	0139	0.7500	0.0000	0.7479	0.0328	0.0164	24	0.06	0%	0
032.41	Potassium, ICP, Dry ash (%)	2398	0.7500	0.0000	0.7479	0.0328	0.0164	24	0.06	0%	0
032.41	Potassium, ICP, Dry ash (%)	0148	0.7505	0.0050	0.7479	0.0328	0.0164	24	0.08	0%	0
032.41	Potassium, ICP, Dry ash (%)	1020	0.7550	0.0500	0.7479	0.0328	0.0164	24	0.22	0%	0
032.41	Potassium, ICP, Dry ash (%)	0066	0.7625	0.0170	0.7479	0.0328	0.0164	24	0.45	1%	0
032.41	Potassium, ICP, Dry ash (%)	0910	0.7700	0.0400	0.7479	0.0328	0.0164	24	0.67	1%	0
032.41	Potassium, ICP, Dry ash (%)	0098	0.7800	0.0200	0.7479	0.0328	0.0164	24	0.98	2%	0
032.41	Potassium, ICP, Dry ash (%)	0407	0.7842	0.0032	0.7479	0.0328	0.0164	24	1.11	2%	0
032.41	Potassium, ICP, Dry ash (%)	1022	0.7850	0.0100	0.7479	0.0328	0.0164	24	1.13	2%	0
032.41	Potassium, ICP, Dry ash (%)	2399	0.7850	0.0100	0.7479	0.0328	0.0164	24	1.13	2%	0
032.41	Potassium, ICP, Dry ash (%)	1021	0.7900	0.0200	0.7479	0.0328	0.0164	24	1.28	3%	0
032.41	Potassium, ICP, Dry ash (%)	0226	0.7950	0.0100	0.7479	0.0328	0.0164	24	1.44	3%	0
032.42	Potassium, ICP, Open vessel (%)	0045	0.7305	0.0550	0.8010	0.0540	0.0330	18	-1.31	4%	0
032.42	Potassium, ICP, Open vessel (%)	0504	0.7370	0.0780	0.8010	0.0540	0.0330	18	-1.19	4%	0
032.42	Potassium, ICP, Open vessel (%)	2129	0.7567	0.0027	0.8010	0.0540	0.0330	18	-0.82	3%	0
032.42	Potassium, ICP, Open vessel (%)	0263	0.7600	0.0080	0.8010	0.0540	0.0330	18	-0.76	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	
032.42	Potassium, ICP, Open vessel (%)	0357	0.7614	0.0202	0.8010	0.0540	0.0330	18	-0.73	2%	0
032.42	Potassium, ICP, Open vessel (%)	0692	0.7650	0.1300	0.8010	0.0540	0.0330	18	-0.67	2%	0
032.42	Potassium, ICP, Open vessel (%)	0870	0.7745	0.0424	0.8010	0.0540	0.0330	18	-0.49	2%	0
032.42	Potassium, ICP, Open vessel (%)	0278	0.7850	0.0500	0.8010	0.0540	0.0330	18	-0.30	1%	0
032.42	Potassium, ICP, Open vessel (%)	0037	0.7910	0.0060	0.8010	0.0540	0.0330	18	-0.19	1%	0
032.42	Potassium, ICP, Open vessel (%)	0693	0.8000	0.0000	0.8010	0.0540	0.0330	18	-0.02	0%	0
032.42	Potassium, ICP, Open vessel (%)	0042	0.8040	0.0320	0.8010	0.0540	0.0330	18	0.05	0%	0
032.42	Potassium, ICP, Open vessel (%)	0190	0.8200	0.0000	0.8010	0.0540	0.0330	18	0.35	1%	0
032.42	Potassium, ICP, Open vessel (%)	0366	0.8200	0.1000	0.8010	0.0540	0.0330	18	0.35	1%	0
032.42	Potassium, ICP, Open vessel (%)	0186	0.8315	0.0136	0.8010	0.0540	0.0330	18	0.56	2%	0
032.42	Potassium, ICP, Open vessel (%)	0726	0.8450	0.0100	0.8010	0.0540	0.0330	18	0.81	3%	0
032.42	Potassium, ICP, Open vessel (%)	2433	0.8730	0.0080	0.8010	0.0540	0.0330	18	1.33	4%	0
032.42	Potassium, ICP, Open vessel (%)	2375	0.8950	0.0300	0.8010	0.0540	0.0330	18	1.74	6%	0
032.42	Potassium, ICP, Open vessel (%)	0294	1.285	0.0100	0.8010	0.0540	0.0330	18	8.96	30%	0
032.42	Potassium, ICP, Open vessel (%)	0026	0.8110	0.1900	0.8010	0.0540	0.0330	18	0.18	1%	1
032.43	Potassium, ICP, Microwave (%)	2033	0.0079	0.0001	0.7742	0.0342	0.0146	34	-22.44	49%	0
032.43	Potassium, ICP, Microwave (%)	0968	0.6695	0.0110	0.7742	0.0342	0.0146	34	-3.06	7%	0
032.43	Potassium, ICP, Microwave (%)	0610	0.7100	0.0000	0.7742	0.0342	0.0146	34	-1.88	4%	0
032.43	Potassium, ICP, Microwave (%)	0083	0.7250	0.0100	0.7742	0.0342	0.0146	34	-1.44	3%	0
032.43	Potassium, ICP, Microwave (%)	0226	0.7400	0.0000	0.7742	0.0342	0.0146	34	-1.00	2%	0
032.43	Potassium, ICP, Microwave (%)	0511	0.7400	0.0200	0.7742	0.0342	0.0146	34	-1.00	2%	0
032.43	Potassium, ICP, Microwave (%)	0036	0.7411	0.0061	0.7742	0.0342	0.0146	34	-0.97	2%	0
032.43	Potassium, ICP, Microwave (%)	0089	0.7500	0.0000	0.7742	0.0342	0.0146	34	-0.71	2%	0
032.43	Potassium, ICP, Microwave (%)	2124	0.7500	0.0200	0.7742	0.0342	0.0146	34	-0.71	2%	0
032.43	Potassium, ICP, Microwave (%)	0043	0.7600	0.0200	0.7742	0.0342	0.0146	34	-0.41	1%	0
032.43	Potassium, ICP, Microwave (%)	0682	0.7600	0.0000	0.7742	0.0342	0.0146	34	-0.41	1%	0
032.43	Potassium, ICP, Microwave (%)	2445	0.7600	0.0200	0.7742	0.0342	0.0146	34	-0.41	1%	0
032.43	Potassium, ICP, Microwave (%)	0345	0.7635	0.0110	0.7742	0.0342	0.0146	34	-0.31	1%	0
032.43	Potassium, ICP, Microwave (%)	0010	0.7650	0.0100	0.7742	0.0342	0.0146	34	-0.27	1%	0
032.43	Potassium, ICP, Microwave (%)	0510	0.7750	0.0100	0.7742	0.0342	0.0146	34	0.02	0%	0
032.43	Potassium, ICP, Microwave (%)	0027	0.7768	0.0074	0.7742	0.0342	0.0146	34	0.08	0%	0
032.43	Potassium, ICP, Microwave (%)	0017	0.7788	0.0158	0.7742	0.0342	0.0146	34	0.14	0%	0
032.43	Potassium, ICP, Microwave (%)	0202	0.7800	0.0400	0.7742	0.0342	0.0146	34	0.17	0%	0
032.43	Potassium, ICP, Microwave (%)	2089	0.7800	0.0200	0.7742	0.0342	0.0146	34	0.17	0%	0
032.43	Potassium, ICP, Microwave (%)	2435	0.7810	0.0040	0.7742	0.0342	0.0146	34	0.20	0%	0
032.43	Potassium, ICP, Microwave (%)	2438	0.7823	0.0203	0.7742	0.0342	0.0146	34	0.24	1%	0
032.43	Potassium, ICP, Microwave (%)	0098	0.7850	0.0100	0.7742	0.0342	0.0146	34	0.32	1%	0
032.43	Potassium, ICP, Microwave (%)	2429	0.7864	0.0055	0.7742	0.0342	0.0146	34	0.36	1%	0
032.43	Potassium, ICP, Microwave (%)	2439	0.7903	0.0005	0.7742	0.0342	0.0146	34	0.47	1%	0
032.43	Potassium, ICP, Microwave (%)	2437	0.7923	0.0034	0.7742	0.0342	0.0146	34	0.53	1%	0
032.43	Potassium, ICP, Microwave (%)	2436	0.7932	0.0007	0.7742	0.0342	0.0146	34	0.56	1%	0
032.43	Potassium, ICP, Microwave (%)	0035	0.7950	0.0100	0.7742	0.0342	0.0146	34	0.61	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
032.43	Potassium, ICP, Microwave (%)	0407	0.7963	0.0217	0.7742	0.0342	0.0146	34	0.65	1%	0
032.43	Potassium, ICP, Microwave (%)	0870	0.8002	0.0334	0.7742	0.0342	0.0146	34	0.76	2%	0
032.43	Potassium, ICP, Microwave (%)	0505	0.8100	0.0000	0.7742	0.0342	0.0146	34	1.05	2%	0
032.43	Potassium, ICP, Microwave (%)	0354	0.8200	0.0460	0.7742	0.0342	0.0146	34	1.34	3%	0
032.43	Potassium, ICP, Microwave (%)	0353	0.8350	0.0100	0.7742	0.0342	0.0146	34	1.78	4%	0
032.43	Potassium, ICP, Microwave (%)	2326	0.8750	0.0300	0.7742	0.0342	0.0146	34	2.95	7%	0
032.43	Potassium, ICP, Microwave (%)	0297	1.275	0.0500	0.7742	0.0342	0.0146	34	14.66	32%	0
032.43	Potassium, ICP, Microwave (%)	0038	0.8355	0.0930	0.7742	0.0342	0.0146	34	1.80	4%	1
032.44	Potassium, ICP, Dry ash (%)	2420	0.6750	0.0900	0.7270	0.0163	0.0238	19	-3.19	4%	0
032.44	Potassium, ICP, Dry ash (%)	2252	0.6975	0.0050	0.7270	0.0163	0.0238	19	-1.81	2%	0
032.44	Potassium, ICP, Dry ash (%)	2408	0.7100	0.0000	0.7270	0.0163	0.0238	19	-1.04	1%	0
032.44	Potassium, ICP, Dry ash (%)	2114	0.7143	0.0155	0.7270	0.0163	0.0238	19	-0.78	1%	0
032.44	Potassium, ICP, Dry ash (%)	2422	0.7150	0.0100	0.7270	0.0163	0.0238	19	-0.74	1%	0
032.44	Potassium, ICP, Dry ash (%)	2220	0.7155	0.0530	0.7270	0.0163	0.0238	19	-0.70	1%	0
032.44	Potassium, ICP, Dry ash (%)	2421	0.7200	0.0200	0.7270	0.0163	0.0238	19	-0.43	0%	0
032.44	Potassium, ICP, Dry ash (%)	2426	0.7200	0.0200	0.7270	0.0163	0.0238	19	-0.43	0%	0
032.44	Potassium, ICP, Dry ash (%)	2362	0.7255	0.0210	0.7270	0.0163	0.0238	19	-0.09	0%	0
032.44	Potassium, ICP, Dry ash (%)	2424	0.7300	0.0200	0.7270	0.0163	0.0238	19	0.19	0%	0
032.44	Potassium, ICP, Dry ash (%)	2156	0.7350	0.0500	0.7270	0.0163	0.0238	19	0.49	1%	0
032.44	Potassium, ICP, Dry ash (%)	2417	0.7350	0.0100	0.7270	0.0163	0.0238	19	0.49	1%	0
032.44	Potassium, ICP, Dry ash (%)	2419	0.7350	0.0300	0.7270	0.0163	0.0238	19	0.49	1%	0
032.44	Potassium, ICP, Dry ash (%)	2330	0.7375	0.0370	0.7270	0.0163	0.0238	19	0.65	1%	0
032.44	Potassium, ICP, Dry ash (%)	2361	0.7385	0.0190	0.7270	0.0163	0.0238	19	0.71	1%	0
032.44	Potassium, ICP, Dry ash (%)	2416	0.7400	0.0200	0.7270	0.0163	0.0238	19	0.80	1%	0
032.44	Potassium, ICP, Dry ash (%)	2452	0.7400	0.0200	0.7270	0.0163	0.0238	19	0.80	1%	0
032.44	Potassium, ICP, Dry ash (%)	2293	0.7445	0.0330	0.7270	0.0163	0.0238	19	1.08	1%	0
032.44	Potassium, ICP, Dry ash (%)	0164	0.7830	0.0100	0.7270	0.0163	0.0238	19	3.45	4%	0
032.52	Potassium, ICP-MS, Open vessel (%)	0154	0.6447	0.0063				3			0
032.52	Potassium, ICP-MS, Open vessel (%)	2319	0.7150	0.0100				3			0
032.52	Potassium, ICP-MS, Open vessel (%)	0186	0.7688	0.0093				3			0
032.53	Potassium, ICP-MS, Microwave (%)	0939	0.7200	0.0200				3			0
032.53	Potassium, ICP-MS, Microwave (%)	2409	0.7200	0.0000				3			0
032.53	Potassium, ICP-MS, Microwave (%)	2428	0.7280	0.0080				3			0
032.53	Potassium, ICP-MS, Microwave (%)	0407	0.7967	0.0102				3			2
032.99	Potassium, Miscellaneous (%)	0242	0.7400	0.0000				3			0
032.99	Potassium, Miscellaneous (%)	0001	0.7555	0.0010				3			0
032.99	Potassium, Miscellaneous (%)	0123	0.7700	0.0000				3			0
032.99	Potassium, Miscellaneous (%)	0100	0.7500	0.0200				3			1
033.00	Salt as chloride, Sol Cl (%)	0366	0.5550	0.0300	0.9097	0.0577	0.0170	16	-6.15	19%	0
033.00	Salt as chloride, Sol Cl (%)	0539	0.8450	0.0300	0.9097	0.0577	0.0170	16	-1.12	4%	0
033.00	Salt as chloride, Sol Cl (%)	2337	0.8450	0.0100	0.9097	0.0577	0.0170	16	-1.12	4%	0
033.00	Salt as chloride, Sol Cl (%)	2193	0.8700	0.0200	0.9097	0.0577	0.0170	16	-0.69	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	
033.00	Salt as chloride, Sol Cl (%)	2453	0.8760	0.0125	0.9097	0.0577	0.0170	16	-0.58	2%	0
033.00	Salt as chloride, Sol Cl (%)	2009	0.8860	0.0034	0.9097	0.0577	0.0170	16	-0.41	1%	0
033.00	Salt as chloride, Sol Cl (%)	2196	0.8900	0.0000	0.9097	0.0577	0.0170	16	-0.34	1%	0
033.00	Salt as chloride, Sol Cl (%)	0674	0.9100	0.0000	0.9097	0.0577	0.0170	16	0.01	0%	0
033.00	Salt as chloride, Sol Cl (%)	0884	0.9200	0.0000	0.9097	0.0577	0.0170	16	0.18	1%	0
033.00	Salt as chloride, Sol Cl (%)	0921	0.9220	0.0080	0.9097	0.0577	0.0170	16	0.21	1%	0
033.00	Salt as chloride, Sol Cl (%)	0123	0.9300	0.0000	0.9097	0.0577	0.0170	16	0.35	1%	0
033.00	Salt as chloride, Sol Cl (%)	0309	0.9459	0.0024	0.9097	0.0577	0.0170	16	0.63	2%	0
033.00	Salt as chloride, Sol Cl (%)	2022	0.9500	0.0000	0.9097	0.0577	0.0170	16	0.70	2%	0
033.00	Salt as chloride, Sol Cl (%)	0353	0.9600	0.0000	0.9097	0.0577	0.0170	16	0.87	3%	0
033.00	Salt as chloride, Sol Cl (%)	0511	0.9900	0.0000	0.9097	0.0577	0.0170	16	1.39	4%	0
033.00	Salt as chloride, Sol Cl (%)	0045	0.9915	0.0370	0.9097	0.0577	0.0170	16	1.42	4%	0
033.01	Salt as chloride, Poten Cl (%)	0229	0.9100	0.0000	0.9661	0.0255	0.0181	22	-2.20	3%	0
033.01	Salt as chloride, Poten Cl (%)	0278	0.9300	0.0800	0.9661	0.0255	0.0181	22	-1.42	2%	0
033.01	Salt as chloride, Poten Cl (%)	0098	0.9350	0.0100	0.9661	0.0255	0.0181	22	-1.22	2%	0
033.01	Salt as chloride, Poten Cl (%)	0226	0.9350	0.0300	0.9661	0.0255	0.0181	22	-1.22	2%	0
033.01	Salt as chloride, Poten Cl (%)	0354	0.9460	0.0000	0.9661	0.0255	0.0181	22	-0.79	1%	0
033.01	Salt as chloride, Poten Cl (%)	0148	0.9480	0.0160	0.9661	0.0255	0.0181	22	-0.71	1%	0
033.01	Salt as chloride, Poten Cl (%)	0004	0.9550	0.0300	0.9661	0.0255	0.0181	22	-0.44	1%	0
033.01	Salt as chloride, Poten Cl (%)	0083	0.9600	0.0200	0.9661	0.0255	0.0181	22	-0.24	0%	0
033.01	Salt as chloride, Poten Cl (%)	0100	0.9600	0.0000	0.9661	0.0255	0.0181	22	-0.24	0%	0
033.01	Salt as chloride, Poten Cl (%)	0001	0.9650	0.0100	0.9661	0.0255	0.0181	22	-0.04	0%	0
033.01	Salt as chloride, Poten Cl (%)	2375	0.9650	0.0100	0.9661	0.0255	0.0181	22	-0.04	0%	0
033.01	Salt as chloride, Poten Cl (%)	0407	0.9695	0.0010	0.9661	0.0255	0.0181	22	0.13	0%	0
033.01	Salt as chloride, Poten Cl (%)	0242	0.9700	0.0000	0.9661	0.0255	0.0181	22	0.15	0%	0
033.01	Salt as chloride, Poten Cl (%)	0948	0.9700	0.0000	0.9661	0.0255	0.0181	22	0.15	0%	0
033.01	Salt as chloride, Poten Cl (%)	2190	0.9797	0.0123	0.9661	0.0255	0.0181	22	0.53	1%	0
033.01	Salt as chloride, Poten Cl (%)	0939	0.9800	0.0200	0.9661	0.0255	0.0181	22	0.55	1%	0
033.01	Salt as chloride, Poten Cl (%)	0510	0.9890	0.0000	0.9661	0.0255	0.0181	22	0.90	1%	0
033.01	Salt as chloride, Poten Cl (%)	0026	0.9900	0.0000	0.9661	0.0255	0.0181	22	0.94	1%	0
033.01	Salt as chloride, Poten Cl (%)	0682	0.9900	0.0000	0.9661	0.0255	0.0181	22	0.94	1%	0
033.01	Salt as chloride, Poten Cl (%)	2319	0.9900	0.0000	0.9661	0.0255	0.0181	22	0.94	1%	0
033.01	Salt as chloride, Poten Cl (%)	0019	0.9950	0.0100	0.9661	0.0255	0.0181	22	1.13	1%	0
033.01	Salt as chloride, Poten Cl (%)	0186	1.035	0.0300	0.9661	0.0255	0.0181	22	2.71	4%	0
033.01	Salt as chloride, Poten Cl (%)	0619	0.8915	0.0850	0.9661	0.0255	0.0181	22	-2.93	4%	1
033.01	Salt as chloride, Poten Cl (%)	2023	0.5700	0.0000	0.9661	0.0255	0.0181	22	-15.56	21%	2
033.03	Salt as chloride, Quantab (%)	0726	0.8900	0.0600				3			0
033.03	Salt as chloride, Quantab (%)	0190	1.000	0.0000				3			0
033.03	Salt as chloride, Quantab (%)	0505	1.060	0.0000				3			0
033.03	Salt as chloride, Quantab (%)	2076	1.060	0.1400				3			1
033.03	Salt as chloride, Quantab (%)	0144	0.3200	0.0000				3			2
033.05	Salt as chloride, Ion Sel Electrode (%)	2433	0.5861	0.0067	0.8183	0.1577	0.0084	4			0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs			
033.05	Salt as chloride, Ion Sel Electrode (%)	2434	0.8623	0.0000	0.8183	0.1577	0.0084	4			0
033.05	Salt as chloride, Ion Sel Electrode (%)	0171	0.8900	0.0000	0.8183	0.1577	0.0084	4			0
033.05	Salt as chloride, Ion Sel Electrode (%)	0689	0.9350	0.0100	0.8183	0.1577	0.0084	4			0
033.99	Salt, Miscellaneous (%)	0358	0.5850	0.0100	0.8944	0.2003	0.0629	11	-1.54	17%	0
033.99	Salt, Miscellaneous (%)	0017	0.6158	0.0037	0.8944	0.2003	0.0629	11	-1.39	16%	0
033.99	Salt, Miscellaneous (%)	0650	0.8200	0.1200	0.8944	0.2003	0.0629	11	-0.37	4%	0
033.99	Salt, Miscellaneous (%)	2181	0.8400	0.0600	0.8944	0.2003	0.0629	11	-0.27	3%	0
033.99	Salt, Miscellaneous (%)	0910	0.8900	0.0600	0.8944	0.2003	0.0629	11	-0.02	0%	0
033.99	Salt, Miscellaneous (%)	2246	0.9300	0.0000	0.8944	0.2003	0.0629	11	0.18	2%	0
033.99	Salt, Miscellaneous (%)	0208	0.9335	0.0210	0.8944	0.2003	0.0629	11	0.20	2%	0
033.99	Salt, Miscellaneous (%)	2250	0.9600	0.0000	0.8944	0.2003	0.0629	11	0.33	4%	0
033.99	Salt, Miscellaneous (%)	0914	1.000	0.0000	0.8944	0.2003	0.0629	11	0.53	6%	0
033.99	Salt, Miscellaneous (%)	2326	1.060	0.2600	0.8944	0.2003	0.0629	11	0.83	9%	0
033.99	Salt, Miscellaneous (%)	0536	1.360	0.0000	0.8944	0.2003	0.0629	11	2.32	26%	0
033.99	Salt, Miscellaneous (%)	2129	0.6370	0.6525	0.8944	0.2003	0.0629	11	-1.28	14%	1
034.01	Selenium, Total (Se), Fluor (ppm)	0038	0.7875	0.0290				1			0
034.04	Selenium, Total (Se), AA, Hydride (ppm)	0171	0.6100	0.1400	0.6681	0.0622	0.0729	4			0
