



**AAFCO**  
Association of American Feed Control Officials



**Animal Feed Scheme**  
**Swine Finisher**

**# Labs Reporting: 152**  
**# Methods Reported 350**  
**Issue Date : 01/31/2024**

**Test Material Code # 202332**

**Method Proficiency Testing Report**

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs			
000.02	Urea, As protein, Colorimetric (%)	0278	0.2250	0.0100				1		0	
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0169	10.25	0.0400				3		0	
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0027	10.26	0.0360				3		0	
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0407	10.26	0.0076				3		0	
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0504	10.30	0.3800				3		1	
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0016	10.50	0.0000				3		2	
001.03	Loss on Drying, Low temp. methods (%)	0202	10.10	0.2000				3		0	
001.03	Loss on Drying, Low temp. methods (%)	0619	10.20	0.0000				3		0	
001.03	Loss on Drying, Low temp. methods (%)	0843	10.48	0.2000				3		0	
001.05	Loss on Drying, LECO (%)	0644	10.02	0.0120				1		0	
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0345	6.885	0.0060	10.10	0.3185	0.1561	43	-10.09	16%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0682	9.450	0.0000	10.10	0.3185	0.1561	43	-2.04	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0853	9.450	0.1000	10.10	0.3185	0.1561	43	-2.04	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0413	9.570	0.5400	10.10	0.3185	0.1561	43	-1.66	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0010	9.650	0.1000	10.10	0.3185	0.1561	43	-1.41	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0034	9.715	0.3100	10.10	0.3185	0.1561	43	-1.21	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2146	9.715	0.0100	10.10	0.3185	0.1561	43	-1.21	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2144	9.785	0.0100	10.10	0.3185	0.1561	43	-0.99	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0038	9.795	0.4100	10.10	0.3185	0.1561	43	-0.96	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0089	9.850	0.2000	10.10	0.3185	0.1561	43	-0.78	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0353	9.860	0.1400	10.10	0.3185	0.1561	43	-0.75	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2190	9.870	0.1600	10.10	0.3185	0.1561	43	-0.72	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0643	9.892	0.0010	10.10	0.3185	0.1561	43	-0.65	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0596	9.915	0.0700	10.10	0.3185	0.1561	43	-0.58	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2059	9.940	0.0000	10.10	0.3185	0.1561	43	-0.50	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0148	10.03	0.4300	10.10	0.3185	0.1561	43	-0.23	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0049	10.06	0.5100	10.10	0.3185	0.1561	43	-0.14	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2009	10.09	0.0068	10.10	0.3185	0.1561	43	-0.03	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0675	10.13	0.0300	10.10	0.3185	0.1561	43	0.08	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0015	10.14	0.0500	10.10	0.3185	0.1561	43	0.11	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0074	10.18	0.5500	10.10	0.3185	0.1561	43	0.24	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0226	10.19	0.0900	10.10	0.3185	0.1561	43	0.27	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0083	10.19	0.0200	10.10	0.3185	0.1561	43	0.28	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0876	10.21	0.5600	10.10	0.3185	0.1561	43	0.35	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0003	10.23	0.1700	10.10	0.3185	0.1561	43	0.39	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0581	10.24	0.0900	10.10	0.3185	0.1561	43	0.43	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0066	10.25	0.1100	10.10	0.3185	0.1561	43	0.46	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0171	10.25	0.0400	10.10	0.3185	0.1561	43	0.47	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0505	10.25	0.0400	10.10	0.3185	0.1561	43	0.47	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2259	10.28	0.0380	10.10	0.3185	0.1561	43	0.56	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2192	10.28	0.0200	10.10	0.3185	0.1561	43	0.57	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0571	10.28	0.0800	10.10	0.3185	0.1561	43	0.57	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0407	10.30	0.0095	10.10	0.3185	0.1561	43	0.62	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0689	10.30	0.0000	10.10	0.3185	0.1561	43	0.63	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2195	10.33	0.0000	10.10	0.3185	0.1561	43	0.72	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0035	10.36	0.0500	10.10	0.3185	0.1561	43	0.80	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0098	10.36	0.1900	10.10	0.3185	0.1561	43	0.80	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0033	10.38	0.1300	10.10	0.3185	0.1561	43	0.87	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0028	10.45	0.0300	10.10	0.3185	0.1561	43	1.09	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0843	10.48	0.2000	10.10	0.3185	0.1561	43	1.20	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0045	10.50	0.4000	10.10	0.3185	0.1561	43	1.26	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0366	10.55	0.3000	10.10	0.3185	0.1561	43	1.42	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0693	10.78	0.6700	10.10	0.3185	0.1561	43	2.13	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0278	8.340	1.000	10.10	0.3185	0.1561	43	-5.52	9%	1
001.08	Loss on Drying, 102°C 16 hr, in meat (%)	0921	10.58	0.0740				1			0
001.99	Loss on Drying, Miscellaneous (%)	2155	8.430	0.1600	9.880	0.4769	0.0868	16	-3.04	7%	0
001.99	Loss on Drying, Miscellaneous (%)	0618	8.745	0.1700	9.880	0.4769	0.0868	16	-2.38	6%	0
001.99	Loss on Drying, Miscellaneous (%)	0889	9.435	0.0100	9.880	0.4769	0.0868	16	-0.93	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0676	9.550	0.0600	9.880	0.4769	0.0868	16	-0.69	2%	0
001.99	Loss on Drying, Miscellaneous (%)	2392	9.565	0.0100	9.880	0.4769	0.0868	16	-0.66	2%	0
001.99	Loss on Drying, Miscellaneous (%)	2246	9.615	0.0500	9.880	0.4769	0.0868	16	-0.56	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0948	9.945	0.0300	9.880	0.4769	0.0868	16	0.14	0%	0
001.99	Loss on Drying, Miscellaneous (%)	0918	9.955	0.0100	9.880	0.4769	0.0868	16	0.16	0%	0
001.99	Loss on Drying, Miscellaneous (%)	0510	10.00	0.0000	9.880	0.4769	0.0868	16	0.25	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0186	10.01	0.0242	9.880	0.4769	0.0868	16	0.28	1%	0
001.99	Loss on Drying, Miscellaneous (%)	2319	10.05	0.1000	9.880	0.4769	0.0868	16	0.36	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0910	10.15	0.3000	9.880	0.4769	0.0868	16	0.57	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0852	10.22	0.0300	9.880	0.4769	0.0868	16	0.70	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0914	10.29	0.1200	9.880	0.4769	0.0868	16	0.86	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0357	10.46	0.1051	9.880	0.4769	0.0868	16	1.21	3%	0
001.99	Loss on Drying, Miscellaneous (%)	0019	10.51	0.2400	9.880	0.4769	0.0868	16	1.32	3%	0
001.99	Loss on Drying, Miscellaneous (%)	0536	9.150	0.5400	9.880	0.4769	0.0868	16	-1.53	4%	1
002.00	Protein, Crude, Crude (%)	2433	15.30	0.4000				2			0
002.00	Protein, Crude, Crude (%)	0169	16.50	0.4000				2			0
002.01	Protein, Crude, Auto Kjel-Foss (%)	2195	14.62	0.0100	15.20	0.2859	0.1528	13	-2.05	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	
002.01	Protein, Crude, Auto Kjell-Foss (%)	2434	14.87	0.0000	15.20	0.2859	0.1528	13	-1.16	1%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	2188	14.94	0.1300	15.20	0.2859	0.1528	13	-0.93	1%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	0889	15.03	0.2800	15.20	0.2859	0.1528	13	-0.60	1%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	0848	15.09	0.0600	15.20	0.2859	0.1528	13	-0.39	0%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	2193	15.14	0.0100	15.20	0.2859	0.1528	13	-0.23	0%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	0870	15.23	0.2400	15.20	0.2859	0.1528	13	0.11	0%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	2196	15.31	0.0000	15.20	0.2859	0.1528	13	0.38	0%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	2259	15.35	0.1260	15.20	0.2859	0.1528	13	0.52	0%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	2325	15.37	0.0100	15.20	0.2859	0.1528	13	0.58	1%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	0674	15.46	0.0000	15.20	0.2859	0.1528	13	0.91	1%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	0164	15.47	0.4400	15.20	0.2859	0.1528	13	0.94	1%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	0685	15.59	0.2800	15.20	0.2859	0.1528	13	1.36	1%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	0910	2.390	0.0200	15.20	0.2859	0.1528	13	-44.81	42%	2
002.02	Protein, Crude, Semiauto Autoanalyzer (%)	0066	15.18	0.0500				1			0
002.04	Protein, Crude, Copper Catalyst (%)	0504	14.80	0.5000				1			0
002.05	Protein, Crude, Copper, Boric Acid (%)	2200	14.65	0.3000	15.22	0.2573	0.1099	24	-2.23	2%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2006	14.72	0.4320	15.22	0.2573	0.1099	24	-1.94	2%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0689	14.95	0.1000	15.22	0.2573	0.1099	24	-1.06	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0581	14.96	0.1700	15.22	0.2573	0.1099	24	-1.04	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2181	15.02	0.0100	15.22	0.2573	0.1099	24	-0.81	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0563	15.08	0.0299	15.22	0.2573	0.1099	24	-0.57	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0354	15.09	0.0100	15.22	0.2573	0.1099	24	-0.54	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0622	15.09	0.0235	15.22	0.2573	0.1099	24	-0.52	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2246	15.10	0.0500	15.22	0.2573	0.1099	24	-0.50	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0948	15.12	0.0800	15.22	0.2573	0.1099	24	-0.40	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0651	15.16	0.0851	15.22	0.2573	0.1099	24	-0.26	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2192	15.18	0.1400	15.22	0.2573	0.1099	24	-0.17	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2337	15.23	0.1300	15.22	0.2573	0.1099	24	0.01	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0941	15.29	0.0700	15.22	0.2573	0.1099	24	0.24	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2009	15.29	0.0414	15.22	0.2573	0.1099	24	0.26	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2446	15.35	0.1370	15.22	0.2573	0.1099	24	0.49	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2190	15.37	0.0500	15.22	0.2573	0.1099	24	0.55	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0939	15.40	0.2400	15.22	0.2573	0.1099	24	0.69	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0619	15.40	0.0000	15.22	0.2573	0.1099	24	0.69	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0643	15.43	0.0100	15.22	0.2573	0.1099	24	0.78	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2146	15.45	0.2600	15.22	0.2573	0.1099	24	0.88	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2199	15.55	0.3000	15.22	0.2573	0.1099	24	1.27	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2144	15.68	0.0200	15.22	0.2573	0.1099	24	1.78	2%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0852	15.96	0.0700	15.22	0.2573	0.1099	24	2.84	2%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2392	22.37	0.3700	15.22	0.2573	0.1099	24	27.76	23%	2
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0853	9.880	0.4400	15.39	0.2983	0.1361	99	-18.46	18%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2246	13.43	0.0600	15.39	0.2983	0.1361	99	-6.56	6%	0

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002.06	Protein, Crude, Combustion Nitrogen Analyzer	0953	14.03	0.1000	15.39	0.2983	0.1361	99	-4.55	4%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2326	14.32	0.1300	15.39	0.2983	0.1361	99	-3.59	3%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2184	14.53	0.2300	15.39	0.2983	0.1361	99	-2.89	3%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0263	14.93	0.0110	15.39	0.2983	0.1361	99	-1.54	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0098	14.95	0.1000	15.39	0.2983	0.1361	99	-1.46	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0108	14.96	0.2100	15.39	0.2983	0.1361	99	-1.45	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0539	14.99	0.1400	15.39	0.2983	0.1361	99	-1.33	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2089	15.00	0.0000	15.39	0.2983	0.1361	99	-1.29	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0505	15.05	0.2100	15.39	0.2983	0.1361	99	-1.14	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0045	15.05	0.3000	15.39	0.2983	0.1361	99	-1.13	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0692	15.05	0.7000	15.39	0.2983	0.1361	99	-1.13	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0510	15.10	0.2000	15.39	0.2983	0.1361	99	-0.96	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0884	15.10	0.2000	15.39	0.2983	0.1361	99	-0.96	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0675	15.10	0.0600	15.39	0.2983	0.1361	99	-0.96	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0644	15.11	0.0730	15.39	0.2983	0.1361	99	-0.94	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0089	15.12	0.0100	15.39	0.2983	0.1361	99	-0.91	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0028	15.12	0.0220	15.39	0.2983	0.1361	99	-0.90	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2059	15.13	0.0281	15.39	0.2983	0.1361	99	-0.87	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0859	15.15	0.0520	15.39	0.2983	0.1361	99	-0.78	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0918	15.16	0.1400	15.39	0.2983	0.1361	99	-0.76	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0529	15.18	0.2300	15.39	0.2983	0.1361	99	-0.71	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0508	15.18	0.2620	15.39	0.2983	0.1361	99	-0.68	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0035	15.20	0.0200	15.39	0.2983	0.1361	99	-0.62	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0848	15.20	0.0000	15.39	0.2983	0.1361	99	-0.62	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2388	15.20	0.2000	15.39	0.2983	0.1361	99	-0.62	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0100	15.22	0.0600	15.39	0.2983	0.1361	99	-0.56	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0242	15.23	0.2500	15.39	0.2983	0.1361	99	-0.54	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0010	15.25	0.1000	15.39	0.2983	0.1361	99	-0.46	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0049	15.25	0.1000	15.39	0.2983	0.1361	99	-0.46	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2174	15.27	0.1130	15.39	0.2983	0.1361	99	-0.38	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0504	15.28	0.3600	15.39	0.2983	0.1361	99	-0.36	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0074	15.30	0.2000	15.39	0.2983	0.1361	99	-0.29	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0619	15.30	0.0000	15.39	0.2983	0.1361	99	-0.29	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2319	15.30	0.0000	15.39	0.2983	0.1361	99	-0.29	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0870	15.31	0.1000	15.39	0.2983	0.1361	99	-0.27	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0144	15.32	0.0700	15.39	0.2983	0.1361	99	-0.24	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0948	15.32	0.0300	15.39	0.2983	0.1361	99	-0.24	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0009	15.33	0.3700	15.39	0.2983	0.1361	99	-0.21	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0914	15.34	0.3400	15.39	0.2983	0.1361	99	-0.16	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0278	15.35	0.3500	15.39	0.2983	0.1361	99	-0.14	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0164	15.35	0.0700	15.39	0.2983	0.1361	99	-0.14	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0354	15.35	0.0400	15.39	0.2983	0.1361	99	-0.12	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	2168	15.35	0.1200	15.39	0.2983	0.1361	99	-0.12	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0047	15.35	0.1000	15.39	0.2983	0.1361	99	-0.12	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0571	15.35	0.2200	15.39	0.2983	0.1361	99	-0.12	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0353	15.36	0.0900	15.39	0.2983	0.1361	99	-0.10	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0964	15.37	0.0230	15.39	0.2983	0.1361	99	-0.05	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0876	15.38	0.1500	15.39	0.2983	0.1361	99	-0.04	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0294	15.38	0.1000	15.39	0.2983	0.1361	99	-0.02	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0511	15.40	0.2300	15.39	0.2983	0.1361	99	0.03	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0598	15.40	0.1000	15.39	0.2983	0.1361	99	0.05	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0956	15.40	0.2000	15.39	0.2983	0.1361	99	0.05	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2349	15.40	0.0000	15.39	0.2983	0.1361	99	0.05	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	1019	15.41	0.0600	15.39	0.2983	0.1361	99	0.08	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0226	15.44	0.0500	15.39	0.2983	0.1361	99	0.16	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0027	15.44	0.0310	15.39	0.2983	0.1361	99	0.17	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0693	15.44	0.1250	15.39	0.2983	0.1361	99	0.17	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0358	15.44	0.0200	15.39	0.2983	0.1361	99	0.18	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2150	15.45	0.4500	15.39	0.2983	0.1361	99	0.20	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0033	15.45	0.1000	15.39	0.2983	0.1361	99	0.21	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0229	15.45	0.7000	15.39	0.2983	0.1361	99	0.21	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0939	15.45	0.2200	15.39	0.2983	0.1361	99	0.21	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0541	15.46	0.1900	15.39	0.2983	0.1361	99	0.23	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0843	15.47	0.1700	15.39	0.2983	0.1361	99	0.26	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2302	15.47	0.0500	15.39	0.2983	0.1361	99	0.26	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0190	15.47	0.0200	15.39	0.2983	0.1361	99	0.28	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0574	15.49	0.0200	15.39	0.2983	0.1361	99	0.35	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2459	15.50	0.0700	15.39	0.2983	0.1361	99	0.36	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2181	15.50	0.0200	15.39	0.2983	0.1361	99	0.38	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0618	15.53	0.2900	15.39	0.2983	0.1361	99	0.46	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2129	15.54	0.1200	15.39	0.2983	0.1361	99	0.51	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0366	15.55	0.1000	15.39	0.2983	0.1361	99	0.55	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0413	15.55	0.1000	15.39	0.2983	0.1361	99	0.55	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0171	15.56	0.0600	15.39	0.2983	0.1361	99	0.58	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0004	15.58	0.1900	15.39	0.2983	0.1361	99	0.63	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0015	15.59	0.0700	15.39	0.2983	0.1361	99	0.67	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0596	15.60	0.0500	15.39	0.2983	0.1361	99	0.70	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0003	15.62	0.8800	15.39	0.2983	0.1361	99	0.78	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0407	15.62	0.2500	15.39	0.2983	0.1361	99	0.79	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0083	15.63	0.0600	15.39	0.2983	0.1361	99	0.82	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0001	15.67	0.0900	15.39	0.2983	0.1361	99	0.93	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2076	15.73	0.0220	15.39	0.2983	0.1361	99	1.17	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0186	15.76	0.1500	15.39	0.2983	0.1361	99	1.24	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2213	15.77	0.1300	15.39	0.2983	0.1361	99	1.27	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0018	15.80	0.1600	15.39	0.2983	0.1361	99	1.39	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0019	15.84	0.2200	15.39	0.2983	0.1361	99	1.50	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0034	15.87	0.2500	15.39	0.2983	0.1361	99	1.60	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0148	15.92	0.0780	15.39	0.2983	0.1361	99	1.80	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2155	15.93	0.3240	15.39	0.2983	0.1361	99	1.82	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0687	15.95	0.1000	15.39	0.2983	0.1361	99	1.89	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0520	15.97	0.0620	15.39	0.2983	0.1361	99	1.95	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0682	16.01	0.0000	15.39	0.2983	0.1361	99	2.09	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0357	16.06	0.0000	15.39	0.2983	0.1361	99	2.27	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0036	16.13	0.0780	15.39	0.2983	0.1361	99	2.49	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0910	17.15	0.1000	15.39	0.2983	0.1361	99	5.91	6%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2359	17.20	0.0000	15.39	0.2983	0.1361	99	6.08	6%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2392	21.99	0.1800	15.39	0.2983	0.1361	99	22.13	21%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0345	10.33	9.760	15.39	0.2983	0.1361	99	-16.95	16%	1
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0202	2.475	0.0300	15.39	0.2983	0.1361	99	-43.28	42%	2
002.08	Protein, Crude, Cu/Ti (%)	0563	15.10	0.0019				2			0
002.08	Protein, Crude, Cu/Ti (%)	0098	15.41	0.0300				2			0
002.11	Protein, Crude, NIR (%)	0889	14.85	0.0200				3			0
002.11	Protein, Crude, NIR (%)	0852	15.96	0.0700				3			0
002.11	Protein, Crude, NIR (%)	2388	23.96	0.1400				3			0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2190	1.905	0.0300	2.324	0.2816	0.0770	8	-1.49	9%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0345	2.150	0.1000	2.324	0.2816	0.0770	8	-0.62	4%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2337	2.180	0.0200	2.324	0.2816	0.0770	8	-0.51	3%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2192	2.210	0.0800	2.324	0.2816	0.0770	8	-0.40	2%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0032	2.450	0.1000	2.324	0.2816	0.0770	8	0.45	3%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0596	2.545	0.0500	2.324	0.2816	0.0770	8	0.79	5%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0035	2.550	0.1800	2.324	0.2816	0.0770	8	0.80	5%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2359	2.600	0.0000	2.324	0.2816	0.0770	8	0.98	6%	0
003.01	Fat, Crude, Diethyl Ether Ext (13th ed.), Indirec	0504	1.645	0.0300				3			0
003.01	Fat, Crude, Diethyl Ether Ext (13th ed.), Indirec	0563	2.309	0.1082				3			0
003.01	Fat, Crude, Diethyl Ether Ext (13th ed.), Indirec	0164	2.360	0.0200				3			0
003.06	Fat, Crude, Pet Ether (%)	0674	2.100	0.0000	2.351	0.1725	0.1553	13	-1.45	5%	0
003.06	Fat, Crude, Pet Ether (%)	0169	2.175	0.0100	2.351	0.1725	0.1553	13	-1.02	4%	0
003.06	Fat, Crude, Pet Ether (%)	0884	2.200	0.0000	2.351	0.1725	0.1553	13	-0.87	3%	0
003.06	Fat, Crude, Pet Ether (%)	0918	2.245	0.3100	2.351	0.1725	0.1553	13	-0.61	2%	0
003.06	Fat, Crude, Pet Ether (%)	0910	2.280	0.1000	2.351	0.1725	0.1553	13	-0.41	2%	0
003.06	Fat, Crude, Pet Ether (%)	2181	2.310	0.0800	2.351	0.1725	0.1553	13	-0.24	1%	0
003.06	Fat, Crude, Pet Ether (%)	0644	2.312	0.0670	2.351	0.1725	0.1553	13	-0.23	1%	0
003.06	Fat, Crude, Pet Ether (%)	0687	2.390	0.1400	2.351	0.1725	0.1553	13	0.23	1%	0
003.06	Fat, Crude, Pet Ether (%)	0682	2.460	0.0000	2.351	0.1725	0.1553	13	0.63	2%	0
003.06	Fat, Crude, Pet Ether (%)	0675	2.480	0.1200	2.351	0.1725	0.1553	13	0.75	3%	0
003.06	Fat, Crude, Pet Ether (%)	0294	2.500	0.2200	2.351	0.1725	0.1553	13	0.86	3%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
003.06	Fat, Crude, Pet Ether (%)	0689	2.500	0.0000	2.351	0.1725	0.1553	13	0.86	3%	0
003.06	Fat, Crude, Pet Ether (%)	2392	3.140	0.4000	2.351	0.1725	0.1553	13	4.58	17%	0
003.06	Fat, Crude, Pet Ether (%)	0229	2.310	1.100	2.351	0.1725	0.1553	13	-0.24	1%	1
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0353	1.675	0.3100	2.278	0.1974	0.0756	9	-3.06	13%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0354	2.080	0.0800	2.278	0.1974	0.0756	9	-1.00	4%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	2453	2.196	0.1210	2.278	0.1974	0.0756	9	-0.42	2%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0027	2.267	0.0730	2.278	0.1974	0.0756	9	-0.06	0%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0948	2.330	0.0200	2.278	0.1974	0.0756	9	0.26	1%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0004	2.345	0.0300	2.278	0.1974	0.0756	9	0.34	1%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	2349	2.345	0.0700	2.278	0.1974	0.0756	9	0.34	1%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0098	2.385	0.1100	2.278	0.1974	0.0756	9	0.54	2%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0685	3.100	0.0200	2.278	0.1974	0.0756	9	4.16	18%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0042	1.845	0.0900	2.189	0.1593	0.0743	25	-2.16	8%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0619	1.935	0.1100	2.189	0.1593	0.0743	25	-1.60	6%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2196	2.040	0.0000	2.189	0.1593	0.0743	25	-0.94	3%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0693	2.064	0.0320	2.189	0.1593	0.0743	25	-0.79	3%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2022	2.075	0.0700	2.189	0.1593	0.0743	25	-0.72	3%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2155	2.082	0.0740	2.189	0.1593	0.0743	25	-0.67	2%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0036	2.083	0.0156	2.189	0.1593	0.0743	25	-0.67	2%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0541	2.100	0.0200	2.189	0.1593	0.0743	25	-0.56	2%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0889	2.100	0.1600	2.189	0.1593	0.0743	25	-0.56	2%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0870	2.144	0.0682	2.189	0.1593	0.0743	25	-0.29	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2009	2.146	0.0505	2.189	0.1593	0.0743	25	-0.27	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0263	2.153	0.0090	2.189	0.1593	0.0743	25	-0.23	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0100	2.155	0.0100	2.189	0.1593	0.0743	25	-0.22	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0676	2.175	0.0900	2.189	0.1593	0.0743	25	-0.09	0%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0098	2.190	0.0200	2.189	0.1593	0.0743	25	0.00	0%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2434	2.210	0.0000	2.189	0.1593	0.0743	25	0.13	0%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2195	2.215	0.0700	2.189	0.1593	0.0743	25	0.16	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0148	2.290	0.1000	2.189	0.1593	0.0743	25	0.63	2%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0689	2.300	0.0000	2.189	0.1593	0.0743	25	0.70	3%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0242	2.340	0.3800	2.189	0.1593	0.0743	25	0.95	3%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0366	2.350	0.1000	2.189	0.1593	0.0743	25	1.01	4%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2319	2.350	0.1000	2.189	0.1593	0.0743	25	1.01	4%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0618	2.415	0.1900	2.189	0.1593	0.0743	25	1.42	5%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2188	2.435	0.0100	2.189	0.1593	0.0743	25	1.54	6%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2193	2.660	0.1200	2.189	0.1593	0.0743	25	2.96	11%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0045	1.820	0.7200	2.189	0.1593	0.0743	25	-2.32	8%	1
003.11	Fat, Crude, NIR (%)	0889	2.235	0.0100				3			0
003.11	Fat, Crude, NIR (%)	0852	3.170	0.0600				3			0
003.11	Fat, Crude, NIR (%)	2388	4.970	0.2400				3			0
003.12	Fat, Crude, Hexane Ext (%)	2199	1.675	0.0500				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			
003.12	Fat, Crude, Hexane Ext (%)	0171	2.180	0.0600				3			0
003.12	Fat, Crude, Hexane Ext (%)	2200	2.300	0.2000				3			0
003.12	Fat, Crude, Hexane Ext (%)	2326	2.920	1.400				3			1
003.13	Fat, Crude, Randall, Hexane Ext. (%)	2246	2.025	0.0100	2.290	0.1751	0.0426	5			0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	0028	2.232	0.0310	2.290	0.1751	0.0426	5			0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	0098	2.340	0.0800	2.290	0.1751	0.0426	5			0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	2006	2.360	0.0400	2.290	0.1751	0.0426	5			0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	0870	2.494	0.0521	2.290	0.1751	0.0426	5			0
003.14	Fat, Crude, Ankom (%)	2302	1.525	0.0100	2.156	0.2290	0.0871	51	-2.76	15%	0
003.14	Fat, Crude, Ankom (%)	0574	1.575	0.0100	2.156	0.2290	0.0871	51	-2.54	13%	0
003.14	Fat, Crude, Ankom (%)	0278	1.655	0.0100	2.156	0.2290	0.0871	51	-2.19	12%	0
003.14	Fat, Crude, Ankom (%)	0003	1.700	0.0000	2.156	0.2290	0.0871	51	-1.99	11%	0
003.14	Fat, Crude, Ankom (%)	2459	1.705	0.3700	2.156	0.2290	0.0871	51	-1.97	10%	0
003.14	Fat, Crude, Ankom (%)	0939	1.765	0.0500	2.156	0.2290	0.0871	51	-1.71	9%	0
003.14	Fat, Crude, Ankom (%)	0876	1.780	0.1800	2.156	0.2290	0.0871	51	-1.64	9%	0
003.14	Fat, Crude, Ankom (%)	0034	1.820	0.4200	2.156	0.2290	0.0871	51	-1.47	8%	0
003.14	Fat, Crude, Ankom (%)	0019	1.875	0.0500	2.156	0.2290	0.0871	51	-1.23	7%	0
003.14	Fat, Crude, Ankom (%)	0956	2.000	0.2000	2.156	0.2290	0.0871	51	-0.68	4%	0
003.14	Fat, Crude, Ankom (%)	0186	2.010	0.0800	2.156	0.2290	0.0871	51	-0.64	3%	0
003.14	Fat, Crude, Ankom (%)	0511	2.060	0.1800	2.156	0.2290	0.0871	51	-0.42	2%	0
003.14	Fat, Crude, Ankom (%)	0144	2.070	0.0200	2.156	0.2290	0.0871	51	-0.38	2%	0
003.14	Fat, Crude, Ankom (%)	0035	2.085	0.0500	2.156	0.2290	0.0871	51	-0.31	2%	0
003.14	Fat, Crude, Ankom (%)	0358	2.085	0.0300	2.156	0.2290	0.0871	51	-0.31	2%	0
003.14	Fat, Crude, Ankom (%)	0190	2.090	0.1200	2.156	0.2290	0.0871	51	-0.29	2%	0
003.14	Fat, Crude, Ankom (%)	2359	2.100	0.0000	2.156	0.2290	0.0871	51	-0.25	1%	0
003.14	Fat, Crude, Ankom (%)	2076	2.110	0.1200	2.156	0.2290	0.0871	51	-0.20	1%	0
003.14	Fat, Crude, Ankom (%)	2146	2.115	0.1900	2.156	0.2290	0.0871	51	-0.18	1%	0
003.14	Fat, Crude, Ankom (%)	0066	2.130	0.0800	2.156	0.2290	0.0871	51	-0.12	1%	0
003.14	Fat, Crude, Ankom (%)	0520	2.140	0.0200	2.156	0.2290	0.0871	51	-0.07	0%	0
003.14	Fat, Crude, Ankom (%)	0407	2.143	0.2136	2.156	0.2290	0.0871	51	-0.06	0%	0
003.14	Fat, Crude, Ankom (%)	0598	2.145	0.0100	2.156	0.2290	0.0871	51	-0.05	0%	0
003.14	Fat, Crude, Ankom (%)	2433	2.147	0.0327	2.156	0.2290	0.0871	51	-0.04	0%	0
003.14	Fat, Crude, Ankom (%)	0505	2.155	0.0500	2.156	0.2290	0.0871	51	-0.01	0%	0
003.14	Fat, Crude, Ankom (%)	2325	2.155	0.0100	2.156	0.2290	0.0871	51	-0.01	0%	0
003.14	Fat, Crude, Ankom (%)	0682	2.170	0.0000	2.156	0.2290	0.0871	51	0.06	0%	0
003.14	Fat, Crude, Ankom (%)	0015	2.195	0.0900	2.156	0.2290	0.0871	51	0.17	1%	0
003.14	Fat, Crude, Ankom (%)	0033	2.200	0.0800	2.156	0.2290	0.0871	51	0.19	1%	0
003.14	Fat, Crude, Ankom (%)	0108	2.200	0.1400	2.156	0.2290	0.0871	51	0.19	1%	0
003.14	Fat, Crude, Ankom (%)	0848	2.210	0.0000	2.156	0.2290	0.0871	51	0.23	1%	0
003.14	Fat, Crude, Ankom (%)	0596	2.215	0.0300	2.156	0.2290	0.0871	51	0.26	1%	0
003.14	Fat, Crude, Ankom (%)	0619	2.220	0.2400	2.156	0.2290	0.0871	51	0.28	1%	0
003.14	Fat, Crude, Ankom (%)	0049	2.225	0.2900	2.156	0.2290	0.0871	51	0.30	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	
003.14	Fat, Crude, Ankom (%)	0083	2.225	0.0500	2.156	0.2290	0.0871	51	0.30	2%	0
003.14	Fat, Crude, Ankom (%)	2129	2.245	0.0900	2.156	0.2290	0.0871	51	0.39	2%	0
003.14	Fat, Crude, Ankom (%)	0563	2.246	0.0263	2.156	0.2290	0.0871	51	0.39	2%	0
003.14	Fat, Crude, Ankom (%)	0202	2.260	0.1400	2.156	0.2290	0.0871	51	0.45	2%	0
003.14	Fat, Crude, Ankom (%)	0675	2.285	0.0700	2.156	0.2290	0.0871	51	0.56	3%	0
003.14	Fat, Crude, Ankom (%)	0148	2.295	0.1300	2.156	0.2290	0.0871	51	0.60	3%	0
003.14	Fat, Crude, Ankom (%)	0171	2.310	0.0600	2.156	0.2290	0.0871	51	0.67	4%	0
003.14	Fat, Crude, Ankom (%)	0004	2.310	0.0400	2.156	0.2290	0.0871	51	0.67	4%	0
003.14	Fat, Crude, Ankom (%)	0001	2.324	0.1330	2.156	0.2290	0.0871	51	0.73	4%	0
003.14	Fat, Crude, Ankom (%)	0357	2.405	0.0900	2.156	0.2290	0.0871	51	1.09	6%	0
003.14	Fat, Crude, Ankom (%)	0948	2.425	0.0100	2.156	0.2290	0.0871	51	1.17	6%	0
003.14	Fat, Crude, Ankom (%)	0089	2.435	0.0100	2.156	0.2290	0.0871	51	1.22	6%	0
003.14	Fat, Crude, Ankom (%)	0226	2.455	0.0100	2.156	0.2290	0.0871	51	1.30	7%	0
003.14	Fat, Crude, Ankom (%)	0853	2.500	0.0000	2.156	0.2290	0.0871	51	1.50	8%	0
003.14	Fat, Crude, Ankom (%)	0229	2.510	0.0000	2.156	0.2290	0.0871	51	1.54	8%	0
003.14	Fat, Crude, Ankom (%)	0510	2.750	0.1000	2.156	0.2290	0.0871	51	2.59	14%	0
003.14	Fat, Crude, Ankom (%)	0413	2.775	0.1100	2.156	0.2290	0.0871	51	2.70	14%	0
003.14	Fat, Crude, Ankom (%)	0529	1.645	0.6300	2.156	0.2290	0.0871	51	-2.23	12%	1
003.14	Fat, Crude, Ankom (%)	0692	2.065	0.5700	2.156	0.2290	0.0871	51	-0.40	2%	1
003.99	Fat, Crude, Miscellaneous (%)	1019	3.645	0.3900				1			0
004.00	Fiber, Crude, Asbestos Free (%)	0186	2.825	0.0700	3.141	0.3716	0.1328	9	-0.85	5%	0
004.00	Fiber, Crude, Asbestos Free (%)	0171	2.910	0.0200	3.141	0.3716	0.1328	9	-0.62	4%	0
004.00	Fiber, Crude, Asbestos Free (%)	2076	2.920	0.3100	3.141	0.3716	0.1328	9	-0.59	4%	0
004.00	Fiber, Crude, Asbestos Free (%)	0164	3.000	0.0000	3.141	0.3716	0.1328	9	-0.38	2%	0
004.00	Fiber, Crude, Asbestos Free (%)	0345	3.042	0.0170	3.141	0.3716	0.1328	9	-0.27	2%	0
004.00	Fiber, Crude, Asbestos Free (%)	0169	3.075	0.3700	3.141	0.3716	0.1328	9	-0.18	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	0884	3.100	0.0000	3.141	0.3716	0.1328	9	-0.11	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	2359	3.700	0.0000	3.141	0.3716	0.1328	9	1.50	9%	0
004.00	Fiber, Crude, Asbestos Free (%)	2326	3.705	0.0100	3.141	0.3716	0.1328	9	1.52	9%	0
004.03	Fiber, Crude, Fritted Glass (%)	2089	2.330	0.1000	3.041	0.6191	0.1825	4			0
004.03	Fiber, Crude, Fritted Glass (%)	2246	2.720	0.2800	3.041	0.6191	0.1825	4			0
004.03	Fiber, Crude, Fritted Glass (%)	0353	3.495	0.2900	3.041	0.6191	0.1825	4			0
004.03	Fiber, Crude, Fritted Glass (%)	2192	3.620	0.0600	3.041	0.6191	0.1825	4			0
004.06	Fiber, Crude, Fibertec (%)	2319	2.600	0.0000	2.894	0.1310	0.1420	15	-2.24	5%	0
004.06	Fiber, Crude, Fibertec (%)	2006	2.755	0.0100	2.894	0.1310	0.1420	15	-1.06	2%	0
004.06	Fiber, Crude, Fibertec (%)	0918	2.765	0.1100	2.894	0.1310	0.1420	15	-0.98	2%	0
004.06	Fiber, Crude, Fibertec (%)	0689	2.800	0.0000	2.894	0.1310	0.1420	15	-0.72	2%	0
004.06	Fiber, Crude, Fibertec (%)	2200	2.800	0.2000	2.894	0.1310	0.1420	15	-0.72	2%	0
004.06	Fiber, Crude, Fibertec (%)	0674	2.850	0.0000	2.894	0.1310	0.1420	15	-0.33	1%	0
004.06	Fiber, Crude, Fibertec (%)	0098	2.880	0.0400	2.894	0.1310	0.1420	15	-0.11	0%	0
004.06	Fiber, Crude, Fibertec (%)	2022	2.880	0.2600	2.894	0.1310	0.1420	15	-0.11	0%	0
004.06	Fiber, Crude, Fibertec (%)	2188	2.940	0.0000	2.894	0.1310	0.1420	15	0.35	1%	0

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			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
004.06	Fiber, Crude, Fibertec (%)	2349	2.950	0.3000	2.894	0.1310	0.1420	15	0.43	1%	0
004.06	Fiber, Crude, Fibertec (%)	0038	2.970	0.1600	2.894	0.1310	0.1420	15	0.58	1%	0
004.06	Fiber, Crude, Fibertec (%)	0948	2.980	0.1400	2.894	0.1310	0.1420	15	0.66	1%	0
004.06	Fiber, Crude, Fibertec (%)	2199	3.000	0.0000	2.894	0.1310	0.1420	15	0.81	2%	0
004.06	Fiber, Crude, Fibertec (%)	0027	3.049	0.1400	2.894	0.1310	0.1420	15	1.18	3%	0
004.06	Fiber, Crude, Fibertec (%)	0685	3.440	0.0600	2.894	0.1310	0.1420	15	4.17	9%	0
004.07	Fiber, Crude, ANKOM (%)	0510	1.950	0.1000	2.847	0.3252	0.1369	66	-2.76	16%	0
004.07	Fiber, Crude, ANKOM (%)	0144	2.210	0.3800	2.847	0.3252	0.1369	66	-1.96	11%	0
004.07	Fiber, Crude, ANKOM (%)	0366	2.250	0.3000	2.847	0.3252	0.1369	66	-1.84	10%	0
004.07	Fiber, Crude, ANKOM (%)	0407	2.296	0.1409	2.847	0.3252	0.1369	66	-1.69	10%	0
004.07	Fiber, Crude, ANKOM (%)	2009	2.370	0.0504	2.847	0.3252	0.1369	66	-1.47	8%	0
004.07	Fiber, Crude, ANKOM (%)	0413	2.415	0.0700	2.847	0.3252	0.1369	66	-1.33	8%	0
004.07	Fiber, Crude, ANKOM (%)	0229	2.425	0.0100	2.847	0.3252	0.1369	66	-1.30	7%	0
004.07	Fiber, Crude, ANKOM (%)	0294	2.470	0.1400	2.847	0.3252	0.1369	66	-1.16	7%	0
004.07	Fiber, Crude, ANKOM (%)	0202	2.470	0.5000	2.847	0.3252	0.1369	66	-1.16	7%	0
004.07	Fiber, Crude, ANKOM (%)	2193	2.485	0.0500	2.847	0.3252	0.1369	66	-1.11	6%	0
004.07	Fiber, Crude, ANKOM (%)	0520	2.520	0.0200	2.847	0.3252	0.1369	66	-1.01	6%	0
004.07	Fiber, Crude, ANKOM (%)	0098	2.535	0.1700	2.847	0.3252	0.1369	66	-0.96	5%	0
004.07	Fiber, Crude, ANKOM (%)	0619	2.580	0.0600	2.847	0.3252	0.1369	66	-0.82	5%	0
004.07	Fiber, Crude, ANKOM (%)	0505	2.590	0.2400	2.847	0.3252	0.1369	66	-0.79	5%	0
004.07	Fiber, Crude, ANKOM (%)	0074	2.635	0.1300	2.847	0.3252	0.1369	66	-0.65	4%	0
004.07	Fiber, Crude, ANKOM (%)	0596	2.640	0.1000	2.847	0.3252	0.1369	66	-0.64	4%	0
004.07	Fiber, Crude, ANKOM (%)	0028	2.650	0.3000	2.847	0.3252	0.1369	66	-0.61	3%	0
004.07	Fiber, Crude, ANKOM (%)	2325	2.665	0.0100	2.847	0.3252	0.1369	66	-0.56	3%	0
004.07	Fiber, Crude, ANKOM (%)	0675	2.670	0.1200	2.847	0.3252	0.1369	66	-0.54	3%	0
004.07	Fiber, Crude, ANKOM (%)	0948	2.685	0.0500	2.847	0.3252	0.1369	66	-0.50	3%	0
004.07	Fiber, Crude, ANKOM (%)	0003	2.720	0.1000	2.847	0.3252	0.1369	66	-0.39	2%	0
004.07	Fiber, Crude, ANKOM (%)	2146	2.725	0.1700	2.847	0.3252	0.1369	66	-0.38	2%	0
004.07	Fiber, Crude, ANKOM (%)	0643	2.745	0.0900	2.847	0.3252	0.1369	66	-0.31	2%	0
004.07	Fiber, Crude, ANKOM (%)	0504	2.750	0.0400	2.847	0.3252	0.1369	66	-0.30	2%	0
004.07	Fiber, Crude, ANKOM (%)	0910	2.750	0.1000	2.847	0.3252	0.1369	66	-0.30	2%	0
004.07	Fiber, Crude, ANKOM (%)	0956	2.750	0.1000	2.847	0.3252	0.1369	66	-0.30	2%	0
004.07	Fiber, Crude, ANKOM (%)	0598	2.760	0.0200	2.847	0.3252	0.1369	66	-0.27	2%	0
004.07	Fiber, Crude, ANKOM (%)	0708	2.770	0.0800	2.847	0.3252	0.1369	66	-0.24	1%	0
004.07	Fiber, Crude, ANKOM (%)	0019	2.788	0.0650	2.847	0.3252	0.1369	66	-0.18	1%	0
004.07	Fiber, Crude, ANKOM (%)	0692	2.800	0.2000	2.847	0.3252	0.1369	66	-0.15	1%	0
004.07	Fiber, Crude, ANKOM (%)	0263	2.810	0.0560	2.847	0.3252	0.1369	66	-0.11	1%	0
004.07	Fiber, Crude, ANKOM (%)	0563	2.810	0.0237	2.847	0.3252	0.1369	66	-0.11	1%	0
004.07	Fiber, Crude, ANKOM (%)	0644	2.826	0.0750	2.847	0.3252	0.1369	66	-0.07	0%	0
004.07	Fiber, Crude, ANKOM (%)	0242	2.835	0.2300	2.847	0.3252	0.1369	66	-0.04	0%	0
004.07	Fiber, Crude, ANKOM (%)	0870	2.856	0.0658	2.847	0.3252	0.1369	66	0.03	0%	0
004.07	Fiber, Crude, ANKOM (%)	2190	2.865	0.0500	2.847	0.3252	0.1369	66	0.05	0%	0

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			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
004.07	Fiber, Crude, ANKOM (%)	0848	2.895	0.0500	2.847	0.3252	0.1369	66	0.15	1%	0
004.07	Fiber, Crude, ANKOM (%)	0682	2.900	0.0000	2.847	0.3252	0.1369	66	0.16	1%	0
004.07	Fiber, Crude, ANKOM (%)	2144	2.910	0.0200	2.847	0.3252	0.1369	66	0.19	1%	0
004.07	Fiber, Crude, ANKOM (%)	2433	2.911	0.0913	2.847	0.3252	0.1369	66	0.20	1%	0
004.07	Fiber, Crude, ANKOM (%)	0089	2.915	0.0100	2.847	0.3252	0.1369	66	0.21	1%	0
004.07	Fiber, Crude, ANKOM (%)	0083	2.920	0.0600	2.847	0.3252	0.1369	66	0.22	1%	0
004.07	Fiber, Crude, ANKOM (%)	0100	2.945	0.2100	2.847	0.3252	0.1369	66	0.30	2%	0
004.07	Fiber, Crude, ANKOM (%)	2259	2.949	0.3200	2.847	0.3252	0.1369	66	0.31	2%	0
004.07	Fiber, Crude, ANKOM (%)	0226	2.960	0.1600	2.847	0.3252	0.1369	66	0.35	2%	0
004.07	Fiber, Crude, ANKOM (%)	0693	2.978	0.2050	2.847	0.3252	0.1369	66	0.40	2%	0
004.07	Fiber, Crude, ANKOM (%)	0939	2.980	0.0400	2.847	0.3252	0.1369	66	0.41	2%	0
004.07	Fiber, Crude, ANKOM (%)	0066	2.985	0.1900	2.847	0.3252	0.1369	66	0.42	2%	0
004.07	Fiber, Crude, ANKOM (%)	0651	3.041	0.3203	2.847	0.3252	0.1369	66	0.60	3%	0
004.07	Fiber, Crude, ANKOM (%)	0190	3.050	0.1000	2.847	0.3252	0.1369	66	0.62	4%	0
004.07	Fiber, Crude, ANKOM (%)	0034	3.085	0.1900	2.847	0.3252	0.1369	66	0.73	4%	0
004.07	Fiber, Crude, ANKOM (%)	0354	3.105	0.0300	2.847	0.3252	0.1369	66	0.79	5%	0
004.07	Fiber, Crude, ANKOM (%)	0876	3.115	0.0100	2.847	0.3252	0.1369	66	0.82	5%	0
004.07	Fiber, Crude, ANKOM (%)	0042	3.145	0.1300	2.847	0.3252	0.1369	66	0.92	5%	0
004.07	Fiber, Crude, ANKOM (%)	2434	3.180	0.0000	2.847	0.3252	0.1369	66	1.02	6%	0
004.07	Fiber, Crude, ANKOM (%)	2022	3.205	0.0100	2.847	0.3252	0.1369	66	1.10	6%	0
004.07	Fiber, Crude, ANKOM (%)	2196	3.210	0.0000	2.847	0.3252	0.1369	66	1.12	6%	0
004.07	Fiber, Crude, ANKOM (%)	2337	3.225	0.1300	2.847	0.3252	0.1369	66	1.16	7%	0
004.07	Fiber, Crude, ANKOM (%)	0589	3.245	0.4300	2.847	0.3252	0.1369	66	1.22	7%	0
004.07	Fiber, Crude, ANKOM (%)	0914	3.250	0.5000	2.847	0.3252	0.1369	66	1.24	7%	0
004.07	Fiber, Crude, ANKOM (%)	0278	3.345	0.7900	2.847	0.3252	0.1369	66	1.53	9%	0
004.07	Fiber, Crude, ANKOM (%)	0511	3.350	0.1000	2.847	0.3252	0.1369	66	1.55	9%	0
004.07	Fiber, Crude, ANKOM (%)	0004	3.585	0.2900	2.847	0.3252	0.1369	66	2.27	13%	0
004.07	Fiber, Crude, ANKOM (%)	2195	4.045	0.2500	2.847	0.3252	0.1369	66	3.68	21%	0
004.07	Fiber, Crude, ANKOM (%)	0581	4.050	0.5000	2.847	0.3252	0.1369	66	3.70	21%	0
004.07	Fiber, Crude, ANKOM (%)	0529	4.420	0.4800	2.847	0.3252	0.1369	66	4.84	28%	0
004.07	Fiber, Crude, ANKOM (%)	0045	3.610	1.620	2.847	0.3252	0.1369	66	2.35	13%	1
004.07	Fiber, Crude, ANKOM (%)	2392	9.915	0.4100	2.847	0.3252	0.1369	66	21.73	124%	2
004.11	Fiber, Crude, NIR (%)	0889	2.283	0.0050				2			0
004.11	Fiber, Crude, NIR (%)	0852	3.980	0.0000				2			0
004.99	Fiber, Crude, Miscellaneous (%)	2144	2.915	0.0300				2			0
004.99	Fiber, Crude, Miscellaneous (%)	2129	3.077	0.0530				2			0
005.00	Ash, 2h @ 600°C (%)	0357	4.000	0.0000	4.331	0.1739	0.0689	85	-1.90	4%	0
005.00	Ash, 2h @ 600°C (%)	2433	4.008	0.1884	4.331	0.1739	0.0689	85	-1.85	4%	0
005.00	Ash, 2h @ 600°C (%)	0169	4.010	0.1200	4.331	0.1739	0.0689	85	-1.84	4%	0
005.00	Ash, 2h @ 600°C (%)	0650	4.020	0.6000	4.331	0.1739	0.0689	85	-1.79	4%	0
005.00	Ash, 2h @ 600°C (%)	0953	4.025	0.0100	4.331	0.1739	0.0689	85	-1.76	4%	0
005.00	Ash, 2h @ 600°C (%)	0089	4.030	0.0000	4.331	0.1739	0.0689	85	-1.73	3%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
005.00	Ash, 2h @ 600°C (%)	2459	4.070	0.1000	4.331	0.1739	0.0689	85	-1.50	3%	0
005.00	Ash, 2h @ 600°C (%)	0278	4.085	0.0300	4.331	0.1739	0.0689	85	-1.41	3%	0
005.00	Ash, 2h @ 600°C (%)	0004	4.090	0.0800	4.331	0.1739	0.0689	85	-1.38	3%	0
005.00	Ash, 2h @ 600°C (%)	2359	4.100	0.0000	4.331	0.1739	0.0689	85	-1.33	3%	0
005.00	Ash, 2h @ 600°C (%)	0574	4.115	0.0100	4.331	0.1739	0.0689	85	-1.24	2%	0
005.00	Ash, 2h @ 600°C (%)	2349	4.120	0.1200	4.331	0.1739	0.0689	85	-1.21	2%	0
005.00	Ash, 2h @ 600°C (%)	0539	4.125	0.1100	4.331	0.1739	0.0689	85	-1.18	2%	0
005.00	Ash, 2h @ 600°C (%)	0622	4.134	0.0237	4.331	0.1739	0.0689	85	-1.13	2%	0
005.00	Ash, 2h @ 600°C (%)	2188	4.155	0.0100	4.331	0.1739	0.0689	85	-1.01	2%	0
005.00	Ash, 2h @ 600°C (%)	0651	4.164	0.0787	4.331	0.1739	0.0689	85	-0.96	2%	0
005.00	Ash, 2h @ 600°C (%)	0358	4.170	0.1200	4.331	0.1739	0.0689	85	-0.92	2%	0
005.00	Ash, 2h @ 600°C (%)	2434	4.190	0.0000	4.331	0.1739	0.0689	85	-0.81	2%	0
005.00	Ash, 2h @ 600°C (%)	0049	4.195	0.0500	4.331	0.1739	0.0689	85	-0.78	2%	0
005.00	Ash, 2h @ 600°C (%)	2325	4.205	0.0100	4.331	0.1739	0.0689	85	-0.72	1%	0
005.00	Ash, 2h @ 600°C (%)	2302	4.210	0.0400	4.331	0.1739	0.0689	85	-0.69	1%	0
005.00	Ash, 2h @ 600°C (%)	0598	4.215	0.0100	4.331	0.1739	0.0689	85	-0.67	1%	0
005.00	Ash, 2h @ 600°C (%)	0042	4.220	0.0600	4.331	0.1739	0.0689	85	-0.64	1%	0
005.00	Ash, 2h @ 600°C (%)	0407	4.227	0.1443	4.331	0.1739	0.0689	85	-0.60	1%	0
005.00	Ash, 2h @ 600°C (%)	0505	4.235	0.0300	4.331	0.1739	0.0689	85	-0.55	1%	0
005.00	Ash, 2h @ 600°C (%)	0144	4.240	0.0600	4.331	0.1739	0.0689	85	-0.52	1%	0
005.00	Ash, 2h @ 600°C (%)	0366	4.250	0.3000	4.331	0.1739	0.0689	85	-0.46	1%	0
005.00	Ash, 2h @ 600°C (%)	0956	4.250	0.3000	4.331	0.1739	0.0689	85	-0.46	1%	0
005.00	Ash, 2h @ 600°C (%)	2199	4.250	0.3000	4.331	0.1739	0.0689	85	-0.46	1%	0
005.00	Ash, 2h @ 600°C (%)	0027	4.251	0.0070	4.331	0.1739	0.0689	85	-0.46	1%	0
005.00	Ash, 2h @ 600°C (%)	0848	4.255	0.0100	4.331	0.1739	0.0689	85	-0.44	1%	0
005.00	Ash, 2h @ 600°C (%)	0918	4.275	0.0500	4.331	0.1739	0.0689	85	-0.32	1%	0
005.00	Ash, 2h @ 600°C (%)	0876	4.290	0.0400	4.331	0.1739	0.0689	85	-0.23	0%	0
005.00	Ash, 2h @ 600°C (%)	2181	4.290	0.1000	4.331	0.1739	0.0689	85	-0.23	0%	0
005.00	Ash, 2h @ 600°C (%)	0083	4.295	0.0100	4.331	0.1739	0.0689	85	-0.21	0%	0
005.00	Ash, 2h @ 600°C (%)	0038	4.305	0.0300	4.331	0.1739	0.0689	85	-0.15	0%	0
005.00	Ash, 2h @ 600°C (%)	2006	4.315	0.0100	4.331	0.1739	0.0689	85	-0.09	0%	0
005.00	Ash, 2h @ 600°C (%)	0033	4.325	0.0100	4.331	0.1739	0.0689	85	-0.03	0%	0
005.00	Ash, 2h @ 600°C (%)	0589	4.325	0.1500	4.331	0.1739	0.0689	85	-0.03	0%	0
005.00	Ash, 2h @ 600°C (%)	2337	4.335	0.0300	4.331	0.1739	0.0689	85	0.02	0%	0
005.00	Ash, 2h @ 600°C (%)	0541	4.340	0.0400	4.331	0.1739	0.0689	85	0.05	0%	0
005.00	Ash, 2h @ 600°C (%)	2453	4.343	0.1060	4.331	0.1739	0.0689	85	0.07	0%	0
005.00	Ash, 2h @ 600°C (%)	0853	4.350	0.1000	4.331	0.1739	0.0689	85	0.11	0%	0
005.00	Ash, 2h @ 600°C (%)	2195	4.350	0.0600	4.331	0.1739	0.0689	85	0.11	0%	0
005.00	Ash, 2h @ 600°C (%)	0171	4.385	0.0300	4.331	0.1739	0.0689	85	0.31	1%	0
005.00	Ash, 2h @ 600°C (%)	2196	4.390	0.0000	4.331	0.1739	0.0689	85	0.34	1%	0
005.00	Ash, 2h @ 600°C (%)	0016	4.400	0.2400	4.331	0.1739	0.0689	85	0.40	1%	0
005.00	Ash, 2h @ 600°C (%)	0510	4.400	0.0000	4.331	0.1739	0.0689	85	0.40	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
005.00	Ash, 2h @ 600°C (%)	0682	4.400	0.0000	4.331	0.1739	0.0689	85	0.40	1%	0
005.00	Ash, 2h @ 600°C (%)	2246	4.400	0.0000	4.331	0.1739	0.0689	85	0.40	1%	0
005.00	Ash, 2h @ 600°C (%)	0186	4.404	0.0608	4.331	0.1739	0.0689	85	0.42	1%	0
005.00	Ash, 2h @ 600°C (%)	2150	4.405	0.1100	4.331	0.1739	0.0689	85	0.43	1%	0
005.00	Ash, 2h @ 600°C (%)	0563	4.412	0.0245	4.331	0.1739	0.0689	85	0.46	1%	0
005.00	Ash, 2h @ 600°C (%)	2076	4.413	0.0142	4.331	0.1739	0.0689	85	0.47	1%	0
005.00	Ash, 2h @ 600°C (%)	0098	4.415	0.0900	4.331	0.1739	0.0689	85	0.48	1%	0
005.00	Ash, 2h @ 600°C (%)	0001	4.420	0.0280	4.331	0.1739	0.0689	85	0.51	1%	0
005.00	Ash, 2h @ 600°C (%)	0045	4.420	0.4800	4.331	0.1739	0.0689	85	0.51	1%	0
005.00	Ash, 2h @ 600°C (%)	0164	4.420	0.0400	4.331	0.1739	0.0689	85	0.51	1%	0
005.00	Ash, 2h @ 600°C (%)	0354	4.420	0.0200	4.331	0.1739	0.0689	85	0.51	1%	0
005.00	Ash, 2h @ 600°C (%)	0870	4.421	0.0933	4.331	0.1739	0.0689	85	0.52	1%	0
005.00	Ash, 2h @ 600°C (%)	2259	4.427	0.0020	4.331	0.1739	0.0689	85	0.55	1%	0
005.00	Ash, 2h @ 600°C (%)	0035	4.430	0.0200	4.331	0.1739	0.0689	85	0.57	1%	0
005.00	Ash, 2h @ 600°C (%)	0685	4.435	0.0100	4.331	0.1739	0.0689	85	0.60	1%	0
005.00	Ash, 2h @ 600°C (%)	0229	4.450	0.2000	4.331	0.1739	0.0689	85	0.69	1%	0
005.00	Ash, 2h @ 600°C (%)	0047	4.450	0.1000	4.331	0.1739	0.0689	85	0.69	1%	0
005.00	Ash, 2h @ 600°C (%)	0148	4.455	0.1300	4.331	0.1739	0.0689	85	0.71	1%	0
005.00	Ash, 2h @ 600°C (%)	0353	4.455	0.0300	4.331	0.1739	0.0689	85	0.71	1%	0
005.00	Ash, 2h @ 600°C (%)	0504	4.455	0.1500	4.331	0.1739	0.0689	85	0.71	1%	0
005.00	Ash, 2h @ 600°C (%)	0674	4.460	0.0000	4.331	0.1739	0.0689	85	0.74	1%	0
005.00	Ash, 2h @ 600°C (%)	2193	4.460	0.0200	4.331	0.1739	0.0689	85	0.74	1%	0
005.00	Ash, 2h @ 600°C (%)	0852	4.465	0.0100	4.331	0.1739	0.0689	85	0.77	2%	0
005.00	Ash, 2h @ 600°C (%)	0100	4.470	0.1000	4.331	0.1739	0.0689	85	0.80	2%	0
005.00	Ash, 2h @ 600°C (%)	0529	4.470	0.0400	4.331	0.1739	0.0689	85	0.80	2%	0
005.00	Ash, 2h @ 600°C (%)	0948	4.475	0.0900	4.331	0.1739	0.0689	85	0.83	2%	0
005.00	Ash, 2h @ 600°C (%)	0693	4.476	0.0930	4.331	0.1739	0.0689	85	0.83	2%	0
005.00	Ash, 2h @ 600°C (%)	2022	4.495	0.0100	4.331	0.1739	0.0689	85	0.94	2%	0
005.00	Ash, 2h @ 600°C (%)	0675	4.520	0.0200	4.331	0.1739	0.0689	85	1.09	2%	0
005.00	Ash, 2h @ 600°C (%)	2326	4.540	0.4200	4.331	0.1739	0.0689	85	1.20	2%	0
005.00	Ash, 2h @ 600°C (%)	0242	4.580	0.0600	4.331	0.1739	0.0689	85	1.43	3%	0
005.00	Ash, 2h @ 600°C (%)	0345	4.585	0.1100	4.331	0.1739	0.0689	85	1.46	3%	0
005.00	Ash, 2h @ 600°C (%)	0226	4.615	0.0900	4.331	0.1739	0.0689	85	1.63	3%	0
005.00	Ash, 2h @ 600°C (%)	0520	4.645	0.0100	4.331	0.1739	0.0689	85	1.81	4%	0
005.00	Ash, 2h @ 600°C (%)	2089	4.645	0.0100	4.331	0.1739	0.0689	85	1.81	4%	0
005.00	Ash, 2h @ 600°C (%)	0108	4.655	0.3300	4.331	0.1739	0.0689	85	1.86	4%	0
005.00	Ash, 2h @ 600°C (%)	2392	9.120	0.0400	4.331	0.1739	0.0689	85	27.54	55%	0
005.00	Ash, 2h @ 600°C (%)	1019	1.670	1.300	4.331	0.1739	0.0689	85	-15.30	31%	1
005.00	Ash, 2h @ 600°C (%)	0618	10.81	0.7400	4.331	0.1739	0.0689	85	37.26	75%	2
005.02	Ash, LECO (%)	0644	4.129	0.0030				1			0
005.03	Ash, Microwave furnace (%)	0511	3.850	0.5000				1			0
005.05	Ash, 3h @ 550°C (%)	0692	4.095	0.1100	4.510	0.1481	0.0618	21	-2.80	5%	0

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005.05	Ash, 3h @ 550°C (%)	0066	4.205	0.0500	4.510	0.1481	0.0618	21	-2.06	3%	0
005.05	Ash, 3h @ 550°C (%)	0263	4.270	0.0130	4.510	0.1481	0.0618	21	-1.63	3%	0
005.05	Ash, 3h @ 550°C (%)	0889	4.365	0.1500	4.510	0.1481	0.0618	21	-0.98	2%	0
005.05	Ash, 3h @ 550°C (%)	0294	4.405	0.1100	4.510	0.1481	0.0618	21	-0.71	1%	0
005.05	Ash, 3h @ 550°C (%)	0643	4.425	0.0300	4.510	0.1481	0.0618	21	-0.58	1%	0
005.05	Ash, 3h @ 550°C (%)	0852	4.465	0.0100	4.510	0.1481	0.0618	21	-0.31	1%	0
005.05	Ash, 3h @ 550°C (%)	2192	4.470	0.0800	4.510	0.1481	0.0618	21	-0.27	0%	0
005.05	Ash, 3h @ 550°C (%)	0619	4.505	0.0100	4.510	0.1481	0.0618	21	-0.04	0%	0
005.05	Ash, 3h @ 550°C (%)	2246	4.515	0.0100	4.510	0.1481	0.0618	21	0.03	0%	0
005.05	Ash, 3h @ 550°C (%)	2009	4.519	0.0030	4.510	0.1481	0.0618	21	0.06	0%	0
005.05	Ash, 3h @ 550°C (%)	0034	4.545	0.1900	4.510	0.1481	0.0618	21	0.23	0%	0
005.05	Ash, 3h @ 550°C (%)	0689	4.545	0.0100	4.510	0.1481	0.0618	21	0.23	0%	0
005.05	Ash, 3h @ 550°C (%)	0413	4.565	0.0900	4.510	0.1481	0.0618	21	0.37	1%	0
005.05	Ash, 3h @ 550°C (%)	0941	4.595	0.1100	4.510	0.1481	0.0618	21	0.57	1%	0
005.05	Ash, 3h @ 550°C (%)	2146	4.605	0.0300	4.510	0.1481	0.0618	21	0.64	1%	0
005.05	Ash, 3h @ 550°C (%)	2144	4.610	0.0200	4.510	0.1481	0.0618	21	0.67	1%	0
005.05	Ash, 3h @ 550°C (%)	0190	4.650	0.0600	4.510	0.1481	0.0618	21	0.94	2%	0
005.05	Ash, 3h @ 550°C (%)	2190	4.665	0.0500	4.510	0.1481	0.0618	21	1.04	2%	0
005.05	Ash, 3h @ 550°C (%)	0939	4.670	0.1000	4.510	0.1481	0.0618	21	1.08	2%	0
005.05	Ash, 3h @ 550°C (%)	2129	4.743	0.1140	4.510	0.1481	0.0618	21	1.57	3%	0
005.11	Ash, NIR (%)	2388	2.385	0.0100				3			0
005.11	Ash, NIR (%)	0852	6.690	0.0400				3			0
005.11	Ash, NIR (%)	0889	7.193	0.0450				3			0
005.99	Ash, Miscellaneous (%)	0019	4.000	0.0000	4.402	0.2518	0.0854	9	-1.60	5%	0
005.99	Ash, Miscellaneous (%)	0914	4.130	0.0600	4.402	0.2518	0.0854	9	-1.08	3%	0
005.99	Ash, Miscellaneous (%)	0910	4.250	0.1000	4.402	0.2518	0.0854	9	-0.60	2%	0
005.99	Ash, Miscellaneous (%)	0536	4.410	0.0200	4.402	0.2518	0.0854	9	0.03	0%	0
005.99	Ash, Miscellaneous (%)	0676	4.435	0.1300	4.402	0.2518	0.0854	9	0.13	0%	0
005.99	Ash, Miscellaneous (%)	0202	4.520	0.0800	4.402	0.2518	0.0854	9	0.47	1%	0
005.99	Ash, Miscellaneous (%)	0644	4.600	0.0970	4.402	0.2518	0.0854	9	0.78	2%	0
005.99	Ash, Miscellaneous (%)	2319	4.600	0.0000	4.402	0.2518	0.0854	9	0.79	2%	0
005.99	Ash, Miscellaneous (%)	0884	4.650	0.1000	4.402	0.2518	0.0854	9	0.98	3%	0
006.00	Total Sugars, As sucrose (%)	0910	3.915	0.7900	4.497	0.5146	0.3717	4			0
006.00	Total Sugars, As sucrose (%)	0407	4.272	0.1250	4.497	0.5146	0.3717	4			0
006.00	Total Sugars, As sucrose (%)	2319	4.700	0.0000	4.497	0.5146	0.3717	4			0
006.00	Total Sugars, As sucrose (%)	0171	5.100	0.2000	4.497	0.5146	0.3717	4			0
006.01	Total Sugars, Mod. Fehling Soln (%)	0038	5.925	0.1100				1			0
006.03	Total Sugars, Invert w/o Invsrn (%)	0941	4.270	0.1800				1			0
006.99	Total Sugars, Miscellaneous (%)	0918	2.915	0.0500	4.114	1.170	0.2450	8	-1.03	15%	0
006.99	Total Sugars, Miscellaneous (%)	0148	3.020	0.3200	4.114	1.170	0.2450	8	-0.94	13%	0
006.99	Total Sugars, Miscellaneous (%)	0226	3.285	0.0300	4.114	1.170	0.2450	8	-0.71	10%	0
006.99	Total Sugars, Miscellaneous (%)	2089	3.825	0.0100	4.114	1.170	0.2450	8	-0.25	4%	0