034.04	Selenium, Total (Se), AA, Hydride (ppm)	0045	0.6260	0.0420	0.6681	0.0622	0.0729	4			0
034.04	Selenium, Total (Se), AA, Hydride (ppm)	0563	0.6916	0.0995	0.6681	0.0622	0.0729	4			0
034.04	Selenium, Total (Se), AA, Hydride (ppm)	0169	0.7450	0.0100	0.6681	0.0622	0.0729	4			0
034.41	Selenium, Total (Se), ICP, Dry ash (ppm)	0619	0.6740	0.0260				2			0
034.41	Selenium, Total (Se), ICP, Dry ash (ppm)	0148	0.7045	0.0670				2			0
034.42	Selenium, Total (Se), ICP, Open vessel (ppm)	0692	1.400	0.2000				2			0
034.42	Selenium, Total (Se), ICP, Open vessel (ppm)	2433	7.953	1.155				2			0
034.43	Selenium, Total (Se), ICP, Microwave (ppm)	0066	0.4190	0.0160				2			0
034.43	Selenium, Total (Se), ICP, Microwave (ppm)	2114	0.7470	0.0063				2			0
034.43	Selenium, Total (Se), ICP, Microwave (ppm)	0682	< 5					2			5
034.52	Selenium, Total (Se), ICP-MS, Open vessel (ppm)	0047	0.5695	0.0510				3			0
034.52	Selenium, Total (Se), ICP-MS, Open vessel (ppm)	0910	0.7500	0.0200				3			0
034.52	Selenium, Total (Se), ICP-MS, Open vessel (ppm)	0186	0.9196	0.0513				3			0
034.53	Selenium, Total (Se), ICP-MS, Microwave (ppm)	0009	0.5130	0.0443	0.7928	0.2020	0.0394	7	-1.39	18%	0
034.53	Selenium, Total (Se), ICP-MS, Microwave (ppm)	0164	0.6740	0.0580	0.7928	0.2020	0.0394	7	-0.59	7%	0
034.53	Selenium, Total (Se), ICP-MS, Microwave (ppm)	2033	0.7800	0.0000	0.7928	0.2020	0.0394	7	-0.06	1%	0
034.53	Selenium, Total (Se), ICP-MS, Microwave (ppm)	0560	0.7989	0.0103	0.7928	0.2020	0.0394	7	0.03	0%	0
034.53	Selenium, Total (Se), ICP-MS, Microwave (ppm)	0610	0.8250	0.0100	0.7928	0.2020	0.0394	7	0.16	2%	0
034.53	Selenium, Total (Se), ICP-MS, Microwave (ppm)	2428	0.8630	0.0120	0.7928	0.2020	0.0394	7	0.35	4%	0
034.53	Selenium, Total (Se), ICP-MS, Microwave (ppm)	0407	1.408	0.1603	0.7928	0.2020	0.0394	7	3.05	39%	0
034.99	Selenium, Total (Se), Miscellaneous (ppm)	0190	1.227	0.0010				1			0
035.05	Sodium, Flame Emission (%)	0108	0.2150	0.0100				2			0
035.05	Sodium, Flame Emission (%)	2392	0.2305	0.0010				2			0
035.31	Sodium, AAS, Dry ash (%)	0536	0.1500	0.0200	0.2281	0.0298	0.0138	10	-2.62	17%	0
035.31	Sodium, AAS, Dry ash (%)	0038	0.2080	0.0120	0.2281	0.0298	0.0138	10	-0.67	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	
035.31	Sodium, AAS, Dry ash (%)	0939	0.2100	0.0000	0.2281	0.0298	0.0138	10	-0.61	4%	0
035.31	Sodium, AAS, Dry ash (%)	0529	0.2110	0.0000	0.2281	0.0298	0.0138	10	-0.57	4%	0
035.31	Sodium, AAS, Dry ash (%)	0563	0.2279	0.0020	0.2281	0.0298	0.0138	10	-0.01	0%	0
035.31	Sodium, AAS, Dry ash (%)	0142	0.2282	0.0156	0.2281	0.0298	0.0138	10	0.00	0%	0
035.31	Sodium, AAS, Dry ash (%)	2196	0.2400	0.0000	0.2281	0.0298	0.0138	10	0.40	3%	0
035.31	Sodium, AAS, Dry ash (%)	2246	0.2400	0.0000	0.2281	0.0298	0.0138	10	0.40	3%	0
035.31	Sodium, AAS, Dry ash (%)	0208	0.2640	0.0220	0.2281	0.0298	0.0138	10	1.20	8%	0
035.31	Sodium, AAS, Dry ash (%)	0948	0.2685	0.0110	0.2281	0.0298	0.0138	10	1.35	9%	0
035.32	Sodium, AAS, Open vessel (%)	0169	0.2150	0.0100				1			0
035.41	Sodium, ICP, Dry ash (%)	0171	0.2250	0.0100	0.2381	0.0090	0.0079	42	-1.45	3%	0
035.41	Sodium, ICP, Dry ash (%)	2421	0.2250	0.0100	0.2381	0.0090	0.0079	42	-1.45	3%	0
035.41	Sodium, ICP, Dry ash (%)	2422	0.2250	0.0100	0.2381	0.0090	0.0079	42	-1.45	3%	0
035.41	Sodium, ICP, Dry ash (%)	2426	0.2250	0.0100	0.2381	0.0090	0.0079	42	-1.45	3%	0
035.41	Sodium, ICP, Dry ash (%)	2252	0.2290	0.0020	0.2381	0.0090	0.0079	42	-1.01	2%	0
035.41	Sodium, ICP, Dry ash (%)	0208	0.2300	0.0120	0.2381	0.0090	0.0079	42	-0.90	2%	0
035.41	Sodium, ICP, Dry ash (%)	0019	0.2300	0.0000	0.2381	0.0090	0.0079	42	-0.90	2%	0
035.41	Sodium, ICP, Dry ash (%)	0049	0.2300	0.0000	0.2381	0.0090	0.0079	42	-0.90	2%	0
035.41	Sodium, ICP, Dry ash (%)	0358	0.2300	0.0000	0.2381	0.0090	0.0079	42	-0.90	2%	0
035.41	Sodium, ICP, Dry ash (%)	2416	0.2300	0.0000	0.2381	0.0090	0.0079	42	-0.90	2%	0
035.41	Sodium, ICP, Dry ash (%)	2417	0.2300	0.0000	0.2381	0.0090	0.0079	42	-0.90	2%	0
035.41	Sodium, ICP, Dry ash (%)	2419	0.2300	0.0000	0.2381	0.0090	0.0079	42	-0.90	2%	0
035.41	Sodium, ICP, Dry ash (%)	2452	0.2300	0.0000	0.2381	0.0090	0.0079	42	-0.90	2%	0
035.41	Sodium, ICP, Dry ash (%)	0144	0.2350	0.0100	0.2381	0.0090	0.0079	42	-0.34	1%	0
035.41	Sodium, ICP, Dry ash (%)	2408	0.2350	0.0100	0.2381	0.0090	0.0079	42	-0.34	1%	0
035.41	Sodium, ICP, Dry ash (%)	2424	0.2350	0.0100	0.2381	0.0090	0.0079	42	-0.34	1%	0
035.41	Sodium, ICP, Dry ash (%)	2362	0.2355	0.0010	0.2381	0.0090	0.0079	42	-0.29	1%	0
035.41	Sodium, ICP, Dry ash (%)	2259	0.2360	0.0100	0.2381	0.0090	0.0079	42	-0.23	0%	0
035.41	Sodium, ICP, Dry ash (%)	2220	0.2365	0.0190	0.2381	0.0090	0.0079	42	-0.18	0%	0
035.41	Sodium, ICP, Dry ash (%)	2361	0.2395	0.0030	0.2381	0.0090	0.0079	42	0.15	0%	0
035.41	Sodium, ICP, Dry ash (%)	0139	0.2400	0.0000	0.2381	0.0090	0.0079	42	0.21	0%	0
035.41	Sodium, ICP, Dry ash (%)	0674	0.2400	0.0000	0.2381	0.0090	0.0079	42	0.21	0%	0
035.41	Sodium, ICP, Dry ash (%)	0910	0.2400	0.0000	0.2381	0.0090	0.0079	42	0.21	0%	0
035.41	Sodium, ICP, Dry ash (%)	1023	0.2400	0.0000	0.2381	0.0090	0.0079	42	0.21	0%	0
035.41	Sodium, ICP, Dry ash (%)	2156	0.2400	0.0000	0.2381	0.0090	0.0079	42	0.21	0%	0
035.41	Sodium, ICP, Dry ash (%)	2398	0.2400	0.0000	0.2381	0.0090	0.0079	42	0.21	0%	0
035.41	Sodium, ICP, Dry ash (%)	0164	0.2405	0.0030	0.2381	0.0090	0.0079	42	0.26	1%	0
035.41	Sodium, ICP, Dry ash (%)	2330	0.2410	0.0000	0.2381	0.0090	0.0079	42	0.32	1%	0
035.41	Sodium, ICP, Dry ash (%)	0598	0.2422	0.0008	0.2381	0.0090	0.0079	42	0.45	1%	0
035.41	Sodium, ICP, Dry ash (%)	2293	0.2430	0.0060	0.2381	0.0090	0.0079	42	0.54	1%	0
035.41	Sodium, ICP, Dry ash (%)	0066	0.2450	0.0060	0.2381	0.0090	0.0079	42	0.76	1%	0
035.41	Sodium, ICP, Dry ash (%)	0098	0.2450	0.0100	0.2381	0.0090	0.0079	42	0.76	1%	0
035.41	Sodium, ICP, Dry ash (%)	1022	0.2450	0.0100	0.2381	0.0090	0.0079	42	0.76	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	
035.41	Sodium, ICP, Dry ash (%)	2399	0.2450	0.0100	0.2381	0.0090	0.0079	42	0.76	1%	0
035.41	Sodium, ICP, Dry ash (%)	0619	0.2455	0.0110	0.2381	0.0090	0.0079	42	0.82	2%	0
035.41	Sodium, ICP, Dry ash (%)	0407	0.2467	0.0009	0.2381	0.0090	0.0079	42	0.94	2%	0
035.41	Sodium, ICP, Dry ash (%)	0148	0.2470	0.0020	0.2381	0.0090	0.0079	42	0.98	2%	0
035.41	Sodium, ICP, Dry ash (%)	0226	0.2500	0.0000	0.2381	0.0090	0.0079	42	1.31	2%	0
035.41	Sodium, ICP, Dry ash (%)	1020	0.2500	0.0200	0.2381	0.0090	0.0079	42	1.31	2%	0
035.41	Sodium, ICP, Dry ash (%)	1021	0.2500	0.0000	0.2381	0.0090	0.0079	42	1.31	2%	0
035.41	Sodium, ICP, Dry ash (%)	0004	0.2550	0.0100	0.2381	0.0090	0.0079	42	1.87	4%	0
035.41	Sodium, ICP, Dry ash (%)	2114	0.2550	0.0072	0.2381	0.0090	0.0079	42	1.87	4%	0
035.41	Sodium, ICP, Dry ash (%)	2420	0.2150	0.0300	0.2381	0.0090	0.0079	42	-2.56	5%	1
035.41	Sodium, ICP, Dry ash (%)	0229	0.2350	0.0300	0.2381	0.0090	0.0079	42	-0.34	1%	1
035.42	Sodium, ICP, Open vessel (%)	0504	0.2250	0.0100	0.2478	0.0188	0.0082	18	-1.21	5%	0
035.42	Sodium, ICP, Open vessel (%)	2319	0.2260	0.0000	0.2478	0.0188	0.0082	18	-1.16	4%	0
035.42	Sodium, ICP, Open vessel (%)	2129	0.2317	0.0029	0.2478	0.0188	0.0082	18	-0.86	3%	0
035.42	Sodium, ICP, Open vessel (%)	0045	0.2340	0.0040	0.2478	0.0188	0.0082	18	-0.73	3%	0
035.42	Sodium, ICP, Open vessel (%)	0263	0.2345	0.0030	0.2478	0.0188	0.0082	18	-0.70	3%	0
035.42	Sodium, ICP, Open vessel (%)	0190	0.2400	0.0000	0.2478	0.0188	0.0082	18	-0.41	2%	0
035.42	Sodium, ICP, Open vessel (%)	0870	0.2400	0.0146	0.2478	0.0188	0.0082	18	-0.41	2%	0
035.42	Sodium, ICP, Open vessel (%)	0037	0.2425	0.0010	0.2478	0.0188	0.0082	18	-0.28	1%	0
035.42	Sodium, ICP, Open vessel (%)	0366	0.2440	0.0120	0.2478	0.0188	0.0082	18	-0.20	1%	0
035.42	Sodium, ICP, Open vessel (%)	0357	0.2444	0.0064	0.2478	0.0188	0.0082	18	-0.18	1%	0
035.42	Sodium, ICP, Open vessel (%)	0693	0.2445	0.0010	0.2478	0.0188	0.0082	18	-0.17	1%	0
035.42	Sodium, ICP, Open vessel (%)	0278	0.2500	0.0200	0.2478	0.0188	0.0082	18	0.12	0%	0
035.42	Sodium, ICP, Open vessel (%)	0726	0.2500	0.0000	0.2478	0.0188	0.0082	18	0.12	0%	0
035.42	Sodium, ICP, Open vessel (%)	0042	0.2580	0.0080	0.2478	0.0188	0.0082	18	0.54	2%	0
035.42	Sodium, ICP, Open vessel (%)	0186	0.2672	0.0042	0.2478	0.0188	0.0082	18	1.03	4%	0
035.42	Sodium, ICP, Open vessel (%)	2375	0.3050	0.0100	0.2478	0.0188	0.0082	18	3.04	12%	0
035.42	Sodium, ICP, Open vessel (%)	0294	0.4050	0.0100	0.2478	0.0188	0.0082	18	8.35	32%	0
035.42	Sodium, ICP, Open vessel (%)	2433	0.4595	0.0230	0.2478	0.0188	0.0082	18	11.24	43%	0
035.42	Sodium, ICP, Open vessel (%)	0692	0.2300	0.0400	0.2478	0.0188	0.0082	18	-0.94	4%	1
035.43	Sodium, ICP, Microwave (%)	2033	0.0024	0.0000	0.2438	0.0172	0.0082	30	-14.06	50%	0
035.43	Sodium, ICP, Microwave (%)	0043	0.1615	0.0070	0.2438	0.0172	0.0082	30	-4.79	17%	0
035.43	Sodium, ICP, Microwave (%)	0511	0.2250	0.0300	0.2438	0.0172	0.0082	30	-1.10	4%	0
035.43	Sodium, ICP, Microwave (%)	0968	0.2250	0.0000	0.2438	0.0172	0.0082	30	-1.10	4%	0
035.43	Sodium, ICP, Microwave (%)	0089	0.2300	0.0000	0.2438	0.0172	0.0082	30	-0.80	3%	0
035.43	Sodium, ICP, Microwave (%)	0610	0.2300	0.0000	0.2438	0.0172	0.0082	30	-0.80	3%	0
035.43	Sodium, ICP, Microwave (%)	2124	0.2300	0.0000	0.2438	0.0172	0.0082	30	-0.80	3%	0
035.43	Sodium, ICP, Microwave (%)	2435	0.2335	0.0030	0.2438	0.0172	0.0082	30	-0.60	2%	0
035.43	Sodium, ICP, Microwave (%)	0345	0.2390	0.0060	0.2438	0.0172	0.0082	30	-0.28	1%	0
035.43	Sodium, ICP, Microwave (%)	2429	0.2398	0.0008	0.2438	0.0172	0.0082	30	-0.23	1%	0
035.43	Sodium, ICP, Microwave (%)	0083	0.2400	0.0000	0.2438	0.0172	0.0082	30	-0.22	1%	0
035.43	Sodium, ICP, Microwave (%)	0098	0.2400	0.0000	0.2438	0.0172	0.0082	30	-0.22	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	
035.43	Sodium, ICP, Microwave (%)	0226	0.2400	0.0000	0.2438	0.0172	0.0082	30	-0.22	1%	0
035.43	Sodium, ICP, Microwave (%)	0505	0.2400	0.0000	0.2438	0.0172	0.0082	30	-0.22	1%	0
035.43	Sodium, ICP, Microwave (%)	0682	0.2400	0.0000	0.2438	0.0172	0.0082	30	-0.22	1%	0
035.43	Sodium, ICP, Microwave (%)	2438	0.2403	0.0086	0.2438	0.0172	0.0082	30	-0.20	1%	0
035.43	Sodium, ICP, Microwave (%)	2436	0.2407	0.0051	0.2438	0.0172	0.0082	30	-0.18	1%	0
035.43	Sodium, ICP, Microwave (%)	0017	0.2423	0.0015	0.2438	0.0172	0.0082	30	-0.09	0%	0
035.43	Sodium, ICP, Microwave (%)	2439	0.2442	0.0010	0.2438	0.0172	0.0082	30	0.02	0%	0
035.43	Sodium, ICP, Microwave (%)	0870	0.2466	0.0108	0.2438	0.0172	0.0082	30	0.16	1%	0
035.43	Sodium, ICP, Microwave (%)	0407	0.2496	0.0088	0.2438	0.0172	0.0082	30	0.34	1%	0
035.43	Sodium, ICP, Microwave (%)	0035	0.2500	0.0000	0.2438	0.0172	0.0082	30	0.36	1%	0
035.43	Sodium, ICP, Microwave (%)	0354	0.2500	0.0120	0.2438	0.0172	0.0082	30	0.36	1%	0
035.43	Sodium, ICP, Microwave (%)	0202	0.2550	0.0100	0.2438	0.0172	0.0082	30	0.65	2%	0
035.43	Sodium, ICP, Microwave (%)	2089	0.2600	0.0200	0.2438	0.0172	0.0082	30	0.94	3%	0
035.43	Sodium, ICP, Microwave (%)	0353	0.2691	0.0072	0.2438	0.0172	0.0082	30	1.47	5%	0
035.43	Sodium, ICP, Microwave (%)	2326	0.2750	0.0100	0.2438	0.0172	0.0082	30	1.82	6%	0
035.43	Sodium, ICP, Microwave (%)	0038	0.2955	0.0370	0.2438	0.0172	0.0082	30	3.01	11%	0
035.43	Sodium, ICP, Microwave (%)	0510	0.3565	0.0010	0.2438	0.0172	0.0082	30	6.56	23%	0
035.43	Sodium, ICP, Microwave (%)	0297	0.4050	0.0100	0.2438	0.0172	0.0082	30	9.39	33%	0
035.43	Sodium, ICP, Microwave (%)	2437	1,203	2,405	0.2438	0.0172	0.0082	30	>100	246578%	2
035.52	Sodium, ICP-MS, Open vessel (%)	0154	0.2260	0.0014				2			0
035.52	Sodium, ICP-MS, Open vessel (%)	0186	0.2423	0.0005				2			0
035.53	Sodium, ICP-MS, Microwave (%)	2409	0.1900	0.0000	0.2128	0.0213	0.0085	4			0
035.53	Sodium, ICP-MS, Microwave (%)	0043	0.2098	0.0025	0.2128	0.0213	0.0085	4			0
035.53	Sodium, ICP-MS, Microwave (%)	0939	0.2100	0.0200	0.2128	0.0213	0.0085	4			0
035.53	Sodium, ICP-MS, Microwave (%)	0407	0.2416	0.0031	0.2128	0.0213	0.0085	4			0
035.53	Sodium, ICP-MS, Microwave (%)	2428	2.465	0.0700	0.2128	0.0213	0.0085	4			2
035.99	Sodium, Miscellaneous (%)	0242	0.2250	0.0100				3			0
035.99	Sodium, Miscellaneous (%)	0100	0.2350	0.0100				3			0
035.99	Sodium, Miscellaneous (%)	0123	0.2400	0.0000				3			0
036.00	Sulfur, Gravimetric (%)	0038	0.3350	0.0380				1			0
036.04	Sulfur, LECO (%)	0226	0.3100	0.0000	0.3262	0.0200	0.0051	5			0
036.04	Sulfur, LECO (%)	0148	0.3120	0.0060	0.3262	0.0200	0.0051	5			0
036.04	Sulfur, LECO (%)	0948	0.3132	0.0003	0.3262	0.0200	0.0051	5			0
036.04	Sulfur, LECO (%)	0610	0.3450	0.0100	0.3262	0.0200	0.0051	5			0
036.04	Sulfur, LECO (%)	0001	0.3510	0.0040	0.3262	0.0200	0.0051	5			0
036.04	Sulfur, LECO (%)	0229	0.3500	0.0600	0.3262	0.0200	0.0051	5			1
036.42	Sulfur, ICP, Open vessel (%)	0171	0.2650	0.0100	0.3046	0.0248	0.0134	18	-1.60	7%	0
036.42	Sulfur, ICP, Open vessel (%)	0692	0.2650	0.0300	0.3046	0.0248	0.0134	18	-1.60	7%	0
036.42	Sulfur, ICP, Open vessel (%)	0407	0.2789	0.0070	0.3046	0.0248	0.0134	18	-1.04	4%	0
036.42	Sulfur, ICP, Open vessel (%)	0366	0.2800	0.0200	0.3046	0.0248	0.0134	18	-0.99	4%	0
036.42	Sulfur, ICP, Open vessel (%)	0042	0.2920	0.0160	0.3046	0.0248	0.0134	18	-0.51	2%	0
036.42	Sulfur, ICP, Open vessel (%)	2129	0.2966	0.0285	0.3046	0.0248	0.0134	18	-0.33	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
036.42	Sulfur, ICP, Open vessel (%)	0045	0.2995	0.0110	0.3046	0.0248	0.0134	18	-0.21	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0870	0.3004	0.0140	0.3046	0.0248	0.0134	18	-0.17	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0693	0.3020	0.0140	0.3046	0.0248	0.0134	18	-0.11	0%	0
036.42	Sulfur, ICP, Open vessel (%)	0357	0.3100	0.0085	0.3046	0.0248	0.0134	18	0.22	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0164	0.3100	0.0000	0.3046	0.0248	0.0134	18	0.22	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0190	0.3150	0.0100	0.3046	0.0248	0.0134	18	0.42	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0726	0.3200	0.0000	0.3046	0.0248	0.0134	18	0.62	3%	0
036.42	Sulfur, ICP, Open vessel (%)	2375	0.3200	0.0000	0.3046	0.0248	0.0134	18	0.62	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0186	0.3206	0.0104	0.3046	0.0248	0.0134	18	0.65	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0037	0.3215	0.0070	0.3046	0.0248	0.0134	18	0.68	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0278	0.3400	0.0000	0.3046	0.0248	0.0134	18	1.43	6%	0
036.42	Sulfur, ICP, Open vessel (%)	0294	0.4600	0.0000	0.3046	0.0248	0.0134	18	6.27	26%	0
036.43	Sulfur, ICP, Microwave (%)	2033	0.0030	0.0000	0.3214	0.0207	0.0149	19	-15.39	50%	0
036.43	Sulfur, ICP, Microwave (%)	0083	0.2750	0.0100	0.3214	0.0207	0.0149	19	-2.24	7%	0
036.43	Sulfur, ICP, Microwave (%)	0407	0.2972	0.0342	0.3214	0.0207	0.0149	19	-1.17	4%	0
036.43	Sulfur, ICP, Microwave (%)	2428	0.3025	0.0230	0.3214	0.0207	0.0149	19	-0.91	3%	0
036.43	Sulfur, ICP, Microwave (%)	0043	0.3100	0.0060	0.3214	0.0207	0.0149	19	-0.55	2%	0
036.43	Sulfur, ICP, Microwave (%)	0345	0.3110	0.0080	0.3214	0.0207	0.0149	19	-0.50	2%	0
036.43	Sulfur, ICP, Microwave (%)	0098	0.3162	0.0088	0.3214	0.0207	0.0149	19	-0.25	1%	0
036.43	Sulfur, ICP, Microwave (%)	0035	0.3200	0.0000	0.3214	0.0207	0.0149	19	-0.07	0%	0
036.43	Sulfur, ICP, Microwave (%)	0510	0.3200	0.0000	0.3214	0.0207	0.0149	19	-0.07	0%	0
036.43	Sulfur, ICP, Microwave (%)	0870	0.3224	0.0096	0.3214	0.0207	0.0149	19	0.05	0%	0
036.43	Sulfur, ICP, Microwave (%)	0169	0.3250	0.0100	0.3214	0.0207	0.0149	19	0.17	1%	0
036.43	Sulfur, ICP, Microwave (%)	0202	0.3250	0.0100	0.3214	0.0207	0.0149	19	0.17	1%	0
036.43	Sulfur, ICP, Microwave (%)	0682	0.3300	0.0000	0.3214	0.0207	0.0149	19	0.41	1%	0
036.43	Sulfur, ICP, Microwave (%)	2089	0.3300	0.0000	0.3214	0.0207	0.0149	19	0.41	1%	0
036.43	Sulfur, ICP, Microwave (%)	0505	0.3350	0.0300	0.3214	0.0207	0.0149	19	0.66	2%	0
036.43	Sulfur, ICP, Microwave (%)	0066	0.3370	0.0100	0.3214	0.0207	0.0149	19	0.75	2%	0
036.43	Sulfur, ICP, Microwave (%)	0353	0.3400	0.0000	0.3214	0.0207	0.0149	19	0.90	3%	0
036.43	Sulfur, ICP, Microwave (%)	0038	0.3525	0.0210	0.3214	0.0207	0.0149	19	1.50	5%	0
036.43	Sulfur, ICP, Microwave (%)	0297	0.4700	0.0200	0.3214	0.0207	0.0149	19	7.18	23%	0
036.43	Sulfur, ICP, Microwave (%)	2326	0.3650	0.0700	0.3214	0.0207	0.0149	19	2.11	7%	1
036.52	Sulfur, ICP-MS, Open vessel (%)	0186	0.3058	0.0057				1			0
036.53	Sulfur, ICP-MS, Microwave (%)	0043	0.3180	0.0060				1			0
036.99	Sulfur, Miscellaneous (%)	0242	0.2600	0.0000				2			0
036.99	Sulfur, Miscellaneous (%)	0123	0.3200	0.0200				2			0
037.31	Zinc, AAS, Dry ash (ppm)	2246	139.3	2.260	172.1	16.65	6.927	11	-1.97	10%	0
037.31	Zinc, AAS, Dry ash (ppm)	0689	150.2	16.70	172.1	16.65	6.927	11	-1.32	6%	0
037.31	Zinc, AAS, Dry ash (ppm)	0536	163.4	2.700	172.1	16.65	6.927	11	-0.53	3%	0
037.31	Zinc, AAS, Dry ash (ppm)	0622	163.9	0.2812	172.1	16.65	6.927	11	-0.49	2%	0
037.31	Zinc, AAS, Dry ash (ppm)	0651	168.9	6.817	172.1	16.65	6.927	11	-0.19	1%	0
037.31	Zinc, AAS, Dry ash (ppm)	0529	177.2	3.200	172.1	16.65	6.927	11	0.30	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
037.31	Zinc, AAS, Dry ash (ppm)	0563	179.0	7.857	172.1	16.65	6.927	11	0.41	2%	0
037.31	Zinc, AAS, Dry ash (ppm)	2196	181.2	0.0000	172.1	16.65	6.927	11	0.55	3%	0
037.31	Zinc, AAS, Dry ash (ppm)	0939	183.5	5.000	172.1	16.65	6.927	11	0.68	3%	0
037.31	Zinc, AAS, Dry ash (ppm)	0001	188.1	18.10	172.1	16.65	6.927	11	0.96	5%	0
037.31	Zinc, AAS, Dry ash (ppm)	0208	191.0	8.000	172.1	16.65	6.927	11	1.13	5%	0
037.32	Zinc, AAS, Open vessel (ppm)	0038	196.0	8.000				1			0
037.33	Zinc, AAS, Microwave (ppm)	0948	190.8	2.780				2			0
037.33	Zinc, AAS, Microwave (ppm)	0010	197.2	4.000				2			0
037.34	Zinc, AAS, Dry ash (ppm)	2188	153.4	1.380				1			0
037.41	Zinc, ICP, Dry ash (ppm)	0848	136.6	3.945	173.4	10.97	5.973	25	-3.35	11%	0
037.41	Zinc, ICP, Dry ash (ppm)	0049	152.7	8.100	173.4	10.97	5.973	25	-1.88	6%	0
037.41	Zinc, ICP, Dry ash (ppm)	0619	157.5	5.000	173.4	10.97	5.973	25	-1.45	5%	0
037.41	Zinc, ICP, Dry ash (ppm)	0019	163.3	11.90	173.4	10.97	5.973	25	-0.92	3%	0
037.41	Zinc, ICP, Dry ash (ppm)	0358	164.8	2.730	173.4	10.97	5.973	25	-0.78	2%	0
037.41	Zinc, ICP, Dry ash (ppm)	2408	165.8	2.500	173.4	10.97	5.973	25	-0.69	2%	0
037.41	Zinc, ICP, Dry ash (ppm)	0598	166.7	2.227	173.4	10.97	5.973	25	-0.60	2%	0
037.41	Zinc, ICP, Dry ash (ppm)	2220	169.0	14.40	173.4	10.97	5.973	25	-0.40	1%	0
037.41	Zinc, ICP, Dry ash (ppm)	1023	170.6	4.300	173.4	10.97	5.973	25	-0.26	1%	0
037.41	Zinc, ICP, Dry ash (ppm)	2362	171.2	4.000	173.4	10.97	5.973	25	-0.20	1%	0
037.41	Zinc, ICP, Dry ash (ppm)	0004	172.5	3.130	173.4	10.97	5.973	25	-0.07	0%	0
037.41	Zinc, ICP, Dry ash (ppm)	0139	173.1	0.0000	173.4	10.97	5.973	25	-0.02	0%	0
037.41	Zinc, ICP, Dry ash (ppm)	2330	173.4	1.200	173.4	10.97	5.973	25	0.00	0%	0
037.41	Zinc, ICP, Dry ash (ppm)	2156	173.5	3.700	173.4	10.97	5.973	25	0.01	0%	0
037.41	Zinc, ICP, Dry ash (ppm)	2398	173.8	0.3000	173.4	10.97	5.973	25	0.04	0%	0
037.41	Zinc, ICP, Dry ash (ppm)	0171	175.6	1.800	173.4	10.97	5.973	25	0.20	1%	0
037.41	Zinc, ICP, Dry ash (ppm)	0674	175.8	0.0000	173.4	10.97	5.973	25	0.22	1%	0
037.41	Zinc, ICP, Dry ash (ppm)	0226	176.0	5.200	173.4	10.97	5.973	25	0.24	1%	0
037.41	Zinc, ICP, Dry ash (ppm)	0229	178.6	14.10	173.4	10.97	5.973	25	0.47	1%	0
037.41	Zinc, ICP, Dry ash (ppm)	0098	181.3	3.500	173.4	10.97	5.973	25	0.72	2%	0
037.41	Zinc, ICP, Dry ash (ppm)	0910	184.0	10.00	173.4	10.97	5.973	25	0.97	3%	0
037.41	Zinc, ICP, Dry ash (ppm)	2399	186.2	1.600	173.4	10.97	5.973	25	1.17	4%	0
037.41	Zinc, ICP, Dry ash (ppm)	0208	188.1	8.700	173.4	10.97	5.973	25	1.34	4%	0
037.41	Zinc, ICP, Dry ash (ppm)	0407	197.2	12.72	173.4	10.97	5.973	25	2.17	7%	0
037.41	Zinc, ICP, Dry ash (ppm)	0148	201.1	18.46	173.4	10.97	5.973	25	2.53	8%	0
037.42	Zinc, ICP, Open vessel (ppm)	0692	171.5	3.000	201.6	22.33	7.866	19	-1.35	7%	0
037.42	Zinc, ICP, Open vessel (ppm)	0870	172.8	0.5000	201.6	22.33	7.866	19	-1.29	7%	0
037.42	Zinc, ICP, Open vessel (ppm)	0026	173.4	53.07	201.6	22.33	7.866	19	-1.26	7%	0
037.42	Zinc, ICP, Open vessel (ppm)	2129	184.4	1.900	201.6	22.33	7.866	19	-0.77	4%	0
037.42	Zinc, ICP, Open vessel (ppm)	0045	189.0	16.00	201.6	22.33	7.866	19	-0.57	3%	0
037.42	Zinc, ICP, Open vessel (ppm)	0186	192.3	6.130	201.6	22.33	7.866	19	-0.42	2%	0
037.42	Zinc, ICP, Open vessel (ppm)	0263	192.4	1.167	201.6	22.33	7.866	19	-0.41	2%	0
037.42	Zinc, ICP, Open vessel (ppm)	2319	193.0	2.000	201.6	22.33	7.866	19	-0.39	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
037.42	Zinc, ICP, Open vessel (ppm)	0366	196.5	23.00	201.6	22.33	7.866	19	-0.23	1%	0
037.42	Zinc, ICP, Open vessel (ppm)	0357	201.0	1.329	201.6	22.33	7.866	19	-0.03	0%	0
037.42	Zinc, ICP, Open vessel (ppm)	0190	202.6	0.2000	201.6	22.33	7.866	19	0.04	0%	0
037.42	Zinc, ICP, Open vessel (ppm)	0278	206.0	5.400	201.6	22.33	7.866	19	0.20	1%	0
037.42	Zinc, ICP, Open vessel (ppm)	0693	207.1	0.7990	201.6	22.33	7.866	19	0.24	1%	0
037.42	Zinc, ICP, Open vessel (ppm)	0042	213.0	22.00	201.6	22.33	7.866	19	0.51	3%	0
037.42	Zinc, ICP, Open vessel (ppm)	0294	217.6	2.760	201.6	22.33	7.866	19	0.72	4%	0
037.42	Zinc, ICP, Open vessel (ppm)	0726	219.9	1.200	201.6	22.33	7.866	19	0.82	5%	0
037.42	Zinc, ICP, Open vessel (ppm)	2375	229.5	15.00	201.6	22.33	7.866	19	1.25	7%	0
037.42	Zinc, ICP, Open vessel (ppm)	0037	234.0	0.1000	201.6	22.33	7.866	19	1.45	8%	0
037.42	Zinc, ICP, Open vessel (ppm)	0504	241.5	31.00	201.6	22.33	7.866	19	1.79	10%	0
037.42	Zinc, ICP, Open vessel (ppm)	2433	248.2	65.75	201.6	22.33	7.866	19	2.09	12%	1
037.43	Zinc, ICP, Microwave (ppm)	0354	171.3	1.310	199.2	9.601	3.097	32	-2.90	7%	0
037.43	Zinc, ICP, Microwave (ppm)	0968	178.5	0.0380	199.2	9.601	3.097	32	-2.16	5%	0
037.43	Zinc, ICP, Microwave (ppm)	2445	184.3	0.5100	199.2	9.601	3.097	32	-1.55	4%	0
037.43	Zinc, ICP, Microwave (ppm)	0870	187.0	2.000	199.2	9.601	3.097	32	-1.27	3%	0
037.43	Zinc, ICP, Microwave (ppm)	0511	188.0	12.00	199.2	9.601	3.097	32	-1.17	3%	0
037.43	Zinc, ICP, Microwave (ppm)	2192	189.0	2.000	199.2	9.601	3.097	32	-1.06	3%	0
037.43	Zinc, ICP, Microwave (ppm)	0083	192.1	2.200	199.2	9.601	3.097	32	-0.74	2%	0
037.43	Zinc, ICP, Microwave (ppm)	0848	193.4	6.906	199.2	9.601	3.097	32	-0.60	1%	0
037.43	Zinc, ICP, Microwave (ppm)	0226	194.2	5.890	199.2	9.601	3.097	32	-0.52	1%	0
037.43	Zinc, ICP, Microwave (ppm)	0169	195.5	1.000	199.2	9.601	3.097	32	-0.39	1%	0
037.43	Zinc, ICP, Microwave (ppm)	2438	196.3	1.700	199.2	9.601	3.097	32	-0.30	1%	0
037.43	Zinc, ICP, Microwave (ppm)	2033	197.0	1.500	199.2	9.601	3.097	32	-0.23	1%	0
037.43	Zinc, ICP, Microwave (ppm)	0407	197.1	2.843	199.2	9.601	3.097	32	-0.22	1%	0
037.43	Zinc, ICP, Microwave (ppm)	2436	197.5	1.700	199.2	9.601	3.097	32	-0.18	0%	0
037.43	Zinc, ICP, Microwave (ppm)	0510	198.0	2.000	199.2	9.601	3.097	32	-0.12	0%	0
037.43	Zinc, ICP, Microwave (ppm)	2439	198.9	4.300	199.2	9.601	3.097	32	-0.04	0%	0
037.43	Zinc, ICP, Microwave (ppm)	2437	200.8	6.000	199.2	9.601	3.097	32	0.17	0%	0
037.43	Zinc, ICP, Microwave (ppm)	2124	200.9	1.380	199.2	9.601	3.097	32	0.17	0%	0
037.43	Zinc, ICP, Microwave (ppm)	0017	201.6	2.997	199.2	9.601	3.097	32	0.25	1%	0
037.43	Zinc, ICP, Microwave (ppm)	0682	201.9	0.0000	199.2	9.601	3.097	32	0.28	1%	0
037.43	Zinc, ICP, Microwave (ppm)	0098	202.0	4.000	199.2	9.601	3.097	32	0.29	1%	0
037.43	Zinc, ICP, Microwave (ppm)	2089	202.4	5.790	199.2	9.601	3.097	32	0.33	1%	0
037.43	Zinc, ICP, Microwave (ppm)	2326	202.5	3.000	199.2	9.601	3.097	32	0.34	1%	0
037.43	Zinc, ICP, Microwave (ppm)	2429	203.8	0.8500	199.2	9.601	3.097	32	0.48	1%	0
037.43	Zinc, ICP, Microwave (ppm)	0027	207.0	4.000	199.2	9.601	3.097	32	0.81	2%	0
037.43	Zinc, ICP, Microwave (ppm)	0297	207.0	8.000	199.2	9.601	3.097	32	0.81	2%	0
037.43	Zinc, ICP, Microwave (ppm)	0345	207.4	1.600	199.2	9.601	3.097	32	0.85	2%	0
037.43	Zinc, ICP, Microwave (ppm)	0202	207.5	5.000	199.2	9.601	3.097	32	0.86	2%	0
037.43	Zinc, ICP, Microwave (ppm)	0035	210.5	1.000	199.2	9.601	3.097	32	1.18	3%	0
037.43	Zinc, ICP, Microwave (ppm)	0610	217.0	0.0000	199.2	9.601	3.097	32	1.85	4%	0

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037.43	Zinc, ICP, Microwave (ppm)	0353	238.5	1.000	199.2	9.601	3.097	32	4.09	10%	0
037.43	Zinc, ICP, Microwave (ppm)	0038	249.0	18.00	199.2	9.601	3.097	32	5.19	13%	0
037.43	Zinc, ICP, Microwave (ppm)	0505	204.2	28.50	199.2	9.601	3.097	32	0.52	1%	1
037.44	Zinc, ICP, Dry ash (ppm)	0066	152.5	5.020	171.1	16.24	4.678	4			0
037.44	Zinc, ICP, Dry ash (ppm)	0164	169.5	7.000	171.1	16.24	4.678	4			0
037.44	Zinc, ICP, Dry ash (ppm)	1020	170.4	3.900	171.1	16.24	4.678	4			0
037.44	Zinc, ICP, Dry ash (ppm)	2114	192.1	2.790	171.1	16.24	4.678	4			0
037.52	Zinc, ICP-MS, Open vessel (ppm)	0047	146.9	5.760				2			0
037.52	Zinc, ICP-MS, Open vessel (ppm)	0186	187.0	5.620				2			0
037.53	Zinc, ICP-MS, Microwave (ppm)	0939	189.0	4.000	201.8	11.37	2.416	4			0
037.53	Zinc, ICP-MS, Microwave (ppm)	0407	195.7	0.8132	201.8	11.37	2.416	4			0
037.53	Zinc, ICP-MS, Microwave (ppm)	2428	209.0	4.000	201.8	11.37	2.416	4			0
037.53	Zinc, ICP-MS, Microwave (ppm)	0043	213.4	0.8510	201.8	11.37	2.416	4			0
037.53	Zinc, ICP-MS, Microwave (ppm)	2409	398.8	1.010	201.8	11.37	2.416	4			2
037.99	Zinc, Miscellaneous (ppm)	0242	182.5	1.000				3			0
037.99	Zinc, Miscellaneous (ppm)	0123	190.5	3.000				3			0
037.99	Zinc, Miscellaneous (ppm)	0100	215.5	1.000				3			0
038.41	Molybdenum, ICP, Dry ash (ppm)	0171	0.6050	0.0100				3			0
038.41	Molybdenum, ICP, Dry ash (ppm)	0407	0.6440	0.0072				3			0
038.41	Molybdenum, ICP, Dry ash (ppm)	0226	0.9700	0.0200				3			0
038.42	Molybdenum, ICP, Open vessel (ppm)	0693	0.7385	0.0410				3			0
038.42	Molybdenum, ICP, Open vessel (ppm)	0045	0.8170	0.3660				3			0
038.42	Molybdenum, ICP, Open vessel (ppm)	0278	0.8450	0.0500				3			0
038.42	Molybdenum, ICP, Open vessel (ppm)	0692	< 5					3			5
038.43	Molybdenum, ICP, Microwave (ppm)	0510	0.5500	0.1000	0.8530	0.3484	0.2078	6	-0.87	18%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0169	0.6400	0.0400	0.8530	0.3484	0.2078	6	-0.61	12%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0407	0.6573	0.0166	0.8530	0.3484	0.2078	6	-0.56	11%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0202	0.8950	0.4100	0.8530	0.3484	0.2078	6	0.12	2%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0297	1.000	0.4000	0.8530	0.3484	0.2078	6	0.42	9%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0083	47.58	0.2800	0.8530	0.3484	0.2078	6	>100	2739%	0
038.52	Molybdenum, ICP-MS, Open vessel (ppm)	0910	0.6400	0.0200				2			0
038.52	Molybdenum, ICP-MS, Open vessel (ppm)	0186	0.6692	0.0051				2			0
038.53	Molybdenum, ICP-MS, Microwave (ppm)	2428	0.7015	0.0110	0.7274	0.0296	0.0367	4			0
038.53	Molybdenum, ICP-MS, Microwave (ppm)	0407	0.7188	0.0167	0.7274	0.0296	0.0367	4			0
038.53	Molybdenum, ICP-MS, Microwave (ppm)	0164	0.7195	0.0790	0.7274	0.0296	0.0367	4			0
038.53	Molybdenum, ICP-MS, Microwave (ppm)	0939	0.7700	0.0400	0.7274	0.0296	0.0367	4			0
040.53	Barium, ICP-MS, Microwave (ppm)	0407	18.06	0.1912				1			0
041.53	Vanadium, ICP-MS, Microwave (ppm)	0407	0.3229	0.0056				1			0
042.00	Chloride, Titrimetric (%)	0921	0.5600	0.0000	0.6210	0.0768	0.0122	8	-0.79	5%	0
042.00	Chloride, Titrimetric (%)	0226	0.5650	0.0100	0.6210	0.0768	0.0122	8	-0.73	5%	0
042.00	Chloride, Titrimetric (%)	0619	0.5665	0.0010	0.6210	0.0768	0.0122	8	-0.71	4%	0
042.00	Chloride, Titrimetric (%)	0948	0.5900	0.0000	0.6210	0.0768	0.0122	8	-0.40	2%	0

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042.00	Chloride, Titrimetric (%)	0610	0.6000	0.0000	0.6210	0.0768	0.0122	8	-0.27	2%	0
042.00	Chloride, Titrimetric (%)	2392	0.6450	0.0100	0.6210	0.0768	0.0122	8	0.31	2%	0
042.00	Chloride, Titrimetric (%)	2199	0.7050	0.0100	0.6210	0.0768	0.0122	8	1.09	7%	0
042.00	Chloride, Titrimetric (%)	2200	0.8050	0.0300	0.6210	0.0768	0.0122	8	2.40	15%	0
042.00	Chloride, Titrimetric (%)	2326	0.6450	0.1500	0.6210	0.0768	0.0122	8	0.31	2%	1
042.01	Chloride, Ion-selective electrode (%)	2434	0.5226	0.0000				1			0
042.99	Chloride, Miscellaneous (%)	0297	0.6100	0.0200				2			0
042.99	Chloride, Miscellaneous (%)	0066	1.376	0.0380				2			0
101.99	Choline Chloride, Miscellaneous (ppm)	0227	5,900	0.0000				1			0
102.01	Niacin, Microbiological (ppm)	0227	78.95	2.100				1			0
102.02	Niacin, LC (ppm)	2319	45.95	1.500				1			0
102.99	Niacin, Miscellaneous (ppm)	0160	11.10	1.400				1			0
103.01	Pantothenic Acid, Microbiological (ppm)	0227	27.45	1.300				1			0
103.99	Pantothenic Acid, Miscellaneous (ppm)	0160	41.85	2.300				1			0
104.00	Riboflavin, Fluorometric (ppm)	0227	5.310	0.0600				1			0
104.03	Riboflavin, LC (ppm)	0910	4.260	0.1000				2			0