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006.99	Total Sugars, Miscellaneous (%)	0939	4.500	0.0000	4.114	1.170	0.2450	8	0.33	5%	0
006.99	Total Sugars, Miscellaneous (%)	0956	4.700	0.4000	4.114	1.170	0.2450	8	0.50	7%	0
006.99	Total Sugars, Miscellaneous (%)	0674	4.800	0.0000	4.114	1.170	0.2450	8	0.59	8%	0
006.99	Total Sugars, Miscellaneous (%)	0921	13.38	0.6600	4.114	1.170	0.2450	8	7.92	113%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0345	3.000	0.2000	4.031	0.3608	0.1601	11	-2.86	13%	0
008.02	Fiber, Acid Detergent, Crucible (%)	2089	3.615	0.0500	4.031	0.3608	0.1601	11	-1.15	5%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0226	3.690	0.1200	4.031	0.3608	0.1601	11	-0.95	4%	0
008.02	Fiber, Acid Detergent, Crucible (%)	2192	3.900	0.0000	4.031	0.3608	0.1601	11	-0.36	2%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0948	4.065	0.0300	4.031	0.3608	0.1601	11	0.09	0%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0098	4.070	0.0400	4.031	0.3608	0.1601	11	0.11	0%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0674	4.200	0.0000	4.031	0.3608	0.1601	11	0.47	2%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0148	4.220	0.0600	4.031	0.3608	0.1601	11	0.52	2%	0
008.02	Fiber, Acid Detergent, Crucible (%)	2246	4.300	0.2600	4.031	0.3608	0.1601	11	0.74	3%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0353	4.345	0.4700	4.031	0.3608	0.1601	11	0.87	4%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0689	4.450	0.3000	4.031	0.3608	0.1601	11	1.16	5%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0619	2.960	0.1000	4.084	0.3978	0.1451	38	-2.82	14%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2129	3.154	0.2220	4.084	0.3978	0.1451	38	-2.34	11%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0294	3.520	0.1000	4.084	0.3978	0.1451	38	-1.42	7%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0366	3.550	0.1000	4.084	0.3978	0.1451	38	-1.34	7%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0675	3.605	0.0100	4.084	0.3978	0.1451	38	-1.20	6%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0939	3.620	0.3000	4.084	0.3978	0.1451	38	-1.17	6%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0956	3.700	0.2000	4.084	0.3978	0.1451	38	-0.96	5%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0190	3.810	0.1000	4.084	0.3978	0.1451	38	-0.69	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0948	3.810	0.0600	4.084	0.3978	0.1451	38	-0.69	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0004	3.850	0.0000	4.084	0.3978	0.1451	38	-0.59	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0693	3.889	0.0190	4.084	0.3978	0.1451	38	-0.49	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0358	3.890	0.1200	4.084	0.3978	0.1451	38	-0.49	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2433	3.915	0.0772	4.084	0.3978	0.1451	38	-0.42	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2190	3.920	0.0200	4.084	0.3978	0.1451	38	-0.41	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0066	3.995	0.1500	4.084	0.3978	0.1451	38	-0.22	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0042	4.000	0.3600	4.084	0.3978	0.1451	38	-0.21	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0504	4.040	0.2200	4.084	0.3978	0.1451	38	-0.11	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0848	4.040	0.0200	4.084	0.3978	0.1451	38	-0.11	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0870	4.067	0.1784	4.084	0.3978	0.1451	38	-0.04	0%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0083	4.070	0.0600	4.084	0.3978	0.1451	38	-0.03	0%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2146	4.100	0.0800	4.084	0.3978	0.1451	38	0.04	0%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0354	4.120	0.0400	4.084	0.3978	0.1451	38	0.09	0%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0049	4.175	0.4700	4.084	0.3978	0.1451	38	0.23	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0510	4.200	0.2000	4.084	0.3978	0.1451	38	0.29	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0413	4.205	0.0100	4.084	0.3978	0.1451	38	0.31	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0148	4.225	0.3300	4.084	0.3978	0.1451	38	0.36	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2196	4.280	0.0000	4.084	0.3978	0.1451	38	0.49	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	
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0918	4.315	0.0705	4.084	0.3978	0.1451	38	0.58	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0407	4.380	0.3163	4.084	0.3978	0.1451	38	0.74	4%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0164	4.400	0.0000	4.084	0.3978	0.1451	38	0.80	4%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0045	4.415	0.3700	4.084	0.3978	0.1451	38	0.83	4%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0263	4.444	0.0040	4.084	0.3978	0.1451	38	0.91	4%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0511	4.450	0.7000	4.084	0.3978	0.1451	38	0.92	4%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0357	4.480	0.0200	4.084	0.3978	0.1451	38	1.00	5%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0001	4.720	0.0790	4.084	0.3978	0.1451	38	1.60	8%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0581	5.145	0.4500	4.084	0.3978	0.1451	38	2.67	13%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0889	5.595	0.0100	4.084	0.3978	0.1451	38	3.80	19%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2326	9.340	0.0800	4.084	0.3978	0.1451	38	13.21	64%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0278	6.110	1.120	4.084	0.3978	0.1451	38	5.09	25%	1
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0910	< 0.1		4.084	0.3978	0.1451	38			5
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat	0910	9.650	0.5000	11.43	1.378	0.3300	9	-1.29	8%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat	0345	9.950	0.7000	11.43	1.378	0.3300	9	-1.07	6%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat	2089	11.06	0.2100	11.43	1.378	0.3300	9	-0.27	2%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat	0948	11.08	0.0100	11.43	1.378	0.3300	9	-0.26	2%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat	0674	11.43	0.0000	11.43	1.378	0.3300	9	0.00	0%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat	0226	11.59	0.1100	11.43	1.378	0.3300	9	0.11	1%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat	0689	11.85	0.5000	11.43	1.378	0.3300	9	0.31	2%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat	0353	12.83	0.0700	11.43	1.378	0.3300	9	1.01	6%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat	2246	13.44	0.5400	11.43	1.378	0.3300	9	1.46	9%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat	0098	10.99	2.430	11.43	1.378	0.3300	9	-0.32	2%	1
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0619	8.610	0.3600	10.87	0.7456	0.2457	35	-3.03	10%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0413	9.820	0.2200	10.87	0.7456	0.2457	35	-1.40	5%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0354	9.875	0.1700	10.87	0.7456	0.2457	35	-1.33	5%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0263	9.908	0.0650	10.87	0.7456	0.2457	35	-1.29	4%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0358	10.02	0.2200	10.87	0.7456	0.2457	35	-1.13	4%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0675	10.06	0.0200	10.87	0.7456	0.2457	35	-1.08	4%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	2129	10.12	0.2010	10.87	0.7456	0.2457	35	-1.00	3%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0598	10.15	0.0100	10.87	0.7456	0.2457	35	-0.97	3%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0939	10.38	0.3100	10.87	0.7456	0.2457	35	-0.66	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0049	10.47	0.3200	10.87	0.7456	0.2457	35	-0.53	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0294	10.49	0.1100	10.87	0.7456	0.2457	35	-0.51	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	2433	10.52	0.3300	10.87	0.7456	0.2457	35	-0.46	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	2146	10.66	0.0400	10.87	0.7456	0.2457	35	-0.28	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0357	10.73	0.3300	10.87	0.7456	0.2457	35	-0.19	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0083	10.78	0.1400	10.87	0.7456	0.2457	35	-0.12	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0948	10.79	0.4800	10.87	0.7456	0.2457	35	-0.10	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0164	10.80	0.2000	10.87	0.7456	0.2457	35	-0.09	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0693	10.87	0.0770	10.87	0.7456	0.2457	35	0.00	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0956	11.00	0.0000	10.87	0.7456	0.2457	35	0.18	1%	0



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			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0581	11.02	0.2400	10.87	0.7456	0.2457	35	0.21	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0407	11.03	0.0382	10.87	0.7456	0.2457	35	0.21	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0045	11.10	1.000	10.87	0.7456	0.2457	35	0.31	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0366	11.10	0.4000	10.87	0.7456	0.2457	35	0.31	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	2190	11.16	0.3600	10.87	0.7456	0.2457	35	0.39	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0504	11.21	0.1100	10.87	0.7456	0.2457	35	0.45	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0066	11.24	0.3400	10.87	0.7456	0.2457	35	0.50	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0148	11.24	0.0000	10.87	0.7456	0.2457	35	0.50	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0278	11.49	0.7500	10.87	0.7456	0.2457	35	0.83	3%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	2196	11.53	0.0000	10.87	0.7456	0.2457	35	0.89	3%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0918	11.70	0.7916	10.87	0.7456	0.2457	35	1.12	4%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0510	11.70	0.4000	10.87	0.7456	0.2457	35	1.12	4%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0889	11.79	0.0400	10.87	0.7456	0.2457	35	1.24	4%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0848	11.89	0.0700	10.87	0.7456	0.2457	35	1.37	5%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0870	12.25	0.1214	10.87	0.7456	0.2457	35	1.85	6%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	2326	15.29	0.7100	10.87	0.7456	0.2457	35	5.93	20%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0190	13.90	1.640	10.87	0.7456	0.2457	35	4.07	14%	1
009.99	Fiber, Neutral Detergent, Miscellaneous (%)	0889	10.69	0.1000				1			0
010.03	Moisture, Karl-Fischer (%)	0843	9.925	0.2100				2			0
010.03	Moisture, Karl-Fischer (%)	0164	10.44	0.1100				2			0
010.11	Moisture, NIR (%)	0889	10.03	0.0200				3			0
010.11	Moisture, NIR (%)	2388	10.90	0.0700				3			0
010.11	Moisture, NIR (%)	0852	11.06	0.0000				3			0
010.99	Moisture, Miscellaneous (%)	0019	8.973	0.6150	10.16	0.3739	0.1850	12	-3.19	6%	0
010.99	Moisture, Miscellaneous (%)	0939	9.870	0.2600	10.16	0.3739	0.1850	12	-0.79	1%	0
010.99	Moisture, Miscellaneous (%)	0622	9.888	0.0145	10.16	0.3739	0.1850	12	-0.74	1%	0
010.99	Moisture, Miscellaneous (%)	0948	9.945	0.0300	10.16	0.3739	0.1850	12	-0.59	1%	0
010.99	Moisture, Miscellaneous (%)	2089	10.00	0.0000	10.16	0.3739	0.1850	12	-0.44	1%	0
010.99	Moisture, Miscellaneous (%)	0884	10.05	0.1000	10.16	0.3739	0.1850	12	-0.31	1%	0
010.99	Moisture, Miscellaneous (%)	0692	10.17	0.4900	10.16	0.3739	0.1850	12	0.00	0%	0
010.99	Moisture, Miscellaneous (%)	2129	10.37	0.0240	10.16	0.3739	0.1850	12	0.55	1%	0
010.99	Moisture, Miscellaneous (%)	2150	10.38	0.3100	10.16	0.3739	0.1850	12	0.56	1%	0
010.99	Moisture, Miscellaneous (%)	2076	10.40	0.0800	10.16	0.3739	0.1850	12	0.63	1%	0
010.99	Moisture, Miscellaneous (%)	0190	10.58	0.0200	10.16	0.3739	0.1850	12	1.11	2%	0
010.99	Moisture, Miscellaneous (%)	0852	11.06	0.0000	10.16	0.3739	0.1850	12	2.39	4%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0859	9.343	0.1470	10.79	0.3866	0.1136	62	-3.74	7%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0536	9.865	0.0900	10.79	0.3866	0.1136	62	-2.39	4%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2188	9.920	0.0000	10.79	0.3866	0.1136	62	-2.25	4%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0520	9.940	0.0200	10.79	0.3866	0.1136	62	-2.20	4%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	1019	9.940	0.1800	10.79	0.3866	0.1136	62	-2.20	4%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2168	9.986	0.0000	10.79	0.3866	0.1136	62	-2.08	4%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2386	10.19	0.1200	10.79	0.3866	0.1136	62	-1.55	3%	0

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			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
011.01	Loss on Drying, HT, 135°C 2hr (%)	0643	10.24	0.0040	10.79	0.3866	0.1136	62	-1.43	3%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0354	10.35	0.0600	10.79	0.3866	0.1136	62	-1.14	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2200	10.35	0.1000	10.79	0.3866	0.1136	62	-1.14	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2434	10.45	0.0000	10.79	0.3866	0.1136	62	-0.88	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2359	10.50	0.0000	10.79	0.3866	0.1136	62	-0.75	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0651	10.51	0.1744	10.79	0.3866	0.1136	62	-0.73	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0843	10.54	0.0800	10.79	0.3866	0.1136	62	-0.65	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2302	10.57	0.0600	10.79	0.3866	0.1136	62	-0.57	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2174	10.58	0.3000	10.79	0.3866	0.1136	62	-0.54	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0511	10.59	0.8600	10.79	0.3866	0.1136	62	-0.52	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0263	10.59	0.0310	10.79	0.3866	0.1136	62	-0.51	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0563	10.60	0.1413	10.79	0.3866	0.1136	62	-0.49	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0510	10.65	0.1000	10.79	0.3866	0.1136	62	-0.36	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2181	10.68	0.0300	10.79	0.3866	0.1136	62	-0.30	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2446	10.68	0.0670	10.79	0.3866	0.1136	62	-0.27	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2193	10.69	0.0400	10.79	0.3866	0.1136	62	-0.26	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0047	10.70	0.0000	10.79	0.3866	0.1136	62	-0.23	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0539	10.72	0.1600	10.79	0.3866	0.1136	62	-0.18	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0675	10.73	0.0200	10.79	0.3866	0.1136	62	-0.15	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0953	10.73	0.2600	10.79	0.3866	0.1136	62	-0.15	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2196	10.73	0.0000	10.79	0.3866	0.1136	62	-0.15	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0598	10.75	0.0300	10.79	0.3866	0.1136	62	-0.12	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0108	10.76	0.2600	10.79	0.3866	0.1136	62	-0.08	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0674	10.80	0.0000	10.79	0.3866	0.1136	62	0.03	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2022	10.80	0.1600	10.79	0.3866	0.1136	62	0.03	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0574	10.83	0.1500	10.79	0.3866	0.1136	62	0.09	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0596	10.84	0.0800	10.79	0.3866	0.1136	62	0.13	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0100	10.85	0.1300	10.79	0.3866	0.1136	62	0.14	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0171	10.85	0.0100	10.79	0.3866	0.1136	62	0.14	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0848	10.85	0.0900	10.79	0.3866	0.1136	62	0.14	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2433	10.85	0.0564	10.79	0.3866	0.1136	62	0.17	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2453	10.87	0.5924	10.79	0.3866	0.1136	62	0.20	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2337	10.88	0.0100	10.79	0.3866	0.1136	62	0.22	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0226	10.91	0.0600	10.79	0.3866	0.1136	62	0.31	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2459	10.92	0.0500	10.79	0.3866	0.1136	62	0.32	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2246	11.00	0.0400	10.79	0.3866	0.1136	62	0.54	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0144	11.03	0.0800	10.79	0.3866	0.1136	62	0.62	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2006	11.03	0.0400	10.79	0.3866	0.1136	62	0.62	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0229	11.04	0.0900	10.79	0.3866	0.1136	62	0.63	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0098	11.04	0.2600	10.79	0.3866	0.1136	62	0.65	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0294	11.08	0.0400	10.79	0.3866	0.1136	62	0.75	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0164	11.09	0.1200	10.79	0.3866	0.1136	62	0.78	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
011.01	Loss on Drying, HT, 135°C 2hr (%)	0358	11.09	0.0600	10.79	0.3866	0.1136	62	0.78	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0242	11.11	0.0000	10.79	0.3866	0.1136	62	0.83	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0685	11.13	0.0800	10.79	0.3866	0.1136	62	0.88	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0622	11.17	0.0874	10.79	0.3866	0.1136	62	0.99	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0066	11.23	0.0700	10.79	0.3866	0.1136	62	1.13	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0541	11.25	0.2700	10.79	0.3866	0.1136	62	1.18	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0682	11.27	0.0000	10.79	0.3866	0.1136	62	1.24	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0004	11.29	0.0300	10.79	0.3866	0.1136	62	1.28	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0589	11.32	0.2200	10.79	0.3866	0.1136	62	1.37	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0407	11.34	0.0492	10.79	0.3866	0.1136	62	1.43	3%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0870	11.34	0.3632	10.79	0.3866	0.1136	62	1.43	3%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0852	11.43	0.3100	10.79	0.3866	0.1136	62	1.64	3%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2326	11.75	0.4900	10.79	0.3866	0.1136	62	2.47	4%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2199	7.850	1.300	10.79	0.3866	0.1136	62	-7.60	14%	1
011.01	Loss on Drying, HT, 135°C 2hr (%)	2388	8.590	1.440	10.79	0.3866	0.1136	62	-5.69	10%	1
011.01	Loss on Drying, HT, 135°C 2hr (%)	0618	10.27	1.450	10.79	0.3866	0.1136	62	-1.36	2%	1
011.02	Loss on Drying, HT, 130°C for 2 hours (%)	0942	10.76	0.0100				3			0
011.02	Loss on Drying, HT, 130°C for 2 hours (%)	0529	10.88	0.0200				3			0
011.02	Loss on Drying, HT, 130°C for 2 hours (%)	0852	11.43	0.3100				3			0
011.99	Loss on Drying, HT, High Temp. Methods Misc.	0852	10.22	0.0300				2			0
011.99	Loss on Drying, HT, High Temp. Methods Misc.	2303	10.58	0.3800				2			0
012.00	Starch, Polarimetric (Ewers) (%)	2195	45.03	0.2400	46.88	1.033	0.4359	13	-1.79	2%	0
012.00	Starch, Polarimetric (Ewers) (%)	0689	45.80	0.8000	46.88	1.033	0.4359	13	-1.04	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	2009	46.06	0.0193	46.88	1.033	0.4359	13	-0.79	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	2181	46.47	0.3300	46.88	1.033	0.4359	13	-0.40	0%	0
012.00	Starch, Polarimetric (Ewers) (%)	2193	46.47	0.1600	46.88	1.033	0.4359	13	-0.39	0%	0
012.00	Starch, Polarimetric (Ewers) (%)	0354	46.56	0.4500	46.88	1.033	0.4359	13	-0.31	0%	0
012.00	Starch, Polarimetric (Ewers) (%)	2188	46.81	1.260	46.88	1.033	0.4359	13	-0.07	0%	0
012.00	Starch, Polarimetric (Ewers) (%)	0619	47.20	0.0000	46.88	1.033	0.4359	13	0.31	0%	0
012.00	Starch, Polarimetric (Ewers) (%)	0164	47.25	0.7000	46.88	1.033	0.4359	13	0.36	0%	0
012.00	Starch, Polarimetric (Ewers) (%)	0848	47.30	0.0500	46.88	1.033	0.4359	13	0.40	0%	0
012.00	Starch, Polarimetric (Ewers) (%)	2196	47.39	0.0000	46.88	1.033	0.4359	13	0.50	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	2006	48.39	0.2300	46.88	1.033	0.4359	13	1.46	2%	0
012.00	Starch, Polarimetric (Ewers) (%)	0910	48.40	0.8000	46.88	1.033	0.4359	13	1.47	2%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megaz	0918	39.52	0.5360	44.33	2.039	1.564	11	-2.36	5%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megaz	0164	41.85	1.900	44.33	2.039	1.564	11	-1.22	3%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megaz	0366	43.70	5.000	44.33	2.039	1.564	11	-0.31	1%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megaz	0407	43.89	2.322	44.33	2.039	1.564	11	-0.22	0%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megaz	0956	44.15	1.300	44.33	2.039	1.564	11	-0.09	0%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megaz	0693	44.16	6.314	44.33	2.039	1.564	11	-0.09	0%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megaz	2326	44.25	0.5000	44.33	2.039	1.564	11	-0.04	0%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megaz	0870	44.72	0.3610	44.33	2.039	1.564	11	0.19	0%	0

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012.01	Starch, Enzymatic-Colorimetric Method (Megaz	0148	45.81	0.6000	44.33	2.039	1.564	11	0.73	2%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megaz	0045	46.45	1.900	44.33	2.039	1.564	11	1.04	2%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megaz	2089	50.85	0.0700	44.33	2.039	1.564	11	3.20	7%	0
012.03	Starch, Enzymatic-Colorimetric Method, Miscell	0407	40.65	0.0013				1			0
012.04	Starch, Enzymatic-Enzyme Membrane Technol	0510	43.20	0.0000	44.75	1.360	0.6202	7	-1.14	2%	0
012.04	Starch, Enzymatic-Enzyme Membrane Technol	0674	43.35	0.0000	44.75	1.360	0.6202	7	-1.03	2%	0
012.04	Starch, Enzymatic-Enzyme Membrane Technol	2129	44.26	0.9000	44.75	1.360	0.6202	7	-0.36	1%	0
012.04	Starch, Enzymatic-Enzyme Membrane Technol	0278	45.11	0.2000	44.75	1.360	0.6202	7	0.26	0%	0
012.04	Starch, Enzymatic-Enzyme Membrane Technol	0226	45.25	0.8800	44.75	1.360	0.6202	7	0.36	1%	0
012.04	Starch, Enzymatic-Enzyme Membrane Technol	0098	45.70	0.8000	44.75	1.360	0.6202	7	0.70	1%	0
012.04	Starch, Enzymatic-Enzyme Membrane Technol	0948	46.41	0.3210	44.75	1.360	0.6202	7	1.22	2%	0
012.11	Starch, NIR (%)	0852	43.83	0.0200				2			0
012.11	Starch, NIR (%)	0889	44.73	0.0800				2			0
012.20	Starch, Dietary, Enzymatic-Colorimetric (%)	0353	43.87	0.6300				1			0
012.99	Starch, Miscellaneous (%)	0066	43.92	0.6500				2			0
012.99	Starch, Miscellaneous (%)	2319	48.10	0.4000				2			0
013.00	Fat, Pretreat, Acid hydrolysis (%)	0618	2.155	0.2500	3.020	0.4865	0.1435	15	-1.78	14%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	0689	2.500	0.0000	3.020	0.4865	0.1435	15	-1.07	9%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	0083	2.515	0.0700	3.020	0.4865	0.1435	15	-1.04	8%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	0242	2.700	0.0600	3.020	0.4865	0.1435	15	-0.66	5%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	0910	2.920	0.0400	3.020	0.4865	0.1435	15	-0.21	2%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	0650	2.940	0.0000	3.020	0.4865	0.1435	15	-0.17	1%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	0884	2.950	0.1000	3.020	0.4865	0.1435	15	-0.14	1%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	2319	2.950	0.1000	3.020	0.4865	0.1435	15	-0.14	1%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	0229	2.995	0.3900	3.020	0.4865	0.1435	15	-0.05	0%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	2076	3.000	0.0000	3.020	0.4865	0.1435	15	-0.04	0%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	0948	3.245	0.1100	3.020	0.4865	0.1435	15	0.46	4%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	0675	3.295	0.0300	3.020	0.4865	0.1435	15	0.56	5%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	0541	3.630	0.5800	3.020	0.4865	0.1435	15	1.25	10%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	2150	3.675	0.1500	3.020	0.4865	0.1435	15	1.35	11%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	0202	3.700	0.1800	3.020	0.4865	0.1435	15	1.40	11%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolys	0098	2.650	0.0800	3.412	0.5199	0.0891	14	-1.47	11%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolys	0921	2.817	0.0480	3.412	0.5199	0.0891	14	-1.14	9%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolys	0038	3.035	0.1100	3.412	0.5199	0.0891	14	-0.73	6%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolys	0914	3.060	0.1200	3.412	0.5199	0.0891	14	-0.68	5%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolys	0148	3.135	0.3500	3.412	0.5199	0.0891	14	-0.53	4%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolys	0870	3.202	0.0849	3.412	0.5199	0.0891	14	-0.40	3%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolys	0853	3.250	0.1000	3.412	0.5199	0.0891	14	-0.31	2%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolys	0407	3.558	0.2800	3.412	0.5199	0.0891	14	0.28	2%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolys	0164	3.600	0.1000	3.412	0.5199	0.0891	14	0.36	3%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolys	2259	3.664	0.0470	3.412	0.5199	0.0891	14	0.48	4%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolys	0563	3.741	0.0372	3.412	0.5199	0.0891	14	0.63	5%	0

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013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolys	0643	3.875	0.0140	3.412	0.5199	0.0891	14	0.89	7%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolys	0676	3.990	0.0800	3.412	0.5199	0.0891	14	1.11	8%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolys	0682	4.220	0.0000	3.412	0.5199	0.0891	14	1.55	12%	0
013.08	Fat, Pretreat, Roesse-Gottlieb Modified, Alkaline	0618	1.495	0.8500				1			0
013.10	Fat, Pretreat, Soxtec-Acid Hydrolysis (%)	0036	2.485	0.0563	2.808	0.2411	0.0488	4			0
013.10	Fat, Pretreat, Soxtec-Acid Hydrolysis (%)	0353	2.835	0.0100	2.808	0.2411	0.0488	4			0
013.10	Fat, Pretreat, Soxtec-Acid Hydrolysis (%)	2196	2.840	0.0000	2.808	0.2411	0.0488	4			0
013.10	Fat, Pretreat, Soxtec-Acid Hydrolysis (%)	2349	3.070	0.0800	2.808	0.2411	0.0488	4			0
013.13	Fat, Pretreat, Ankom- Acid Hydrolysis (%)	2433	2.072	0.0490	2.819	0.6316	0.1309	9	-1.18	13%	0
013.13	Fat, Pretreat, Ankom- Acid Hydrolysis (%)	2129	2.307	0.1000	2.819	0.6316	0.1309	9	-0.81	9%	0
013.13	Fat, Pretreat, Ankom- Acid Hydrolysis (%)	0581	2.395	0.0300	2.819	0.6316	0.1309	9	-0.67	8%	0
013.13	Fat, Pretreat, Ankom- Acid Hydrolysis (%)	0939	2.485	0.0500	2.819	0.6316	0.1309	9	-0.53	6%	0
013.13	Fat, Pretreat, Ankom- Acid Hydrolysis (%)	0074	2.800	0.5000	2.819	0.6316	0.1309	9	-0.03	0%	0
013.13	Fat, Pretreat, Ankom- Acid Hydrolysis (%)	0354	2.955	0.1500	2.819	0.6316	0.1309	9	0.22	2%	0
013.13	Fat, Pretreat, Ankom- Acid Hydrolysis (%)	0843	3.155	0.0100	2.819	0.6316	0.1309	9	0.53	6%	0
013.13	Fat, Pretreat, Ankom- Acid Hydrolysis (%)	0876	3.515	0.1900	2.819	0.6316	0.1309	9	1.10	12%	0
013.13	Fat, Pretreat, Ankom- Acid Hydrolysis (%)	0407	3.688	0.2773	2.819	0.6316	0.1309	9	1.38	15%	0
015.41	Aluminum, ICP, Dry ash (ppm)	0520	29.95	2.610	33.38	3.955	2.055	4			0
015.41	Aluminum, ICP, Dry ash (ppm)	0049	29.97	0.1800	33.38	3.955	2.055	4			0
015.41	Aluminum, ICP, Dry ash (ppm)	0407	36.61	1.429	33.38	3.955	2.055	4			0
015.41	Aluminum, ICP, Dry ash (ppm)	0164	37.00	4.000	33.38	3.955	2.055	4			0
015.42	Aluminum, ICP, Open vessel (ppm)	2129	12.50	0.9700				2			0
015.42	Aluminum, ICP, Open vessel (ppm)	0692	16.50	1.000				2			0
015.43	Aluminum, ICP, Microwave (ppm)	0510	16.50	1.000	38.34	14.85	2.155	6	-1.47	28%	0
015.43	Aluminum, ICP, Microwave (ppm)	0169	35.05	0.5000	38.34	14.85	2.155	6	-0.22	4%	0
015.43	Aluminum, ICP, Microwave (ppm)	0345	35.52	4.390	38.34	14.85	2.155	6	-0.19	4%	0
015.43	Aluminum, ICP, Microwave (ppm)	0407	39.48	0.6909	38.34	14.85	2.155	6	0.08	1%	0
015.43	Aluminum, ICP, Microwave (ppm)	0353	51.52	6.090	38.34	14.85	2.155	6	0.89	17%	0
015.43	Aluminum, ICP, Microwave (ppm)	0226	52.01	0.2600	38.34	14.85	2.155	6	0.92	18%	0
015.53	Aluminum, ICP-MS, Microwave (ppm)	0407	39.69	1.379				3			0
015.53	Aluminum, ICP-MS, Microwave (ppm)	0939	43.55	0.3000				3			0
015.53	Aluminum, ICP-MS, Microwave (ppm)	0638	61.45	26.50				3			0
017.41	Boron, ICP, Dry ash (ppm)	0358	6.955	0.1700	7.262	0.3774	0.0825	4			0
017.41	Boron, ICP, Dry ash (ppm)	0407	7.054	0.0174	7.262	0.3774	0.0825	4			0
017.41	Boron, ICP, Dry ash (ppm)	0049	7.240	0.0000	7.262	0.3774	0.0825	4			0
017.41	Boron, ICP, Dry ash (ppm)	0226	7.800	0.0600	7.262	0.3774	0.0825	4			0
017.41	Boron, ICP, Dry ash (ppm)	0229	8.255	1.990	7.262	0.3774	0.0825	4			1
017.42	Boron, ICP, Open vessel (ppm)	2129	6.931	0.5460	7.506	0.8993	0.6420	4			0
017.42	Boron, ICP, Open vessel (ppm)	0045	6.980	0.6200	7.506	0.8993	0.6420	4			0
017.42	Boron, ICP, Open vessel (ppm)	0693	7.276	0.7120	7.506	0.8993	0.6420	4			0
017.42	Boron, ICP, Open vessel (ppm)	0294	8.835	0.6900	7.506	0.8993	0.6420	4			0
017.43	Boron, ICP, Microwave (ppm)	0510	6.000	0.0000	6.999	1.027	0.2031	6	-0.97	7%	0