104.03	Riboflavin, LC (ppm)	2319	8.885	7.830				2			0
104.99	Riboflavin, Miscellaneous (ppm)	0160	2.765	0.0300				1			0
105.00	Thiamine, LC (ppm)	2319	7.285	0.9100				2			0
105.00	Thiamine, LC (ppm)	0910	11.21	1.010				2			0
105.01	Thiamine, Fluorometer (ppm)	0227	15.83	0.1300				1			0
106.01	Vitamin A, UV (KU / kg)	0098	4.550	0.5400				1			0
106.02	Vitamin A, LC (KU / kg)	0148	3.725	0.8300	5.435	1.406	0.5198	10	-1.22	16%	0
106.02	Vitamin A, LC (KU / kg)	0619	4.045	0.2700	5.435	1.406	0.5198	10	-0.99	13%	0
106.02	Vitamin A, LC (KU / kg)	2319	4.420	0.1200	5.435	1.406	0.5198	10	-0.72	9%	0
106.02	Vitamin A, LC (KU / kg)	0563	4.498	0.6242	5.435	1.406	0.5198	10	-0.67	9%	0
106.02	Vitamin A, LC (KU / kg)	0038	5.500	0.4000	5.435	1.406	0.5198	10	0.05	1%	0
106.02	Vitamin A, LC (KU / kg)	0682	5.520	0.0000	5.435	1.406	0.5198	10	0.06	1%	0
106.02	Vitamin A, LC (KU / kg)	0676	6.280	0.1000	5.435	1.406	0.5198	10	0.60	8%	0
106.02	Vitamin A, LC (KU / kg)	2103	6.357	0.5150	5.435	1.406	0.5198	10	0.66	8%	0
106.02	Vitamin A, LC (KU / kg)	0017	6.461	1.480	5.435	1.406	0.5198	10	0.73	9%	0
106.02	Vitamin A, LC (KU / kg)	0870	8.167	0.7333	5.435	1.406	0.5198	10	1.94	25%	0
106.02	Vitamin A, LC (KU / kg)	0610	9.200	7.600	5.435	1.406	0.5198	10	2.68	35%	1
107.00	Vitamin B12, Microbiological (ppb)	0227	33.65	3.900				1			0
107.99	Vitamin B12, Miscellaneous (ppb)	0160	134.0	26.00				1			0
108.02	Vitamin D3, LC (KU / kg)	0227	0.4940	0.0080	0.8983	0.5130	0.3093	6	-0.79	23%	0
108.02	Vitamin D3, LC (KU / kg)	0870	0.5600	0.1600	0.8983	0.5130	0.3093	6	-0.66	19%	0
108.02	Vitamin D3, LC (KU / kg)	2319	0.6700	0.1200	0.8983	0.5130	0.3093	6	-0.45	13%	0
108.02	Vitamin D3, LC (KU / kg)	0619	0.7980	0.1780	0.8983	0.5130	0.3093	6	-0.20	6%	0
108.02	Vitamin D3, LC (KU / kg)	0610	1.200	0.8000	0.8983	0.5130	0.3093	6	0.59	17%	0
108.02	Vitamin D3, LC (KU / kg)	0148	2.815	0.5900	0.8983	0.5130	0.3093	6	3.74	107%	0
108.99	Vitamin D3, Miscellaneous (KU / kg)	0010	0.4340	0.1500				1			0

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109.02	Vitamin E, LC (IU / kg)	0148	155.6	37.70	288.4	103.8	23.32	11	-1.28	23%	0
109.02	Vitamin E, LC (IU / kg)	0619	165.0	50.00	288.4	103.8	23.32	11	-1.19	21%	0
109.02	Vitamin E, LC (IU / kg)	0038	235.0	2.000	288.4	103.8	23.32	11	-0.51	9%	0
109.02	Vitamin E, LC (IU / kg)	2319	252.5	7.000	288.4	103.8	23.32	11	-0.35	6%	0
109.02	Vitamin E, LC (IU / kg)	2188	285.3	4.510	288.4	103.8	23.32	11	-0.03	1%	0
109.02	Vitamin E, LC (IU / kg)	0208	289.5	49.00	288.4	103.8	23.32	11	0.01	0%	0
109.02	Vitamin E, LC (IU / kg)	0098	293.0	12.00	288.4	103.8	23.32	11	0.04	1%	0
109.02	Vitamin E, LC (IU / kg)	0676	300.3	0.9000	288.4	103.8	23.32	11	0.11	2%	0
109.02	Vitamin E, LC (IU / kg)	0610	316.5	48.00	288.4	103.8	23.32	11	0.27	5%	0
109.02	Vitamin E, LC (IU / kg)	0227	435.5	37.00	288.4	103.8	23.32	11	1.42	26%	0
109.02	Vitamin E, LC (IU / kg)	0870	471.3	8.418	288.4	103.8	23.32	11	1.76	32%	0
109.02	Vitamin E, LC (IU / kg)	0563	< 5		288.4	103.8	23.32	11			5
109.99	Vitamin E, Miscellaneous (IU / kg)	0171	357.5	1.000				1			0
111.00	Vitamin C, Phosphorylated, LC (ppm)	0227	< 4.4					0			5
112.01	Pyridoxine, LC (µg / g)	2319	3.943	0.1450				2			0
112.01	Pyridoxine, LC (µg / g)	0227	4.370	0.0400				2			0
112.99	Pyridoxine, Miscellaneous (µg / g)	0160	1.755	0.0100				1			0
113.01	Folic Acid, Micro (ppm)	0227	1.110	0.0800				1			0
113.02	Folic acid, LC (ppm)	2319	0.6885	0.0070				1			0
113.99	Folic acid, Miscellaneous (ppm)	0160	1.045	0.1100				1			0
114.01	Biotin, Microbiological (ppm)	0227	0.2455	0.0150				1			0
114.99	Biotin, Miscellaneous (ppm)	0160	0.2300	0.0200				1			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	0.5959	0.3614				1			0
120.00	Alanine, Post-col Ninhydrin Der (%)	0353	1.625	0.0100	1.726	0.0479	0.0200	14	-2.11	3%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0354	1.693	0.0040	1.726	0.0479	0.0200	14	-0.69	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0872	1.695	0.0040	1.726	0.0479	0.0200	14	-0.65	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0571	1.699	0.0300	1.726	0.0479	0.0200	14	-0.57	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0939	1.705	0.0100	1.726	0.0479	0.0200	14	-0.44	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0644	1.712	0.0370	1.726	0.0479	0.0200	14	-0.31	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0226	1.714	0.0107	1.726	0.0479	0.0200	14	-0.25	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	2059	1.716	0.0000	1.726	0.0479	0.0200	14	-0.21	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0619	1.725	0.0300	1.726	0.0479	0.0200	14	-0.03	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0504	1.730	0.0200	1.726	0.0479	0.0200	14	0.08	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0652	1.740	0.0000	1.726	0.0479	0.0200	14	0.29	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0941	1.791	0.0000	1.726	0.0479	0.0200	14	1.35	2%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0968	1.795	0.0500	1.726	0.0479	0.0200	14	1.44	2%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0682	1.884	0.0000	1.726	0.0479	0.0200	14	3.30	5%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0910	1.665	0.1100	1.726	0.0479	0.0200	14	-1.28	2%	1
120.02	Alanine, Post-col OPA Der (%)	2023	1.705	0.0500				2			0
120.02	Alanine, Post-col OPA Der (%)	0098	1.716	0.0550				2			0
120.05	Alanine, Pre-col AQC Der (%)	0870	1.367	0.0550	1.652	0.1286	0.0342	11	-2.22	9%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
120.05	Alanine, Pre-col AQC Der (%)	2246	1.517	0.0486	1.652	0.1286	0.0342	11	-1.05	4%	0
120.05	Alanine, Pre-col AQC Der (%)	2188	1.584	0.0000	1.652	0.1286	0.0342	11	-0.53	2%	0
120.05	Alanine, Pre-col AQC Der (%)	2196	1.616	0.0000	1.652	0.1286	0.0342	11	-0.28	1%	0
120.05	Alanine, Pre-col AQC Der (%)	2319	1.620	0.0000	1.652	0.1286	0.0342	11	-0.25	1%	0
120.05	Alanine, Pre-col AQC Der (%)	0610	1.640	0.0200	1.652	0.1286	0.0342	11	-0.09	0%	0
120.05	Alanine, Pre-col AQC Der (%)	0626	1.662	0.0040	1.652	0.1286	0.0342	11	0.08	0%	0
120.05	Alanine, Pre-col AQC Der (%)	0148	1.690	0.0200	1.652	0.1286	0.0342	11	0.30	1%	0
120.05	Alanine, Pre-col AQC Der (%)	0407	1.752	0.0260	1.652	0.1286	0.0342	11	0.78	3%	0
120.05	Alanine, Pre-col AQC Der (%)	0676	1.785	0.0500	1.652	0.1286	0.0342	11	1.04	4%	0
120.05	Alanine, Pre-col AQC Der (%)	2195	1.905	0.0500	1.652	0.1286	0.0342	11	1.97	8%	0
120.99	Alanine, Miscellaneous (%)	2428	1.585	0.0900				3			0
120.99	Alanine, Miscellaneous (%)	0227	1.740	0.0000				3			0
120.99	Alanine, Miscellaneous (%)	0889	1.740	0.0400				3			0
121.00	Arginine, Post-col Ninhydrin Der (%)	0353	1.250	0.0200	1.522	0.0655	0.0285	15	-4.16	9%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0354	1.426	0.1160	1.522	0.0655	0.0285	15	-1.47	3%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0939	1.445	0.0100	1.522	0.0655	0.0285	15	-1.18	3%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0968	1.500	0.0200	1.522	0.0655	0.0285	15	-0.34	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0226	1.502	0.0560	1.522	0.0655	0.0285	15	-0.31	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0872	1.505	0.0060	1.522	0.0655	0.0285	15	-0.27	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0644	1.524	0.0220	1.522	0.0655	0.0285	15	0.02	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0571	1.532	0.0460	1.522	0.0655	0.0285	15	0.15	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0910	1.535	0.1300	1.522	0.0655	0.0285	15	0.19	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	2059	1.537	0.0040	1.522	0.0655	0.0285	15	0.22	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0504	1.545	0.0100	1.522	0.0655	0.0285	15	0.34	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0652	1.565	0.0100	1.522	0.0655	0.0285	15	0.65	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0619	1.585	0.0300	1.522	0.0655	0.0285	15	0.95	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0941	1.599	0.0000	1.522	0.0655	0.0285	15	1.17	3%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0682	1.612	0.0000	1.522	0.0655	0.0285	15	1.37	3%	0
121.02	Arginine, Post-col OPA Der (%)	0098	1.423	0.0480				2			0
121.02	Arginine, Post-col OPA Der (%)	2023	1.490	0.0200				2			0
121.05	Arginine, Pre-col AQC Der (%)	0870	1.258	0.0230	1.517	0.1298	0.0154	10	-2.00	9%	0
121.05	Arginine, Pre-col AQC Der (%)	2246	1.413	0.0087	1.517	0.1298	0.0154	10	-0.80	3%	0
121.05	Arginine, Pre-col AQC Der (%)	0626	1.421	0.0250	1.517	0.1298	0.0154	10	-0.74	3%	0
121.05	Arginine, Pre-col AQC Der (%)	2188	1.459	0.0000	1.517	0.1298	0.0154	10	-0.45	2%	0
121.05	Arginine, Pre-col AQC Der (%)	0610	1.515	0.0100	1.517	0.1298	0.0154	10	-0.01	0%	0
121.05	Arginine, Pre-col AQC Der (%)	2196	1.531	0.0000	1.517	0.1298	0.0154	10	0.11	0%	0
121.05	Arginine, Pre-col AQC Der (%)	0407	1.564	0.0110	1.517	0.1298	0.0154	10	0.36	2%	0
121.05	Arginine, Pre-col AQC Der (%)	0676	1.610	0.0200	1.517	0.1298	0.0154	10	0.72	3%	0
121.05	Arginine, Pre-col AQC Der (%)	2319	1.660	0.0000	1.517	0.1298	0.0154	10	1.10	5%	0
121.05	Arginine, Pre-col AQC Der (%)	2195	1.675	0.0100	1.517	0.1298	0.0154	10	1.22	5%	0
121.05	Arginine, Pre-col AQC Der (%)	0148	1.575	0.0900	1.517	0.1298	0.0154	10	0.45	2%	1
121.99	Arginine, Miscellaneous (%)	2428	1.405	0.0900				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			
121.99	Arginine, Miscellaneous (%)	0227	1.480	0.0000				3			0
121.99	Arginine, Miscellaneous (%)	0889	1.685	0.0500				3			0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0353	1.925	0.0100	1.985	0.0400	0.0183	14	-1.49	2%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0354	1.935	0.0040	1.985	0.0400	0.0183	14	-1.24	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0652	1.960	0.0000	1.985	0.0400	0.0183	14	-0.61	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0571	1.968	0.0090	1.985	0.0400	0.0183	14	-0.43	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0872	1.974	0.0080	1.985	0.0400	0.0183	14	-0.26	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0939	1.975	0.0300	1.985	0.0400	0.0183	14	-0.24	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0644	1.977	0.0310	1.985	0.0400	0.0183	14	-0.20	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0226	1.977	0.0259	1.985	0.0400	0.0183	14	-0.18	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0968	1.985	0.0300	1.985	0.0400	0.0183	14	0.01	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0504	1.995	0.0300	1.985	0.0400	0.0183	14	0.26	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	2059	2.005	0.0050	1.985	0.0400	0.0183	14	0.50	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0619	2.020	0.0000	1.985	0.0400	0.0183	14	0.88	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0941	2.066	0.0000	1.985	0.0400	0.0183	14	2.03	2%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0682	2.132	0.0000	1.985	0.0400	0.0183	14	3.68	4%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0910	1.930	0.1400	1.985	0.0400	0.0183	14	-1.36	1%	1
122.02	Aspartic, Post-col OPA Der (%)	0098	1.997	0.0530				2			0
122.02	Aspartic, Post-col OPA Der (%)	2023	2.300	0.0800				2			0
122.05	Aspartic, Pre-col AQC Der (%)	2246	1.760	0.0480	1.948	0.1413	0.0340	10	-1.33	5%	0
122.05	Aspartic, Pre-col AQC Der (%)	2188	1.761	0.0000	1.948	0.1413	0.0340	10	-1.32	5%	0
122.05	Aspartic, Pre-col AQC Der (%)	0626	1.881	0.0000	1.948	0.1413	0.0340	10	-0.47	2%	0
122.05	Aspartic, Pre-col AQC Der (%)	2319	1.925	0.0100	1.948	0.1413	0.0340	10	-0.16	1%	0
122.05	Aspartic, Pre-col AQC Der (%)	0610	1.950	0.0000	1.948	0.1413	0.0340	10	0.02	0%	0
122.05	Aspartic, Pre-col AQC Der (%)	0148	1.965	0.0500	1.948	0.1413	0.0340	10	0.12	0%	0
122.05	Aspartic, Pre-col AQC Der (%)	0407	1.994	0.0020	1.948	0.1413	0.0340	10	0.33	1%	0
122.05	Aspartic, Pre-col AQC Der (%)	2196	2.010	0.0000	1.948	0.1413	0.0340	10	0.44	2%	0
122.05	Aspartic, Pre-col AQC Der (%)	0676	2.080	0.0600	1.948	0.1413	0.0340	10	0.94	3%	0
122.05	Aspartic, Pre-col AQC Der (%)	2195	2.150	0.0000	1.948	0.1413	0.0340	10	1.43	5%	0
122.05	Aspartic, Pre-col AQC Der (%)	0870	1.471	0.1370	1.948	0.1413	0.0340	10	-3.38	12%	1
122.99	Aspartic, Miscellaneous (%)	2428	1.780	0.0200				3			0
122.99	Aspartic, Miscellaneous (%)	0227	2.000	0.0200				3			0
122.99	Aspartic, Miscellaneous (%)	0889	2.300	0.0600				3			0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0353	0.2850	0.0100	0.3211	0.0261	0.0069	15	-1.39	6%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0652	0.2900	0.0000	0.3211	0.0261	0.0069	15	-1.19	5%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0941	0.3020	0.0000	0.3211	0.0261	0.0069	15	-0.73	3%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0619	0.3035	0.0030	0.3211	0.0261	0.0069	15	-0.68	3%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0571	0.3040	0.0000	0.3211	0.0261	0.0069	15	-0.66	3%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	2059	0.3145	0.0010	0.3211	0.0261	0.0069	15	-0.25	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0910	0.3150	0.0100	0.3211	0.0261	0.0069	15	-0.23	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0644	0.3165	0.0070	0.3211	0.0261	0.0069	15	-0.18	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0872	0.3240	0.0020	0.3211	0.0261	0.0069	15	0.11	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT	Threshold	Flag
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124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0939	0.3300	0.0000	0.3211	0.0261	0.0069	15	0.34	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0226	0.3319	0.0094	0.3211	0.0261	0.0069	15	0.41	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0682	0.3330	0.0000	0.3211	0.0261	0.0069	15	0.46	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0354	0.3470	0.0100	0.3211	0.0261	0.0069	15	0.99	4%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0504	0.3600	0.0000	0.3211	0.0261	0.0069	15	1.49	6%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0968	0.3650	0.0100	0.3211	0.0261	0.0069	15	1.68	7%	0
124.02	Cysteine/Cystine, PAO Post-col OPA Der (%)	0098	0.3265	0.0050				2			0
124.02	Cysteine/Cystine, PAO Post-col OPA Der (%)	2023	0.4750	0.0100				2			0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	2246	0.1901	0.0125	0.3107	0.0523	0.0230	11	-2.31	19%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0148	0.2530	0.0280	0.3107	0.0523	0.0230	11	-1.10	9%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0407	0.2771	0.0416	0.3107	0.0523	0.0230	11	-0.64	5%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	2319	0.2900	0.0000	0.3107	0.0523	0.0230	11	-0.40	3%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	2196	0.3040	0.0000	0.3107	0.0523	0.0230	11	-0.13	1%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	2188	0.3110	0.0000	0.3107	0.0523	0.0230	11	0.01	0%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0676	0.3250	0.0300	0.3107	0.0523	0.0230	11	0.27	2%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0626	0.3360	0.0260	0.3107	0.0523	0.0230	11	0.48	4%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0610	0.3400	0.0000	0.3107	0.0523	0.0230	11	0.56	5%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	2195	0.3600	0.0200	0.3107	0.0523	0.0230	11	0.94	8%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0870	0.5535	0.0030	0.3107	0.0523	0.0230	11	4.65	39%	0
124.99	Cysteine/Cystine, Miscellaneous (%)	0889	0.2800	0.0000	0.4281	0.2375	0.0274	4			0
124.99	Cysteine/Cystine, Miscellaneous (%)	0227	0.2900	0.0000	0.4281	0.2375	0.0274	4			0
124.99	Cysteine/Cystine, Miscellaneous (%)	2246	0.3625	0.0347	0.4281	0.2375	0.0274	4			0
124.99	Cysteine/Cystine, Miscellaneous (%)	2428	0.7800	0.0200	0.4281	0.2375	0.0274	4			0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0968	3.170	0.0200	3.310	0.1014	0.0228	14	-1.38	2%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0619	3.225	0.0500	3.310	0.1014	0.0228	14	-0.84	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0354	3.233	0.0170	3.310	0.1014	0.0228	14	-0.76	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0644	3.266	0.0660	3.310	0.1014	0.0228	14	-0.43	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0571	3.267	0.0060	3.310	0.1014	0.0228	14	-0.42	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0652	3.270	0.0200	3.310	0.1014	0.0228	14	-0.39	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0353	3.275	0.0100	3.310	0.1014	0.0228	14	-0.34	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	2059	3.276	0.0050	3.310	0.1014	0.0228	14	-0.34	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0872	3.292	0.0070	3.310	0.1014	0.0228	14	-0.18	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0504	3.345	0.0300	3.310	0.1014	0.0228	14	0.35	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0941	3.378	0.0000	3.310	0.1014	0.0228	14	0.67	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0939	3.430	0.0000	3.310	0.1014	0.0228	14	1.18	2%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0226	3.450	0.0342	3.310	0.1014	0.0228	14	1.38	2%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0682	3.594	0.0000	3.310	0.1014	0.0228	14	2.80	4%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0910	3.230	0.2400	3.310	0.1014	0.0228	14	-0.79	1%	1
125.02	Glutamic, Post-col OPA Der (%)	0098	3.204	0.0220				2			0
125.02	Glutamic, Post-col OPA Der (%)	2023	3.375	0.0900				2			0
125.05	Glutamic, Pre-col AQC Der (%)	0870	2.618	0.0000	3.246	0.2748	0.0535	11	-2.29	10%	0
125.05	Glutamic, Pre-col AQC Der (%)	2188	2.991	0.0000	3.246	0.2748	0.0535	11	-0.93	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	
125.05	Glutamic, Pre-col AQC Der (%)	0626	3.097	0.0080	3.246	0.2748	0.0535	11	-0.54	2%	0
125.05	Glutamic, Pre-col AQC Der (%)	2196	3.100	0.0000	3.246	0.2748	0.0535	11	-0.53	2%	0
125.05	Glutamic, Pre-col AQC Der (%)	2319	3.120	0.0000	3.246	0.2748	0.0535	11	-0.46	2%	0
125.05	Glutamic, Pre-col AQC Der (%)	2246	3.242	0.1493	3.246	0.2748	0.0535	11	-0.02	0%	0
125.05	Glutamic, Pre-col AQC Der (%)	0610	3.350	0.0200	3.246	0.2748	0.0535	11	0.38	2%	0
125.05	Glutamic, Pre-col AQC Der (%)	0407	3.379	0.0070	3.246	0.2748	0.0535	11	0.48	2%	0
125.05	Glutamic, Pre-col AQC Der (%)	0676	3.420	0.1200	3.246	0.2748	0.0535	11	0.63	3%	0
125.05	Glutamic, Pre-col AQC Der (%)	2195	3.565	0.0100	3.246	0.2748	0.0535	11	1.16	5%	0
125.05	Glutamic, Pre-col AQC Der (%)	0148	3.610	0.0600	3.246	0.2748	0.0535	11	1.32	6%	0
125.99	Glutamic, Miscellaneous (%)	2428	3.250	0.1200				3			0
125.99	Glutamic, Miscellaneous (%)	0227	3.300	0.0000				3			0
125.99	Glutamic, Miscellaneous (%)	0889	3.910	0.0400				3			0
126.00	Glycine, Post-col Ninhydrin Der (%)	0353	1.645	0.0100	1.744	0.0364	0.0176	14	-2.71	3%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0652	1.705	0.0100	1.744	0.0364	0.0176	14	-1.06	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0354	1.712	0.0120	1.744	0.0364	0.0176	14	-0.87	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0644	1.725	0.0280	1.744	0.0364	0.0176	14	-0.51	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0939	1.730	0.0200	1.744	0.0364	0.0176	14	-0.37	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0968	1.730	0.0200	1.744	0.0364	0.0176	14	-0.37	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0872	1.740	0.0040	1.744	0.0364	0.0176	14	-0.10	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0571	1.748	0.0100	1.744	0.0364	0.0176	14	0.12	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0504	1.750	0.0400	1.744	0.0364	0.0176	14	0.18	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0226	1.751	0.0236	1.744	0.0364	0.0176	14	0.19	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0619	1.765	0.0300	1.744	0.0364	0.0176	14	0.59	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	2059	1.770	0.0090	1.744	0.0364	0.0176	14	0.71	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0682	1.819	0.0000	1.744	0.0364	0.0176	14	2.07	2%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0941	1.828	0.0000	1.744	0.0364	0.0176	14	2.32	2%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0910	1.685	0.1100	1.744	0.0364	0.0176	14	-1.61	2%	1
126.02	Glycine, Post-col OPA Der (%)	0098	1.788	0.0100				2			0
126.02	Glycine, Post-col OPA Der (%)	2023	1.820	0.0600				2			0
126.05	Glycine, Pre-col AQC Der (%)	0870	1.316	0.0220	1.743	0.1775	0.0311	10	-2.41	12%	0
126.05	Glycine, Pre-col AQC Der (%)	2188	1.589	0.0000	1.743	0.1775	0.0311	10	-0.87	4%	0
126.05	Glycine, Pre-col AQC Der (%)	2196	1.654	0.0000	1.743	0.1775	0.0311	10	-0.50	3%	0
126.05	Glycine, Pre-col AQC Der (%)	0626	1.685	0.0350	1.743	0.1775	0.0311	10	-0.33	2%	0
126.05	Glycine, Pre-col AQC Der (%)	0610	1.720	0.0000	1.743	0.1775	0.0311	10	-0.13	1%	0
126.05	Glycine, Pre-col AQC Der (%)	2319	1.750	0.0000	1.743	0.1775	0.0311	10	0.04	0%	0
126.05	Glycine, Pre-col AQC Der (%)	0148	1.770	0.1200	1.743	0.1775	0.0311	10	0.15	1%	0
126.05	Glycine, Pre-col AQC Der (%)	0407	1.883	0.0110	1.743	0.1775	0.0311	10	0.79	4%	0
126.05	Glycine, Pre-col AQC Der (%)	2195	1.895	0.0100	1.743	0.1775	0.0311	10	0.86	4%	0
126.05	Glycine, Pre-col AQC Der (%)	0676	2.020	0.0400	1.743	0.1775	0.0311	10	1.56	8%	0
126.05	Glycine, Pre-col AQC Der (%)	2246	1.381	0.5920	1.743	0.1775	0.0311	10	-2.04	10%	1
126.99	Glycine, Miscellaneous (%)	0889	0.5200	0.0000				3			0
126.99	Glycine, Miscellaneous (%)	2428	1.505	0.1100				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			
126.99	Glycine, Miscellaneous (%)	0227	1.770	0.0200				3			0
127.00	Histidine, Post-col Ninhydrin Der (%)	0226	0.5972	0.0027	0.6854	0.0347	0.0129	15	-2.55	6%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0939	0.6450	0.0100	0.6854	0.0347	0.0129	15	-1.17	3%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0353	0.6550	0.0100	0.6854	0.0347	0.0129	15	-0.88	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0354	0.6600	0.0140	0.6854	0.0347	0.0129	15	-0.73	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0571	0.6675	0.0130	0.6854	0.0347	0.0129	15	-0.52	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0644	0.6750	0.0100	0.6854	0.0347	0.0129	15	-0.30	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	2059	0.6775	0.0090	0.6854	0.0347	0.0129	15	-0.23	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0910	0.6850	0.0500	0.6854	0.0347	0.0129	15	-0.01	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0872	0.6860	0.0080	0.6854	0.0347	0.0129	15	0.02	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0968	0.6900	0.0200	0.6854	0.0347	0.0129	15	0.13	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0941	0.7100	0.0000	0.6854	0.0347	0.0129	15	0.71	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0682	0.7200	0.0000	0.6854	0.0347	0.0129	15	1.00	3%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0619	0.7215	0.0530	0.6854	0.0347	0.0129	15	1.04	3%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0504	0.7250	0.0100	0.6854	0.0347	0.0129	15	1.14	3%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0652	0.7300	0.0000	0.6854	0.0347	0.0129	15	1.29	3%	0
127.02	Histidine, Post-col OPA Der (%)	0098	0.6500	0.0040				2			0
127.02	Histidine, Post-col OPA Der (%)	2023	0.7100	0.0200				2			0
127.05	Histidine, Pre-col AQC Der (%)	2188	0.5660	0.0000	0.6782	0.0571	0.0214	11	-1.96	8%	0
127.05	Histidine, Pre-col AQC Der (%)	0870	0.6285	0.0070	0.6782	0.0571	0.0214	11	-0.87	4%	0
127.05	Histidine, Pre-col AQC Der (%)	2319	0.6400	0.0000	0.6782	0.0571	0.0214	11	-0.67	3%	0
127.05	Histidine, Pre-col AQC Der (%)	0626	0.6480	0.0000	0.6782	0.0571	0.0214	11	-0.53	2%	0
127.05	Histidine, Pre-col AQC Der (%)	0610	0.6500	0.0200	0.6782	0.0571	0.0214	11	-0.49	2%	0
127.05	Histidine, Pre-col AQC Der (%)	0407	0.6865	0.0130	0.6782	0.0571	0.0214	11	0.15	1%	0
127.05	Histidine, Pre-col AQC Der (%)	2195	0.7050	0.0100	0.6782	0.0571	0.0214	11	0.47	2%	0
127.05	Histidine, Pre-col AQC Der (%)	0148	0.7085	0.0330	0.6782	0.0571	0.0214	11	0.53	2%	0
127.05	Histidine, Pre-col AQC Der (%)	2196	0.7120	0.0000	0.6782	0.0571	0.0214	11	0.59	2%	0
127.05	Histidine, Pre-col AQC Der (%)	2246	0.7253	0.0367	0.6782	0.0571	0.0214	11	0.82	3%	0
127.05	Histidine, Pre-col AQC Der (%)	0676	0.8350	0.0300	0.6782	0.0571	0.0214	11	2.74	12%	0
127.99	Histidine, Miscellaneous (%)	0889	0.5200	0.0000				3			0
127.99	Histidine, Miscellaneous (%)	2428	0.6000	0.0200				3			0
127.99	Histidine, Miscellaneous (%)	0227	0.6800	0.0200				3			0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0939	0.7450	0.0100	0.8534	0.0580	0.0152	15	-1.87	6%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0354	0.7820	0.0040	0.8534	0.0580	0.0152	15	-1.23	4%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0353	0.8000	0.0200	0.8534	0.0580	0.0152	15	-0.92	3%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0968	0.8050	0.0100	0.8534	0.0580	0.0152	15	-0.83	3%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0644	0.8360	0.0180	0.8534	0.0580	0.0152	15	-0.30	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0872	0.8515	0.0010	0.8534	0.0580	0.0152	15	-0.03	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0652	0.8550	0.0100	0.8534	0.0580	0.0152	15	0.03	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0910	0.8550	0.0500	0.8534	0.0580	0.0152	15	0.03	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0226	0.8627	0.0134	0.8534	0.0580	0.0152	15	0.16	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0619	0.8655	0.0250	0.8534	0.0580	0.0152	15	0.21	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	
128.00	Isoleucine, Post-col Ninhydrin Der (%)	2059	0.8670	0.0000	0.8534	0.0580	0.0152	15	0.23	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0571	0.8685	0.0250	0.8534	0.0580	0.0152	15	0.26	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0941	0.9060	0.0000	0.8534	0.0580	0.0152	15	0.91	3%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0504	0.9400	0.0000	0.8534	0.0580	0.0152	15	1.49	5%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0682	0.9580	0.0000	0.8534	0.0580	0.0152	15	1.80	6%	0
128.02	Isoleucine, Post-col OPA Der (%)	0098	0.8045	0.0150				2			0
128.02	Isoleucine, Post-col OPA Der (%)	2023	0.8600	0.0200				2			0
128.05	Isoleucine, Pre-col AQC Der (%)	2319	0.7100	0.0000	0.8370	0.0773	0.0100	10	-1.64	8%	0
128.05	Isoleucine, Pre-col AQC Der (%)	2188	0.7780	0.0000	0.8370	0.0773	0.0100	10	-0.76	4%	0
128.05	Isoleucine, Pre-col AQC Der (%)	2246	0.7843	0.0167	0.8370	0.0773	0.0100	10	-0.68	3%	0
128.05	Isoleucine, Pre-col AQC Der (%)	0676	0.8200	0.0200	0.8370	0.0773	0.0100	10	-0.22	1%	0
128.05	Isoleucine, Pre-col AQC Der (%)	0626	0.8215	0.0070	0.8370	0.0773	0.0100	10	-0.20	1%	0
128.05	Isoleucine, Pre-col AQC Der (%)	2196	0.8450	0.0000	0.8370	0.0773	0.0100	10	0.10	0%	0
128.05	Isoleucine, Pre-col AQC Der (%)	0610	0.8550	0.0100	0.8370	0.0773	0.0100	10	0.23	1%	0
128.05	Isoleucine, Pre-col AQC Der (%)	0148	0.8740	0.0040	0.8370	0.0773	0.0100	10	0.48	2%	0
128.05	Isoleucine, Pre-col AQC Der (%)	0407	0.9210	0.0020	0.8370	0.0773	0.0100	10	1.09	5%	0
128.05	Isoleucine, Pre-col AQC Der (%)	2195	0.9500	0.0000	0.8370	0.0773	0.0100	10	1.46	7%	0
128.05	Isoleucine, Pre-col AQC Der (%)	0870	0.7065	0.0650	0.8370	0.0773	0.0100	10	-1.69	8%	1
128.99	Isoleucine, Miscellaneous (%)	0889	0.7775	0.0150				3			0
128.99	Isoleucine, Miscellaneous (%)	0227	0.8550	0.0700				3			0
128.99	Isoleucine, Miscellaneous (%)	2428	0.9150	0.2500				3			0
129.00	Leucine, Post-col Ninhydrin Der (%)	0353	1.980	0.0200	2.076	0.0586	0.0216	14	-1.65	2%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0939	2.010	0.0200	2.076	0.0586	0.0216	14	-1.14	2%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0652	2.025	0.0100	2.076	0.0586	0.0216	14	-0.88	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0872	2.050	0.0070	2.076	0.0586	0.0216	14	-0.46	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0571	2.061	0.0070	2.076	0.0586	0.0216	14	-0.27	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0354	2.063	0.0310	2.076	0.0586	0.0216	14	-0.24	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0226	2.068	0.0427	2.076	0.0586	0.0216	14	-0.14	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	2059	2.072	0.0040	2.076	0.0586	0.0216	14	-0.08	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0644	2.074	0.0400	2.076	0.0586	0.0216	14	-0.04	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0619	2.095	0.0100	2.076	0.0586	0.0216	14	0.32	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0504	2.120	0.0200	2.076	0.0586	0.0216	14	0.74	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0968	2.125	0.0500	2.076	0.0586	0.0216	14	0.83	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0941	2.156	0.0000	2.076	0.0586	0.0216	14	1.36	2%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0682	2.186	0.0000	2.076	0.0586	0.0216	14	1.87	3%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0910	2.035	0.1100	2.076	0.0586	0.0216	14	-0.71	1%	1