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017.43	Boron, ICP, Microwave (ppm)	0345	6.050	0.3000	6.999	1.027	0.2031	6	-0.92	7%	0
017.43	Boron, ICP, Microwave (ppm)	0226	6.695	0.1700	6.999	1.027	0.2031	6	-0.30	2%	0
017.43	Boron, ICP, Microwave (ppm)	0407	7.292	0.2953	6.999	1.027	0.2031	6	0.29	2%	0
017.43	Boron, ICP, Microwave (ppm)	0353	7.745	0.0700	6.999	1.027	0.2031	6	0.73	5%	0
017.43	Boron, ICP, Microwave (ppm)	0083	8.210	0.1800	6.999	1.027	0.2031	6	1.18	9%	0
017.53	Boron, ICP-MS, Microwave (ppm)	0638	7.262	0.2540				2			0
017.53	Boron, ICP-MS, Microwave (ppm)	0407	9.528	0.5990				2			0
019.00	Calcium, Ox-Mn04 Vol. (%)	2446	0.6405	0.0170	0.7209	0.0725	0.0316	5			0
019.00	Calcium, Ox-Mn04 Vol. (%)	2006	0.6595	0.0210	0.7209	0.0725	0.0316	5			0
019.00	Calcium, Ox-Mn04 Vol. (%)	2302	0.7200	0.0200	0.7209	0.0725	0.0316	5			0
019.00	Calcium, Ox-Mn04 Vol. (%)	2181	0.7750	0.0500	0.7209	0.0725	0.0316	5			0
019.00	Calcium, Ox-Mn04 Vol. (%)	2190	0.8097	0.0499	0.7209	0.0725	0.0316	5			0
019.08	Calcium, EDTA (%)	2188	0.6500	0.0000	0.7534	0.1099	0.0218	11	-0.94	7%	0
019.08	Calcium, EDTA (%)	2195	0.6650	0.0300	0.7534	0.1099	0.0218	11	-0.80	6%	0
019.08	Calcium, EDTA (%)	2434	0.6700	0.0000	0.7534	0.1099	0.0218	11	-0.76	6%	0
019.08	Calcium, EDTA (%)	0689	0.7000	0.0000	0.7534	0.1099	0.0218	11	-0.49	4%	0
019.08	Calcium, EDTA (%)	2196	0.7070	0.0000	0.7534	0.1099	0.0218	11	-0.42	3%	0
019.08	Calcium, EDTA (%)	2009	0.7227	0.0027	0.7534	0.1099	0.0218	11	-0.28	2%	0
019.08	Calcium, EDTA (%)	2337	0.7250	0.0100	0.7534	0.1099	0.0218	11	-0.26	2%	0
019.08	Calcium, EDTA (%)	2193	0.7650	0.0300	0.7534	0.1099	0.0218	11	0.11	1%	0
019.08	Calcium, EDTA (%)	2199	0.8600	0.0400	0.7534	0.1099	0.0218	11	0.97	7%	0
019.08	Calcium, EDTA (%)	2200	0.9050	0.0300	0.7534	0.1099	0.0218	11	1.38	10%	0
019.08	Calcium, EDTA (%)	2392	1.875	0.0100	0.7534	0.1099	0.0218	11	10.21	74%	0
019.09	Calcium, Ion-selective electrode (%)	2006	0.6855	0.0230				1			0
019.31	Calcium, AAS, Dry ash (%)	2246	0.6300	0.0000	0.7017	0.0389	0.0168	16	-1.85	5%	0
019.31	Calcium, AAS, Dry ash (%)	0018	0.6395	0.0290	0.7017	0.0389	0.0168	16	-1.60	4%	0
019.31	Calcium, AAS, Dry ash (%)	0001	0.6652	0.0029	0.7017	0.0389	0.0168	16	-0.94	3%	0
019.31	Calcium, AAS, Dry ash (%)	2022	0.6850	0.0100	0.7017	0.0389	0.0168	16	-0.43	1%	0
019.31	Calcium, AAS, Dry ash (%)	2196	0.6900	0.0000	0.7017	0.0389	0.0168	16	-0.30	1%	0
019.31	Calcium, AAS, Dry ash (%)	0038	0.6935	0.0210	0.7017	0.0389	0.0168	16	-0.21	1%	0
019.31	Calcium, AAS, Dry ash (%)	0563	0.6946	0.0054	0.7017	0.0389	0.0168	16	-0.18	1%	0
019.31	Calcium, AAS, Dry ash (%)	0536	0.6950	0.0100	0.7017	0.0389	0.0168	16	-0.17	0%	0
019.31	Calcium, AAS, Dry ash (%)	0651	0.6999	0.0226	0.7017	0.0389	0.0168	16	-0.05	0%	0
019.31	Calcium, AAS, Dry ash (%)	0948	0.7000	0.0000	0.7017	0.0389	0.0168	16	-0.04	0%	0
019.31	Calcium, AAS, Dry ash (%)	0939	0.7150	0.0300	0.7017	0.0389	0.0168	16	0.34	1%	0
019.31	Calcium, AAS, Dry ash (%)	2325	0.7150	0.0100	0.7017	0.0389	0.0168	16	0.34	1%	0
019.31	Calcium, AAS, Dry ash (%)	0622	0.7324	0.0141	0.7017	0.0389	0.0168	16	0.79	2%	0
019.31	Calcium, AAS, Dry ash (%)	0529	0.7450	0.0100	0.7017	0.0389	0.0168	16	1.11	3%	0
019.31	Calcium, AAS, Dry ash (%)	0687	0.7500	0.0200	0.7017	0.0389	0.0168	16	1.24	3%	0
019.31	Calcium, AAS, Dry ash (%)	0884	0.8150	0.0500	0.7017	0.0389	0.0168	16	2.92	8%	0
019.31	Calcium, AAS, Dry ash (%)	0108	0.7700	0.0800	0.7017	0.0389	0.0168	16	1.76	5%	1
019.32	Calcium, AAS, Open vessel (%)	0169	0.7100	0.0200				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	
019.41	Calcium, ICP, Dry ash (%)	0019	0.6550	0.0300	0.7020	0.0318	0.0182	20	-1.48	3%	0
019.41	Calcium, ICP, Dry ash (%)	2259	0.6690	0.0200	0.7020	0.0318	0.0182	20	-1.04	2%	0
019.41	Calcium, ICP, Dry ash (%)	0685	0.6700	0.0200	0.7020	0.0318	0.0182	20	-1.01	2%	0
019.41	Calcium, ICP, Dry ash (%)	0358	0.6750	0.0100	0.7020	0.0318	0.0182	20	-0.85	2%	0
019.41	Calcium, ICP, Dry ash (%)	0066	0.6765	0.0210	0.7020	0.0318	0.0182	20	-0.80	2%	0
019.41	Calcium, ICP, Dry ash (%)	0004	0.6800	0.0200	0.7020	0.0318	0.0182	20	-0.69	2%	0
019.41	Calcium, ICP, Dry ash (%)	0520	0.6830	0.0040	0.7020	0.0318	0.0182	20	-0.60	1%	0
019.41	Calcium, ICP, Dry ash (%)	0098	0.6900	0.0200	0.7020	0.0318	0.0182	20	-0.38	1%	0
019.41	Calcium, ICP, Dry ash (%)	0674	0.6900	0.0000	0.7020	0.0318	0.0182	20	-0.38	1%	0
019.41	Calcium, ICP, Dry ash (%)	0910	0.7000	0.0400	0.7020	0.0318	0.0182	20	-0.06	0%	0
019.41	Calcium, ICP, Dry ash (%)	0049	0.7050	0.0100	0.7020	0.0318	0.0182	20	0.09	0%	0
019.41	Calcium, ICP, Dry ash (%)	0171	0.7050	0.0100	0.7020	0.0318	0.0182	20	0.09	0%	0
019.41	Calcium, ICP, Dry ash (%)	0407	0.7092	0.0167	0.7020	0.0318	0.0182	20	0.22	1%	0
019.41	Calcium, ICP, Dry ash (%)	0229	0.7150	0.0300	0.7020	0.0318	0.0182	20	0.41	1%	0
019.41	Calcium, ICP, Dry ash (%)	0598	0.7167	0.0055	0.7020	0.0318	0.0182	20	0.46	1%	0
019.41	Calcium, ICP, Dry ash (%)	0226	0.7250	0.0100	0.7020	0.0318	0.0182	20	0.72	2%	0
019.41	Calcium, ICP, Dry ash (%)	0144	0.7400	0.0200	0.7020	0.0318	0.0182	20	1.19	3%	0
019.41	Calcium, ICP, Dry ash (%)	0619	0.7415	0.0170	0.7020	0.0318	0.0182	20	1.24	3%	0
019.41	Calcium, ICP, Dry ash (%)	0074	0.7450	0.0300	0.7020	0.0318	0.0182	20	1.35	3%	0
019.41	Calcium, ICP, Dry ash (%)	0413	0.7600	0.0000	0.7020	0.0318	0.0182	20	1.82	4%	0
019.41	Calcium, ICP, Dry ash (%)	0148	0.7450	0.0760	0.7020	0.0318	0.0182	20	1.35	3%	1
019.42	Calcium, ICP, Open vessel (%)	2129	0.6377	0.0152	0.7234	0.0437	0.0221	18	-1.96	6%	0
019.42	Calcium, ICP, Open vessel (%)	0870	0.6847	0.0243	0.7234	0.0437	0.0221	18	-0.89	3%	0
019.42	Calcium, ICP, Open vessel (%)	0202	0.6860	0.0100	0.7234	0.0437	0.0221	18	-0.86	3%	0
019.42	Calcium, ICP, Open vessel (%)	2319	0.6900	0.0160	0.7234	0.0437	0.0221	18	-0.76	2%	0
019.42	Calcium, ICP, Open vessel (%)	0009	0.6912	0.0383	0.7234	0.0437	0.0221	18	-0.74	2%	0
019.42	Calcium, ICP, Open vessel (%)	0045	0.6915	0.0230	0.7234	0.0437	0.0221	18	-0.73	2%	0
019.42	Calcium, ICP, Open vessel (%)	0263	0.6970	0.0140	0.7234	0.0437	0.0221	18	-0.60	2%	0
019.42	Calcium, ICP, Open vessel (%)	0693	0.7060	0.0220	0.7234	0.0437	0.0221	18	-0.40	1%	0
019.42	Calcium, ICP, Open vessel (%)	0357	0.7133	0.0163	0.7234	0.0437	0.0221	18	-0.23	1%	0
019.42	Calcium, ICP, Open vessel (%)	0294	0.7200	0.0200	0.7234	0.0437	0.0221	18	-0.08	0%	0
019.42	Calcium, ICP, Open vessel (%)	2433	0.7321	0.0267	0.7234	0.0437	0.0221	18	0.20	1%	0
019.42	Calcium, ICP, Open vessel (%)	0366	0.7400	0.0400	0.7234	0.0437	0.0221	18	0.38	1%	0
019.42	Calcium, ICP, Open vessel (%)	0278	0.7450	0.0300	0.7234	0.0437	0.0221	18	0.49	1%	0
019.42	Calcium, ICP, Open vessel (%)	0504	0.7590	0.0040	0.7234	0.0437	0.0221	18	0.81	2%	0
019.42	Calcium, ICP, Open vessel (%)	0692	0.7700	0.0200	0.7234	0.0437	0.0221	18	1.07	3%	0
019.42	Calcium, ICP, Open vessel (%)	0042	0.7715	0.0550	0.7234	0.0437	0.0221	18	1.10	3%	0
019.42	Calcium, ICP, Open vessel (%)	0186	0.7775	0.0070	0.7234	0.0437	0.0221	18	1.24	4%	0
019.42	Calcium, ICP, Open vessel (%)	0190	0.8250	0.0300	0.7234	0.0437	0.0221	18	2.32	7%	0
019.43	Calcium, ICP, Microwave (%)	0510	0.6400	0.0200	0.7026	0.0351	0.0145	22	-1.78	4%	0
019.43	Calcium, ICP, Microwave (%)	0354	0.6495	0.0190	0.7026	0.0351	0.0145	22	-1.51	4%	0
019.43	Calcium, ICP, Microwave (%)	0038	0.6530	0.0040	0.7026	0.0351	0.0145	22	-1.41	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	
019.43	Calcium, ICP, Microwave (%)	0226	0.6600	0.0000	0.7026	0.0351	0.0145	22	-1.21	3%	0
019.43	Calcium, ICP, Microwave (%)	0848	0.6750	0.0100	0.7026	0.0351	0.0145	22	-0.79	2%	0
019.43	Calcium, ICP, Microwave (%)	0345	0.6900	0.0020	0.7026	0.0351	0.0145	22	-0.36	1%	0
019.43	Calcium, ICP, Microwave (%)	0083	0.6930	0.0140	0.7026	0.0351	0.0145	22	-0.27	1%	0
019.43	Calcium, ICP, Microwave (%)	0511	0.6950	0.0300	0.7026	0.0351	0.0145	22	-0.22	1%	0
019.43	Calcium, ICP, Microwave (%)	0036	0.6995	0.0088	0.7026	0.0351	0.0145	22	-0.09	0%	0
019.43	Calcium, ICP, Microwave (%)	0010	0.7000	0.0200	0.7026	0.0351	0.0145	22	-0.07	0%	0
019.43	Calcium, ICP, Microwave (%)	0870	0.7016	0.0101	0.7026	0.0351	0.0145	22	-0.03	0%	0
019.43	Calcium, ICP, Microwave (%)	0033	0.7040	0.0080	0.7026	0.0351	0.0145	22	0.04	0%	0
019.43	Calcium, ICP, Microwave (%)	2089	0.7100	0.0000	0.7026	0.0351	0.0145	22	0.21	1%	0
019.43	Calcium, ICP, Microwave (%)	0098	0.7150	0.0100	0.7026	0.0351	0.0145	22	0.35	1%	0
019.43	Calcium, ICP, Microwave (%)	0001	0.7155	0.0470	0.7026	0.0351	0.0145	22	0.37	1%	0
019.43	Calcium, ICP, Microwave (%)	0407	0.7175	0.0106	0.7026	0.0351	0.0145	22	0.42	1%	0
019.43	Calcium, ICP, Microwave (%)	0505	0.7180	0.0160	0.7026	0.0351	0.0145	22	0.44	1%	0
019.43	Calcium, ICP, Microwave (%)	0675	0.7250	0.0100	0.7026	0.0351	0.0145	22	0.64	2%	0
019.43	Calcium, ICP, Microwave (%)	2326	0.7350	0.0500	0.7026	0.0351	0.0145	22	0.92	2%	0
019.43	Calcium, ICP, Microwave (%)	0035	0.7450	0.0100	0.7026	0.0351	0.0145	22	1.21	3%	0
019.43	Calcium, ICP, Microwave (%)	0682	0.7500	0.0000	0.7026	0.0351	0.0145	22	1.35	3%	0
019.43	Calcium, ICP, Microwave (%)	0353	0.8200	0.0200	0.7026	0.0351	0.0145	22	3.35	8%	0
019.44	Calcium, ICP, Dry ash (%)	0164	0.7020	0.0100				2			0
019.44	Calcium, ICP, Dry ash (%)	2114	0.7112	0.0105				2			0
019.52	Calcium, ICP-MS, Open vessel (%)	0154	0.7148	0.0069				3			0
019.52	Calcium, ICP-MS, Open vessel (%)	0186	0.7257	0.0149				3			0
019.52	Calcium, ICP-MS, Open vessel (%)	0047	0.7500	0.0200				3			0
019.53	Calcium, ICP-MS, Microwave (%)	0941	0.6800	0.0000	0.7015	0.0195	0.0125	4			0
019.53	Calcium, ICP-MS, Microwave (%)	0638	0.6925	0.0274	0.7015	0.0195	0.0125	4			0
019.53	Calcium, ICP-MS, Microwave (%)	0407	0.7083	0.0002	0.7015	0.0195	0.0125	4			0
019.53	Calcium, ICP-MS, Microwave (%)	0939	0.7250	0.0100	0.7015	0.0195	0.0125	4			0
019.99	Calcium, Miscellaneous (%)	0889	0.5600	0.0400	0.6710	0.0893	0.0180	5			0
019.99	Calcium, Miscellaneous (%)	0242	0.6150	0.0100	0.6710	0.0893	0.0180	5			0
019.99	Calcium, Miscellaneous (%)	0100	0.6850	0.0100	0.6710	0.0893	0.0180	5			0
019.99	Calcium, Miscellaneous (%)	0676	0.7000	0.0200	0.6710	0.0893	0.0180	5			0
019.99	Calcium, Miscellaneous (%)	2302	0.7950	0.0100	0.6710	0.0893	0.0180	5			0
021.31	Cobalt, AAS, Dry ash (ppm)	0563	0.4004	0.0272				1			0
021.41	Cobalt, ICP, Dry ash (ppm)	0619	0.3380	0.0080	0.6429	0.3113	0.0188	4			0
021.41	Cobalt, ICP, Dry ash (ppm)	0407	0.5415	0.0093	0.6429	0.3113	0.0188	4			0
021.41	Cobalt, ICP, Dry ash (ppm)	0148	0.6170	0.0280	0.6429	0.3113	0.0188	4			0
021.41	Cobalt, ICP, Dry ash (ppm)	0066	1.075	0.0300	0.6429	0.3113	0.0188	4			0
021.41	Cobalt, ICP, Dry ash (ppm)	0164	< 0.5		0.6429	0.3113	0.0188	4			5
021.42	Cobalt, ICP, Open vessel (ppm)	0693	0.2315	0.2050				2			0
021.42	Cobalt, ICP, Open vessel (ppm)	0045	0.5500	0.1000				2			0
021.42	Cobalt, ICP, Open vessel (ppm)	0366	< 0.5					2			5



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			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs			
021.43	Cobalt, ICP, Microwave (ppm)	0169	0.5450	0.0100				3			0
021.43	Cobalt, ICP, Microwave (ppm)	0510	0.6350	0.0900				3			0
021.43	Cobalt, ICP, Microwave (ppm)	0407	0.6498	0.1430				3			0
021.43	Cobalt, ICP, Microwave (ppm)	0038	< 0.1					3			5
021.43	Cobalt, ICP, Microwave (ppm)	0964	< 0.7					3			5
021.43	Cobalt, ICP, Microwave (ppm)	0682	< 1					3			5
021.52	Cobalt, ICP-MS, Open vessel (ppm)	0910	0.2250	0.0100				3			0
021.52	Cobalt, ICP-MS, Open vessel (ppm)	0047	0.2850	0.0100				3			0
021.52	Cobalt, ICP-MS, Open vessel (ppm)	0186	0.2893	0.0396				3			0
021.53	Cobalt, ICP-MS, Microwave (ppm)	0033	0.4140	0.0400				3			0
021.53	Cobalt, ICP-MS, Microwave (ppm)	0941	0.4810	0.0000				3			0
021.53	Cobalt, ICP-MS, Microwave (ppm)	0407	0.5364	0.0194				3			0
021.53	Cobalt, ICP-MS, Microwave (ppm)	0638	1.782	0.3330				3			2
022.31	Copper, AAS, Dry ash (ppm)	0939	12.12	1.810	15.40	2.418	1.604	6	-1.36	11%	0
022.31	Copper, AAS, Dry ash (ppm)	0651	13.99	1.827	15.40	2.418	1.604	6	-0.58	5%	0
022.31	Copper, AAS, Dry ash (ppm)	2196	15.46	0.0000	15.40	2.418	1.604	6	0.02	0%	0
022.31	Copper, AAS, Dry ash (ppm)	0536	16.25	1.930	15.40	2.418	1.604	6	0.35	3%	0
022.31	Copper, AAS, Dry ash (ppm)	0529	16.30	0.0000	15.40	2.418	1.604	6	0.37	3%	0
022.31	Copper, AAS, Dry ash (ppm)	0622	18.30	0.8513	15.40	2.418	1.604	6	1.20	9%	0
022.31	Copper, AAS, Dry ash (ppm)	0563	< 25		15.40	2.418	1.604	6			5
022.32	Copper, AAS, Open vessel (ppm)	0038	11.70	1.600				1			0
022.33	Copper, AAS, Microwave (ppm)	0948	14.81	0.5600				1			0
022.35	Copper, AAS, Dry ash (ppm)	2188	7.480	0.5600				2			0
022.35	Copper, AAS, Dry ash (ppm)	2325	15.53	0.0100				2			0
022.41	Copper, ICP, Dry ash (ppm)	0049	10.54	2.780	13.14	1.359	1.089	16	-1.91	10%	0
022.41	Copper, ICP, Dry ash (ppm)	0848	10.91	1.091	13.14	1.359	1.089	16	-1.64	8%	0
022.41	Copper, ICP, Dry ash (ppm)	0520	11.73	1.690	13.14	1.359	1.089	16	-1.03	5%	0
022.41	Copper, ICP, Dry ash (ppm)	0674	12.32	0.0000	13.14	1.359	1.089	16	-0.60	3%	0
022.41	Copper, ICP, Dry ash (ppm)	0358	12.59	0.0300	13.14	1.359	1.089	16	-0.41	2%	0
022.41	Copper, ICP, Dry ash (ppm)	0407	12.83	0.0747	13.14	1.359	1.089	16	-0.22	1%	0
022.41	Copper, ICP, Dry ash (ppm)	0910	13.00	0.0000	13.14	1.359	1.089	16	-0.10	1%	0
022.41	Copper, ICP, Dry ash (ppm)	0598	13.08	0.1532	13.14	1.359	1.089	16	-0.04	0%	0
022.41	Copper, ICP, Dry ash (ppm)	0148	13.23	0.6450	13.14	1.359	1.089	16	0.07	0%	0
022.41	Copper, ICP, Dry ash (ppm)	0171	13.30	1.200	13.14	1.359	1.089	16	0.12	1%	0
022.41	Copper, ICP, Dry ash (ppm)	0229	13.34	3.190	13.14	1.359	1.089	16	0.15	1%	0
022.41	Copper, ICP, Dry ash (ppm)	0226	13.94	0.2800	13.14	1.359	1.089	16	0.59	3%	0
022.41	Copper, ICP, Dry ash (ppm)	0098	14.40	0.0800	13.14	1.359	1.089	16	0.93	5%	0
022.41	Copper, ICP, Dry ash (ppm)	0619	14.65	1.500	13.14	1.359	1.089	16	1.11	6%	0
022.41	Copper, ICP, Dry ash (ppm)	0019	14.67	2.045	13.14	1.359	1.089	16	1.13	6%	0
022.41	Copper, ICP, Dry ash (ppm)	0004	14.94	1.090	13.14	1.359	1.089	16	1.32	7%	0
022.42	Copper, ICP, Open vessel (ppm)	0045	13.50	1.800	14.76	0.8739	0.8337	19	-1.45	4%	0
022.42	Copper, ICP, Open vessel (ppm)	0870	13.52	0.5000	14.76	0.8739	0.8337	19	-1.42	4%	0

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			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
022.42	Copper, ICP, Open vessel (ppm)	0357	13.60	0.4390	14.76	0.8739	0.8337	19	-1.33	4%	0
022.42	Copper, ICP, Open vessel (ppm)	0202	13.95	0.9000	14.76	0.8739	0.8337	19	-0.93	3%	0
022.42	Copper, ICP, Open vessel (ppm)	2319	14.35	0.7000	14.76	0.8739	0.8337	19	-0.47	1%	0
022.42	Copper, ICP, Open vessel (ppm)	0190	14.44	0.0900	14.76	0.8739	0.8337	19	-0.38	1%	0
022.42	Copper, ICP, Open vessel (ppm)	0009	14.50	1.000	14.76	0.8739	0.8337	19	-0.30	1%	0
022.42	Copper, ICP, Open vessel (ppm)	0366	14.50	1.000	14.76	0.8739	0.8337	19	-0.30	1%	0
022.42	Copper, ICP, Open vessel (ppm)	2433	14.70	0.3437	14.76	0.8739	0.8337	19	-0.07	0%	0
022.42	Copper, ICP, Open vessel (ppm)	0413	14.80	0.0000	14.76	0.8739	0.8337	19	0.04	0%	0
022.42	Copper, ICP, Open vessel (ppm)	0263	14.91	0.0970	14.76	0.8739	0.8337	19	0.17	0%	0
022.42	Copper, ICP, Open vessel (ppm)	2129	14.96	1.520	14.76	0.8739	0.8337	19	0.22	1%	0
022.42	Copper, ICP, Open vessel (ppm)	0278	15.00	0.0000	14.76	0.8739	0.8337	19	0.27	1%	0
022.42	Copper, ICP, Open vessel (ppm)	0685	15.28	0.4000	14.76	0.8739	0.8337	19	0.59	2%	0
022.42	Copper, ICP, Open vessel (ppm)	0186	15.30	1.730	14.76	0.8739	0.8337	19	0.61	2%	0
022.42	Copper, ICP, Open vessel (ppm)	0693	15.66	1.194	14.76	0.8739	0.8337	19	1.02	3%	0
022.42	Copper, ICP, Open vessel (ppm)	0294	15.74	1.630	14.76	0.8739	0.8337	19	1.11	3%	0
022.42	Copper, ICP, Open vessel (ppm)	0692	15.76	0.2300	14.76	0.8739	0.8337	19	1.13	3%	0
022.42	Copper, ICP, Open vessel (ppm)	0042	17.20	0.6000	14.76	0.8739	0.8337	19	2.79	8%	0
022.42	Copper, ICP, Open vessel (ppm)	0504	< 15		14.76	0.8739	0.8337	19			5
022.43	Copper, ICP, Microwave (ppm)	0510	11.00	0.0000	13.42	1.452	0.5300	23	-1.67	9%	0
022.43	Copper, ICP, Microwave (ppm)	0345	11.29	0.4200	13.42	1.452	0.5300	23	-1.47	8%	0
022.43	Copper, ICP, Microwave (ppm)	2089	11.47	0.2500	13.42	1.452	0.5300	23	-1.35	7%	0
022.43	Copper, ICP, Microwave (ppm)	0511	12.00	0.0000	13.42	1.452	0.5300	23	-0.98	5%	0
022.43	Copper, ICP, Microwave (ppm)	0848	12.08	0.4590	13.42	1.452	0.5300	23	-0.93	5%	0
022.43	Copper, ICP, Microwave (ppm)	0870	12.44	0.3800	13.42	1.452	0.5300	23	-0.68	4%	0
022.43	Copper, ICP, Microwave (ppm)	0407	12.99	0.2612	13.42	1.452	0.5300	23	-0.30	2%	0
022.43	Copper, ICP, Microwave (ppm)	0098	13.04	0.8400	13.42	1.452	0.5300	23	-0.26	1%	0
022.43	Copper, ICP, Microwave (ppm)	0033	13.05	0.7000	13.42	1.452	0.5300	23	-0.26	1%	0
022.43	Copper, ICP, Microwave (ppm)	0169	13.20	0.2000	13.42	1.452	0.5300	23	-0.15	1%	0
022.43	Copper, ICP, Microwave (ppm)	0675	13.32	0.1100	13.42	1.452	0.5300	23	-0.08	0%	0
022.43	Copper, ICP, Microwave (ppm)	2326	13.50	1.000	13.42	1.452	0.5300	23	0.05	0%	0
022.43	Copper, ICP, Microwave (ppm)	0354	13.60	0.1700	13.42	1.452	0.5300	23	0.12	1%	0
022.43	Copper, ICP, Microwave (ppm)	0027	13.68	0.8770	13.42	1.452	0.5300	23	0.18	1%	0
022.43	Copper, ICP, Microwave (ppm)	0353	13.86	1.330	13.42	1.452	0.5300	23	0.30	2%	0
022.43	Copper, ICP, Microwave (ppm)	0083	13.90	0.3900	13.42	1.452	0.5300	23	0.32	2%	0
022.43	Copper, ICP, Microwave (ppm)	2192	14.05	0.1000	13.42	1.452	0.5300	23	0.43	2%	0
022.43	Copper, ICP, Microwave (ppm)	0001	14.25	0.5000	13.42	1.452	0.5300	23	0.57	3%	0
022.43	Copper, ICP, Microwave (ppm)	0226	14.47	0.2800	13.42	1.452	0.5300	23	0.72	4%	0
022.43	Copper, ICP, Microwave (ppm)	0010	14.90	1.400	13.42	1.452	0.5300	23	1.02	5%	0
022.43	Copper, ICP, Microwave (ppm)	0505	15.35	0.4300	13.42	1.452	0.5300	23	1.32	7%	0
022.43	Copper, ICP, Microwave (ppm)	0035	15.50	1.000	13.42	1.452	0.5300	23	1.43	8%	0
022.43	Copper, ICP, Microwave (ppm)	0682	15.60	0.0000	13.42	1.452	0.5300	23	1.50	8%	0
022.43	Copper, ICP, Microwave (ppm)	0038	13.05	2.500	13.42	1.452	0.5300	23	-0.26	1%	1