129.02	Leucine, Post-col OPA Der (%)	0098	1.970	0.0610				2			0
129.02	Leucine, Post-col OPA Der (%)	2023	1.995	0.0500				2			0
129.05	Leucine, Pre-col AQC Der (%)	2196	1.908	0.0000	2.014	0.1144	0.0243	10	-0.92	3%	0
129.05	Leucine, Pre-col AQC Der (%)	2246	1.914	0.0325	2.014	0.1144	0.0243	10	-0.87	2%	0
129.05	Leucine, Pre-col AQC Der (%)	2319	1.930	0.0000	2.014	0.1144	0.0243	10	-0.73	2%	0
129.05	Leucine, Pre-col AQC Der (%)	2188	1.943	0.0000	2.014	0.1144	0.0243	10	-0.62	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	
129.05	Leucine, Pre-col AQC Der (%)	0626	1.963	0.0090	2.014	0.1144	0.0243	10	-0.45	1%	0
129.05	Leucine, Pre-col AQC Der (%)	0676	1.990	0.0000	2.014	0.1144	0.0243	10	-0.21	1%	0
129.05	Leucine, Pre-col AQC Der (%)	0610	2.060	0.0400	2.014	0.1144	0.0243	10	0.40	1%	0
129.05	Leucine, Pre-col AQC Der (%)	0407	2.115	0.0100	2.014	0.1144	0.0243	10	0.88	3%	0
129.05	Leucine, Pre-col AQC Der (%)	0148	2.130	0.0000	2.014	0.1144	0.0243	10	1.01	3%	0
129.05	Leucine, Pre-col AQC Der (%)	2195	2.195	0.0300	2.014	0.1144	0.0243	10	1.58	4%	0
129.05	Leucine, Pre-col AQC Der (%)	0870	1.785	0.0970	2.014	0.1144	0.0243	10	-2.00	6%	1
129.99	Leucine, Miscellaneous (%)	0227	2.095	0.0300				3			0
129.99	Leucine, Miscellaneous (%)	0889	2.135	0.0100				3			0
129.99	Leucine, Miscellaneous (%)	2428	2.170	0.1600				3			0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0848	1.120	0.0000	1.332	0.0735	0.0139	17	-2.88	8%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0226	1.238	0.0169	1.332	0.0735	0.0139	17	-1.28	4%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0939	1.255	0.0100	1.332	0.0735	0.0139	17	-1.04	3%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0353	1.275	0.0100	1.332	0.0735	0.0139	17	-0.77	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0571	1.299	0.0360	1.332	0.0735	0.0139	17	-0.44	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0354	1.303	0.0030	1.332	0.0735	0.0139	17	-0.39	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0968	1.305	0.0100	1.332	0.0735	0.0139	17	-0.36	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0644	1.312	0.0140	1.332	0.0735	0.0139	17	-0.27	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0652	1.325	0.0100	1.332	0.0735	0.0139	17	-0.09	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	2322	1.354	0.0020	1.332	0.0735	0.0139	17	0.31	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0872	1.357	0.0020	1.332	0.0735	0.0139	17	0.35	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	2059	1.361	0.0160	1.332	0.0735	0.0139	17	0.40	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	2325	1.365	0.0100	1.332	0.0735	0.0139	17	0.45	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0941	1.385	0.0000	1.332	0.0735	0.0139	17	0.73	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0619	1.405	0.0300	1.332	0.0735	0.0139	17	1.00	3%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0504	1.435	0.0300	1.332	0.0735	0.0139	17	1.41	4%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0682	1.467	0.0000	1.332	0.0735	0.0139	17	1.84	5%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0910	1.305	0.1100	1.332	0.0735	0.0139	17	-0.36	1%	1
130.02	L-Lysine, Post-col OPA Der (%)	2023	1.330	0.0400				2			0
130.02	L-Lysine, Post-col OPA Der (%)	0098	1.373	0.0570				2			0
130.05	L-Lysine, Pre-col AQC Der (%)	2246	1.152	0.0329	1.305	0.0943	0.0168	10	-1.63	6%	0
130.05	L-Lysine, Pre-col AQC Der (%)	2188	1.215	0.0000	1.305	0.0943	0.0168	10	-0.96	3%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0148	1.235	0.0300	1.305	0.0943	0.0168	10	-0.74	3%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0610	1.290	0.0000	1.305	0.0943	0.0168	10	-0.16	1%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0626	1.309	0.0080	1.305	0.0943	0.0168	10	0.04	0%	0
130.05	L-Lysine, Pre-col AQC Der (%)	2319	1.320	0.0000	1.305	0.0943	0.0168	10	0.16	1%	0
130.05	L-Lysine, Pre-col AQC Der (%)	2196	1.327	0.0000	1.305	0.0943	0.0168	10	0.23	1%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0407	1.358	0.0030	1.305	0.0943	0.0168	10	0.55	2%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0676	1.405	0.0100	1.305	0.0943	0.0168	10	1.06	4%	0
130.05	L-Lysine, Pre-col AQC Der (%)	2195	1.430	0.0000	1.305	0.0943	0.0168	10	1.32	5%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0870	1.126	0.0790	1.305	0.0943	0.0168	10	-1.90	7%	1
130.99	L-Lysine, Miscellaneous (%)	0889	0.9200	0.0800	1.165	0.1890	0.0451	4			0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs			
130.99	L-Lysine, Miscellaneous (%)	2428	1.165	0.0100	1.165	0.1890	0.0451	4			0
130.99	L-Lysine, Miscellaneous (%)	2246	1.195	0.0303	1.165	0.1890	0.0451	4			0
130.99	L-Lysine, Miscellaneous (%)	0227	1.380	0.0600	1.165	0.1890	0.0451	4			0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0910	0.4050	0.0300	0.4325	0.0194	0.0116	15	-1.42	3%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0939	0.4100	0.0000	0.4325	0.0194	0.0116	15	-1.16	3%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0968	0.4150	0.0100	0.4325	0.0194	0.0116	15	-0.90	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0872	0.4185	0.0030	0.4325	0.0194	0.0116	15	-0.72	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0652	0.4200	0.0000	0.4325	0.0194	0.0116	15	-0.64	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0682	0.4260	0.0000	0.4325	0.0194	0.0116	15	-0.33	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0504	0.4300	0.0000	0.4325	0.0194	0.0116	15	-0.13	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0226	0.4313	0.0059	0.4325	0.0194	0.0116	15	-0.06	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0571	0.4325	0.0010	0.4325	0.0194	0.0116	15	0.00	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	2059	0.4395	0.0030	0.4325	0.0194	0.0116	15	0.36	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0354	0.4450	0.0260	0.4325	0.0194	0.0116	15	0.65	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0941	0.4450	0.0000	0.4325	0.0194	0.0116	15	0.65	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0644	0.4510	0.0080	0.4325	0.0194	0.0116	15	0.96	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0619	0.4565	0.0110	0.4325	0.0194	0.0116	15	1.24	3%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0353	0.4700	0.0200	0.4325	0.0194	0.0116	15	1.94	4%	0
131.02	Methionine, PAO Post-col OPA Der (%)	0098	0.3975	0.0090				2			0
131.02	Methionine, PAO Post-col OPA Der (%)	2023	0.4600	0.0200				2			0
131.05	Methionine, PAO Pre-col AQC Der (%)	2188	0.3480	0.0000	0.4380	0.0560	0.0107	10	-1.61	10%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	0626	0.3930	0.0040	0.4380	0.0560	0.0107	10	-0.80	5%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	2246	0.4098	0.0003	0.4380	0.0560	0.0107	10	-0.50	3%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	0610	0.4200	0.0000	0.4380	0.0560	0.0107	10	-0.32	2%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	2319	0.4200	0.0000	0.4380	0.0560	0.0107	10	-0.32	2%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	2195	0.4450	0.0100	0.4380	0.0560	0.0107	10	0.13	1%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	0148	0.4500	0.0140	0.4380	0.0560	0.0107	10	0.21	1%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	0870	0.4730	0.0260	0.4380	0.0560	0.0107	10	0.63	4%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	2196	0.4930	0.0000	0.4380	0.0560	0.0107	10	0.98	6%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	0676	0.5550	0.0100	0.4380	0.0560	0.0107	10	2.09	13%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	0407	0.4813	0.0683	0.4380	0.0560	0.0107	10	0.77	5%	1
131.99	Methionine, Miscellaneous (%)	2428	0.3650	0.0100				3			0
131.99	Methionine, Miscellaneous (%)	0227	0.4550	0.0100				3			0
131.99	Methionine, Miscellaneous (%)	0889	0.5500	0.0000				3			0
131.99	Methionine, Miscellaneous (%)	2246	0.4896	0.1920				3			1
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0226	1.093	0.0081	1.135	0.0173	0.0117	14	-2.41	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0939	1.120	0.0000	1.135	0.0173	0.0117	14	-0.84	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0354	1.124	0.0080	1.135	0.0173	0.0117	14	-0.61	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0571	1.124	0.0120	1.135	0.0173	0.0117	14	-0.61	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0652	1.125	0.0100	1.135	0.0173	0.0117	14	-0.55	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0872	1.128	0.0050	1.135	0.0173	0.0117	14	-0.40	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0619	1.130	0.0200	1.135	0.0173	0.0117	14	-0.26	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0644	1.132	0.0260	1.135	0.0173	0.0117	14	-0.14	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0504	1.135	0.0100	1.135	0.0173	0.0117	14	0.03	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	2059	1.140	0.0140	1.135	0.0173	0.0117	14	0.32	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0353	1.145	0.0100	1.135	0.0173	0.0117	14	0.61	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0941	1.151	0.0000	1.135	0.0173	0.0117	14	0.95	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0968	1.190	0.0000	1.135	0.0173	0.0117	14	3.20	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0682	1.222	0.0000	1.135	0.0173	0.0117	14	5.05	4%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0910	1.110	0.0800	1.135	0.0173	0.0117	14	-1.41	1%	1
132.02	Phenylalanine, Post-col OPA Der (%)	0098	1.067	0.0280				2			0
132.02	Phenylalanine, Post-col OPA Der (%)	2023	1.130	0.0200				2			0
132.05	Phenylalanine, Pre-col AQC Der (%)	0870	0.9860	0.0360	1.080	0.0490	0.0179	11	-1.93	4%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	2196	1.020	0.0000	1.080	0.0490	0.0179	11	-1.23	3%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	2188	1.042	0.0000	1.080	0.0490	0.0179	11	-0.78	2%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	0610	1.080	0.0000	1.080	0.0490	0.0179	11	-0.01	0%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	2246	1.080	0.0044	1.080	0.0490	0.0179	11	0.00	0%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	0626	1.084	0.0020	1.080	0.0490	0.0179	11	0.07	0%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	2319	1.090	0.0000	1.080	0.0490	0.0179	11	0.20	0%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	2195	1.100	0.0200	1.080	0.0490	0.0179	11	0.40	1%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	0676	1.105	0.0100	1.080	0.0490	0.0179	11	0.50	1%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	0148	1.125	0.0300	1.080	0.0490	0.0179	11	0.91	2%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	0407	1.152	0.0230	1.080	0.0490	0.0179	11	1.45	3%	0
132.99	Phenylalanine, Miscellaneous (%)	2428	0.9550	0.0100				3			0
132.99	Phenylalanine, Miscellaneous (%)	0889	0.9725	0.0250				3			0
132.99	Phenylalanine, Miscellaneous (%)	0227	1.130	0.0200				3			0
133.00	Proline, Post-col Ninhydrin Der (%)	0353	1.230	0.0200	1.488	0.0647	0.0301	14	-3.99	9%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0619	1.230	0.0400	1.488	0.0647	0.0301	14	-3.99	9%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0968	1.430	0.0400	1.488	0.0647	0.0301	14	-0.90	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0504	1.465	0.0100	1.488	0.0647	0.0301	14	-0.35	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0571	1.472	0.0480	1.488	0.0647	0.0301	14	-0.25	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0644	1.474	0.0320	1.488	0.0647	0.0301	14	-0.22	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0872	1.489	0.0050	1.488	0.0647	0.0301	14	0.01	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	2059	1.495	0.0020	1.488	0.0647	0.0301	14	0.11	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0226	1.511	0.0415	1.488	0.0647	0.0301	14	0.36	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0939	1.515	0.0300	1.488	0.0647	0.0301	14	0.42	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0941	1.520	0.0000	1.488	0.0647	0.0301	14	0.50	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0652	1.530	0.0000	1.488	0.0647	0.0301	14	0.65	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0682	1.569	0.0000	1.488	0.0647	0.0301	14	1.25	3%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0354	1.580	0.1660	1.488	0.0647	0.0301	14	1.42	3%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0910	1.450	0.3400	1.488	0.0647	0.0301	14	-0.59	1%	1
133.05	Proline, Pre-col AQC Der (%)	0870	1.235	0.0420	1.463	0.1308	0.0346	11	-1.75	8%	0
133.05	Proline, Pre-col AQC Der (%)	2246	1.312	0.0118	1.463	0.1308	0.0346	11	-1.16	5%	0
133.05	Proline, Pre-col AQC Der (%)	0148	1.385	0.0900	1.463	0.1308	0.0346	11	-0.60	3%	0

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			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
133.05	Proline, Pre-col AQC Der (%)	0610	1.420	0.0000	1.463	0.1308	0.0346	11	-0.33	1%	0
133.05	Proline, Pre-col AQC Der (%)	2196	1.456	0.0000	1.463	0.1308	0.0346	11	-0.06	0%	0
133.05	Proline, Pre-col AQC Der (%)	0407	1.478	0.0020	1.463	0.1308	0.0346	11	0.11	1%	0
133.05	Proline, Pre-col AQC Der (%)	2188	1.487	0.0000	1.463	0.1308	0.0346	11	0.18	1%	0
133.05	Proline, Pre-col AQC Der (%)	2319	1.500	0.0000	1.463	0.1308	0.0346	11	0.28	1%	0
133.05	Proline, Pre-col AQC Der (%)	0626	1.531	0.0160	1.463	0.1308	0.0346	11	0.52	2%	0
133.05	Proline, Pre-col AQC Der (%)	0676	1.600	0.0400	1.463	0.1308	0.0346	11	1.05	5%	0
133.05	Proline, Pre-col AQC Der (%)	2195	1.785	0.0500	1.463	0.1308	0.0346	11	2.46	11%	0
133.99	Proline, Miscellaneous (%)	2428	1.350	0.0400	1.611	0.2153	0.0350	4			0
133.99	Proline, Miscellaneous (%)	0227	1.545	0.0100	1.611	0.2153	0.0350	4			0
133.99	Proline, Miscellaneous (%)	2023	1.695	0.0300	1.611	0.2153	0.0350	4			0
133.99	Proline, Miscellaneous (%)	0889	1.855	0.0600	1.611	0.2153	0.0350	4			0
134.00	Serine, Post-col Ninhydrin Der (%)	0504	0.9650	0.0500	1.116	0.0478	0.0194	15	-3.15	7%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0353	1.045	0.0100	1.116	0.0478	0.0194	15	-1.48	3%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0872	1.075	0.0060	1.116	0.0478	0.0194	15	-0.85	2%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0571	1.084	0.0210	1.116	0.0478	0.0194	15	-0.67	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	2059	1.102	0.0110	1.116	0.0478	0.0194	15	-0.30	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0910	1.105	0.0300	1.116	0.0478	0.0194	15	-0.22	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0941	1.114	0.0000	1.116	0.0478	0.0194	15	-0.04	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0619	1.120	0.0000	1.116	0.0478	0.0194	15	0.09	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0354	1.124	0.0040	1.116	0.0478	0.0194	15	0.17	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0652	1.130	0.0200	1.116	0.0478	0.0194	15	0.30	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0644	1.138	0.0180	1.116	0.0478	0.0194	15	0.47	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0968	1.140	0.0400	1.116	0.0478	0.0194	15	0.51	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0226	1.149	0.0126	1.116	0.0478	0.0194	15	0.69	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0939	1.180	0.0000	1.116	0.0478	0.0194	15	1.34	3%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0682	1.234	0.0000	1.116	0.0478	0.0194	15	2.47	5%	0
134.02	Serine, Post-col OPA Der (%)	0098	0.9585	0.0130				2			0
134.02	Serine, Post-col OPA Der (%)	2023	1.115	0.0300				2			0
134.05	Serine, Pre-col AQC Der (%)	0407	0.9420	0.0140	1.105	0.1107	0.0201	11	-1.47	7%	0
134.05	Serine, Pre-col AQC Der (%)	0870	0.9865	0.0190	1.105	0.1107	0.0201	11	-1.07	5%	0
134.05	Serine, Pre-col AQC Der (%)	0610	1.015	0.0100	1.105	0.1107	0.0201	11	-0.81	4%	0
134.05	Serine, Pre-col AQC Der (%)	2196	1.070	0.0000	1.105	0.1107	0.0201	11	-0.32	2%	0
134.05	Serine, Pre-col AQC Der (%)	2188	1.089	0.0000	1.105	0.1107	0.0201	11	-0.14	1%	0
134.05	Serine, Pre-col AQC Der (%)	2246	1.111	0.0049	1.105	0.1107	0.0201	11	0.05	0%	0
134.05	Serine, Pre-col AQC Der (%)	0626	1.112	0.0330	1.105	0.1107	0.0201	11	0.06	0%	0
134.05	Serine, Pre-col AQC Der (%)	2319	1.170	0.0000	1.105	0.1107	0.0201	11	0.59	3%	0
134.05	Serine, Pre-col AQC Der (%)	2195	1.200	0.0400	1.105	0.1107	0.0201	11	0.86	4%	0
134.05	Serine, Pre-col AQC Der (%)	0676	1.215	0.0100	1.105	0.1107	0.0201	11	0.99	5%	0
134.05	Serine, Pre-col AQC Der (%)	0148	1.245	0.0300	1.105	0.1107	0.0201	11	1.27	6%	0
134.99	Serine, Miscellaneous (%)	2428	1.075	0.0100				3			0
134.99	Serine, Miscellaneous (%)	0227	1.110	0.0600				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 (%)	0889	1.275	0.0100				3			0
135.00	Threonine, Post-col Ninhydrin Der (%)	0872	0.9160	0.0020	0.9539	0.0266	0.0110	15	-1.43	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0226	0.9241	0.0146	0.9539	0.0266	0.0110	15	-1.12	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0652	0.9250	0.0100	0.9539	0.0266	0.0110	15	-1.09	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0353	0.9350	0.0100	0.9539	0.0266	0.0110	15	-0.71	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0910	0.9400	0.0400	0.9539	0.0266	0.0110	15	-0.52	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0504	0.9450	0.0300	0.9539	0.0266	0.0110	15	-0.34	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	2059	0.9495	0.0030	0.9539	0.0266	0.0110	15	-0.17	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0571	0.9510	0.0080	0.9539	0.0266	0.0110	15	-0.11	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0939	0.9600	0.0000	0.9539	0.0266	0.0110	15	0.23	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0619	0.9660	0.0040	0.9539	0.0266	0.0110	15	0.45	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0644	0.9660	0.0180	0.9539	0.0266	0.0110	15	0.45	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0968	0.9750	0.0100	0.9539	0.0266	0.0110	15	0.79	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0941	0.9790	0.0000	0.9539	0.0266	0.0110	15	0.94	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0354	0.9835	0.0030	0.9539	0.0266	0.0110	15	1.11	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0682	1.022	0.0000	0.9539	0.0266	0.0110	15	2.56	4%	0
135.02	Threonine, Post-col OPA Der (%)	0098	0.9090	0.0260				2			0
135.02	Threonine, Post-col OPA Der (%)	2023	1.070	0.0200				2			0
135.05	Threonine, Pre-col AQC Der (%)	0870	0.8270	0.0260	0.9353	0.0805	0.0148	11	-1.35	6%	0
135.05	Threonine, Pre-col AQC Der (%)	0407	0.8310	0.0080	0.9353	0.0805	0.0148	11	-1.30	6%	0
135.05	Threonine, Pre-col AQC Der (%)	2188	0.8850	0.0000	0.9353	0.0805	0.0148	11	-0.63	3%	0
135.05	Threonine, Pre-col AQC Der (%)	0610	0.9200	0.0200	0.9353	0.0805	0.0148	11	-0.19	1%	0
135.05	Threonine, Pre-col AQC Der (%)	2196	0.9210	0.0000	0.9353	0.0805	0.0148	11	-0.18	1%	0
135.05	Threonine, Pre-col AQC Der (%)	0626	0.9245	0.0090	0.9353	0.0805	0.0148	11	-0.13	1%	0
135.05	Threonine, Pre-col AQC Der (%)	2246	0.9591	0.0158	0.9353	0.0805	0.0148	11	0.30	1%	0
135.05	Threonine, Pre-col AQC Der (%)	2319	0.9700	0.0000	0.9353	0.0805	0.0148	11	0.43	2%	0
135.05	Threonine, Pre-col AQC Der (%)	0676	0.9800	0.0000	0.9353	0.0805	0.0148	11	0.55	2%	0
135.05	Threonine, Pre-col AQC Der (%)	2195	1.015	0.0100	0.9353	0.0805	0.0148	11	0.99	4%	0
135.05	Threonine, Pre-col AQC Der (%)	0148	1.060	0.0000	0.9353	0.0805	0.0148	11	1.55	7%	0
135.99	Threonine, Miscellaneous (%)	2428	0.9050	0.0300	0.9541	0.0373	0.0210	4			0
135.99	Threonine, Miscellaneous (%)	2246	0.9489	0.0188	0.9541	0.0373	0.0210	4			0
135.99	Threonine, Miscellaneous (%)	0227	0.9700	0.0200	0.9541	0.0373	0.0210	4			0
135.99	Threonine, Miscellaneous (%)	0889	0.9925	0.0150	0.9541	0.0373	0.0210	4			0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0941	0.3000	0.0000				2			0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0227	0.3200	0.0000				2			0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0619	0.3145	0.0170				2			1
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0682	0.1790	0.0000				2			2
136.01	Tryptophan, Alka-Hydrol Rev Phase LC UV (%)	0644	0.2945	0.0030				2			0
136.01	Tryptophan, Alka-Hydrol Rev Phase LC UV (%)	0571	0.2955	0.0050				2			0
136.02	Tryptophan, Alka-Hydrol Post-col OPA De (%)	2023	0.2300	0.0000				2			0
136.02	Tryptophan, Alka-Hydrol Post-col OPA De (%)	0098	0.2760	0.0060				2			0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0872	0.2615	0.0050	0.2876	0.0250	0.0043	7	-1.05	5%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0939	0.2700	0.0000	0.2876	0.0250	0.0043	7	-0.71	3%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	2114	0.2718	0.0002	0.2876	0.0250	0.0043	7	-0.63	3%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	2059	0.2870	0.0060	0.2876	0.0250	0.0043	7	-0.03	0%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	2196	0.2990	0.0000	0.2876	0.0250	0.0043	7	0.46	2%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0226	0.2991	0.0005	0.2876	0.0250	0.0043	7	0.46	2%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0353	0.3650	0.0100	0.2876	0.0250	0.0043	7	3.10	13%	0
136.05	Tryptophan, Pre-col AQC Der (%)	0407	0.1265	0.0010	0.2039	0.0656	0.0079	4			0
136.05	Tryptophan, Pre-col AQC Der (%)	2246	0.1807	0.0116	0.2039	0.0656	0.0079	4			0
136.05	Tryptophan, Pre-col AQC Der (%)	0870	0.2285	0.0110	0.2039	0.0656	0.0079	4			0
136.05	Tryptophan, Pre-col AQC Der (%)	2319	0.2800	0.0000	0.2039	0.0656	0.0079	4			0
136.99	Tryptophan, Miscellaneous (%)	0504	0.1850	0.0100				3			0
136.99	Tryptophan, Miscellaneous (%)	2246	0.2336	0.0019				3			0
136.99	Tryptophan, Miscellaneous (%)	0889	0.6600	0.0000				3			0
136.99	Tryptophan, Miscellaneous (%)	2428	0.3300	0.2200				3			1
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0910	0.5350	0.0300	0.7095	0.0763	0.0130	12	-2.29	12%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0941	0.6300	0.0000	0.7095	0.0763	0.0130	12	-1.04	6%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0354	0.6460	0.0100	0.7095	0.0763	0.0130	12	-0.83	4%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0682	0.6820	0.0000	0.7095	0.0763	0.0130	12	-0.36	2%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0504	0.6950	0.0100	0.7095	0.0763	0.0130	12	-0.19	1%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0939	0.7100	0.0200	0.7095	0.0763	0.0130	12	0.01	0%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0872	0.7135	0.0010	0.7095	0.0763	0.0130	12	0.05	0%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0968	0.7250	0.0100	0.7095	0.0763	0.0130	12	0.20	1%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0644	0.7260	0.0100	0.7095	0.0763	0.0130	12	0.22	1%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0226	0.7627	0.0270	0.7095	0.0763	0.0130	12	0.70	4%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0353	0.8050	0.0100	0.7095	0.0763	0.0130	12	1.25	7%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	2059	0.8305	0.0030	0.7095	0.0763	0.0130	12	1.59	9%	0
137.02	Tyrosine, Post-col OPA Der (%)	2023	0.5150	0.0300				2			0
137.02	Tyrosine, Post-col OPA Der (%)	0098	0.5435	0.0170				2			0
137.05	Tyrosine, Pre-col AQC Der (%)	2246	0.5194	0.0128	0.7013	0.1295	0.0195	10	-1.41	13%	0
137.05	Tyrosine, Pre-col AQC Der (%)	0626	0.5625	0.0090	0.7013	0.1295	0.0195	10	-1.07	10%	0
137.05	Tyrosine, Pre-col AQC Der (%)	0870	0.5630	0.0080	0.7013	0.1295	0.0195	10	-1.07	10%	0
137.05	Tyrosine, Pre-col AQC Der (%)	0407	0.6930	0.0000	0.7013	0.1295	0.0195	10	-0.06	1%	0
137.05	Tyrosine, Pre-col AQC Der (%)	2319	0.7100	0.0000	0.7013	0.1295	0.0195	10	0.07	1%	0
137.05	Tyrosine, Pre-col AQC Der (%)	2196	0.7440	0.0000	0.7013	0.1295	0.0195	10	0.33	3%	0
137.05	Tyrosine, Pre-col AQC Der (%)	0148	0.7965	0.0370	0.7013	0.1295	0.0195	10	0.74	7%	0
137.05	Tyrosine, Pre-col AQC Der (%)	0610	0.8000	0.0200	0.7013	0.1295	0.0195	10	0.76	7%	0
137.05	Tyrosine, Pre-col AQC Der (%)	2188	0.8000	0.0000	0.7013	0.1295	0.0195	10	0.76	7%	0
137.05	Tyrosine, Pre-col AQC Der (%)	0676	0.8250	0.0300	0.7013	0.1295	0.0195	10	0.96	9%	0
137.99	Tyrosine, Miscellaneous (%)	2428	0.5900	0.0400				3			0
137.99	Tyrosine, Miscellaneous (%)	0227	0.6300	0.0600				3			0
137.99	Tyrosine, Miscellaneous (%)	0889	0.6600	0.0000				3			0
138.00	Valine, Post-col Ninhydrin Der (%)	0939	1.105	0.0100	1.229	0.0497	0.0202	14	-2.49	5%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
138.00	Valine, Post-col Ninhydrin Der (%)	0354	1.168	0.0400	1.229	0.0497	0.0202	14	-1.22	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0353	1.175	0.0100	1.229	0.0497	0.0202	14	-1.08	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0968	1.195	0.0100	1.229	0.0497	0.0202	14	-0.68	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0682	1.209	0.0000	1.229	0.0497	0.0202	14	-0.40	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0652	1.225	0.0100	1.229	0.0497	0.0202	14	-0.08	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0644	1.228	0.0220	1.229	0.0497	0.0202	14	-0.02	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0619	1.240	0.0400	1.229	0.0497	0.0202	14	0.22	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0872	1.253	0.0040	1.229	0.0497	0.0202	14	0.49	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	2059	1.253	0.0100	1.229	0.0497	0.0202	14	0.49	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0226	1.256	0.0374	1.229	0.0497	0.0202	14	0.55	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0571	1.272	0.0290	1.229	0.0497	0.0202	14	0.86	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0941	1.272	0.0000	1.229	0.0497	0.0202	14	0.87	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0504	1.330	0.0000	1.229	0.0497	0.0202	14	2.03	4%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0910	1.210	0.1000	1.229	0.0497	0.0202	14	-0.38	1%	1
138.02	Valine, Post-col OPA Der (%)	2023	1.125	0.0300				2			0
138.02	Valine, Post-col OPA Der (%)	0098	1.292	0.0240				2			0
138.05	Valine, Pre-col AQC Der (%)	2319	1.125	0.0500	1.214	0.0781	0.0142	10	-1.14	4%	0
138.05	Valine, Pre-col AQC Der (%)	2188	1.139	0.0000	1.214	0.0781	0.0142	10	-0.96	3%	0
138.05	Valine, Pre-col AQC Der (%)	2246	1.150	0.0090	1.214	0.0781	0.0142	10	-0.81	3%	0
138.05	Valine, Pre-col AQC Der (%)	0626	1.187	0.0030	1.214	0.0781	0.0142	10	-0.35	1%	0
138.05	Valine, Pre-col AQC Der (%)	2196	1.192	0.0100	1.214	0.0781	0.0142	10	-0.28	1%	0
138.05	Valine, Pre-col AQC Der (%)	0610	1.205	0.0100	1.214	0.0781	0.0142	10	-0.11	0%	0
138.05	Valine, Pre-col AQC Der (%)	2195	1.250	0.0000	1.214	0.0781	0.0142	10	0.46	1%	0
138.05	Valine, Pre-col AQC Der (%)	0676	1.275	0.0300	1.214	0.0781	0.0142	10	0.78	3%	0
138.05	Valine, Pre-col AQC Der (%)	0148	1.285	0.0100	1.214	0.0781	0.0142	10	0.91	3%	0
138.05	Valine, Pre-col AQC Der (%)	0407	1.332	0.0090	1.214	0.0781	0.0142	10	1.51	5%	0
138.05	Valine, Pre-col AQC Der (%)	0870	0.9965	0.0930	1.214	0.0781	0.0142	10	-2.78	9%	1
138.99	Valine, Miscellaneous (%)	2428	0.9950	0.0700				3			0
138.99	Valine, Miscellaneous (%)	0889	1.073	0.0050				3			0
138.99	Valine, Miscellaneous (%)	0227	1.270	0.1000				3			0
139.00	Taurine, Post-col Ninhydrin Der (%)	0939	0.1150	0.0100				3			0
139.00	Taurine, Post-col Ninhydrin Der (%)	0682	0.1440	0.0000				3			0
139.00	Taurine, Post-col Ninhydrin Der (%)	0504	0.3450	0.0100				3			0
139.02	Taurine, Post-col OPA Der (%)	0098	0.1050	0.0080				1			0
139.05	Taurine, Pre-col AQC Der (%)	0676	0.1250	0.0100				2			0
139.05	Taurine, Pre-col AQC Der (%)	0407	0.1595	0.0010				2			0
139.99	Taurine, Miscellaneous (%)	0889	0.0400	0.0000				2			0
139.99	Taurine, Miscellaneous (%)	2319	0.1060	0.0000				2			0
160.10	Fructose, HPAEC PAD (%)	0297	0.0000	0.0000				0			4
161.10	Galactose, HPAEC PAD (%)	0297	0.0000	0.0000				0			4
162.10	Glucose, HPAEC PAD (%)	0297	0.0000	0.0000				0			4
163.10	Lactose, HPAEC PAD (%)	0297	0.0000	0.0000				0			4

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			
164.10	Maltose, HPAEC PAD (%)	0297	0.0000	0.0000				0			4
165.10	Sucrose, HPAEC PAD (%)	0297	2.420	0.0600				1			0
166.10	Raffinose, HPAEC PAD (%)	0297	1.960	0.0600				1			0
167.10	Stachyose, HPAEC PAD (%)	0297	0.8450	0.0100				1			0