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs			
022.44	Copper, ICP, Dry ash (ppm)	0066	13.44	0.1800				3			0
022.44	Copper, ICP, Dry ash (ppm)	2114	13.62	0.1920				3			0
022.44	Copper, ICP, Dry ash (ppm)	0164	14.00	0.0000				3			0
022.52	Copper, ICP-MS, Open vessel (ppm)	0186	14.95	1.330				2			0
022.52	Copper, ICP-MS, Open vessel (ppm)	0047	15.07	0.6600				2			0
022.53	Copper, ICP-MS, Microwave (ppm)	0033	10.95	0.7000	12.66	1.366	0.7698	4			0
022.53	Copper, ICP-MS, Microwave (ppm)	0939	12.22	0.3100	12.66	1.366	0.7698	4			0
022.53	Copper, ICP-MS, Microwave (ppm)	0407	13.49	1.300	12.66	1.366	0.7698	4			0
022.53	Copper, ICP-MS, Microwave (ppm)	0941	14.00	0.0000	12.66	1.366	0.7698	4			0
022.53	Copper, ICP-MS, Microwave (ppm)	0638	14.61	6.380	12.66	1.366	0.7698	4			1
022.99	Copper, Miscellaneous (ppm)	0100	11.50	1.000				2			0
022.99	Copper, Miscellaneous (ppm)	0242	13.50	1.000				2			0
024.52	Iodine, ICP-MS, Open vessel (ppm)	0910	0.7065	0.4510				1			0
025.31	Iron, AAS, Dry ash (ppm)	0939	170.2	5.900	202.5	26.10	12.72	9	-1.24	8%	0
025.31	Iron, AAS, Dry ash (ppm)	0001	180.5	11.00	202.5	26.10	12.72	9	-0.84	5%	0
025.31	Iron, AAS, Dry ash (ppm)	0529	188.5	0.4000	202.5	26.10	12.72	9	-0.54	3%	0
025.31	Iron, AAS, Dry ash (ppm)	0563	190.3	17.55	202.5	26.10	12.72	9	-0.47	3%	0
025.31	Iron, AAS, Dry ash (ppm)	2196	197.5	0.0000	202.5	26.10	12.72	9	-0.19	1%	0
025.31	Iron, AAS, Dry ash (ppm)	0536	210.7	3.180	202.5	26.10	12.72	9	0.31	2%	0
025.31	Iron, AAS, Dry ash (ppm)	0038	221.5	33.00	202.5	26.10	12.72	9	0.73	5%	0
025.31	Iron, AAS, Dry ash (ppm)	2188	222.0	1.720	202.5	26.10	12.72	9	0.74	5%	0
025.31	Iron, AAS, Dry ash (ppm)	0651	282.0	28.99	202.5	26.10	12.72	9	3.04	20%	0
025.33	Iron, AAS, Microwave (ppm)	0948	152.8	2.460				1			0
025.41	Iron, ICP, Dry ash (ppm)	0358	143.3	5.510	179.0	15.06	9.127	19	-2.37	10%	0
025.41	Iron, ICP, Dry ash (ppm)	0066	154.7	3.750	179.0	15.06	9.127	19	-1.61	7%	0
025.41	Iron, ICP, Dry ash (ppm)	0226	156.8	6.250	179.0	15.06	9.127	19	-1.47	6%	0
025.41	Iron, ICP, Dry ash (ppm)	0407	166.3	5.633	179.0	15.06	9.127	19	-0.84	4%	0
025.41	Iron, ICP, Dry ash (ppm)	0520	170.3	19.38	179.0	15.06	9.127	19	-0.58	2%	0
025.41	Iron, ICP, Dry ash (ppm)	0910	171.0	10.00	179.0	15.06	9.127	19	-0.53	2%	0
025.41	Iron, ICP, Dry ash (ppm)	0098	175.8	4.400	179.0	15.06	9.127	19	-0.21	1%	0
025.41	Iron, ICP, Dry ash (ppm)	0019	177.3	10.55	179.0	15.06	9.127	19	-0.11	0%	0
025.41	Iron, ICP, Dry ash (ppm)	0598	177.4	0.8318	179.0	15.06	9.127	19	-0.11	0%	0
025.41	Iron, ICP, Dry ash (ppm)	0171	181.5	1.000	179.0	15.06	9.127	19	0.17	1%	0
025.41	Iron, ICP, Dry ash (ppm)	0074	183.0	8.000	179.0	15.06	9.127	19	0.27	1%	0
025.41	Iron, ICP, Dry ash (ppm)	0619	184.0	16.00	179.0	15.06	9.127	19	0.33	1%	0
025.41	Iron, ICP, Dry ash (ppm)	2114	186.4	12.94	179.0	15.06	9.127	19	0.49	2%	0
025.41	Iron, ICP, Dry ash (ppm)	0049	188.6	9.590	179.0	15.06	9.127	19	0.64	3%	0
025.41	Iron, ICP, Dry ash (ppm)	0004	188.8	2.890	179.0	15.06	9.127	19	0.65	3%	0
025.41	Iron, ICP, Dry ash (ppm)	0164	193.5	23.00	179.0	15.06	9.127	19	0.97	4%	0
025.41	Iron, ICP, Dry ash (ppm)	0674	193.8	0.0000	179.0	15.06	9.127	19	0.98	4%	0
025.41	Iron, ICP, Dry ash (ppm)	0148	194.7	12.97	179.0	15.06	9.127	19	1.05	4%	0
025.41	Iron, ICP, Dry ash (ppm)	0229	198.3	15.80	179.0	15.06	9.127	19	1.28	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	
025.42	Iron, ICP, Open vessel (ppm)	0009	164.0	34.00	179.1	11.80	9.353	18	-1.28	4%	0
025.42	Iron, ICP, Open vessel (ppm)	0190	165.0	1.300	179.1	11.80	9.353	18	-1.20	4%	0
025.42	Iron, ICP, Open vessel (ppm)	2319	167.0	8.000	179.1	11.80	9.353	18	-1.02	3%	0
025.42	Iron, ICP, Open vessel (ppm)	0045	171.0	8.000	179.1	11.80	9.353	18	-0.69	2%	0
025.42	Iron, ICP, Open vessel (ppm)	0504	172.5	1.000	179.1	11.80	9.353	18	-0.56	2%	0
025.42	Iron, ICP, Open vessel (ppm)	0294	172.9	1.620	179.1	11.80	9.353	18	-0.53	2%	0
025.42	Iron, ICP, Open vessel (ppm)	2129	174.0	4.300	179.1	11.80	9.353	18	-0.44	1%	0
025.42	Iron, ICP, Open vessel (ppm)	2433	175.0	3.622	179.1	11.80	9.353	18	-0.35	1%	0
025.42	Iron, ICP, Open vessel (ppm)	0693	176.2	17.02	179.1	11.80	9.353	18	-0.24	1%	0
025.42	Iron, ICP, Open vessel (ppm)	0413	177.0	2.000	179.1	11.80	9.353	18	-0.18	1%	0
025.42	Iron, ICP, Open vessel (ppm)	0870	181.8	1.800	179.1	11.80	9.353	18	0.23	1%	0
025.42	Iron, ICP, Open vessel (ppm)	0042	182.0	2.000	179.1	11.80	9.353	18	0.25	1%	0
025.42	Iron, ICP, Open vessel (ppm)	0263	182.2	0.2540	179.1	11.80	9.353	18	0.26	1%	0
025.42	Iron, ICP, Open vessel (ppm)	0202	184.0	28.00	179.1	11.80	9.353	18	0.42	1%	0
025.42	Iron, ICP, Open vessel (ppm)	0692	190.0	16.00	179.1	11.80	9.353	18	0.92	3%	0
025.42	Iron, ICP, Open vessel (ppm)	0366	195.5	13.00	179.1	11.80	9.353	18	1.39	5%	0
025.42	Iron, ICP, Open vessel (ppm)	0357	199.8	15.14	179.1	11.80	9.353	18	1.75	6%	0
025.42	Iron, ICP, Open vessel (ppm)	0278	204.5	25.00	179.1	11.80	9.353	18	2.15	7%	0
025.43	Iron, ICP, Microwave (ppm)	0511	161.5	7.000	182.3	11.53	7.096	22	-1.80	6%	0
025.43	Iron, ICP, Microwave (ppm)	0345	165.7	10.20	182.3	11.53	7.096	22	-1.44	5%	0
025.43	Iron, ICP, Microwave (ppm)	0407	167.8	1.818	182.3	11.53	7.096	22	-1.25	4%	0
025.43	Iron, ICP, Microwave (ppm)	0083	170.0	3.500	182.3	11.53	7.096	22	-1.07	3%	0
025.43	Iron, ICP, Microwave (ppm)	2089	172.6	7.080	182.3	11.53	7.096	22	-0.84	3%	0
025.43	Iron, ICP, Microwave (ppm)	0010	175.2	19.10	182.3	11.53	7.096	22	-0.62	2%	0
025.43	Iron, ICP, Microwave (ppm)	0169	177.5	3.000	182.3	11.53	7.096	22	-0.41	1%	0
025.43	Iron, ICP, Microwave (ppm)	0033	178.5	15.00	182.3	11.53	7.096	22	-0.33	1%	0
025.43	Iron, ICP, Microwave (ppm)	0675	180.3	1.330	182.3	11.53	7.096	22	-0.17	1%	0
025.43	Iron, ICP, Microwave (ppm)	0505	181.5	8.900	182.3	11.53	7.096	22	-0.07	0%	0
025.43	Iron, ICP, Microwave (ppm)	0682	182.9	0.0000	182.3	11.53	7.096	22	0.06	0%	0
025.43	Iron, ICP, Microwave (ppm)	0353	183.2	8.960	182.3	11.53	7.096	22	0.08	0%	0
025.43	Iron, ICP, Microwave (ppm)	0098	183.4	1.000	182.3	11.53	7.096	22	0.10	0%	0
025.43	Iron, ICP, Microwave (ppm)	2192	186.0	4.000	182.3	11.53	7.096	22	0.32	1%	0
025.43	Iron, ICP, Microwave (ppm)	0510	186.5	11.00	182.3	11.53	7.096	22	0.37	1%	0
025.43	Iron, ICP, Microwave (ppm)	0870	186.9	4.820	182.3	11.53	7.096	22	0.40	1%	0
025.43	Iron, ICP, Microwave (ppm)	0001	187.5	11.00	182.3	11.53	7.096	22	0.45	1%	0
025.43	Iron, ICP, Microwave (ppm)	0035	192.0	2.000	182.3	11.53	7.096	22	0.85	3%	0
025.43	Iron, ICP, Microwave (ppm)	0226	192.7	5.900	182.3	11.53	7.096	22	0.91	3%	0
025.43	Iron, ICP, Microwave (ppm)	2326	197.5	5.000	182.3	11.53	7.096	22	1.32	4%	0
025.43	Iron, ICP, Microwave (ppm)	0354	197.5	8.540	182.3	11.53	7.096	22	1.32	4%	0
025.43	Iron, ICP, Microwave (ppm)	0038	200.5	15.00	182.3	11.53	7.096	22	1.58	5%	0
025.52	Iron, ICP-MS, Open vessel (ppm)	0154	151.3	4.840				2			0
025.52	Iron, ICP-MS, Open vessel (ppm)	0047	166.9	4.340				2			0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs			
025.53	Iron, ICP-MS, Microwave (ppm)	0407	167.4	7.011	180.4	11.31	11.40	4		0	
025.53	Iron, ICP-MS, Microwave (ppm)	0939	179.0	14.00	180.4	11.31	11.40	4		0	
025.53	Iron, ICP-MS, Microwave (ppm)	0638	180.1	13.20	180.4	11.31	11.40	4		0	
025.53	Iron, ICP-MS, Microwave (ppm)	0941	195.0	0.0000	180.4	11.31	11.40	4		0	
025.99	Iron, Miscellaneous (ppm)	0242	173.5	9.000				2		0	
025.99	Iron, Miscellaneous (ppm)	0100	178.5	9.000				2		0	
027.31	Magnesium, AAS, Dry ash (%)	0529	0.1650	0.0020	0.1760	0.0102	0.0051	7	-1.08	3%	0
027.31	Magnesium, AAS, Dry ash (%)	0001	0.1688	0.0060	0.1760	0.0102	0.0051	7	-0.71	2%	0
027.31	Magnesium, AAS, Dry ash (%)	0939	0.1700	0.0000	0.1760	0.0102	0.0051	7	-0.59	2%	0
027.31	Magnesium, AAS, Dry ash (%)	0038	0.1760	0.0000	0.1760	0.0102	0.0051	7	0.00	0%	0
027.31	Magnesium, AAS, Dry ash (%)	2196	0.1800	0.0000	0.1760	0.0102	0.0051	7	0.39	1%	0
027.31	Magnesium, AAS, Dry ash (%)	2022	0.1810	0.0000	0.1760	0.0102	0.0051	7	0.49	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0563	0.1914	0.0072	0.1760	0.0102	0.0051	7	1.51	4%	0
027.31	Magnesium, AAS, Dry ash (%)	0536	0.2000	0.0200	0.1760	0.0102	0.0051	7	2.36	7%	1
027.32	Magnesium, AAS, Open vessel (%)	0169	0.1750	0.0100				1			0
027.33	Magnesium, AAS, Microwave (%)	0948	0.1925	0.0070				1			0
027.41	Magnesium, ICP, Dry ash (%)	0358	0.1600	0.0000	0.1770	0.0111	0.0052	17	-1.52	5%	0
027.41	Magnesium, ICP, Dry ash (%)	0019	0.1650	0.0100	0.1770	0.0111	0.0052	17	-1.07	3%	0
027.41	Magnesium, ICP, Dry ash (%)	0066	0.1685	0.0030	0.1770	0.0111	0.0052	17	-0.76	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0004	0.1700	0.0000	0.1770	0.0111	0.0052	17	-0.62	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0098	0.1700	0.0000	0.1770	0.0111	0.0052	17	-0.62	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0229	0.1700	0.0000	0.1770	0.0111	0.0052	17	-0.62	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0910	0.1700	0.0000	0.1770	0.0111	0.0052	17	-0.62	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0407	0.1701	0.0056	0.1770	0.0111	0.0052	17	-0.61	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0520	0.1790	0.0040	0.1770	0.0111	0.0052	17	0.18	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0074	0.1800	0.0000	0.1770	0.0111	0.0052	17	0.27	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0171	0.1800	0.0000	0.1770	0.0111	0.0052	17	0.27	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0674	0.1800	0.0000	0.1770	0.0111	0.0052	17	0.27	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0049	0.1850	0.0100	0.1770	0.0111	0.0052	17	0.72	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0598	0.1867	0.0001	0.1770	0.0111	0.0052	17	0.87	3%	0
027.41	Magnesium, ICP, Dry ash (%)	0226	0.1900	0.0000	0.1770	0.0111	0.0052	17	1.17	4%	0
027.41	Magnesium, ICP, Dry ash (%)	0413	0.1900	0.0000	0.1770	0.0111	0.0052	17	1.17	4%	0
027.41	Magnesium, ICP, Dry ash (%)	0619	0.1950	0.0040	0.1770	0.0111	0.0052	17	1.62	5%	0
027.41	Magnesium, ICP, Dry ash (%)	0148	0.1930	0.0160	0.1770	0.0111	0.0052	17	1.44	5%	1
027.42	Magnesium, ICP, Open vessel (%)	2129	0.1635	0.0010	0.1823	0.0117	0.0068	18	-1.61	5%	0
027.42	Magnesium, ICP, Open vessel (%)	0685	0.1650	0.0100	0.1823	0.0117	0.0068	18	-1.48	5%	0
027.42	Magnesium, ICP, Open vessel (%)	0504	0.1720	0.0020	0.1823	0.0117	0.0068	18	-0.88	3%	0
027.42	Magnesium, ICP, Open vessel (%)	0045	0.1745	0.0170	0.1823	0.0117	0.0068	18	-0.67	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0366	0.1750	0.0100	0.1823	0.0117	0.0068	18	-0.62	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0190	0.1800	0.0200	0.1823	0.0117	0.0068	18	-0.20	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0870	0.1811	0.0034	0.1823	0.0117	0.0068	18	-0.10	0%	0
027.42	Magnesium, ICP, Open vessel (%)	0009	0.1815	0.0224	0.1823	0.0117	0.0068	18	-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	
027.42	Magnesium, ICP, Open vessel (%)	2319	0.1815	0.0030	0.1823	0.0117	0.0068	18	-0.07	0%	0
027.42	Magnesium, ICP, Open vessel (%)	0202	0.1825	0.0010	0.1823	0.0117	0.0068	18	0.02	0%	0
027.42	Magnesium, ICP, Open vessel (%)	0263	0.1825	0.0010	0.1823	0.0117	0.0068	18	0.02	0%	0
027.42	Magnesium, ICP, Open vessel (%)	2433	0.1833	0.0012	0.1823	0.0117	0.0068	18	0.09	0%	0
027.42	Magnesium, ICP, Open vessel (%)	0357	0.1849	0.0034	0.1823	0.0117	0.0068	18	0.22	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0692	0.1850	0.0100	0.1823	0.0117	0.0068	18	0.23	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0186	0.1883	0.0012	0.1823	0.0117	0.0068	18	0.51	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0294	0.2000	0.0000	0.1823	0.0117	0.0068	18	1.51	5%	0
027.42	Magnesium, ICP, Open vessel (%)	0042	0.2015	0.0070	0.1823	0.0117	0.0068	18	1.64	5%	0
027.42	Magnesium, ICP, Open vessel (%)	0278	0.2150	0.0100	0.1823	0.0117	0.0068	18	2.79	9%	0
027.42	Magnesium, ICP, Open vessel (%)	0693	0.2090	0.0560	0.1823	0.0117	0.0068	18	2.28	7%	1
027.43	Magnesium, ICP, Microwave (%)	0510	0.1450	0.0100	0.1790	0.0116	0.0053	19	-2.92	9%	0
027.43	Magnesium, ICP, Microwave (%)	0038	0.1635	0.0010	0.1790	0.0116	0.0053	19	-1.33	4%	0
027.43	Magnesium, ICP, Microwave (%)	0083	0.1675	0.0030	0.1790	0.0116	0.0053	19	-0.99	3%	0
027.43	Magnesium, ICP, Microwave (%)	0345	0.1685	0.0010	0.1790	0.0116	0.0053	19	-0.90	3%	0
027.43	Magnesium, ICP, Microwave (%)	0511	0.1700	0.0000	0.1790	0.0116	0.0053	19	-0.77	3%	0
027.43	Magnesium, ICP, Microwave (%)	0407	0.1734	0.0028	0.1790	0.0116	0.0053	19	-0.48	2%	0
027.43	Magnesium, ICP, Microwave (%)	0001	0.1745	0.0010	0.1790	0.0116	0.0053	19	-0.39	1%	0
027.43	Magnesium, ICP, Microwave (%)	0675	0.1750	0.0100	0.1790	0.0116	0.0053	19	-0.34	1%	0
027.43	Magnesium, ICP, Microwave (%)	0010	0.1790	0.0020	0.1790	0.0116	0.0053	19	0.00	0%	0
027.43	Magnesium, ICP, Microwave (%)	0033	0.1790	0.0040	0.1790	0.0116	0.0053	19	0.00	0%	0
027.43	Magnesium, ICP, Microwave (%)	0226	0.1800	0.0000	0.1790	0.0116	0.0053	19	0.09	0%	0
027.43	Magnesium, ICP, Microwave (%)	2089	0.1800	0.0000	0.1790	0.0116	0.0053	19	0.09	0%	0
027.43	Magnesium, ICP, Microwave (%)	0098	0.1850	0.0100	0.1790	0.0116	0.0053	19	0.52	2%	0
027.43	Magnesium, ICP, Microwave (%)	2326	0.1850	0.0100	0.1790	0.0116	0.0053	19	0.52	2%	0
027.43	Magnesium, ICP, Microwave (%)	0870	0.1858	0.0020	0.1790	0.0116	0.0053	19	0.59	2%	0
027.43	Magnesium, ICP, Microwave (%)	0035	0.1900	0.0000	0.1790	0.0116	0.0053	19	0.95	3%	0
027.43	Magnesium, ICP, Microwave (%)	0354	0.1915	0.0070	0.1790	0.0116	0.0053	19	1.08	3%	0
027.43	Magnesium, ICP, Microwave (%)	0353	0.1950	0.0100	0.1790	0.0116	0.0053	19	1.38	4%	0
027.43	Magnesium, ICP, Microwave (%)	0682	0.2000	0.0000	0.1790	0.0116	0.0053	19	1.81	6%	0
027.44	Magnesium, ICP, Dry ash (%)	2114	0.1779	0.0007				2			0
027.44	Magnesium, ICP, Dry ash (%)	0164	0.1795	0.0050				2			0
027.52	Magnesium, ICP-MS, Open vessel (%)	0186	0.1885	0.0007				3			0
027.52	Magnesium, ICP-MS, Open vessel (%)	0154	0.2035	0.0017				3			0
027.52	Magnesium, ICP-MS, Open vessel (%)	0047	0.2050	0.0100				3			0
027.53	Magnesium, ICP-MS, Microwave (%)	0939	0.1650	0.0100				3			0
027.53	Magnesium, ICP-MS, Microwave (%)	0941	0.1780	0.0000				3			0
027.53	Magnesium, ICP-MS, Microwave (%)	0407	0.1789	0.0020				3			0
027.53	Magnesium, ICP-MS, Microwave (%)	0638	1.883	0.0730				3			2
027.99	Magnesium, Miscellaneous (%)	0100	0.1800	0.0000				3			0
027.99	Magnesium, Miscellaneous (%)	0242	0.1850	0.0100				3			0
027.99	Magnesium, Miscellaneous (%)	0889	0.1850	0.0100				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			
028.00	Manganese, Color (ppm)	2392	397.0	2.000				1			0
028.31	Manganese, AAS, Dry ash (ppm)	2188	51.47	0.4600	58.08	3.436	1.072	9	-1.92	6%	0
028.31	Manganese, AAS, Dry ash (ppm)	0536	54.49	0.4000	58.08	3.436	1.072	9	-1.05	3%	0
028.31	Manganese, AAS, Dry ash (ppm)	0001	56.48	2.840	58.08	3.436	1.072	9	-0.47	1%	0
028.31	Manganese, AAS, Dry ash (ppm)	0884	57.50	1.400	58.08	3.436	1.072	9	-0.17	1%	0
028.31	Manganese, AAS, Dry ash (ppm)	0939	58.01	0.0900	58.08	3.436	1.072	9	-0.02	0%	0
028.31	Manganese, AAS, Dry ash (ppm)	0563	60.14	1.985	58.08	3.436	1.072	9	0.60	2%	0
028.31	Manganese, AAS, Dry ash (ppm)	2196	60.83	0.0000	58.08	3.436	1.072	9	0.80	2%	0
028.31	Manganese, AAS, Dry ash (ppm)	0529	61.05	0.1000	58.08	3.436	1.072	9	0.86	3%	0
028.31	Manganese, AAS, Dry ash (ppm)	0651	61.32	1.433	58.08	3.436	1.072	9	0.94	3%	0
028.32	Manganese, AAS, Open vessel (ppm)	0038	65.50	2.000				1			0
028.33	Manganese, AAS, Microwave (ppm)	0948	56.12	0.0200				1			0
028.41	Manganese, ICP, Dry ash (ppm)	0358	45.37	0.8400	56.96	4.244	2.373	16	-2.73	10%	0
028.41	Manganese, ICP, Dry ash (ppm)	0226	51.92	1.390	56.96	4.244	2.373	16	-1.19	4%	0
028.41	Manganese, ICP, Dry ash (ppm)	0407	53.09	1.590	56.96	4.244	2.373	16	-0.91	3%	0
028.41	Manganese, ICP, Dry ash (ppm)	0019	54.37	3.440	56.96	4.244	2.373	16	-0.61	2%	0
028.41	Manganese, ICP, Dry ash (ppm)	0598	55.37	0.0771	56.96	4.244	2.373	16	-0.37	1%	0
028.41	Manganese, ICP, Dry ash (ppm)	0910	55.50	3.000	56.96	4.244	2.373	16	-0.34	1%	0
028.41	Manganese, ICP, Dry ash (ppm)	0171	56.25	0.5000	56.96	4.244	2.373	16	-0.17	1%	0
028.41	Manganese, ICP, Dry ash (ppm)	0098	56.49	0.4300	56.96	4.244	2.373	16	-0.11	0%	0
028.41	Manganese, ICP, Dry ash (ppm)	0074	56.50	1.000	56.96	4.244	2.373	16	-0.11	0%	0
028.41	Manganese, ICP, Dry ash (ppm)	0049	56.68	6.920	56.96	4.244	2.373	16	-0.07	0%	0
028.41	Manganese, ICP, Dry ash (ppm)	0674	57.52	0.0000	56.96	4.244	2.373	16	0.13	0%	0
028.41	Manganese, ICP, Dry ash (ppm)	0520	58.17	1.859	56.96	4.244	2.373	16	0.29	1%	0
028.41	Manganese, ICP, Dry ash (ppm)	0004	60.76	2.530	56.96	4.244	2.373	16	0.90	3%	0
028.41	Manganese, ICP, Dry ash (ppm)	0229	61.74	6.860	56.96	4.244	2.373	16	1.13	4%	0
028.41	Manganese, ICP, Dry ash (ppm)	0148	63.06	7.930	56.96	4.244	2.373	16	1.44	5%	0
028.41	Manganese, ICP, Dry ash (ppm)	0619	66.40	1.800	56.96	4.244	2.373	16	2.23	8%	0
028.42	Manganese, ICP, Open vessel (ppm)	0870	52.43	3.120	58.76	3.990	2.524	19	-1.59	5%	0
028.42	Manganese, ICP, Open vessel (ppm)	0685	52.95	0.2000	58.76	3.990	2.524	19	-1.46	5%	0
028.42	Manganese, ICP, Open vessel (ppm)	0009	53.00	14.00	58.76	3.990	2.524	19	-1.44	5%	0
028.42	Manganese, ICP, Open vessel (ppm)	2129	54.85	1.490	58.76	3.990	2.524	19	-0.98	3%	0
028.42	Manganese, ICP, Open vessel (ppm)	0045	57.35	3.500	58.76	3.990	2.524	19	-0.35	1%	0
028.42	Manganese, ICP, Open vessel (ppm)	2319	57.85	0.7000	58.76	3.990	2.524	19	-0.23	1%	0
028.42	Manganese, ICP, Open vessel (ppm)	0263	58.36	0.0270	58.76	3.990	2.524	19	-0.10	0%	0
028.42	Manganese, ICP, Open vessel (ppm)	0692	58.50	1.000	58.76	3.990	2.524	19	-0.06	0%	0
028.42	Manganese, ICP, Open vessel (ppm)	2433	58.64	0.2153	58.76	3.990	2.524	19	-0.03	0%	0
028.42	Manganese, ICP, Open vessel (ppm)	0042	58.65	2.700	58.76	3.990	2.524	19	-0.03	0%	0
028.42	Manganese, ICP, Open vessel (ppm)	0413	58.71	0.7200	58.76	3.990	2.524	19	-0.01	0%	0
028.42	Manganese, ICP, Open vessel (ppm)	0294	58.73	4.980	58.76	3.990	2.524	19	-0.01	0%	0
028.42	Manganese, ICP, Open vessel (ppm)	0186	59.45	0.3600	58.76	3.990	2.524	19	0.17	1%	0
028.42	Manganese, ICP, Open vessel (ppm)	0357	61.94	0.0720	58.76	3.990	2.524	19	0.80	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	
028.42	Manganese, ICP, Open vessel (ppm)	0202	62.45	5.700	58.76	3.990	2.524	19	0.93	3%	0
028.42	Manganese, ICP, Open vessel (ppm)	0693	62.46	6.697	58.76	3.990	2.524	19	0.93	3%	0
028.42	Manganese, ICP, Open vessel (ppm)	0278	62.50	5.000	58.76	3.990	2.524	19	0.94	3%	0
028.42	Manganese, ICP, Open vessel (ppm)	0366	62.50	3.000	58.76	3.990	2.524	19	0.94	3%	0
028.42	Manganese, ICP, Open vessel (ppm)	0190	65.56	2.500	58.76	3.990	2.524	19	1.71	6%	0
028.42	Manganese, ICP, Open vessel (ppm)	0504	53.00	18.00	58.76	3.990	2.524	19	-1.44	5%	1
028.43	Manganese, ICP, Microwave (ppm)	0510	49.50	1.000	57.54	2.932	2.199	22	-2.74	7%	0
028.43	Manganese, ICP, Microwave (ppm)	0511	54.00	4.000	57.54	2.932	2.199	22	-1.21	3%	0
028.43	Manganese, ICP, Microwave (ppm)	0038	54.20	5.200	57.54	2.932	2.199	22	-1.14	3%	0
028.43	Manganese, ICP, Microwave (ppm)	0407	54.81	2.309	57.54	2.932	2.199	22	-0.93	2%	0
028.43	Manganese, ICP, Microwave (ppm)	2089	55.34	2.720	57.54	2.932	2.199	22	-0.75	2%	0
028.43	Manganese, ICP, Microwave (ppm)	0010	55.45	0.7000	57.54	2.932	2.199	22	-0.71	2%	0
028.43	Manganese, ICP, Microwave (ppm)	0345	55.64	0.9170	57.54	2.932	2.199	22	-0.65	2%	0
028.43	Manganese, ICP, Microwave (ppm)	0870	55.73	1.660	57.54	2.932	2.199	22	-0.62	2%	0
028.43	Manganese, ICP, Microwave (ppm)	0226	56.13	0.2700	57.54	2.932	2.199	22	-0.48	1%	0
028.43	Manganese, ICP, Microwave (ppm)	0682	56.41	0.0000	57.54	2.932	2.199	22	-0.39	1%	0
028.43	Manganese, ICP, Microwave (ppm)	2326	57.50	7.000	57.54	2.932	2.199	22	-0.02	0%	0
028.43	Manganese, ICP, Microwave (ppm)	0169	57.85	1.700	57.54	2.932	2.199	22	0.10	0%	0
028.43	Manganese, ICP, Microwave (ppm)	0505	58.42	0.8100	57.54	2.932	2.199	22	0.30	1%	0
028.43	Manganese, ICP, Microwave (ppm)	0001	58.80	5.000	57.54	2.932	2.199	22	0.43	1%	0
028.43	Manganese, ICP, Microwave (ppm)	0083	59.01	0.2200	57.54	2.932	2.199	22	0.50	1%	0
028.43	Manganese, ICP, Microwave (ppm)	0353	59.38	1.320	57.54	2.932	2.199	22	0.63	2%	0
028.43	Manganese, ICP, Microwave (ppm)	0027	59.80	1.813	57.54	2.932	2.199	22	0.77	2%	0
028.43	Manganese, ICP, Microwave (ppm)	0033	59.85	7.300	57.54	2.932	2.199	22	0.79	2%	0
028.43	Manganese, ICP, Microwave (ppm)	0035	60.50	3.000	57.54	2.932	2.199	22	1.01	3%	0
028.43	Manganese, ICP, Microwave (ppm)	0354	61.25	0.3100	57.54	2.932	2.199	22	1.26	3%	0
028.43	Manganese, ICP, Microwave (ppm)	0675	61.29	0.1000	57.54	2.932	2.199	22	1.28	3%	0
028.43	Manganese, ICP, Microwave (ppm)	0098	61.49	2.650	57.54	2.932	2.199	22	1.34	3%	0
028.44	Manganese, ICP, Dry ash (ppm)	0066	45.58	0.8400				3			0
028.44	Manganese, ICP, Dry ash (ppm)	2114	56.64	5.120				3			0
028.44	Manganese, ICP, Dry ash (ppm)	0164	57.50	1.000				3			0
028.52	Manganese, ICP-MS, Open vessel (ppm)	0186	60.43	1.100				2			0
028.52	Manganese, ICP-MS, Open vessel (ppm)	0047	66.95	3.640				2			0
028.53	Manganese, ICP-MS, Microwave (ppm)	0407	55.99	0.3010	58.34	1.613	2.320	5			0
028.53	Manganese, ICP-MS, Microwave (ppm)	0941	58.00	0.0000	58.34	1.613	2.320	5			0
028.53	Manganese, ICP-MS, Microwave (ppm)	0939	58.01	1.980	58.34	1.613	2.320	5			0
028.53	Manganese, ICP-MS, Microwave (ppm)	2192	59.65	2.300	58.34	1.613	2.320	5			0
028.53	Manganese, ICP-MS, Microwave (ppm)	0638	60.05	4.700	58.34	1.613	2.320	5			0
028.99	Manganese, Miscellaneous (ppm)	0242	52.50	1.000				2			0
028.99	Manganese, Miscellaneous (ppm)	0100	58.00	2.000				2			0
030.01	Nitrate, Ion-selective electrode (%)	0357	0.0005	0.0001				1			0
031.01	Phosphorus, Photometric (%)	0108	0.4000	0.0200	0.4367	0.0209	0.0109	29	-1.76	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	
031.01	Phosphorus, Photometric (%)	0038	0.4100	0.0080	0.4367	0.0209	0.0109	29	-1.28	3%	0
031.01	Phosphorus, Photometric (%)	2199	0.4100	0.0200	0.4367	0.0209	0.0109	29	-1.28	3%	0
031.01	Phosphorus, Photometric (%)	2006	0.4135	0.0210	0.4367	0.0209	0.0109	29	-1.11	3%	0
031.01	Phosphorus, Photometric (%)	2144	0.4150	0.0100	0.4367	0.0209	0.0109	29	-1.04	2%	0
031.01	Phosphorus, Photometric (%)	2195	0.4150	0.0100	0.4367	0.0209	0.0109	29	-1.04	2%	0
031.01	Phosphorus, Photometric (%)	2200	0.4150	0.0100	0.4367	0.0209	0.0109	29	-1.04	2%	0
031.01	Phosphorus, Photometric (%)	2188	0.4250	0.0100	0.4367	0.0209	0.0109	29	-0.56	1%	0
031.01	Phosphorus, Photometric (%)	0687	0.4300	0.0200	0.4367	0.0209	0.0109	29	-0.32	1%	0
031.01	Phosphorus, Photometric (%)	0689	0.4300	0.0000	0.4367	0.0209	0.0109	29	-0.32	1%	0
031.01	Phosphorus, Photometric (%)	2434	0.4300	0.0000	0.4367	0.0209	0.0109	29	-0.32	1%	0
031.01	Phosphorus, Photometric (%)	0622	0.4317	0.0083	0.4367	0.0209	0.0109	29	-0.24	1%	0
031.01	Phosphorus, Photometric (%)	2022	0.4350	0.0100	0.4367	0.0209	0.0109	29	-0.08	0%	0
031.01	Phosphorus, Photometric (%)	0651	0.4364	0.0192	0.4367	0.0209	0.0109	29	-0.02	0%	0
031.01	Phosphorus, Photometric (%)	0563	0.4399	0.0005	0.4367	0.0209	0.0109	29	0.15	0%	0
031.01	Phosphorus, Photometric (%)	2193	0.4400	0.0000	0.4367	0.0209	0.0109	29	0.16	0%	0
031.01	Phosphorus, Photometric (%)	2196	0.4400	0.0000	0.4367	0.0209	0.0109	29	0.16	0%	0
031.01	Phosphorus, Photometric (%)	2302	0.4400	0.0000	0.4367	0.0209	0.0109	29	0.16	0%	0
031.01	Phosphorus, Photometric (%)	2337	0.4400	0.0000	0.4367	0.0209	0.0109	29	0.16	0%	0
031.01	Phosphorus, Photometric (%)	2446	0.4420	0.0160	0.4367	0.0209	0.0109	29	0.25	1%	0
031.01	Phosphorus, Photometric (%)	2325	0.4450	0.0100	0.4367	0.0209	0.0109	29	0.40	1%	0
031.01	Phosphorus, Photometric (%)	2190	0.4456	0.0015	0.4367	0.0209	0.0109	29	0.42	1%	0
031.01	Phosphorus, Photometric (%)	2009	0.4496	0.0015	0.4367	0.0209	0.0109	29	0.61	1%	0
031.01	Phosphorus, Photometric (%)	0884	0.4550	0.0100	0.4367	0.0209	0.0109	29	0.88	2%	0
031.01	Phosphorus, Photometric (%)	2246	0.4600	0.0000	0.4367	0.0209	0.0109	29	1.11	3%	0
031.01	Phosphorus, Photometric (%)	0529	0.4650	0.0100	0.4367	0.0209	0.0109	29	1.35	3%	0
031.01	Phosphorus, Photometric (%)	0948	0.4650	0.0100	0.4367	0.0209	0.0109	29	1.35	3%	0
031.01	Phosphorus, Photometric (%)	0018	0.4730	0.0040	0.4367	0.0209	0.0109	29	1.74	4%	0
031.01	Phosphorus, Photometric (%)	2181	0.4750	0.0100	0.4367	0.0209	0.0109	29	1.83	4%	0
031.01	Phosphorus, Photometric (%)	0939	0.5000	0.1000	0.4367	0.0209	0.0109	29	3.03	7%	1
031.01	Phosphorus, Photometric (%)	2392	0.9550	0.0500	0.4367	0.0209	0.0109	29	24.82	59%	2
031.03	Phosphorus, Autoanalyzer (%)	0001	0.4365	0.0030				2			0
031.03	Phosphorus, Autoanalyzer (%)	0169	0.4500	0.0200				2			0
031.06	Phosphorus, Hach Method (%)	0536	0.4800	0.0200				1			0
031.41	Phosphorus, ICP, Dry ash (%)	0019	0.3950	0.0200	0.4427	0.0208	0.0122	20	-2.30	5%	0
031.41	Phosphorus, ICP, Dry ash (%)	0685	0.4150	0.0100	0.4427	0.0208	0.0122	20	-1.34	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	2259	0.4195	0.0130	0.4427	0.0208	0.0122	20	-1.12	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0358	0.4200	0.0000	0.4427	0.0208	0.0122	20	-1.09	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0004	0.4250	0.0100	0.4427	0.0208	0.0122	20	-0.85	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0910	0.4300	0.0000	0.4427	0.0208	0.0122	20	-0.61	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0229	0.4350	0.0100	0.4427	0.0208	0.0122	20	-0.37	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0674	0.4400	0.0000	0.4427	0.0208	0.0122	20	-0.13	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0407	0.4406	0.0177	0.4427	0.0208	0.0122	20	-0.10	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
031.41	Phosphorus, ICP, Dry ash (%)	0049	0.4450	0.0300	0.4427	0.0208	0.0122	20	0.11	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0171	0.4450	0.0100	0.4427	0.0208	0.0122	20	0.11	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0598	0.4462	0.0009	0.4427	0.0208	0.0122	20	0.16	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0098	0.4494	0.0074	0.4427	0.0208	0.0122	20	0.32	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0074	0.4500	0.0000	0.4427	0.0208	0.0122	20	0.35	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0144	0.4550	0.0100	0.4427	0.0208	0.0122	20	0.59	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0520	0.4585	0.0030	0.4427	0.0208	0.0122	20	0.76	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0619	0.4600	0.0000	0.4427	0.0208	0.0122	20	0.83	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0226	0.4650	0.0100	0.4427	0.0208	0.0122	20	1.07	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0413	0.4700	0.0000	0.4427	0.0208	0.0122	20	1.31	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0148	0.4800	0.0280	0.4427	0.0208	0.0122	20	1.80	4%	0
031.42	Phosphorus, ICP, Open vessel (%)	0009	0.4130	0.0407	0.4508	0.0239	0.0139	18	-1.59	4%	0
031.42	Phosphorus, ICP, Open vessel (%)	2433	0.4178	0.0073	0.4508	0.0239	0.0139	18	-1.39	4%	0
031.42	Phosphorus, ICP, Open vessel (%)	2129	0.4300	0.0100	0.4508	0.0239	0.0139	18	-0.87	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0294	0.4350	0.0100	0.4508	0.0239	0.0139	18	-0.66	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0366	0.4350	0.0500	0.4508	0.0239	0.0139	18	-0.66	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0692	0.4350	0.0100	0.4508	0.0239	0.0139	18	-0.66	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0504	0.4355	0.0030	0.4508	0.0239	0.0139	18	-0.64	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0870	0.4411	0.0022	0.4508	0.0239	0.0139	18	-0.41	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0357	0.4540	0.0112	0.4508	0.0239	0.0139	18	0.13	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0186	0.4545	0.0100	0.4508	0.0239	0.0139	18	0.15	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0045	0.4600	0.0300	0.4508	0.0239	0.0139	18	0.38	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	2319	0.4630	0.0040	0.4508	0.0239	0.0139	18	0.51	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0263	0.4645	0.0050	0.4508	0.0239	0.0139	18	0.57	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0047	0.4650	0.0300	0.4508	0.0239	0.0139	18	0.59	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0202	0.4700	0.0000	0.4508	0.0239	0.0139	18	0.80	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0042	0.4730	0.0100	0.4508	0.0239	0.0139	18	0.93	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0278	0.4800	0.0200	0.4508	0.0239	0.0139	18	1.22	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	0190	0.5050	0.0100	0.4508	0.0239	0.0139	18	2.27	6%	0
031.42	Phosphorus, ICP, Open vessel (%)	0693	0.4945	0.1270	0.4508	0.0239	0.0139	18	1.83	5%	1
031.43	Phosphorus, ICP, Microwave (%)	0510	0.4050	0.0100	0.4411	0.0244	0.0090	22	-1.48	4%	0
031.43	Phosphorus, ICP, Microwave (%)	2326	0.4050	0.0300	0.4411	0.0244	0.0090	22	-1.48	4%	0
031.43	Phosphorus, ICP, Microwave (%)	0354	0.4065	0.0030	0.4411	0.0244	0.0090	22	-1.42	4%	0
031.43	Phosphorus, ICP, Microwave (%)	0226	0.4150	0.0100	0.4411	0.0244	0.0090	22	-1.07	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0345	0.4250	0.0060	0.4411	0.0244	0.0090	22	-0.66	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0511	0.4250	0.0100	0.4411	0.0244	0.0090	22	-0.66	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0010	0.4300	0.0000	0.4411	0.0244	0.0090	22	-0.46	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0001	0.4335	0.0010	0.4411	0.0244	0.0090	22	-0.31	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0083	0.4400	0.0020	0.4411	0.0244	0.0090	22	-0.05	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0682	0.4400	0.0000	0.4411	0.0244	0.0090	22	-0.05	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0848	0.4400	0.0000	0.4411	0.0244	0.0090	22	-0.05	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0027	0.4425	0.0030	0.4411	0.0244	0.0090	22	0.06	0%	0