400.01	Water Activity, Aqualab chilled mirror (Units)	0853	0.3878	0.0034	0.5217	0.0151	0.0039	9	-8.88	13%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	2174	0.5085	0.0030	0.5217	0.0151	0.0039	9	-0.88	1%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	2303	0.5115	0.0010	0.5217	0.0151	0.0039	9	-0.68	1%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	2168	0.5185	0.0110	0.5217	0.0151	0.0039	9	-0.21	0%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	0942	0.5220	0.0040	0.5217	0.0151	0.0039	9	0.02	0%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	0407	0.5312	0.0009	0.5217	0.0151	0.0039	9	0.62	1%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	2114	0.5337	0.0012	0.5217	0.0151	0.0039	9	0.79	1%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	0123	0.5350	0.0100	0.5217	0.0151	0.0039	9	0.88	1%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	2181	0.5361	0.0013	0.5217	0.0151	0.0039	9	0.95	1%	0
400.99	Water Activity, Miscellaneous (Units)	0914	0.5550	0.0100				1			0
516.00	Arsenic, Total (As), AA, Hydride (ppm)	0045	0.0750	0.0100				1			0
516.43	Arsenic, Total (As), ICP, Microwave (ppm)	2124	< 0.89					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	0.1096	0.0006				1			0
516.53	Arsenic, Total (As), ICP-MS, Microwave (ppm)	0227	0.1215	0.0090				2			0
516.53	Arsenic, Total (As), ICP-MS, Microwave (ppm)	0407	0.1356	0.0029				2			0
516.53	Arsenic, Total (As), ICP-MS, Microwave (ppm)	2428	< 0.5					2			5
518.41	Cadmium, ICP, Dry ash (ppm)	0407	0.0366	0.0021				1			0
518.42	Cadmium, ICP, Open vessel (ppm)	0685	0.0500	0.0200				1			0
518.42	Cadmium, ICP, Open vessel (ppm)	2433	0.0000	0.0000				1			4
518.43	Cadmium, ICP, Microwave (ppm)	0407	0.0408	0.0012				1			0
518.43	Cadmium, ICP, Microwave (ppm)	2124	< 0.16					1			5
518.43	Cadmium, ICP, Microwave (ppm)	0682	< 0.2					1			5
518.52	Cadmium, ICP-MS, Open vessel (ppm)	0186	< 0.05					0			5
518.53	Cadmium, ICP-MS, Microwave (ppm)	0227	0.0335	0.0030				2			0
518.53	Cadmium, ICP-MS, Microwave (ppm)	0407	0.0390	0.0012				2			0
518.53	Cadmium, ICP-MS, Microwave (ppm)	2428	< 0.25					2			5
520.41	Chromium, Total (Cr), ICP, Dry ash (ppm)	0407	2.367	0.0518				2			0
520.41	Chromium, Total (Cr), ICP, Dry ash (ppm)	0066	3.676	0.1330				2			0
520.42	Chromium, Total (Cr), ICP, Open vessel (ppm)	0693	2.514	0.4000				2			0
520.42	Chromium, Total (Cr), ICP, Open vessel (ppm)	0045	2.760	0.3800				2			0
520.43	Chromium, Total (Cr), ICP, Microwave (ppm)	0407	2.806	0.0087				3			0
520.43	Chromium, Total (Cr), ICP, Microwave (ppm)	0510	3.160	0.0400				3			0
520.43	Chromium, Total (Cr), ICP, Microwave (ppm)	0682	3.480	0.0000				3			0
520.52	Chromium, Total (Cr), ICP-MS, Open vessel (ppm)	0186	1.310	0.0214				1			0
520.53	Chromium, Total (Cr), ICP-MS, Microwave (ppm)	0407	3.023	0.0407				3			0
520.53	Chromium, Total (Cr), ICP-MS, Microwave (ppm)	0939	3.025	0.1500				3			0
520.53	Chromium, Total (Cr), ICP-MS, Microwave (ppm)	2428	3.570	0.1400				3			0

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			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs			
526.41	Lead, ICP, Dry ash (ppm)	0407	0.1121	0.0441				2		0	
526.41	Lead, ICP, Dry ash (ppm)	0066	0.6490	0.0400				2		0	
526.42	Lead, ICP, Open vessel (ppm)	2433	12.83	8.512				1		0	
526.43	Lead, ICP, Microwave (ppm)	0407	0.1764	0.0078				1		0	
526.43	Lead, ICP, Microwave (ppm)	0682	< 10					1		5	
526.52	Lead, ICP-MS, Open vessel (ppm)	0186	0.1475	0.0040				1		0	
526.53	Lead, ICP-MS, Microwave (ppm)	0407	0.1352	0.0395				3		0	
526.53	Lead, ICP-MS, Microwave (ppm)	2428	0.1400	0.0200				3		0	
526.53	Lead, ICP-MS, Microwave (ppm)	0227	0.1445	0.0010				3		0	
526.53	Lead, ICP-MS, Microwave (ppm)	0939	0.1950	0.0300				3		2	
529.99	Mercury, Miscellaneous (ppb)	0407	4.295	0.7999				1		0	
529.99	Mercury, Miscellaneous (ppb)	2428	< 100					1		5	
529.99	Mercury, Miscellaneous (ppb)	0682	< 10000					1		5	
539.41	Nickel, ICP, Dry ash (ppm)	0407	1.798	0.0952				1		0	
539.42	Nickel, ICP, Open vessel (ppm)	2433	6.269	0.5710				1		0	
539.43	Nickel, ICP, Microwave (ppm)	0407	1.920	0.0137				2		0	
539.43	Nickel, ICP, Microwave (ppm)	0682	2.220	0.0000				2		0	
539.52	Nickel, ICP-MS, Open vessel (ppm)	0186	1.613	0.1123				1		0	
539.53	Nickel, ICP-MS, Microwave (ppm)	0407	1.982	0.0775				3		0	
539.53	Nickel, ICP-MS, Microwave (ppm)	0939	2.075	0.1500				3		0	
539.53	Nickel, ICP-MS, Microwave (ppm)	2428	2.285	0.1100				3		0	
702.00	Butyric Acid (4:0), Miscellaneous GC (%)	0164	0.0010	0.0000				2		0	
702.00	Butyric Acid (4:0), Miscellaneous GC (%)	0619	0.0345	0.0010				2		0	
704.00	Caproic Acid (6:0), Miscellaneous GC (%)	0164	0.0035	0.0010				2		0	
704.00	Caproic Acid (6:0), Miscellaneous GC (%)	0619	0.0060	0.0000				2		0	
706.01	Caprylic acid (8:0), Direct Methylation by Alkali	0619	0.0000	0.0000				0		4	
706.99	Caprylic acid (8:0), Miscellaneous (% (w/w))	0164	0.0020	0.0000				1		0	
706.99	Caprylic acid (8:0), Miscellaneous (% (w/w))	0910	< 0.05					1		5	
708.01	Capric acid (10:0), Direct Methylation by Alkali	0619	0.0065	0.0010				1		0	
708.99	Capric acid (10:0), Miscellaneous (% (w/w))	0164	0.0045	0.0010				1		0	
708.99	Capric acid (10:0), Miscellaneous (% (w/w))	0910	< 0.05					1		5	
710.01	Lauric Acid (12:0), Direct Methylation by Alkali	0619	0.0090	0.0000				1		0	
710.99	Lauric Acid (12:0), Miscellaneous (% (w/w))	0676	0.0065	0.0010				3		0	
710.99	Lauric Acid (12:0), Miscellaneous (% (w/w))	0226	0.0077	0.0005				3		0	
710.99	Lauric Acid (12:0), Miscellaneous (% (w/w))	0164	0.0105	0.0010				3		0	
710.99	Lauric Acid (12:0), Miscellaneous (% (w/w))	0910	0.0500	0.0000				3		2	
714.01	Myristic Acid (14:0), Direct Methylation by Alkali	0619	0.1200	0.0060				1		0	
714.99	Myristic Acid (14:0), Miscellaneous (% (w/w))	0164	0.1045	0.0010				3		0	
714.99	Myristic Acid (14:0), Miscellaneous (% (w/w))	0226	0.1105	0.0005				3		0	
714.99	Myristic Acid (14:0), Miscellaneous (% (w/w))	0910	0.8650	0.0100				3		0	
716.01	Palmitic Acid (16:0), Direct Methylation by Alkali	0619	3.245	0.0100				1		0	
716.99	Palmitic Acid (16:0), Miscellaneous (% (w/w))	0164	2.630	0.0220				3		0	

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716.99	Palmitic Acid (16:0), Miscellaneous (% (w/w))	0226	2.804	0.0562				3		0	
716.99	Palmitic Acid (16:0), Miscellaneous (% (w/w))	0910	22.52	0.0200				3		0	
718.01	Palmitoleic Acid (9c-16:1), Direct Methylation by Alkali	0619	0.6335	0.0470				1		0	
718.99	Palmitoleic Acid (9c-16:1), Miscellaneous (% (w/w))	0164	0.5320	0.0020				2		0	
718.99	Palmitoleic Acid (9c-16:1), Miscellaneous (% (w/w))	0226	0.5509	0.0031				2		0	
718.99	Palmitoleic Acid (9c-16:1), Miscellaneous (% (w/w))	0676	0.5290	0.0380				2		1	
718.99	Palmitoleic Acid (9c-16:1), Miscellaneous (% (w/w))	0910	4.570	0.0000				2		2	
720.99	Margaric acid (17:0), Miscellaneous (% (w/w))	0164	0.0470	0.0000				1		0	
722.01	Stearic Acid (18:0), Direct Methylation by Alkali	0619	1.195	0.0100				1		0	
722.99	Stearic Acid (18:0), Miscellaneous (% (w/w))	0164	1.005	0.0090				3		0	
722.99	Stearic Acid (18:0), Miscellaneous (% (w/w))	0226	1.087	0.0215				3		0	
722.99	Stearic Acid (18:0), Miscellaneous (% (w/w))	0910	8.780	0.1000				3		0	
724.01	Oleic Acid (9c-18:1), Direct Methylation by Alkali	0619	4.570	0.5800				1		0	
724.99	Oleic Acid (9c-18:1), Miscellaneous (% (w/w))	0164	4.004	0.0100				3		0	
724.99	Oleic Acid (9c-18:1), Miscellaneous (% (w/w))	0226	4.252	0.0460				3		0	
724.99	Oleic Acid (9c-18:1), Miscellaneous (% (w/w))	0910	34.91	0.0900				3		0	
726.01	Linoleic Acid (9c,12c-18:2), Direct Methylation by Alkali	0619	2.740	0.0000				1		0	
726.02	Linoleic Acid (9c,12c-18:2), Direct Methylation by Alkali	0148	2.115	0.0500				1		0	
726.99	Linoleic Acid (9c,12c-18:2), Miscellaneous (% (w/w))	0164	2.238	0.0020	2.330	0.0935	0.0414	4		0	
726.99	Linoleic Acid (9c,12c-18:2), Miscellaneous (% (w/w))	0226	2.304	0.0245	2.330	0.0935	0.0414	4		0	
726.99	Linoleic Acid (9c,12c-18:2), Miscellaneous (% (w/w))	0676	2.317	0.1190	2.330	0.0935	0.0414	4		0	
726.99	Linoleic Acid (9c,12c-18:2), Miscellaneous (% (w/w))	0610	2.460	0.0200	2.330	0.0935	0.0414	4		0	
726.99	Linoleic Acid (9c,12c-18:2), Miscellaneous (% (w/w))	0910	19.24	0.1100	2.330	0.0935	0.0414	4		2	
728.01	alpha-Linolenic Acid (9c,12c,15c-18:3), Direct Methylation by Alkali	0619	0.1360	0.0040				1		0	
728.99	alpha-Linolenic Acid (9c,12c,15c-18:3), Miscellaneous (% (w/w))	0226	0.1100	0.0026				3		0	
728.99	alpha-Linolenic Acid (9c,12c,15c-18:3), Miscellaneous (% (w/w))	0164	0.1135	0.0010				3		0	
728.99	alpha-Linolenic Acid (9c,12c,15c-18:3), Miscellaneous (% (w/w))	0676	0.1150	0.0040				3		0	
728.99	alpha-Linolenic Acid (9c,12c,15c-18:3), Miscellaneous (% (w/w))	0910	1.125	0.0100				3		2	
730.01	Arachidic Acid (20:0), Direct Methylation by Alkali	0619	0.0295	0.0050				1		0	
730.99	Arachidic Acid (20:0), Miscellaneous (% (w/w))	0164	0.0225	0.0010				3		0	
730.99	Arachidic Acid (20:0), Miscellaneous (% (w/w))	0226	0.0237	0.0001				3		0	
730.99	Arachidic Acid (20:0), Miscellaneous (% (w/w))	0910	0.2050	0.0100				3		0	
732.01	Gondoic Acid (11c-20:1), Direct Methylation by Alkali	0619	0.0420	0.0040				1		0	
732.99	Gondoic Acid (11c-20:1), Miscellaneous (% (w/w))	0164	0.0330	0.0000				2		0	
732.99	Gondoic Acid (11c-20:1), Miscellaneous (% (w/w))	0226	0.0427	0.0018				2		0	
736.01	Arachidonic Acid (5c,8c,11c,14c-20:4), Direct Methylation by Alkali	0619	0.0585	0.0110				1		0	
736.99	Arachidonic Acid (5c,8c,11c,14c-20:4), Miscellaneous (% (w/w))	0164	0.0430	0.0000				2		0	
736.99	Arachidonic Acid (5c,8c,11c,14c-20:4), Miscellaneous (% (w/w))	0676	0.0450	0.0020				2		0	
738.01	Mead Acid (11c,14c,17c-20:3), Direct Methylation by Alkali	0619	0.0000	0.0000				0		4	
740.01	Eicosapentaenoic Acid EPA (5c,8c,11c,14c,17c,20:5), Direct Methylation by Alkali	0619	0.0000	0.0000				0		4	
740.99	Eicosapentaenoic Acid EPA (5c,8c,11c,14c,17c,20:5), Miscellaneous (% (w/w))	0164	0.0040	0.0000				2		0	
740.99	Eicosapentaenoic Acid EPA (5c,8c,11c,14c,17c,20:5), Miscellaneous (% (w/w))	0910	0.0750	0.0100				2		0	

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740.99	Eicosapentaenoic Acid EPA (5c,8c,11c,14c,17c)	0226	< 0.005					2		5	
740.99	Eicosapentaenoic Acid EPA (5c,8c,11c,14c,17c)	0676	< 0.01					2		5	
742.99	Behenic Acid (22:0), Miscellaneous (% (w/w))	0164	0.0135	0.0010				3		0	
742.99	Behenic Acid (22:0), Miscellaneous (% (w/w))	0226	0.0145	0.0001				3		0	
742.99	Behenic Acid (22:0), Miscellaneous (% (w/w))	0910	0.1300	0.0200				3		0	
744.01	Erucic Acid (13c-22:1), Direct Methylation by AI	0619	0.0000	0.0000				0		4	
744.99	Erucic Acid (13c-22:1), Miscellaneous (% (w/w))	0164	0.0030	0.0000				1		0	
744.99	Erucic Acid (13c-22:1), Miscellaneous (% (w/w))	0226	< 0.005					1		5	
744.99	Erucic Acid (13c-22:1), Miscellaneous (% (w/w))	0910	< 0.05					1		5	
746.01	Docosapentaenoic Acid n-3 DPA (7c,10c,13c,16c)	0619	0.0000	0.0000				0		4	
746.99	Docosapentaenoic Acid n-3 DPA (7c,10c,13c,16c)	0164	0.0070	0.0000				3		0	
746.99	Docosapentaenoic Acid n-3 DPA (7c,10c,13c,16c)	0226	0.0071	0.0003				3		0	
746.99	Docosapentaenoic Acid n-3 DPA (7c,10c,13c,16c)	0676	0.0085	0.0010				3		0	
746.99	Docosapentaenoic Acid n-3 DPA (7c,10c,13c,16c)	0910	0.0850	0.0100				3		2	
748.99	Lignoceric Acid (24:0), Miscellaneous (% (w/w))	0164	0.0175	0.0010				3		0	
748.99	Lignoceric Acid (24:0), Miscellaneous (% (w/w))	0226	0.0178	0.0006				3		0	
748.99	Lignoceric Acid (24:0), Miscellaneous (% (w/w))	0910	0.1500	0.0600				3		0	
750.01	Docosahexaenoic Acid DHA (4c,7c,10c,13c,16c)	0619	0.0000	0.0000				0		4	
750.99	Docosahexaenoic Acid DHA (4c,7c,10c,13c,16c)	0164	0.0100	0.0060				1		0	
750.99	Docosahexaenoic Acid DHA (4c,7c,10c,13c,16c)	0226	< 0.005					1		5	
750.99	Docosahexaenoic Acid DHA (4c,7c,10c,13c,16c)	0676	< 0.01					1		5	
750.99	Docosahexaenoic Acid DHA (4c,7c,10c,13c,16c)	0910	< 0.05					1		5	
752.01	Nervonic Acid (24:1) isomers, Direct Methylation	0619	0.0000	0.0000				0		4	
752.99	Nervonic Acid (24:1) isomers, Miscellaneous (%)	0226	0.0072	0.0003				2		0	
752.99	Nervonic Acid (24:1) isomers, Miscellaneous (%)	0164	0.0085	0.0010				2		0	
754.02	Total n-3 Polyunsaturated (Omega-3) Fatty Acids	0148	0.1370	0.0060				1		0	
754.99	Total n-3 Polyunsaturated (Omega-3) Fatty Acids	0171	0.1000	0.0000	0.1258	0.0251	0.0080	6	-1.03	10%	0
754.99	Total n-3 Polyunsaturated (Omega-3) Fatty Acids	0610	0.1000	0.0000	0.1258	0.0251	0.0080	6	-1.03	10%	0
754.99	Total n-3 Polyunsaturated (Omega-3) Fatty Acids	0941	0.1290	0.0000	0.1258	0.0251	0.0080	6	0.13	1%	0
754.99	Total n-3 Polyunsaturated (Omega-3) Fatty Acids	0676	0.1300	0.0000	0.1258	0.0251	0.0080	6	0.17	2%	0
754.99	Total n-3 Polyunsaturated (Omega-3) Fatty Acids	0164	0.1410	0.0060	0.1258	0.0251	0.0080	6	0.61	6%	0
754.99	Total n-3 Polyunsaturated (Omega-3) Fatty Acids	0910	0.1550	0.0100	0.1258	0.0251	0.0080	6	1.16	12%	0
756.01	Total n-6 Polyunsaturated (Omega-6) Fatty Acids	0148	2.190	0.0400				1		0	
756.99	Total n-6 Polyunsaturated (Omega-6) Fatty Acids	0171	2.205	0.0500	2.463	0.1933	0.0483	6	-1.34	5%	0
756.99	Total n-6 Polyunsaturated (Omega-6) Fatty Acids	0164	2.356	0.0030	2.463	0.1933	0.0483	6	-0.56	2%	0
756.99	Total n-6 Polyunsaturated (Omega-6) Fatty Acids	0676	2.410	0.1200	2.463	0.1933	0.0483	6	-0.27	1%	0
756.99	Total n-6 Polyunsaturated (Omega-6) Fatty Acids	0910	2.550	0.0200	2.463	0.1933	0.0483	6	0.45	2%	0
756.99	Total n-6 Polyunsaturated (Omega-6) Fatty Acids	0610	2.600	0.0000	2.463	0.1933	0.0483	6	0.71	3%	0
756.99	Total n-6 Polyunsaturated (Omega-6) Fatty Acids	0941	2.658	0.0000	2.463	0.1933	0.0483	6	1.01	4%	0
758.99	Total Saturated Fatty Acids, Miscellaneous (%)	0164	3.883	0.0390				2		0	
758.99	Total Saturated Fatty Acids, Miscellaneous (%)	0910	33.35	0.2300				2		0	
762.99	Total Monounsaturated Fatty Acids, Miscellaneous	0910	40.40	0.0400				1		0	

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764.99	Total cis Monounsaturated Fatty Acids, Miscell:	0164	4.903	0.0100				1		0	
766.99	Total Polyunsaturated Fatty Acids, Miscellaneo	0910	21.11	0.0300				1		0	
768.99	Total cis Polyunsaturated Fatty Acids, Miscellar	0164	2.563	0.0060				1		0	
770.99	Total Fat (equivalent to NLEA), Miscellaneous (0164	12.03	0.0490				1		0	
772.99	Total Fatty Acids, Miscellaneous (% (w/w))	0226	11.34	0.0563				2		0	
772.99	Total Fatty Acids, Miscellaneous (% (w/w))	0164	11.50	0.0470				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.