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			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
031.43	Phosphorus, ICP, Microwave (%)	0035	0.4500	0.0000	0.4411	0.0244	0.0090	22	0.36	1%	0
031.43	Phosphorus, ICP, Microwave (%)	2089	0.4500	0.0000	0.4411	0.0244	0.0090	22	0.36	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0407	0.4507	0.0032	0.4411	0.0244	0.0090	22	0.39	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0098	0.4511	0.0260	0.4411	0.0244	0.0090	22	0.41	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0870	0.4549	0.0099	0.4411	0.0244	0.0090	22	0.56	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0033	0.4580	0.0060	0.4411	0.0244	0.0090	22	0.69	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0675	0.4600	0.0000	0.4411	0.0244	0.0090	22	0.77	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0505	0.4670	0.0040	0.4411	0.0244	0.0090	22	1.06	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0353	0.4800	0.0200	0.4411	0.0244	0.0090	22	1.59	4%	0
031.43	Phosphorus, ICP, Microwave (%)	0036	0.4895	0.0148	0.4411	0.0244	0.0090	22	1.98	5%	0
031.43	Phosphorus, ICP, Microwave (%)	0038	0.4450	0.0620	0.4411	0.0244	0.0090	22	0.16	0%	1
031.44	Phosphorus, ICP, Dry ash (%)	0066	0.4280	0.0140				3			0
031.44	Phosphorus, ICP, Dry ash (%)	0164	0.4510	0.0160				3			0
031.44	Phosphorus, ICP, Dry ash (%)	2114	0.4541	0.0027				3			0
031.52	Phosphorus, ICP-MS, Open vessel (%)	0186	0.4508	0.0022				2			0
031.52	Phosphorus, ICP-MS, Open vessel (%)	0154	0.5704	0.0123				2			0
031.53	Phosphorus, ICP-MS, Microwave (%)	0941	0.4230	0.0000				3			0
031.53	Phosphorus, ICP-MS, Microwave (%)	0407	0.4324	0.0027				3			0
031.53	Phosphorus, ICP-MS, Microwave (%)	0638	0.4384	0.0156				3			0
031.53	Phosphorus, ICP-MS, Microwave (%)	0939	0.5250	0.0300				3			2
031.99	Phosphorus, Miscellaneous (%)	0889	0.3300	0.0000	0.3960	0.0386	0.0100	5			0
031.99	Phosphorus, Miscellaneous (%)	2302	0.4000	0.0000	0.3960	0.0386	0.0100	5			0
031.99	Phosphorus, Miscellaneous (%)	0242	0.4050	0.0100	0.3960	0.0386	0.0100	5			0
031.99	Phosphorus, Miscellaneous (%)	0100	0.4150	0.0100	0.3960	0.0386	0.0100	5			0
031.99	Phosphorus, Miscellaneous (%)	0676	0.4300	0.0000	0.3960	0.0386	0.0100	5			0
032.31	Potassium, AAS, Dry ash (%)	0536	0.6350	0.0100	0.7116	0.0542	0.0061	7	-1.41	5%	0
032.31	Potassium, AAS, Dry ash (%)	0563	0.6605	0.0007	0.7116	0.0542	0.0061	7	-0.94	4%	0
032.31	Potassium, AAS, Dry ash (%)	2196	0.7100	0.0000	0.7116	0.0542	0.0061	7	-0.03	0%	0
032.31	Potassium, AAS, Dry ash (%)	0038	0.7165	0.0070	0.7116	0.0542	0.0061	7	0.09	0%	0
032.31	Potassium, AAS, Dry ash (%)	0529	0.7500	0.0000	0.7116	0.0542	0.0061	7	0.71	3%	0
032.31	Potassium, AAS, Dry ash (%)	0948	0.7545	0.0030	0.7116	0.0542	0.0061	7	0.79	3%	0
032.31	Potassium, AAS, Dry ash (%)	0939	0.7550	0.0100	0.7116	0.0542	0.0061	7	0.80	3%	0
032.32	Potassium, AAS, Open vessel (%)	0169	0.7350	0.0300				1			0
032.41	Potassium, ICP, Dry ash (%)	0019	0.6175	0.0350	0.7205	0.0379	0.0212	19	-2.72	7%	0
032.41	Potassium, ICP, Dry ash (%)	0358	0.6500	0.0200	0.7205	0.0379	0.0212	19	-1.86	5%	0
032.41	Potassium, ICP, Dry ash (%)	0004	0.6850	0.0300	0.7205	0.0379	0.0212	19	-0.94	2%	0
032.41	Potassium, ICP, Dry ash (%)	0910	0.6850	0.0500	0.7205	0.0379	0.0212	19	-0.94	2%	0
032.41	Potassium, ICP, Dry ash (%)	0049	0.6900	0.0200	0.7205	0.0379	0.0212	19	-0.81	2%	0
032.41	Potassium, ICP, Dry ash (%)	0674	0.7000	0.0000	0.7205	0.0379	0.0212	19	-0.54	1%	0
032.41	Potassium, ICP, Dry ash (%)	0171	0.7100	0.0200	0.7205	0.0379	0.0212	19	-0.28	1%	0
032.41	Potassium, ICP, Dry ash (%)	0148	0.7125	0.0450	0.7205	0.0379	0.0212	19	-0.21	1%	0
032.41	Potassium, ICP, Dry ash (%)	0066	0.7180	0.0100	0.7205	0.0379	0.0212	19	-0.07	0%	0

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032.41	Potassium, ICP, Dry ash (%)	0229	0.7200	0.0000	0.7205	0.0379	0.0212	19	-0.01	0%	0
032.41	Potassium, ICP, Dry ash (%)	0407	0.7229	0.0299	0.7205	0.0379	0.0212	19	0.06	0%	0
032.41	Potassium, ICP, Dry ash (%)	0598	0.7300	0.0008	0.7205	0.0379	0.0212	19	0.25	1%	0
032.41	Potassium, ICP, Dry ash (%)	0074	0.7450	0.0100	0.7205	0.0379	0.0212	19	0.65	2%	0
032.41	Potassium, ICP, Dry ash (%)	0413	0.7450	0.0100	0.7205	0.0379	0.0212	19	0.65	2%	0
032.41	Potassium, ICP, Dry ash (%)	0098	0.7500	0.0000	0.7205	0.0379	0.0212	19	0.78	2%	0
032.41	Potassium, ICP, Dry ash (%)	0144	0.7500	0.0400	0.7205	0.0379	0.0212	19	0.78	2%	0
032.41	Potassium, ICP, Dry ash (%)	0226	0.7550	0.0100	0.7205	0.0379	0.0212	19	0.91	2%	0
032.41	Potassium, ICP, Dry ash (%)	0619	0.7670	0.0040	0.7205	0.0379	0.0212	19	1.23	3%	0
032.41	Potassium, ICP, Dry ash (%)	0520	0.7770	0.0080	0.7205	0.0379	0.0212	19	1.49	4%	0
032.42	Potassium, ICP, Open vessel (%)	0504	0.5880	0.0080	0.7550	0.0714	0.0225	17	-2.34	11%	0
032.42	Potassium, ICP, Open vessel (%)	2129	0.6675	0.0010	0.7550	0.0714	0.0225	17	-1.23	6%	0
032.42	Potassium, ICP, Open vessel (%)	0045	0.6770	0.0200	0.7550	0.0714	0.0225	17	-1.09	5%	0
032.42	Potassium, ICP, Open vessel (%)	0366	0.7150	0.0500	0.7550	0.0714	0.0225	17	-0.56	3%	0
032.42	Potassium, ICP, Open vessel (%)	0357	0.7181	0.0137	0.7550	0.0714	0.0225	17	-0.52	2%	0
032.42	Potassium, ICP, Open vessel (%)	0692	0.7200	0.0800	0.7550	0.0714	0.0225	17	-0.49	2%	0
032.42	Potassium, ICP, Open vessel (%)	2433	0.7279	0.0092	0.7550	0.0714	0.0225	17	-0.38	2%	0
032.42	Potassium, ICP, Open vessel (%)	0870	0.7299	0.0186	0.7550	0.0714	0.0225	17	-0.35	2%	0
032.42	Potassium, ICP, Open vessel (%)	0186	0.7569	0.0003	0.7550	0.0714	0.0225	17	0.03	0%	0
032.42	Potassium, ICP, Open vessel (%)	0202	0.7615	0.0090	0.7550	0.0714	0.0225	17	0.09	0%	0
032.42	Potassium, ICP, Open vessel (%)	0263	0.7665	0.0110	0.7550	0.0714	0.0225	17	0.16	1%	0
032.42	Potassium, ICP, Open vessel (%)	0294	0.7950	0.0100	0.7550	0.0714	0.0225	17	0.56	3%	0
032.42	Potassium, ICP, Open vessel (%)	0042	0.7965	0.0010	0.7550	0.0714	0.0225	17	0.58	3%	0
032.42	Potassium, ICP, Open vessel (%)	0047	0.8150	0.0100	0.7550	0.0714	0.0225	17	0.84	4%	0
032.42	Potassium, ICP, Open vessel (%)	0693	0.8280	0.1900	0.7550	0.0714	0.0225	17	1.02	5%	0
032.42	Potassium, ICP, Open vessel (%)	0190	0.8500	0.0400	0.7550	0.0714	0.0225	17	1.33	6%	0
032.42	Potassium, ICP, Open vessel (%)	0009	0.8703	0.0798	0.7550	0.0714	0.0225	17	1.62	8%	0
032.42	Potassium, ICP, Open vessel (%)	0278	0.6450	0.2500	0.7550	0.0714	0.0225	17	-1.54	7%	1
032.43	Potassium, ICP, Microwave (%)	0510	0.6150	0.0100	0.7382	0.0301	0.0100	21	-4.09	8%	0
032.43	Potassium, ICP, Microwave (%)	0226	0.6800	0.0000	0.7382	0.0301	0.0100	21	-1.93	4%	0
032.43	Potassium, ICP, Microwave (%)	0345	0.7050	0.0080	0.7382	0.0301	0.0100	21	-1.10	2%	0
032.43	Potassium, ICP, Microwave (%)	0511	0.7150	0.0100	0.7382	0.0301	0.0100	21	-0.77	2%	0
032.43	Potassium, ICP, Microwave (%)	2089	0.7150	0.0100	0.7382	0.0301	0.0100	21	-0.77	2%	0
032.43	Potassium, ICP, Microwave (%)	0001	0.7160	0.0100	0.7382	0.0301	0.0100	21	-0.74	2%	0
032.43	Potassium, ICP, Microwave (%)	0083	0.7170	0.0000	0.7382	0.0301	0.0100	21	-0.70	1%	0
032.43	Potassium, ICP, Microwave (%)	0407	0.7270	0.0032	0.7382	0.0301	0.0100	21	-0.37	1%	0
032.43	Potassium, ICP, Microwave (%)	0098	0.7350	0.0100	0.7382	0.0301	0.0100	21	-0.11	0%	0
032.43	Potassium, ICP, Microwave (%)	0038	0.7380	0.0040	0.7382	0.0301	0.0100	21	-0.01	0%	0
032.43	Potassium, ICP, Microwave (%)	0682	0.7400	0.0000	0.7382	0.0301	0.0100	21	0.06	0%	0
032.43	Potassium, ICP, Microwave (%)	0675	0.7450	0.0100	0.7382	0.0301	0.0100	21	0.23	0%	0
032.43	Potassium, ICP, Microwave (%)	0870	0.7499	0.0058	0.7382	0.0301	0.0100	21	0.39	1%	0
032.43	Potassium, ICP, Microwave (%)	0010	0.7500	0.0000	0.7382	0.0301	0.0100	21	0.39	1%	0

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			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
032.43	Potassium, ICP, Microwave (%)	0505	0.7535	0.0010	0.7382	0.0301	0.0100	21	0.51	1%	0
032.43	Potassium, ICP, Microwave (%)	0035	0.7550	0.0100	0.7382	0.0301	0.0100	21	0.56	1%	0
032.43	Potassium, ICP, Microwave (%)	0036	0.7579	0.0106	0.7382	0.0301	0.0100	21	0.66	1%	0
032.43	Potassium, ICP, Microwave (%)	0033	0.7645	0.0070	0.7382	0.0301	0.0100	21	0.88	2%	0
032.43	Potassium, ICP, Microwave (%)	2326	0.7650	0.0100	0.7382	0.0301	0.0100	21	0.89	2%	0
032.43	Potassium, ICP, Microwave (%)	0353	0.8150	0.0100	0.7382	0.0301	0.0100	21	2.55	5%	0
032.43	Potassium, ICP, Microwave (%)	0354	0.8325	0.0030	0.7382	0.0301	0.0100	21	3.13	6%	0
032.44	Potassium, ICP, Dry ash (%)	0164	0.7510	0.0440				2			0
032.44	Potassium, ICP, Dry ash (%)	2114	0.7789	0.0041				2			0
032.52	Potassium, ICP-MS, Open vessel (%)	0154	0.7230	0.0308				3			0
032.52	Potassium, ICP-MS, Open vessel (%)	2319	0.7425	0.0190				3			0
032.52	Potassium, ICP-MS, Open vessel (%)	0186	0.7637	0.0010				3			0
032.53	Potassium, ICP-MS, Microwave (%)	0407	0.7244	0.0054				3			0
032.53	Potassium, ICP-MS, Microwave (%)	0939	0.7750	0.0300				3			0
032.53	Potassium, ICP-MS, Microwave (%)	0638	0.7796	0.0330				3			0
032.53	Potassium, ICP-MS, Microwave (%)	0941	357.9	714.3				3			2
032.99	Potassium, Miscellaneous (%)	0242	0.6350	0.0300	0.7027	0.0468	0.0142	4			0
032.99	Potassium, Miscellaneous (%)	0100	0.7150	0.0100	0.7027	0.0468	0.0142	4			0
032.99	Potassium, Miscellaneous (%)	0001	0.7185	0.0119	0.7027	0.0468	0.0142	4			0
032.99	Potassium, Miscellaneous (%)	0889	0.7425	0.0050	0.7027	0.0468	0.0142	4			0
033.00	Salt as chloride, Sol Cl (%)	0366	0.4150	0.1100	0.4767	0.0513	0.0354	14	-1.20	6%	0
033.00	Salt as chloride, Sol Cl (%)	2196	0.4200	0.0000	0.4767	0.0513	0.0354	14	-1.11	6%	0
033.00	Salt as chloride, Sol Cl (%)	0511	0.4400	0.0600	0.4767	0.0513	0.0354	14	-0.72	4%	0
033.00	Salt as chloride, Sol Cl (%)	0539	0.4400	0.0600	0.4767	0.0513	0.0354	14	-0.72	4%	0
033.00	Salt as chloride, Sol Cl (%)	0884	0.4550	0.0100	0.4767	0.0513	0.0354	14	-0.42	2%	0
033.00	Salt as chloride, Sol Cl (%)	2337	0.4550	0.0100	0.4767	0.0513	0.0354	14	-0.42	2%	0
033.00	Salt as chloride, Sol Cl (%)	2009	0.4615	0.0031	0.4767	0.0513	0.0354	14	-0.30	2%	0
033.00	Salt as chloride, Sol Cl (%)	0674	0.4700	0.0000	0.4767	0.0513	0.0354	14	-0.13	1%	0
033.00	Salt as chloride, Sol Cl (%)	0675	0.4850	0.0700	0.4767	0.0513	0.0354	14	0.16	1%	0
033.00	Salt as chloride, Sol Cl (%)	0693	0.4865	0.0170	0.4767	0.0513	0.0354	14	0.19	1%	0
033.00	Salt as chloride, Sol Cl (%)	0045	0.5190	0.0160	0.4767	0.0513	0.0354	14	0.82	4%	0
033.00	Salt as chloride, Sol Cl (%)	2022	0.5200	0.0000	0.4767	0.0513	0.0354	14	0.84	5%	0
033.00	Salt as chloride, Sol Cl (%)	0353	0.5700	0.0400	0.4767	0.0513	0.0354	14	1.82	10%	0
033.00	Salt as chloride, Sol Cl (%)	2193	0.6700	0.0200	0.4767	0.0513	0.0354	14	3.77	20%	0
033.01	Salt as chloride, Poten Cl (%)	0619	0.4340	0.0000	0.4839	0.0107	0.0080	23	-4.65	5%	0
033.01	Salt as chloride, Poten Cl (%)	0510	0.4620	0.0000	0.4839	0.0107	0.0080	23	-2.04	2%	0
033.01	Salt as chloride, Poten Cl (%)	0083	0.4700	0.0000	0.4839	0.0107	0.0080	23	-1.29	1%	0
033.01	Salt as chloride, Poten Cl (%)	0413	0.4750	0.0100	0.4839	0.0107	0.0080	23	-0.83	1%	0
033.01	Salt as chloride, Poten Cl (%)	0148	0.4770	0.0020	0.4839	0.0107	0.0080	23	-0.64	1%	0
033.01	Salt as chloride, Poten Cl (%)	2190	0.4775	0.0012	0.4839	0.0107	0.0080	23	-0.59	1%	0
033.01	Salt as chloride, Poten Cl (%)	0100	0.4800	0.0000	0.4839	0.0107	0.0080	23	-0.36	0%	0
033.01	Salt as chloride, Poten Cl (%)	0226	0.4800	0.0000	0.4839	0.0107	0.0080	23	-0.36	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
033.01	Salt as chloride, Poten Cl (%)	0242	0.4800	0.0000	0.4839	0.0107	0.0080	23	-0.36	0%	0
033.01	Salt as chloride, Poten Cl (%)	0939	0.4800	0.0000	0.4839	0.0107	0.0080	23	-0.36	0%	0
033.01	Salt as chloride, Poten Cl (%)	0354	0.4805	0.0070	0.4839	0.0107	0.0080	23	-0.31	0%	0
033.01	Salt as chloride, Poten Cl (%)	0001	0.4850	0.0100	0.4839	0.0107	0.0080	23	0.11	0%	0
033.01	Salt as chloride, Poten Cl (%)	0164	0.4850	0.0100	0.4839	0.0107	0.0080	23	0.11	0%	0
033.01	Salt as chloride, Poten Cl (%)	0948	0.4850	0.0100	0.4839	0.0107	0.0080	23	0.11	0%	0
033.01	Salt as chloride, Poten Cl (%)	2146	0.4850	0.0100	0.4839	0.0107	0.0080	23	0.11	0%	0
033.01	Salt as chloride, Poten Cl (%)	0004	0.4900	0.0000	0.4839	0.0107	0.0080	23	0.57	1%	0
033.01	Salt as chloride, Poten Cl (%)	0098	0.4900	0.0000	0.4839	0.0107	0.0080	23	0.57	1%	0
033.01	Salt as chloride, Poten Cl (%)	2319	0.4900	0.0000	0.4839	0.0107	0.0080	23	0.57	1%	0
033.01	Salt as chloride, Poten Cl (%)	0407	0.4910	0.0080	0.4839	0.0107	0.0080	23	0.67	1%	0
033.01	Salt as chloride, Poten Cl (%)	0019	0.4925	0.0050	0.4839	0.0107	0.0080	23	0.81	1%	0
033.01	Salt as chloride, Poten Cl (%)	0229	0.5100	0.0000	0.4839	0.0107	0.0080	23	2.44	3%	0
033.01	Salt as chloride, Poten Cl (%)	0682	0.5300	0.0000	0.4839	0.0107	0.0080	23	4.30	5%	0
033.01	Salt as chloride, Poten Cl (%)	0186	0.5550	0.0500	0.4839	0.0107	0.0080	23	6.64	7%	0
033.01	Salt as chloride, Poten Cl (%)	0278	0.8850	0.6700	0.4839	0.0107	0.0080	23	37.43	41%	2
033.03	Salt as chloride, Quantab (%)	0505	0.4100	0.0200	0.4325	0.0263	0.0467	4			0
033.03	Salt as chloride, Quantab (%)	0190	0.4200	0.0400	0.4325	0.0263	0.0467	4			0
033.03	Salt as chloride, Quantab (%)	0144	0.4300	0.0000	0.4325	0.0263	0.0467	4			0
033.03	Salt as chloride, Quantab (%)	2076	0.4700	0.0800	0.4325	0.0263	0.0467	4			0
033.05	Salt as chloride, Ion Sel Electrode (%)	0171	0.4300	0.0000				3			0
033.05	Salt as chloride, Ion Sel Electrode (%)	0689	0.4750	0.0100				3			0
033.05	Salt as chloride, Ion Sel Electrode (%)	0918	0.6000	0.0000				3			0
033.99	Salt, Miscellaneous (%)	0910	0.4150	0.0500	0.5064	0.0850	0.0315	8	-1.08	9%	0
033.99	Salt, Miscellaneous (%)	0536	0.4300	0.0200	0.5064	0.0850	0.0315	8	-0.90	8%	0
033.99	Salt, Miscellaneous (%)	2144	0.4550	0.0300	0.5064	0.0850	0.0315	8	-0.60	5%	0
033.99	Salt, Miscellaneous (%)	0650	0.4650	0.0300	0.5064	0.0850	0.0315	8	-0.49	4%	0
033.99	Salt, Miscellaneous (%)	2129	0.5360	0.0020	0.5064	0.0850	0.0315	8	0.35	3%	0
033.99	Salt, Miscellaneous (%)	2181	0.5500	0.0600	0.5064	0.0850	0.0315	8	0.51	4%	0
033.99	Salt, Miscellaneous (%)	2326	0.5850	0.0100	0.5064	0.0850	0.0315	8	0.93	8%	0
033.99	Salt, Miscellaneous (%)	0358	0.6150	0.0500	0.5064	0.0850	0.0315	8	1.28	11%	0
034.01	Selenium, Total (Se), Fluor (ppm)	0038	0.3565	0.0070				1			0
034.04	Selenium, Total (Se), AA, Hydride (ppm)	0563	0.2764	0.0488				3			0
034.04	Selenium, Total (Se), AA, Hydride (ppm)	0169	0.3150	0.0300				3			0
034.04	Selenium, Total (Se), AA, Hydride (ppm)	0045	0.3210	0.0360				3			0
034.41	Selenium, Total (Se), ICP, Dry ash (ppm)	0619	0.3415	0.0310				2			0
034.41	Selenium, Total (Se), ICP, Dry ash (ppm)	0148	0.4005	0.0190				2			0
034.42	Selenium, Total (Se), ICP, Open vessel (ppm)	0692	0.5100	0.2000				1			0
034.43	Selenium, Total (Se), ICP, Microwave (ppm)	2114	0.3745	0.0370				1			0
034.43	Selenium, Total (Se), ICP, Microwave (ppm)	0682	< 5					1			5
034.52	Selenium, Total (Se), ICP-MS, Open vessel (ppm)	0047	0.2700	0.0600				3			0
034.52	Selenium, Total (Se), ICP-MS, Open vessel (ppm)	0910	0.4150	0.0500				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			
034.52	Selenium, Total (Se), ICP-MS, Open vessel (ppm)	0186	0.8218	0.1284				3			0
034.53	Selenium, Total (Se), ICP-MS, Microwave (ppm)	0009	0.2556	0.0492	0.3719	0.0196	0.0459	7	-5.94	16%	0
034.53	Selenium, Total (Se), ICP-MS, Microwave (ppm)	0638	0.3675	0.1130	0.3719	0.0196	0.0459	7	-0.22	1%	0
034.53	Selenium, Total (Se), ICP-MS, Microwave (ppm)	0033	0.3675	0.0510	0.3719	0.0196	0.0459	7	-0.22	1%	0
034.53	Selenium, Total (Se), ICP-MS, Microwave (ppm)	0941	0.3700	0.0000	0.3719	0.0196	0.0459	7	-0.10	0%	0
034.53	Selenium, Total (Se), ICP-MS, Microwave (ppm)	0407	0.3717	0.0275	0.3719	0.0196	0.0459	7	-0.01	0%	0
034.53	Selenium, Total (Se), ICP-MS, Microwave (ppm)	0164	0.3860	0.0440	0.3719	0.0196	0.0459	7	0.72	2%	0
034.53	Selenium, Total (Se), ICP-MS, Microwave (ppm)	0560	0.3981	0.0089	0.3719	0.0196	0.0459	7	1.34	4%	0
034.99	Selenium, Total (Se), Miscellaneous (ppm)	0190	1.065	0.0100				1			0
035.05	Sodium, Flame Emission (%)	2392	0.2205	0.0010				2			0
035.05	Sodium, Flame Emission (%)	0108	0.2600	0.0200				2			0
035.31	Sodium, AAS, Dry ash (%)	0948	0.2235	0.0030	0.2477	0.0226	0.0151	9	-1.07	5%	0
035.31	Sodium, AAS, Dry ash (%)	0563	0.2277	0.0166	0.2477	0.0226	0.0151	9	-0.88	4%	0
035.31	Sodium, AAS, Dry ash (%)	0622	0.2293	0.0070	0.2477	0.0226	0.0151	9	-0.81	4%	0
035.31	Sodium, AAS, Dry ash (%)	0939	0.2350	0.0100	0.2477	0.0226	0.0151	9	-0.56	3%	0
035.31	Sodium, AAS, Dry ash (%)	0529	0.2490	0.0000	0.2477	0.0226	0.0151	9	0.06	0%	0
035.31	Sodium, AAS, Dry ash (%)	2022	0.2600	0.0000	0.2477	0.0226	0.0151	9	0.55	2%	0
035.31	Sodium, AAS, Dry ash (%)	2196	0.2600	0.0000	0.2477	0.0226	0.0151	9	0.55	2%	0
035.31	Sodium, AAS, Dry ash (%)	0038	0.2630	0.0400	0.2477	0.0226	0.0151	9	0.68	3%	0
035.31	Sodium, AAS, Dry ash (%)	0536	0.3000	0.0200	0.2477	0.0226	0.0151	9	2.32	11%	0
035.32	Sodium, AAS, Open vessel (%)	0169	0.2450	0.0300				1			0
035.41	Sodium, ICP, Dry ash (%)	0019	0.2225	0.0050	0.2454	0.0118	0.0103	21	-1.94	5%	0
035.41	Sodium, ICP, Dry ash (%)	0910	0.2300	0.0200	0.2454	0.0118	0.0103	21	-1.30	3%	0
035.41	Sodium, ICP, Dry ash (%)	0598	0.2327	0.0002	0.2454	0.0118	0.0103	21	-1.08	3%	0
035.41	Sodium, ICP, Dry ash (%)	0407	0.2345	0.0096	0.2454	0.0118	0.0103	21	-0.92	2%	0
035.41	Sodium, ICP, Dry ash (%)	0049	0.2350	0.0100	0.2454	0.0118	0.0103	21	-0.88	2%	0
035.41	Sodium, ICP, Dry ash (%)	2114	0.2400	0.0009	0.2454	0.0118	0.0103	21	-0.46	1%	0
035.41	Sodium, ICP, Dry ash (%)	0358	0.2400	0.0200	0.2454	0.0118	0.0103	21	-0.46	1%	0
035.41	Sodium, ICP, Dry ash (%)	2259	0.2400	0.0140	0.2454	0.0118	0.0103	21	-0.46	1%	0
035.41	Sodium, ICP, Dry ash (%)	0148	0.2445	0.0190	0.2454	0.0118	0.0103	21	-0.08	0%	0
035.41	Sodium, ICP, Dry ash (%)	0004	0.2450	0.0100	0.2454	0.0118	0.0103	21	-0.03	0%	0
035.41	Sodium, ICP, Dry ash (%)	0098	0.2450	0.0100	0.2454	0.0118	0.0103	21	-0.03	0%	0
035.41	Sodium, ICP, Dry ash (%)	0144	0.2450	0.0100	0.2454	0.0118	0.0103	21	-0.03	0%	0
035.41	Sodium, ICP, Dry ash (%)	0229	0.2450	0.0100	0.2454	0.0118	0.0103	21	-0.03	0%	0
035.41	Sodium, ICP, Dry ash (%)	0164	0.2475	0.0190	0.2454	0.0118	0.0103	21	0.18	0%	0
035.41	Sodium, ICP, Dry ash (%)	0171	0.2500	0.0000	0.2454	0.0118	0.0103	21	0.39	1%	0
035.41	Sodium, ICP, Dry ash (%)	0520	0.2520	0.0000	0.2454	0.0118	0.0103	21	0.56	1%	0
035.41	Sodium, ICP, Dry ash (%)	0619	0.2575	0.0030	0.2454	0.0118	0.0103	21	1.02	2%	0
035.41	Sodium, ICP, Dry ash (%)	0066	0.2590	0.0040	0.2454	0.0118	0.0103	21	1.15	3%	0
035.41	Sodium, ICP, Dry ash (%)	0226	0.2600	0.0000	0.2454	0.0118	0.0103	21	1.24	3%	0
035.41	Sodium, ICP, Dry ash (%)	0674	0.2600	0.0000	0.2454	0.0118	0.0103	21	1.24	3%	0
035.41	Sodium, ICP, Dry ash (%)	0413	0.2650	0.0100	0.2454	0.0118	0.0103	21	1.66	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	
035.42	Sodium, ICP, Open vessel (%)	0504	0.1950	0.0100	0.2478	0.0202	0.0076	17	-2.62	11%	0
035.42	Sodium, ICP, Open vessel (%)	0045	0.2230	0.0240	0.2478	0.0202	0.0076	17	-1.23	5%	0
035.42	Sodium, ICP, Open vessel (%)	2129	0.2245	0.0050	0.2478	0.0202	0.0076	17	-1.16	5%	0
035.42	Sodium, ICP, Open vessel (%)	0870	0.2348	0.0086	0.2478	0.0202	0.0076	17	-0.65	3%	0
035.42	Sodium, ICP, Open vessel (%)	0366	0.2365	0.0150	0.2478	0.0202	0.0076	17	-0.56	2%	0
035.42	Sodium, ICP, Open vessel (%)	0357	0.2391	0.0003	0.2478	0.0202	0.0076	17	-0.44	2%	0
035.42	Sodium, ICP, Open vessel (%)	0692	0.2400	0.0200	0.2478	0.0202	0.0076	17	-0.39	2%	0
035.42	Sodium, ICP, Open vessel (%)	2319	0.2420	0.0020	0.2478	0.0202	0.0076	17	-0.29	1%	0
035.42	Sodium, ICP, Open vessel (%)	0693	0.2430	0.0040	0.2478	0.0202	0.0076	17	-0.24	1%	0
035.42	Sodium, ICP, Open vessel (%)	0278	0.2550	0.0100	0.2478	0.0202	0.0076	17	0.35	1%	0
035.42	Sodium, ICP, Open vessel (%)	0263	0.2570	0.0040	0.2478	0.0202	0.0076	17	0.45	2%	0
035.42	Sodium, ICP, Open vessel (%)	0202	0.2595	0.0010	0.2478	0.0202	0.0076	17	0.58	2%	0
035.42	Sodium, ICP, Open vessel (%)	0186	0.2639	0.0002	0.2478	0.0202	0.0076	17	0.79	3%	0
035.42	Sodium, ICP, Open vessel (%)	0190	0.2650	0.0100	0.2478	0.0202	0.0076	17	0.85	3%	0
035.42	Sodium, ICP, Open vessel (%)	2433	0.2655	0.0049	0.2478	0.0202	0.0076	17	0.87	4%	0
035.42	Sodium, ICP, Open vessel (%)	0042	0.2690	0.0120	0.2478	0.0202	0.0076	17	1.05	4%	0
035.42	Sodium, ICP, Open vessel (%)	0294	0.2800	0.0000	0.2478	0.0202	0.0076	17	1.59	6%	0
035.43	Sodium, ICP, Microwave (%)	0510	0.2265	0.0030	0.2467	0.0138	0.0053	18	-1.47	4%	0
035.43	Sodium, ICP, Microwave (%)	0511	0.2300	0.0200	0.2467	0.0138	0.0053	18	-1.21	3%	0
035.43	Sodium, ICP, Microwave (%)	0001	0.2320	0.0080	0.2467	0.0138	0.0053	18	-1.07	3%	0
035.43	Sodium, ICP, Microwave (%)	0407	0.2374	0.0006	0.2467	0.0138	0.0053	18	-0.68	2%	0
035.43	Sodium, ICP, Microwave (%)	0345	0.2385	0.0010	0.2467	0.0138	0.0053	18	-0.60	2%	0
035.43	Sodium, ICP, Microwave (%)	0098	0.2400	0.0000	0.2467	0.0138	0.0053	18	-0.49	1%	0
035.43	Sodium, ICP, Microwave (%)	0226	0.2400	0.0000	0.2467	0.0138	0.0053	18	-0.49	1%	0
035.43	Sodium, ICP, Microwave (%)	0682	0.2400	0.0000	0.2467	0.0138	0.0053	18	-0.49	1%	0
035.43	Sodium, ICP, Microwave (%)	0870	0.2480	0.0073	0.2467	0.0138	0.0053	18	0.09	0%	0
035.43	Sodium, ICP, Microwave (%)	0505	0.2480	0.0020	0.2467	0.0138	0.0053	18	0.09	0%	0
035.43	Sodium, ICP, Microwave (%)	0035	0.2500	0.0000	0.2467	0.0138	0.0053	18	0.24	1%	0
035.43	Sodium, ICP, Microwave (%)	2089	0.2500	0.0000	0.2467	0.0138	0.0053	18	0.24	1%	0
035.43	Sodium, ICP, Microwave (%)	0033	0.2515	0.0010	0.2467	0.0138	0.0053	18	0.35	1%	0
035.43	Sodium, ICP, Microwave (%)	0675	0.2550	0.0100	0.2467	0.0138	0.0053	18	0.60	2%	0
035.43	Sodium, ICP, Microwave (%)	0083	0.2565	0.0090	0.2467	0.0138	0.0053	18	0.71	2%	0
035.43	Sodium, ICP, Microwave (%)	0354	0.2625	0.0010	0.2467	0.0138	0.0053	18	1.15	3%	0
035.43	Sodium, ICP, Microwave (%)	0353	0.2695	0.0080	0.2467	0.0138	0.0053	18	1.66	5%	0
035.43	Sodium, ICP, Microwave (%)	2326	0.2700	0.0000	0.2467	0.0138	0.0053	18	1.69	5%	0
035.43	Sodium, ICP, Microwave (%)	0038	0.2950	0.0320	0.2467	0.0138	0.0053	18	3.51	10%	1
035.52	Sodium, ICP-MS, Open vessel (%)	0154	0.2534	0.0048				2			0
035.52	Sodium, ICP-MS, Open vessel (%)	0186	0.2660	0.0002				2			0
035.53	Sodium, ICP-MS, Microwave (%)	0941	0.2360	0.0000				3			0
035.53	Sodium, ICP-MS, Microwave (%)	0638	0.2500	0.0000				3			0
035.53	Sodium, ICP-MS, Microwave (%)	0939	0.2500	0.0000				3			0
035.53	Sodium, ICP-MS, Microwave (%)	0407	0.2416	0.0015				3			1



Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs			
035.99	Sodium, Miscellaneous (%)	0889	0.1425	0.0050				3			0
035.99	Sodium, Miscellaneous (%)	0242	0.2250	0.0100				3			0
035.99	Sodium, Miscellaneous (%)	0100	0.2350	0.0100				3			0
036.00	Sulfur, Gravimetric (%)	0038	0.2980	0.0120				1			0
036.04	Sulfur, LECO (%)	0948	0.3057	0.0062	0.3198	0.0129	0.0183	5			0
036.04	Sulfur, LECO (%)	0001	0.3150	0.0000	0.3198	0.0129	0.0183	5			0
036.04	Sulfur, LECO (%)	0226	0.3150	0.0100	0.3198	0.0129	0.0183	5			0
036.04	Sulfur, LECO (%)	0148	0.3235	0.0170	0.3198	0.0129	0.0183	5			0
036.04	Sulfur, LECO (%)	0229	0.3400	0.0400	0.3198	0.0129	0.0183	5			0
036.42	Sulfur, ICP, Open vessel (%)	0910	0.2734	0.0152	0.3083	0.0192	0.0135	18	-1.81	6%	0
036.42	Sulfur, ICP, Open vessel (%)	0294	0.2750	0.0100	0.3083	0.0192	0.0135	18	-1.73	5%	0
036.42	Sulfur, ICP, Open vessel (%)	2129	0.2835	0.0210	0.3083	0.0192	0.0135	18	-1.29	4%	0
036.42	Sulfur, ICP, Open vessel (%)	0366	0.2950	0.0500	0.3083	0.0192	0.0135	18	-0.69	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0357	0.2964	0.0070	0.3083	0.0192	0.0135	18	-0.62	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0870	0.2985	0.0015	0.3083	0.0192	0.0135	18	-0.51	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0692	0.3000	0.0200	0.3083	0.0192	0.0135	18	-0.43	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0171	0.3050	0.0100	0.3083	0.0192	0.0135	18	-0.17	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0202	0.3075	0.0030	0.3083	0.0192	0.0135	18	-0.04	0%	0
036.42	Sulfur, ICP, Open vessel (%)	0164	0.3150	0.0100	0.3083	0.0192	0.0135	18	0.35	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0186	0.3160	0.0015	0.3083	0.0192	0.0135	18	0.40	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0045	0.3195	0.0070	0.3083	0.0192	0.0135	18	0.58	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0708	0.3220	0.0000	0.3083	0.0192	0.0135	18	0.71	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0407	0.3232	0.0100	0.3083	0.0192	0.0135	18	0.77	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0042	0.3240	0.0220	0.3083	0.0192	0.0135	18	0.81	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0693	0.3255	0.0430	0.3083	0.0192	0.0135	18	0.89	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0190	0.3300	0.0200	0.3083	0.0192	0.0135	18	1.13	4%	0
036.42	Sulfur, ICP, Open vessel (%)	0278	0.3300	0.0000	0.3083	0.0192	0.0135	18	1.13	4%	0
036.43	Sulfur, ICP, Microwave (%)	0083	0.2775	0.0070	0.3267	0.0330	0.0072	17	-1.49	8%	0
036.43	Sulfur, ICP, Microwave (%)	0510	0.2900	0.0000	0.3267	0.0330	0.0072	17	-1.11	6%	0
036.43	Sulfur, ICP, Microwave (%)	0345	0.2915	0.0050	0.3267	0.0330	0.0072	17	-1.07	5%	0
036.43	Sulfur, ICP, Microwave (%)	0226	0.2950	0.0100	0.3267	0.0330	0.0072	17	-0.96	5%	0
036.43	Sulfur, ICP, Microwave (%)	2326	0.2950	0.0300	0.3267	0.0330	0.0072	17	-0.96	5%	0
036.43	Sulfur, ICP, Microwave (%)	0001	0.3160	0.0060	0.3267	0.0330	0.0072	17	-0.32	2%	0
036.43	Sulfur, ICP, Microwave (%)	0870	0.3226	0.0015	0.3267	0.0330	0.0072	17	-0.13	1%	0
036.43	Sulfur, ICP, Microwave (%)	0098	0.3281	0.0079	0.3267	0.0330	0.0072	17	0.04	0%	0
036.43	Sulfur, ICP, Microwave (%)	0033	0.3300	0.0040	0.3267	0.0330	0.0072	17	0.10	1%	0
036.43	Sulfur, ICP, Microwave (%)	0035	0.3300	0.0000	0.3267	0.0330	0.0072	17	0.10	1%	0
036.43	Sulfur, ICP, Microwave (%)	0682	0.3400	0.0000	0.3267	0.0330	0.0072	17	0.40	2%	0
036.43	Sulfur, ICP, Microwave (%)	0505	0.3435	0.0050	0.3267	0.0330	0.0072	17	0.51	3%	0
036.43	Sulfur, ICP, Microwave (%)	0353	0.3450	0.0100	0.3267	0.0330	0.0072	17	0.56	3%	0
036.43	Sulfur, ICP, Microwave (%)	0407	0.3465	0.0002	0.3267	0.0330	0.0072	17	0.60	3%	0
036.43	Sulfur, ICP, Microwave (%)	0169	0.3600	0.0000	0.3267	0.0330	0.0072	17	1.01	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	
036.43	Sulfur, ICP, Microwave (%)	0066	0.3670	0.0080	0.3267	0.0330	0.0072	17	1.22	6%	0
036.43	Sulfur, ICP, Microwave (%)	2089	0.3800	0.0200	0.3267	0.0330	0.0072	17	1.62	8%	0
036.43	Sulfur, ICP, Microwave (%)	0038	0.3485	0.0470	0.3267	0.0330	0.0072	17	0.66	3%	1
036.52	Sulfur, ICP-MS, Open vessel (%)	0186	0.3324	0.0059				1			0
036.99	Sulfur, Miscellaneous (%)	0889	0.1950	0.0000				2			0
036.99	Sulfur, Miscellaneous (%)	0242	0.2600	0.0000				2			0
037.31	Zinc, AAS, Dry ash (ppm)	0536	82.56	2.620	117.5	9.333	2.100	9	-3.75	15%	0
037.31	Zinc, AAS, Dry ash (ppm)	2188	109.1	0.3200	117.5	9.333	2.100	9	-0.91	4%	0
037.31	Zinc, AAS, Dry ash (ppm)	0529	113.7	1.400	117.5	9.333	2.100	9	-0.41	2%	0
037.31	Zinc, AAS, Dry ash (ppm)	0939	117.0	6.160	117.5	9.333	2.100	9	-0.06	0%	0
037.31	Zinc, AAS, Dry ash (ppm)	2196	117.5	0.0000	117.5	9.333	2.100	9	-0.01	0%	0
037.31	Zinc, AAS, Dry ash (ppm)	0563	118.6	4.845	117.5	9.333	2.100	9	0.11	0%	0
037.31	Zinc, AAS, Dry ash (ppm)	0651	122.9	0.6420	117.5	9.333	2.100	9	0.57	2%	0
037.31	Zinc, AAS, Dry ash (ppm)	0001	124.7	0.3000	117.5	9.333	2.100	9	0.76	3%	0
037.31	Zinc, AAS, Dry ash (ppm)	0622	130.9	1.014	117.5	9.333	2.100	9	1.43	6%	0
037.32	Zinc, AAS, Open vessel (ppm)	0038	124.5	1.000				1			0
037.33	Zinc, AAS, Microwave (ppm)	0948	119.1	3.180				1			0
037.34	Zinc, AAS, Dry ash (ppm)	2325	129.0	0.2400				1			0
037.41	Zinc, ICP, Dry ash (ppm)	0848	99.37	4.401	120.9	9.447	3.843	17	-2.28	9%	0
037.41	Zinc, ICP, Dry ash (ppm)	0358	109.0	4.280	120.9	9.447	3.843	17	-1.26	5%	0
037.41	Zinc, ICP, Dry ash (ppm)	0019	111.3	3.400	120.9	9.447	3.843	17	-1.01	4%	0
037.41	Zinc, ICP, Dry ash (ppm)	0520	113.2	0.0570	120.9	9.447	3.843	17	-0.82	3%	0
037.41	Zinc, ICP, Dry ash (ppm)	0407	115.1	0.8844	120.9	9.447	3.843	17	-0.61	2%	0
037.41	Zinc, ICP, Dry ash (ppm)	0598	115.4	1.039	120.9	9.447	3.843	17	-0.58	2%	0
037.41	Zinc, ICP, Dry ash (ppm)	0171	115.5	1.000	120.9	9.447	3.843	17	-0.57	2%	0
037.41	Zinc, ICP, Dry ash (ppm)	0910	117.5	1.000	120.9	9.447	3.843	17	-0.36	1%	0
037.41	Zinc, ICP, Dry ash (ppm)	0049	124.3	6.630	120.9	9.447	3.843	17	0.36	1%	0
037.41	Zinc, ICP, Dry ash (ppm)	0098	125.8	0.1000	120.9	9.447	3.843	17	0.51	2%	0
037.41	Zinc, ICP, Dry ash (ppm)	0619	126.5	3.000	120.9	9.447	3.843	17	0.59	2%	0
037.41	Zinc, ICP, Dry ash (ppm)	0226	126.7	1.730	120.9	9.447	3.843	17	0.62	2%	0
037.41	Zinc, ICP, Dry ash (ppm)	0674	127.6	0.0000	120.9	9.447	3.843	17	0.71	3%	0
037.41	Zinc, ICP, Dry ash (ppm)	0148	127.8	10.35	120.9	9.447	3.843	17	0.73	3%	0
037.41	Zinc, ICP, Dry ash (ppm)	0229	127.9	13.00	120.9	9.447	3.843	17	0.74	3%	0
037.41	Zinc, ICP, Dry ash (ppm)	0074	131.5	11.00	120.9	9.447	3.843	17	1.12	4%	0
037.41	Zinc, ICP, Dry ash (ppm)	0004	133.5	4.780	120.9	9.447	3.843	17	1.33	5%	0
037.42	Zinc, ICP, Open vessel (ppm)	0870	97.75	6.900	118.8	9.261	7.146	19	-2.27	9%	0
037.42	Zinc, ICP, Open vessel (ppm)	0009	99.50	19.00	118.8	9.261	7.146	19	-2.08	8%	0
037.42	Zinc, ICP, Open vessel (ppm)	0366	106.0	8.000	118.8	9.261	7.146	19	-1.38	5%	0
037.42	Zinc, ICP, Open vessel (ppm)	2129	109.3	6.700	118.8	9.261	7.146	19	-1.03	4%	0
037.42	Zinc, ICP, Open vessel (ppm)	0357	115.8	2.698	118.8	9.261	7.146	19	-0.32	1%	0
037.42	Zinc, ICP, Open vessel (ppm)	0278	116.0	10.00	118.8	9.261	7.146	19	-0.30	1%	0
037.42	Zinc, ICP, Open vessel (ppm)	0263	116.1	0.9830	118.8	9.261	7.146	19	-0.29	1%	0

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			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
037.42	Zinc, ICP, Open vessel (ppm)	0186	116.9	8.410	118.8	9.261	7.146	19	-0.20	1%	0
037.42	Zinc, ICP, Open vessel (ppm)	0413	118.1	0.3300	118.8	9.261	7.146	19	-0.07	0%	0
037.42	Zinc, ICP, Open vessel (ppm)	0045	118.5	9.000	118.8	9.261	7.146	19	-0.03	0%	0
037.42	Zinc, ICP, Open vessel (ppm)	2433	121.1	4.769	118.8	9.261	7.146	19	0.25	1%	0
037.42	Zinc, ICP, Open vessel (ppm)	2319	122.0	12.00	118.8	9.261	7.146	19	0.35	1%	0
037.42	Zinc, ICP, Open vessel (ppm)	0202	123.0	6.000	118.8	9.261	7.146	19	0.46	2%	0
037.42	Zinc, ICP, Open vessel (ppm)	0504	123.0	30.00	118.8	9.261	7.146	19	0.46	2%	0
037.42	Zinc, ICP, Open vessel (ppm)	0294	125.1	7.380	118.8	9.261	7.146	19	0.69	3%	0
037.42	Zinc, ICP, Open vessel (ppm)	0190	126.3	0.7500	118.8	9.261	7.146	19	0.82	3%	0
037.42	Zinc, ICP, Open vessel (ppm)	0693	126.8	1.688	118.8	9.261	7.146	19	0.87	3%	0
037.42	Zinc, ICP, Open vessel (ppm)	0692	130.0	18.00	118.8	9.261	7.146	19	1.21	5%	0
037.42	Zinc, ICP, Open vessel (ppm)	0042	133.5	3.000	118.8	9.261	7.146	19	1.59	6%	0
037.43	Zinc, ICP, Microwave (ppm)	0510	96.00	2.000	119.7	13.15	3.160	23	-1.80	10%	0
037.43	Zinc, ICP, Microwave (ppm)	0870	100.4	3.300	119.7	13.15	3.160	23	-1.47	8%	0
037.43	Zinc, ICP, Microwave (ppm)	0511	104.5	5.000	119.7	13.15	3.160	23	-1.16	6%	0
037.43	Zinc, ICP, Microwave (ppm)	2089	109.5	8.470	119.7	13.15	3.160	23	-0.78	4%	0
037.43	Zinc, ICP, Microwave (ppm)	0001	109.5	1.000	119.7	13.15	3.160	23	-0.78	4%	0
037.43	Zinc, ICP, Microwave (ppm)	0010	109.9	3.200	119.7	13.15	3.160	23	-0.75	4%	0
037.43	Zinc, ICP, Microwave (ppm)	0169	112.5	1.000	119.7	13.15	3.160	23	-0.55	3%	0
037.43	Zinc, ICP, Microwave (ppm)	0682	115.1	0.0000	119.7	13.15	3.160	23	-0.36	2%	0
037.43	Zinc, ICP, Microwave (ppm)	0345	116.3	1.830	119.7	13.15	3.160	23	-0.26	1%	0
037.43	Zinc, ICP, Microwave (ppm)	0083	116.6	1.200	119.7	13.15	3.160	23	-0.24	1%	0
037.43	Zinc, ICP, Microwave (ppm)	0226	117.4	0.7800	119.7	13.15	3.160	23	-0.17	1%	0
037.43	Zinc, ICP, Microwave (ppm)	0848	118.0	3.135	119.7	13.15	3.160	23	-0.13	1%	0
037.43	Zinc, ICP, Microwave (ppm)	2192	118.5	5.000	119.7	13.15	3.160	23	-0.09	1%	0
037.43	Zinc, ICP, Microwave (ppm)	0407	118.6	5.228	119.7	13.15	3.160	23	-0.08	0%	0
037.43	Zinc, ICP, Microwave (ppm)	0098	126.5	7.300	119.7	13.15	3.160	23	0.51	3%	0
037.43	Zinc, ICP, Microwave (ppm)	0035	126.5	1.000	119.7	13.15	3.160	23	0.51	3%	0
037.43	Zinc, ICP, Microwave (ppm)	0027	126.6	0.3890	119.7	13.15	3.160	23	0.52	3%	0
037.43	Zinc, ICP, Microwave (ppm)	0675	130.0	0.7100	119.7	13.15	3.160	23	0.78	4%	0
037.43	Zinc, ICP, Microwave (ppm)	0505	130.4	3.000	119.7	13.15	3.160	23	0.81	4%	0
037.43	Zinc, ICP, Microwave (ppm)	0354	133.7	1.200	119.7	13.15	3.160	23	1.06	6%	0
037.43	Zinc, ICP, Microwave (ppm)	2326	134.5	1.000	119.7	13.15	3.160	23	1.12	6%	0
037.43	Zinc, ICP, Microwave (ppm)	0038	146.5	23.00	119.7	13.15	3.160	23	2.03	11%	0
037.43	Zinc, ICP, Microwave (ppm)	0353	149.0	11.04	119.7	13.15	3.160	23	2.22	12%	0
037.43	Zinc, ICP, Microwave (ppm)	0033	118.5	27.00	119.7	13.15	3.160	23	-0.09	1%	1
037.44	Zinc, ICP, Dry ash (ppm)	0066	91.31	2.650				3			0
037.44	Zinc, ICP, Dry ash (ppm)	2114	118.5	0.1000				3			0
037.44	Zinc, ICP, Dry ash (ppm)	0164	119.0	0.0000				3			0
037.52	Zinc, ICP-MS, Open vessel (ppm)	0047	99.42	1.410				2			0
037.52	Zinc, ICP-MS, Open vessel (ppm)	0186	130.1	5.840				2			0
037.53	Zinc, ICP-MS, Microwave (ppm)	0939	107.5	3.000	114.4	6.413	6.278	5			0

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			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs			
037.53	Zinc, ICP-MS, Microwave (ppm)	0407	110.1	5.813	114.4	6.413	6.278	5		0	
037.53	Zinc, ICP-MS, Microwave (ppm)	0941	112.0	0.0000	114.4	6.413	6.278	5		0	
037.53	Zinc, ICP-MS, Microwave (ppm)	0033	120.0	4.000	114.4	6.413	6.278	5		0	
037.53	Zinc, ICP-MS, Microwave (ppm)	0638	122.3	12.30	114.4	6.413	6.278	5		0	
037.99	Zinc, Miscellaneous (ppm)	0242	108.5	1.000				3		0	
037.99	Zinc, Miscellaneous (ppm)	0100	118.5	1.000				3		0	
037.99	Zinc, Miscellaneous (ppm)	0889	251.2	4.000				3		0	
038.41	Molybdenum, ICP, Dry ash (ppm)	0407	1.040	0.0015				3		0	
038.41	Molybdenum, ICP, Dry ash (ppm)	0171	1.270	0.3400				3		0	
038.41	Molybdenum, ICP, Dry ash (ppm)	0226	1.305	0.0500				3		0	
038.41	Molybdenum, ICP, Dry ash (ppm)	0148	< 2.2					3		5	
038.42	Molybdenum, ICP, Open vessel (ppm)	0045	1.110	0.1000	1.249	0.1147	0.1208	6	-1.21	6%	0
038.42	Molybdenum, ICP, Open vessel (ppm)	0693	1.146	0.2050	1.249	0.1147	0.1208	6	-0.90	4%	0
038.42	Molybdenum, ICP, Open vessel (ppm)	0202	1.260	0.1400	1.249	0.1147	0.1208	6	0.09	0%	0
038.42	Molybdenum, ICP, Open vessel (ppm)	0366	1.300	0.2000	1.249	0.1147	0.1208	6	0.44	2%	0
038.42	Molybdenum, ICP, Open vessel (ppm)	0278	1.310	0.0200	1.249	0.1147	0.1208	6	0.53	2%	0
038.42	Molybdenum, ICP, Open vessel (ppm)	0692	1.370	0.0600	1.249	0.1147	0.1208	6	1.05	5%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0353	0.5064	0.0544	1.035	0.4560	0.0890	7	-1.16	26%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0038	0.6020	0.1620	1.035	0.4560	0.0890	7	-0.95	21%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0345	1.025	0.0300	1.035	0.4560	0.0890	7	-0.02	0%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0083	1.090	0.1000	1.035	0.4560	0.0890	7	0.12	3%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0407	1.104	0.0569	1.035	0.4560	0.0890	7	0.15	3%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0510	1.200	0.2000	1.035	0.4560	0.0890	7	0.36	8%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0169	1.760	0.0200	1.035	0.4560	0.0890	7	1.59	35%	0
038.52	Molybdenum, ICP-MS, Open vessel (ppm)	0186	1.014	0.0530				3		0	
038.52	Molybdenum, ICP-MS, Open vessel (ppm)	0047	1.030	0.0200				3		0	
038.52	Molybdenum, ICP-MS, Open vessel (ppm)	0910	1.065	0.0300				3		0	
038.53	Molybdenum, ICP-MS, Microwave (ppm)	0033	1.062	0.0360	1.123	0.0496	0.0439	5		0	
038.53	Molybdenum, ICP-MS, Microwave (ppm)	0941	1.090	0.0000	1.123	0.0496	0.0439	5		0	
038.53	Molybdenum, ICP-MS, Microwave (ppm)	0407	1.128	0.0024	1.123	0.0496	0.0439	5		0	
038.53	Molybdenum, ICP-MS, Microwave (ppm)	0638	1.146	0.0370	1.123	0.0496	0.0439	5		0	
038.53	Molybdenum, ICP-MS, Microwave (ppm)	0164	1.190	0.1000	1.123	0.0496	0.0439	5		0	
040.53	Barium, ICP-MS, Microwave (ppm)	0638	6.585	0.0900				2		0	
040.53	Barium, ICP-MS, Microwave (ppm)	0407	6.816	0.0061				2		0	
041.53	Vanadium, ICP-MS, Microwave (ppm)	0638	0.1610	0.0200				2		0	
041.53	Vanadium, ICP-MS, Microwave (ppm)	0407	0.1690	0.0189				2		0	
042.00	Chloride, Titrimetric (%)	0226	0.2900	0.0000	0.3683	0.0814	0.0200	6	-0.96	11%	0
042.00	Chloride, Titrimetric (%)	0948	0.2950	0.0100	0.3683	0.0814	0.0200	6	-0.90	10%	0
042.00	Chloride, Titrimetric (%)	2326	0.3550	0.0100	0.3683	0.0814	0.0200	6	-0.16	2%	0
042.00	Chloride, Titrimetric (%)	2392	0.3750	0.0300	0.3683	0.0814	0.0200	6	0.08	1%	0
042.00	Chloride, Titrimetric (%)	2199	0.4200	0.0200	0.3683	0.0814	0.0200	6	0.63	7%	0
042.00	Chloride, Titrimetric (%)	2200	0.4750	0.0300	0.3683	0.0814	0.0200	6	1.31	14%	0

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			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs			
042.01	Chloride, Ion-selective electrode (%)	2433	0.3041	0.0001				1		0	
042.99	Chloride, Miscellaneous (%)	0941	0.3060	0.0000				1		0	
101.99	Choline Chloride, Miscellaneous (ppm)	0227	145.0	12.00				1		0	
102.01	Niacin, Microbiological (ppm)	0227	60.10	1.600				1		0	
102.02	Niacin, LC (ppm)	2319	26.05	2.300				1		0	
103.01	Pantothenic Acid, Microbiological (ppm)	0227	16.70	1.200				1		0	
104.00	Riboflavin, Fluorometric (ppm)	0227	4.615	0.2500				1		0	
104.03	Riboflavin, LC (ppm)	2319	3.580	0.1800				1		0	
105.00	Thiamine, LC (ppm)	2319	1.875	0.2300				1		0	
105.01	Thiamine, Fluorometer (ppm)	0227	4.500	0.1600				1		0	
106.00	Vitamin A, Color (KU / kg)	0227	0.9195	0.0650				1		0	
106.01	Vitamin A, UV (KU / kg)	0098	1.470	0.5600				1		0	
106.02	Vitamin A, LC (KU / kg)	0921	1.030	0.0000				2		0	
106.02	Vitamin A, LC (KU / kg)	0563	1.195	0.1613				2		0	
106.02	Vitamin A, LC (KU / kg)	2319	< 2					2		5	
106.02	Vitamin A, LC (KU / kg)	0148	< 1680					2		5	
107.00	Vitamin B12, Microbiological (ppb)	0227	5.460	0.3200				1		0	
108.02	Vitamin D3, LC (KU / kg)	0227	0.4560	0.0440				2		0	
108.02	Vitamin D3, LC (KU / kg)	0148	0.4630	0.1000				2		0	
108.02	Vitamin D3, LC (KU / kg)	2319	< 0.5					2		5	
109.02	Vitamin E, LC (IU / kg)	2188	15.13	0.2800	24.61	6.609	0.8802	4		0	
109.02	Vitamin E, LC (IU / kg)	2319	25.15	1.500	24.61	6.609	0.8802	4		0	
109.02	Vitamin E, LC (IU / kg)	0227	28.40	0.8000	24.61	6.609	0.8802	4		0	
109.02	Vitamin E, LC (IU / kg)	0563	29.76	0.9406	24.61	6.609	0.8802	4		0	
109.02	Vitamin E, LC (IU / kg)	0148	< 29		24.61	6.609	0.8802	4		5	
109.02	Vitamin E, LC (IU / kg)	0098	< 40		24.61	6.609	0.8802	4		5	
111.00	Vitamin C, Phosphorylated, LC (ppm)	0227	< 4.4					0		5	
112.01	Pyridoxine, LC (µg / g)	2319	1.575	0.2500				2		0	
112.01	Pyridoxine, LC (µg / g)	0227	3.870	0.2800				2		0	
113.01	Folic Acid, Micro (ppm)	0227	0.8205	0.0290				1		0	
113.02	Folic acid, LC (ppm)	2319	< 0.15					0		5	
114.01	Biotin, Microbiological (ppm)	0227	0.1635	0.0090				1		0	
114.99	Biotin, Miscellaneous (ppm)	0227	0.1210	0.0100				1		0	
115.00	Non Protein N (NPN), Urea + Am, Urease meth	0407	0.1533	0.0006				1		0	
120.00	Alanine, Post-col Ninhydrin Der (%)	0353	0.6350	0.0100	0.7106	0.0157	0.0108	13	-4.82	5% 0	
120.00	Alanine, Post-col Ninhydrin Der (%)	0941	0.6940	0.0000	0.7106	0.0157	0.0108	13	-1.06	1% 0	
120.00	Alanine, Post-col Ninhydrin Der (%)	0675	0.6950	0.0100	0.7106	0.0157	0.0108	13	-1.00	1% 0	
120.00	Alanine, Post-col Ninhydrin Der (%)	0644	0.7030	0.0020	0.7106	0.0157	0.0108	13	-0.49	1% 0	
120.00	Alanine, Post-col Ninhydrin Der (%)	0504	0.7100	0.0000	0.7106	0.0157	0.0108	13	-0.04	0% 0	
120.00	Alanine, Post-col Ninhydrin Der (%)	0910	0.7100	0.0200	0.7106	0.0157	0.0108	13	-0.04	0% 0	
120.00	Alanine, Post-col Ninhydrin Der (%)	0939	0.7100	0.0000	0.7106	0.0157	0.0108	13	-0.04	0% 0	
120.00	Alanine, Post-col Ninhydrin Der (%)	0859	0.7109	0.0211	0.7106	0.0157	0.0108	13	0.01	0% 0	

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
120.00	Alanine, Post-col Ninhydrin Der (%)	2022	0.7150	0.0100	0.7106	0.0157	0.0108	13	0.28	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	2059	0.7160	0.0040	0.7106	0.0157	0.0108	13	0.34	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0571	0.7210	0.0060	0.7106	0.0157	0.0108	13	0.66	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0354	0.7320	0.0140	0.7106	0.0157	0.0108	13	1.36	2%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0682	0.7510	0.0000	0.7106	0.0157	0.0108	13	2.57	3%	0
120.05	Alanine, Pre-col AQC Der (%)	2188	0.4030	0.0000	0.6646	0.1033	0.0292	7	-2.53	20%	0
120.05	Alanine, Pre-col AQC Der (%)	2246	0.5681	0.0393	0.6646	0.1033	0.0292	7	-0.93	7%	0
120.05	Alanine, Pre-col AQC Der (%)	2319	0.6850	0.0100	0.6646	0.1033	0.0292	7	0.20	2%	0
120.05	Alanine, Pre-col AQC Der (%)	2196	0.6940	0.0000	0.6646	0.1033	0.0292	7	0.28	2%	0
120.05	Alanine, Pre-col AQC Der (%)	0870	0.7005	0.0290	0.6646	0.1033	0.0292	7	0.35	3%	0
120.05	Alanine, Pre-col AQC Der (%)	0148	0.7395	0.0310	0.6646	0.1033	0.0292	7	0.72	6%	0
120.05	Alanine, Pre-col AQC Der (%)	0407	0.7558	0.0365	0.6646	0.1033	0.0292	7	0.88	7%	0
120.99	Alanine, Miscellaneous (%)	0227	0.7000	0.0000				3			0
120.99	Alanine, Miscellaneous (%)	0889	0.7150	0.0200				3			0
120.99	Alanine, Miscellaneous (%)	2146	0.7250	0.0500				3			0
121.00	Arginine, Post-col Ninhydrin Der (%)	0353	0.8250	0.0100	0.9095	0.0325	0.0132	13	-2.60	5%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0675	0.8750	0.0100	0.9095	0.0325	0.0132	13	-1.06	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	2022	0.8800	0.0000	0.9095	0.0325	0.0132	13	-0.91	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0859	0.8912	0.0235	0.9095	0.0325	0.0132	13	-0.57	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0939	0.8950	0.0300	0.9095	0.0325	0.0132	13	-0.45	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0941	0.8980	0.0000	0.9095	0.0325	0.0132	13	-0.35	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0504	0.9100	0.0000	0.9095	0.0325	0.0132	13	0.02	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0910	0.9150	0.0100	0.9095	0.0325	0.0132	13	0.17	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0354	0.9330	0.0200	0.9095	0.0325	0.0132	13	0.72	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0571	0.9350	0.0120	0.9095	0.0325	0.0132	13	0.79	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0644	0.9415	0.0030	0.9095	0.0325	0.0132	13	0.99	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	2059	0.9420	0.0020	0.9095	0.0325	0.0132	13	1.00	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0682	0.9470	0.0000	0.9095	0.0325	0.0132	13	1.16	2%	0
121.05	Arginine, Pre-col AQC Der (%)	2246	0.8863	0.0359	0.9338	0.0453	0.0229	7	-1.05	3%	0
121.05	Arginine, Pre-col AQC Der (%)	2196	0.8900	0.0000	0.9338	0.0453	0.0229	7	-0.97	2%	0
121.05	Arginine, Pre-col AQC Der (%)	0870	0.9125	0.0130	0.9338	0.0453	0.0229	7	-0.47	1%	0
121.05	Arginine, Pre-col AQC Der (%)	2319	0.9350	0.0100	0.9338	0.0453	0.0229	7	0.03	0%	0
121.05	Arginine, Pre-col AQC Der (%)	2188	0.9588	0.0000	0.9338	0.0453	0.0229	7	0.55	1%	0
121.05	Arginine, Pre-col AQC Der (%)	0148	0.9605	0.0130	0.9338	0.0453	0.0229	7	0.59	1%	0
121.05	Arginine, Pre-col AQC Der (%)	0407	0.9938	0.0425	0.9338	0.0453	0.0229	7	1.32	3%	0
121.99	Arginine, Miscellaneous (%)	0889	0.7650	0.0000				3			0
121.99	Arginine, Miscellaneous (%)	0227	0.8900	0.0200				3			0
121.99	Arginine, Miscellaneous (%)	2146	0.8900	0.0400				3			0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0353	1.145	0.0100	1.269	0.0447	0.0105	13	-2.77	5%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0675	1.205	0.0100	1.269	0.0447	0.0105	13	-1.42	3%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0644	1.233	0.0030	1.269	0.0447	0.0105	13	-0.81	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0941	1.243	0.0000	1.269	0.0447	0.0105	13	-0.57	1%	0

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			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
122.00	Aspartic, Post-col Ninhydrin Der (%)	0859	1.264	0.0311	1.269	0.0447	0.0105	13	-0.10	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0910	1.275	0.0100	1.269	0.0447	0.0105	13	0.14	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0939	1.275	0.0100	1.269	0.0447	0.0105	13	0.14	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	2059	1.277	0.0060	1.269	0.0447	0.0105	13	0.19	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0504	1.280	0.0000	1.269	0.0447	0.0105	13	0.25	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0571	1.291	0.0150	1.269	0.0447	0.0105	13	0.49	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0354	1.302	0.0130	1.269	0.0447	0.0105	13	0.73	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0682	1.312	0.0000	1.269	0.0447	0.0105	13	0.97	2%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	2022	1.335	0.0100	1.269	0.0447	0.0105	13	1.48	3%	0
122.05	Aspartic, Pre-col AQC Der (%)	2246	1.050	0.1552	1.265	0.0645	0.0715	7	-3.33	8%	0
122.05	Aspartic, Pre-col AQC Der (%)	0870	1.239	0.0260	1.265	0.0645	0.0715	7	-0.41	1%	0
122.05	Aspartic, Pre-col AQC Der (%)	2196	1.248	0.0000	1.265	0.0645	0.0715	7	-0.27	1%	0
122.05	Aspartic, Pre-col AQC Der (%)	2188	1.260	0.0000	1.265	0.0645	0.0715	7	-0.09	0%	0
122.05	Aspartic, Pre-col AQC Der (%)	2319	1.285	0.0100	1.265	0.0645	0.0715	7	0.31	1%	0
122.05	Aspartic, Pre-col AQC Der (%)	0148	1.310	0.1000	1.265	0.0645	0.0715	7	0.69	2%	0
122.05	Aspartic, Pre-col AQC Der (%)	0407	1.347	0.0665	1.265	0.0645	0.0715	7	1.26	3%	0
122.99	Aspartic, Miscellaneous (%)	0889	1.240	0.0000				3			0
122.99	Aspartic, Miscellaneous (%)	0227	1.260	0.0200				3			0
122.99	Aspartic, Miscellaneous (%)	2146	1.315	0.0700				3			0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0682	0.1770	0.0000	0.2713	0.0257	0.0067	13	-3.68	17%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0353	0.2350	0.0100	0.2713	0.0257	0.0067	13	-1.42	7%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0941	0.2540	0.0000	0.2713	0.0257	0.0067	13	-0.67	3%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0675	0.2550	0.0100	0.2713	0.0257	0.0067	13	-0.64	3%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	2022	0.2700	0.0000	0.2713	0.0257	0.0067	13	-0.05	0%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0571	0.2720	0.0020	0.2713	0.0257	0.0067	13	0.03	0%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0644	0.2745	0.0050	0.2713	0.0257	0.0067	13	0.12	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0939	0.2750	0.0100	0.2713	0.0257	0.0067	13	0.14	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	2059	0.2755	0.0030	0.2713	0.0257	0.0067	13	0.16	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0859	0.2838	0.0060	0.2713	0.0257	0.0067	13	0.49	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0504	0.2950	0.0100	0.2713	0.0257	0.0067	13	0.92	4%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0910	0.2950	0.0100	0.2713	0.0257	0.0067	13	0.92	4%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0354	0.3095	0.0010	0.2713	0.0257	0.0067	13	1.49	7%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0870	0.2065	0.0070	0.2616	0.0364	0.0103	7	-1.51	11%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	2246	0.2276	0.0178	0.2616	0.0364	0.0103	7	-0.93	7%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	2188	0.2685	0.0000	0.2616	0.0364	0.0103	7	0.19	1%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	2319	0.2700	0.0000	0.2616	0.0364	0.0103	7	0.23	2%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	2196	0.2770	0.0000	0.2616	0.0364	0.0103	7	0.42	3%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0148	0.2880	0.0140	0.2616	0.0364	0.0103	7	0.72	5%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0407	0.2932	0.0022	0.2616	0.0364	0.0103	7	0.87	6%	0
124.99	Cysteine/Cystine, Miscellaneous (%)	0227	0.2600	0.0000	0.3109	0.0498	0.0124	4			0
124.99	Cysteine/Cystine, Miscellaneous (%)	0889	0.2800	0.0000	0.3109	0.0498	0.0124	4			0
124.99	Cysteine/Cystine, Miscellaneous (%)	2146	0.3350	0.0100	0.3109	0.0498	0.0124	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			
124.99	Cysteine/Cystine, Miscellaneous (%)	2246	0.3686	0.0147	0.3109	0.0498	0.0124	4			0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0675	2.865	0.0100	2.974	0.0775	0.0201	13	-1.41	2%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0571	2.891	0.0230	2.974	0.0775	0.0201	13	-1.08	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0941	2.905	0.0000	2.974	0.0775	0.0201	13	-0.89	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0353	2.925	0.0100	2.974	0.0775	0.0201	13	-0.64	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0859	2.954	0.0725	2.974	0.0775	0.0201	13	-0.26	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0910	2.965	0.0300	2.974	0.0775	0.0201	13	-0.12	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0644	2.966	0.0080	2.974	0.0775	0.0201	13	-0.11	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	2059	2.981	0.0170	2.974	0.0775	0.0201	13	0.08	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0939	2.985	0.0100	2.974	0.0775	0.0201	13	0.14	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0354	3.044	0.0400	2.974	0.0775	0.0201	13	0.90	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	2022	3.045	0.0100	2.974	0.0775	0.0201	13	0.91	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0504	3.050	0.0000	2.974	0.0775	0.0201	13	0.98	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0682	3.191	0.0000	2.974	0.0775	0.0201	13	2.80	4%	0
125.05	Glutamic, Pre-col AQC Der (%)	2246	2.746	0.3376	2.992	0.1535	0.1323	7	-1.61	4%	0
125.05	Glutamic, Pre-col AQC Der (%)	2196	2.904	0.0000	2.992	0.1535	0.1323	7	-0.58	1%	0
125.05	Glutamic, Pre-col AQC Der (%)	2319	2.995	0.0100	2.992	0.1535	0.1323	7	0.02	0%	0
125.05	Glutamic, Pre-col AQC Der (%)	0407	3.006	0.1480	2.992	0.1535	0.1323	7	0.09	0%	0
125.05	Glutamic, Pre-col AQC Der (%)	2188	3.019	0.0000	2.992	0.1535	0.1323	7	0.17	0%	0
125.05	Glutamic, Pre-col AQC Der (%)	0870	3.038	0.0360	2.992	0.1535	0.1323	7	0.30	1%	0
125.05	Glutamic, Pre-col AQC Der (%)	0148	3.575	0.1300	2.992	0.1535	0.1323	7	3.80	10%	0
125.99	Glutamic, Miscellaneous (%)	0889	2.670	0.0100				3			0
125.99	Glutamic, Miscellaneous (%)	2146	2.745	0.1700				3			0
125.99	Glutamic, Miscellaneous (%)	0227	2.990	0.0400				3			0
126.00	Glycine, Post-col Ninhydrin Der (%)	0859	0.5056	0.0151	0.6438	0.0193	0.0093	13	-7.16	11%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0353	0.5850	0.0100	0.6438	0.0193	0.0093	13	-3.04	5%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0675	0.6250	0.0100	0.6438	0.0193	0.0093	13	-0.97	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0941	0.6370	0.0000	0.6438	0.0193	0.0093	13	-0.35	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0939	0.6400	0.0200	0.6438	0.0193	0.0093	13	-0.20	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0644	0.6405	0.0010	0.6438	0.0193	0.0093	13	-0.17	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0910	0.6500	0.0000	0.6438	0.0193	0.0093	13	0.32	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	2022	0.6500	0.0000	0.6438	0.0193	0.0093	13	0.32	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0571	0.6535	0.0070	0.6438	0.0193	0.0093	13	0.50	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	2059	0.6570	0.0020	0.6438	0.0193	0.0093	13	0.68	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0504	0.6600	0.0000	0.6438	0.0193	0.0093	13	0.84	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0682	0.6610	0.0000	0.6438	0.0193	0.0093	13	0.89	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0354	0.6655	0.0090	0.6438	0.0193	0.0093	13	1.12	2%	0
126.05	Glycine, Pre-col AQC Der (%)	0407	0.6143	0.0275	0.6577	0.0424	0.0203	7	-1.03	3%	0
126.05	Glycine, Pre-col AQC Der (%)	2188	0.6175	0.0000	0.6577	0.0424	0.0203	7	-0.95	3%	0
126.05	Glycine, Pre-col AQC Der (%)	2196	0.6400	0.0000	0.6577	0.0424	0.0203	7	-0.42	1%	0
126.05	Glycine, Pre-col AQC Der (%)	2319	0.6650	0.0100	0.6577	0.0424	0.0203	7	0.17	1%	0
126.05	Glycine, Pre-col AQC Der (%)	0870	0.6725	0.0070	0.6577	0.0424	0.0203	7	0.35	1%	0



Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
126.05	Glycine, Pre-col AQC Der (%)	2246	0.6734	0.0378	0.6577	0.0424	0.0203	7	0.37	1%	0
126.05	Glycine, Pre-col AQC Der (%)	0148	0.7715	0.0190	0.6577	0.0424	0.0203	7	2.69	9%	0
126.99	Glycine, Miscellaneous (%)	0889	0.3650	0.0000				3			0
126.99	Glycine, Miscellaneous (%)	2146	0.6450	0.0300				3			0
126.99	Glycine, Miscellaneous (%)	0227	0.6500	0.0000				3			0
127.00	Histidine, Post-col Ninhydrin Der (%)	0353	0.3450	0.0100	0.3866	0.0119	0.0087	13	-3.49	5%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0675	0.3750	0.0100	0.3866	0.0119	0.0087	13	-0.97	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0859	0.3755	0.0064	0.3866	0.0119	0.0087	13	-0.93	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0644	0.3785	0.0010	0.3866	0.0119	0.0087	13	-0.68	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0941	0.3820	0.0000	0.3866	0.0119	0.0087	13	-0.39	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0571	0.3850	0.0040	0.3866	0.0119	0.0087	13	-0.13	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0354	0.3890	0.0060	0.3866	0.0119	0.0087	13	0.20	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0910	0.3900	0.0200	0.3866	0.0119	0.0087	13	0.29	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0939	0.3900	0.0200	0.3866	0.0119	0.0087	13	0.29	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	2022	0.3900	0.0000	0.3866	0.0119	0.0087	13	0.29	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	2059	0.3975	0.0010	0.3866	0.0119	0.0087	13	0.92	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0504	0.4000	0.0000	0.3866	0.0119	0.0087	13	1.12	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0682	0.4290	0.0000	0.3866	0.0119	0.0087	13	3.56	5%	0
127.05	Histidine, Pre-col AQC Der (%)	2319	0.3500	0.0200	0.3900	0.0337	0.0207	7	-1.19	5%	0
127.05	Histidine, Pre-col AQC Der (%)	0407	0.3628	0.0145	0.3900	0.0337	0.0207	7	-0.81	3%	0
127.05	Histidine, Pre-col AQC Der (%)	2188	0.3666	0.0000	0.3900	0.0337	0.0207	7	-0.70	3%	0
127.05	Histidine, Pre-col AQC Der (%)	0870	0.4045	0.0190	0.3900	0.0337	0.0207	7	0.43	2%	0
127.05	Histidine, Pre-col AQC Der (%)	2196	0.4080	0.0000	0.3900	0.0337	0.0207	7	0.53	2%	0
127.05	Histidine, Pre-col AQC Der (%)	0148	0.4100	0.0120	0.3900	0.0337	0.0207	7	0.59	3%	0
127.05	Histidine, Pre-col AQC Der (%)	2246	0.4283	0.0382	0.3900	0.0337	0.0207	7	1.14	5%	0
127.99	Histidine, Miscellaneous (%)	0889	0.3650	0.0000				3			0
127.99	Histidine, Miscellaneous (%)	0227	0.3800	0.0000				3			0
127.99	Histidine, Miscellaneous (%)	2146	0.4100	0.0200				3			0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0353	0.4850	0.0100	0.5636	0.0330	0.0115	13	-2.39	7%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0939	0.5100	0.0200	0.5636	0.0330	0.0115	13	-1.63	5%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0354	0.5530	0.0080	0.5636	0.0330	0.0115	13	-0.32	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0644	0.5535	0.0010	0.5636	0.0330	0.0115	13	-0.31	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0675	0.5550	0.0100	0.5636	0.0330	0.0115	13	-0.26	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	2022	0.5600	0.0000	0.5636	0.0330	0.0115	13	-0.11	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0941	0.5630	0.0000	0.5636	0.0330	0.0115	13	-0.02	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0910	0.5650	0.0300	0.5636	0.0330	0.0115	13	0.04	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0859	0.5657	0.0088	0.5636	0.0330	0.0115	13	0.06	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0571	0.5805	0.0110	0.5636	0.0330	0.0115	13	0.51	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	2059	0.5840	0.0120	0.5636	0.0330	0.0115	13	0.62	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0682	0.6060	0.0000	0.5636	0.0330	0.0115	13	1.29	4%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0504	0.6300	0.0000	0.5636	0.0330	0.0115	13	2.01	6%	0
128.05	Isoleucine, Pre-col AQC Der (%)	2319	0.4750	0.0100	0.5571	0.0410	0.0210	7	-2.00	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	
128.05	Isoleucine, Pre-col AQC Der (%)	2188	0.5275	0.0000	0.5571	0.0410	0.0210	7	-0.72	3%	0
128.05	Isoleucine, Pre-col AQC Der (%)	2196	0.5580	0.0000	0.5571	0.0410	0.0210	7	0.02	0%	0
128.05	Isoleucine, Pre-col AQC Der (%)	0870	0.5660	0.0100	0.5571	0.0410	0.0210	7	0.22	1%	0
128.05	Isoleucine, Pre-col AQC Der (%)	2246	0.5693	0.0240	0.5571	0.0410	0.0210	7	0.30	1%	0
128.05	Isoleucine, Pre-col AQC Der (%)	0148	0.5750	0.0340	0.5571	0.0410	0.0210	7	0.44	2%	0
128.05	Isoleucine, Pre-col AQC Der (%)	0407	0.6085	0.0270	0.5571	0.0410	0.0210	7	1.25	5%	0
128.99	Isoleucine, Miscellaneous (%)	0227	0.5750	0.0100				3			0
128.99	Isoleucine, Miscellaneous (%)	0889	0.5825	0.0050				3			0
128.99	Isoleucine, Miscellaneous (%)	2146	0.6100	0.0400				3			0
129.00	Leucine, Post-col Ninhydrin Der (%)	0353	1.045	0.0100	1.152	0.0274	0.0168	13	-3.90	5%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0939	1.115	0.0100	1.152	0.0274	0.0168	13	-1.35	2%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0675	1.125	0.0100	1.152	0.0274	0.0168	13	-0.98	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0644	1.144	0.0060	1.152	0.0274	0.0168	13	-0.29	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0941	1.147	0.0000	1.152	0.0274	0.0168	13	-0.18	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0910	1.150	0.0400	1.152	0.0274	0.0168	13	-0.07	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0859	1.153	0.0342	1.152	0.0274	0.0168	13	0.03	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	2059	1.157	0.0020	1.152	0.0274	0.0168	13	0.18	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0571	1.159	0.0140	1.152	0.0274	0.0168	13	0.26	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0354	1.168	0.0260	1.152	0.0274	0.0168	13	0.58	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0504	1.180	0.0000	1.152	0.0274	0.0168	13	1.02	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	2022	1.180	0.0000	1.152	0.0274	0.0168	13	1.02	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0682	1.187	0.0000	1.152	0.0274	0.0168	13	1.28	2%	0
129.05	Leucine, Pre-col AQC Der (%)	2319	1.055	0.0100	1.148	0.0488	0.0332	7	-1.91	4%	0
129.05	Leucine, Pre-col AQC Der (%)	2196	1.119	0.0000	1.148	0.0488	0.0332	7	-0.60	1%	0
129.05	Leucine, Pre-col AQC Der (%)	2188	1.138	0.0000	1.148	0.0488	0.0332	7	-0.21	0%	0
129.05	Leucine, Pre-col AQC Der (%)	0870	1.153	0.0220	1.148	0.0488	0.0332	7	0.09	0%	0
129.05	Leucine, Pre-col AQC Der (%)	0407	1.163	0.0515	1.148	0.0488	0.0332	7	0.30	1%	0
129.05	Leucine, Pre-col AQC Der (%)	2246	1.185	0.0526	1.148	0.0488	0.0332	7	0.75	2%	0
129.05	Leucine, Pre-col AQC Der (%)	0148	1.205	0.0300	1.148	0.0488	0.0332	7	1.16	2%	0
129.99	Leucine, Miscellaneous (%)	2146	1.165	0.0900				3			0
129.99	Leucine, Miscellaneous (%)	0227	1.170	0.0000				3			0
129.99	Leucine, Miscellaneous (%)	0889	1.388	0.0050				3			0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0848	0.6150	0.0100	0.6808	0.0255	0.0103	14	-2.59	5%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0353	0.6350	0.0100	0.6808	0.0255	0.0103	14	-1.80	3%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0675	0.6650	0.0100	0.6808	0.0255	0.0103	14	-0.62	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0910	0.6700	0.0000	0.6808	0.0255	0.0103	14	-0.43	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0571	0.6735	0.0130	0.6808	0.0255	0.0103	14	-0.29	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0939	0.6750	0.0100	0.6808	0.0255	0.0103	14	-0.23	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0644	0.6785	0.0030	0.6808	0.0255	0.0103	14	-0.09	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0941	0.6790	0.0000	0.6808	0.0255	0.0103	14	-0.07	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0354	0.6885	0.0090	0.6808	0.0255	0.0103	14	0.30	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	2022	0.6900	0.0000	0.6808	0.0255	0.0103	14	0.36	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0859	0.6938	0.0186	0.6808	0.0255	0.0103	14	0.51	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	2059	0.7030	0.0000	0.6808	0.0255	0.0103	14	0.87	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0682	0.7110	0.0000	0.6808	0.0255	0.0103	14	1.19	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0504	0.7400	0.0000	0.6808	0.0255	0.0103	14	2.32	4%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0685	0.7400	0.0600	0.6808	0.0255	0.0103	14	2.32	4%	1
130.05	L-Lysine, Pre-col AQC Der (%)	2246	0.6134	0.0422	0.6962	0.0636	0.0319	7	-1.30	6%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0148	0.6645	0.0270	0.6962	0.0636	0.0319	7	-0.50	2%	0
130.05	L-Lysine, Pre-col AQC Der (%)	2196	0.6810	0.0000	0.6962	0.0636	0.0319	7	-0.24	1%	0
130.05	L-Lysine, Pre-col AQC Der (%)	2188	0.6836	0.0000	0.6962	0.0636	0.0319	7	-0.20	1%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0870	0.6925	0.0350	0.6962	0.0636	0.0319	7	-0.06	0%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0407	0.7683	0.0355	0.6962	0.0636	0.0319	7	1.13	5%	0
130.05	L-Lysine, Pre-col AQC Der (%)	2319	0.7700	0.0200	0.6962	0.0636	0.0319	7	1.16	5%	0
130.99	L-Lysine, Miscellaneous (%)	2146	0.6850	0.0300	0.7882	0.1210	0.0509	4			0
130.99	L-Lysine, Miscellaneous (%)	0227	0.7150	0.1100	0.7882	0.1210	0.0509	4			0
130.99	L-Lysine, Miscellaneous (%)	2246	0.7977	0.0435	0.7882	0.1210	0.0509	4			0
130.99	L-Lysine, Miscellaneous (%)	0889	0.9550	0.0200	0.7882	0.1210	0.0509	4			0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0682	0.1820	0.0000	0.2242	0.0145	0.0098	13	-2.91	9%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	2022	0.1900	0.0000	0.2242	0.0145	0.0098	13	-2.36	8%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0354	0.2120	0.0000	0.2242	0.0145	0.0098	13	-0.84	3%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0939	0.2150	0.0100	0.2242	0.0145	0.0098	13	-0.63	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0504	0.2250	0.0100	0.2242	0.0145	0.0098	13	0.05	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0675	0.2250	0.0100	0.2242	0.0145	0.0098	13	0.05	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0941	0.2275	0.0270	0.2242	0.0145	0.0098	13	0.23	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0859	0.2278	0.0049	0.2242	0.0145	0.0098	13	0.24	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0644	0.2315	0.0030	0.2242	0.0145	0.0098	13	0.50	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	2059	0.2325	0.0010	0.2242	0.0145	0.0098	13	0.57	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0571	0.2335	0.0010	0.2242	0.0145	0.0098	13	0.64	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0353	0.2350	0.0100	0.2242	0.0145	0.0098	13	0.74	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0910	0.2450	0.0300	0.2242	0.0145	0.0098	13	1.43	5%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	2246	0.2117	0.0116	0.2354	0.0211	0.0092	7	-1.13	5%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	0148	0.2180	0.0000	0.2354	0.0211	0.0092	7	-0.83	4%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	2188	0.2284	0.0000	0.2354	0.0211	0.0092	7	-0.33	1%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	0870	0.2345	0.0110	0.2354	0.0211	0.0092	7	-0.04	0%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	0407	0.2434	0.0041	0.2354	0.0211	0.0092	7	0.38	2%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	2319	0.2450	0.0100	0.2354	0.0211	0.0092	7	0.45	2%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	2196	0.2840	0.0000	0.2354	0.0211	0.0092	7	2.31	10%	0
131.99	Methionine, Miscellaneous (%)	0889	0.1950	0.0000	0.2237	0.0202	0.0200	4			0
131.99	Methionine, Miscellaneous (%)	2246	0.2247	0.0299	0.2237	0.0202	0.0200	4			0
131.99	Methionine, Miscellaneous (%)	0227	0.2350	0.0100	0.2237	0.0202	0.0200	4			0
131.99	Methionine, Miscellaneous (%)	2146	0.2400	0.0200	0.2237	0.0202	0.0200	4			0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0353	0.6450	0.0100	0.6923	0.0164	0.0100	12	-2.88	3%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0675	0.6750	0.0100	0.6923	0.0164	0.0100	12	-1.06	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0941	0.6790	0.0000	0.6923	0.0164	0.0100	12	-0.81	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0644	0.6800	0.0020	0.6923	0.0164	0.0100	12	-0.75	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0859	0.6869	0.0177	0.6923	0.0164	0.0100	12	-0.33	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	2059	0.6965	0.0030	0.6923	0.0164	0.0100	12	0.25	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0571	0.6990	0.0080	0.6923	0.0164	0.0100	12	0.41	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0504	0.7000	0.0000	0.6923	0.0164	0.0100	12	0.47	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0939	0.7000	0.0200	0.6923	0.0164	0.0100	12	0.47	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0682	0.7020	0.0000	0.6923	0.0164	0.0100	12	0.59	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	2022	0.7050	0.0100	0.6923	0.0164	0.0100	12	0.77	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0354	0.7255	0.0090	0.6923	0.0164	0.0100	12	2.02	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0910	0.6850	0.0500	0.6923	0.0164	0.0100	12	-0.45	1%	1
132.05	Phenylalanine, Pre-col AQC Der (%)	2196	0.6460	0.0000	0.6942	0.0412	0.0402	7	-1.17	3%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	2188	0.6467	0.0000	0.6942	0.0412	0.0402	7	-1.15	3%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	0407	0.6888	0.0285	0.6942	0.0412	0.0402	7	-0.13	0%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	0148	0.7025	0.0350	0.6942	0.0412	0.0402	7	0.20	1%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	2319	0.7150	0.0300	0.6942	0.0412	0.0402	7	0.50	1%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	0870	0.7195	0.0370	0.6942	0.0412	0.0402	7	0.61	2%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	2246	0.7409	0.0705	0.6942	0.0412	0.0402	7	1.13	3%	0
132.99	Phenylalanine, Miscellaneous (%)	0889	0.6700	0.0000				3			0
132.99	Phenylalanine, Miscellaneous (%)	0227	0.7050	0.0100				3			0
132.99	Phenylalanine, Miscellaneous (%)	2146	0.7550	0.0500				3			0
133.00	Proline, Post-col Ninhydrin Der (%)	0675	0.9750	0.0100	1.011	0.0277	0.0074	12	-1.30	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0939	0.9800	0.0600	1.011	0.0277	0.0074	12	-1.12	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	2022	0.9850	0.0100	1.011	0.0277	0.0074	12	-0.94	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0353	0.9950	0.0100	1.011	0.0277	0.0074	12	-0.58	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0941	1.005	0.0010	1.011	0.0277	0.0074	12	-0.24	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0644	1.005	0.0040	1.011	0.0277	0.0074	12	-0.22	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0859	1.015	0.0090	1.011	0.0277	0.0074	12	0.12	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0571	1.022	0.0070	1.011	0.0277	0.0074	12	0.38	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	2059	1.028	0.0010	1.011	0.0277	0.0074	12	0.59	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0504	1.035	0.0100	1.011	0.0277	0.0074	12	0.86	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0682	1.039	0.0000	1.011	0.0277	0.0074	12	1.01	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0354	1.051	0.0050	1.011	0.0277	0.0074	12	1.42	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0910	1.055	0.1900	1.011	0.0277	0.0074	12	1.58	2%	1
133.05	Proline, Pre-col AQC Der (%)	2188	0.8132	0.0216	1.001	0.0519	0.0343	7	-3.63	9%	0
133.05	Proline, Pre-col AQC Der (%)	2196	0.9640	0.0000	1.001	0.0519	0.0343	7	-0.72	2%	0
133.05	Proline, Pre-col AQC Der (%)	2246	0.9936	0.0233	1.001	0.0519	0.0343	7	-0.15	0%	0
133.05	Proline, Pre-col AQC Der (%)	0407	1.017	0.0470	1.001	0.0519	0.0343	7	0.29	1%	0
133.05	Proline, Pre-col AQC Der (%)	0870	1.017	0.0440	1.001	0.0519	0.0343	7	0.30	1%	0
133.05	Proline, Pre-col AQC Der (%)	0148	1.035	0.0500	1.001	0.0519	0.0343	7	0.65	2%	0
133.05	Proline, Pre-col AQC Der (%)	2319	1.060	0.0200	1.001	0.0519	0.0343	7	1.13	3%	0
133.99	Proline, Miscellaneous (%)	0889	1.013	0.0050				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			
133.99	Proline, Miscellaneous (%)	0227	1.020	0.0400				3			0
133.99	Proline, Miscellaneous (%)	2146	1.055	0.0100				3			0
134.00	Serine, Post-col Ninhydrin Der (%)	0504	0.6000	0.0000	0.7098	0.0302	0.0104	13	-3.64	8%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0353	0.6650	0.0100	0.7098	0.0302	0.0104	13	-1.48	3%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0675	0.6850	0.0100	0.7098	0.0302	0.0104	13	-0.82	2%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0941	0.6970	0.0000	0.7098	0.0302	0.0104	13	-0.42	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0859	0.7051	0.0177	0.7098	0.0302	0.0104	13	-0.16	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0644	0.7120	0.0000	0.7098	0.0302	0.0104	13	0.07	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	2022	0.7150	0.0100	0.7098	0.0302	0.0104	13	0.17	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	2059	0.7155	0.0070	0.7098	0.0302	0.0104	13	0.19	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0571	0.7160	0.0060	0.7098	0.0302	0.0104	13	0.21	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0910	0.7250	0.0100	0.7098	0.0302	0.0104	13	0.50	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0682	0.7340	0.0000	0.7098	0.0302	0.0104	13	0.80	2%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0354	0.7430	0.0040	0.7098	0.0302	0.0104	13	1.10	2%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0939	0.7500	0.0200	0.7098	0.0302	0.0104	13	1.33	3%	0
134.05	Serine, Pre-col AQC Der (%)	2188	0.6436	0.0000	0.7500	0.0631	0.0298	7	-1.69	7%	0
134.05	Serine, Pre-col AQC Der (%)	2196	0.6950	0.0000	0.7500	0.0631	0.0298	7	-0.87	4%	0
134.05	Serine, Pre-col AQC Der (%)	0870	0.7490	0.0060	0.7500	0.0631	0.0298	7	-0.02	0%	0
134.05	Serine, Pre-col AQC Der (%)	0407	0.7628	0.0345	0.7500	0.0631	0.0298	7	0.20	1%	0
134.05	Serine, Pre-col AQC Der (%)	0148	0.7880	0.0180	0.7500	0.0631	0.0298	7	0.60	3%	0
134.05	Serine, Pre-col AQC Der (%)	2246	0.7997	0.0506	0.7500	0.0631	0.0298	7	0.79	3%	0
134.05	Serine, Pre-col AQC Der (%)	2319	0.8000	0.0400	0.7500	0.0631	0.0298	7	0.79	3%	0
134.99	Serine, Miscellaneous (%)	2146	0.7050	0.0300				3			0
134.99	Serine, Miscellaneous (%)	0227	0.7100	0.0200				3			0
134.99	Serine, Miscellaneous (%)	0889	0.7250	0.0000				3			0
135.00	Threonine, Post-col Ninhydrin Der (%)	0353	0.4950	0.0100	0.5250	0.0171	0.0106	13	-1.75	3%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0675	0.4950	0.0100	0.5250	0.0171	0.0106	13	-1.75	3%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0941	0.5110	0.0000	0.5250	0.0171	0.0106	13	-0.82	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0504	0.5200	0.0000	0.5250	0.0171	0.0106	13	-0.29	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0644	0.5210	0.0040	0.5250	0.0171	0.0106	13	-0.23	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0682	0.5220	0.0000	0.5250	0.0171	0.0106	13	-0.17	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0939	0.5300	0.0200	0.5250	0.0171	0.0106	13	0.29	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0859	0.5303	0.0147	0.5250	0.0171	0.0106	13	0.31	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	2059	0.5315	0.0030	0.5250	0.0171	0.0106	13	0.38	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0910	0.5350	0.0300	0.5250	0.0171	0.0106	13	0.59	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	2022	0.5350	0.0100	0.5250	0.0171	0.0106	13	0.59	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0571	0.5395	0.0050	0.5250	0.0171	0.0106	13	0.85	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0354	0.5670	0.0080	0.5250	0.0171	0.0106	13	2.46	4%	0
135.05	Threonine, Pre-col AQC Der (%)	2196	0.4870	0.0000	0.5433	0.0462	0.0248	7	-1.22	5%	0
135.05	Threonine, Pre-col AQC Der (%)	2188	0.4974	0.0000	0.5433	0.0462	0.0248	7	-0.99	4%	0
135.05	Threonine, Pre-col AQC Der (%)	2319	0.5400	0.0200	0.5433	0.0462	0.0248	7	-0.07	0%	0
135.05	Threonine, Pre-col AQC Der (%)	0870	0.5460	0.0160	0.5433	0.0462	0.0248	7	0.06	0%	0

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			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
135.05	Threonine, Pre-col AQC Der (%)	0407	0.5635	0.0270	0.5433	0.0462	0.0248	7	0.44	2%	0
135.05	Threonine, Pre-col AQC Der (%)	0148	0.5640	0.0340	0.5433	0.0462	0.0248	7	0.45	2%	0
135.05	Threonine, Pre-col AQC Der (%)	2246	0.6053	0.0272	0.5433	0.0462	0.0248	7	1.34	6%	0
135.99	Threonine, Miscellaneous (%)	0227	0.5300	0.0200				3			0
135.99	Threonine, Miscellaneous (%)	0889	0.5350	0.0000				3			0
135.99	Threonine, Miscellaneous (%)	2146	0.5450	0.0300				3			0
135.99	Threonine, Miscellaneous (%)	2246	0.6335	0.0116				3			2
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0941	0.1610	0.0000				3			0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0910	0.1700	0.0200				3			0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0682	0.1700	0.0000				3			0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0227	0.2550	0.0100				3			2
136.01	Tryptophan, Alka-Hydrol Rev Phase LC UV (%)	0644	0.1985	0.0010				2			0
136.01	Tryptophan, Alka-Hydrol Rev Phase LC UV (%)	0571	0.2010	0.0000				2			0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0939	0.1950	0.0100	0.2006	0.0076	0.0051	6	-0.75	1%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	2059	0.1950	0.0020	0.2006	0.0076	0.0051	6	-0.75	1%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0859	0.1977	0.0009	0.2006	0.0076	0.0051	6	-0.40	1%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	2114	0.1993	0.0025	0.2006	0.0076	0.0051	6	-0.18	0%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0353	0.2050	0.0100	0.2006	0.0076	0.0051	6	0.58	1%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	2196	0.2130	0.0000	0.2006	0.0076	0.0051	6	1.63	3%	0
136.05	Tryptophan, Pre-col AQC Der (%)	2246	0.1576	0.0111	0.1853	0.0208	0.0087	4			0
136.05	Tryptophan, Pre-col AQC Der (%)	0407	0.1826	0.0049	0.1853	0.0208	0.0087	4			0
136.05	Tryptophan, Pre-col AQC Der (%)	2319	0.1950	0.0000	0.1853	0.0208	0.0087	4			0
136.05	Tryptophan, Pre-col AQC Der (%)	0870	0.2060	0.0100	0.1853	0.0208	0.0087	4			0
136.99	Tryptophan, Miscellaneous (%)	2246	0.1618	0.0044				3			0
136.99	Tryptophan, Miscellaneous (%)	0504	0.1650	0.0100				3			0
136.99	Tryptophan, Miscellaneous (%)	0889	0.5000	0.0000				3			0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0354	0.4130	0.0200	0.4493	0.0300	0.0114	9	-1.21	4%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0941	0.4210	0.0000	0.4493	0.0300	0.0114	9	-0.95	3%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0504	0.4350	0.0100	0.4493	0.0300	0.0114	9	-0.48	2%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0675	0.4350	0.0100	0.4493	0.0300	0.0114	9	-0.48	2%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0682	0.4480	0.0000	0.4493	0.0300	0.0114	9	-0.04	0%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0939	0.4550	0.0300	0.4493	0.0300	0.0114	9	0.19	1%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0353	0.4650	0.0100	0.4493	0.0300	0.0114	9	0.52	2%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0644	0.4795	0.0010	0.4493	0.0300	0.0114	9	1.01	3%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	2059	0.4925	0.0010	0.4493	0.0300	0.0114	9	1.44	5%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0910	0.2700	0.1800	0.4493	0.0300	0.0114	9	-5.98	20%	1
137.05	Tyrosine, Pre-col AQC Der (%)	2246	0.3972	0.0341	0.4758	0.0563	0.0249	7	-1.40	8%	0
137.05	Tyrosine, Pre-col AQC Der (%)	0870	0.4415	0.0230	0.4758	0.0563	0.0249	7	-0.61	4%	0
137.05	Tyrosine, Pre-col AQC Der (%)	0407	0.4663	0.0175	0.4758	0.0563	0.0249	7	-0.17	1%	0
137.05	Tyrosine, Pre-col AQC Der (%)	2196	0.4680	0.0000	0.4758	0.0563	0.0249	7	-0.14	1%	0
137.05	Tyrosine, Pre-col AQC Der (%)	2319	0.4900	0.0200	0.4758	0.0563	0.0249	7	0.25	1%	0
137.05	Tyrosine, Pre-col AQC Der (%)	2188	0.5208	0.0000	0.4758	0.0563	0.0249	7	0.80	5%	0

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137.05	Tyrosine, Pre-col AQC Der (%)	0148	0.5470	0.0300	0.4758	0.0563	0.0249	7	1.26	7%	0
137.99	Tyrosine, Miscellaneous (%)	0227	0.4150	0.0300				3			0
137.99	Tyrosine, Miscellaneous (%)	0889	0.5000	0.0000				3			0
137.99	Tyrosine, Miscellaneous (%)	2146	0.5000	0.0000				3			0
138.00	Valine, Post-col Ninhydrin Der (%)	0353	0.5750	0.0100	0.6720	0.0315	0.0176	13	-3.08	7%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0939	0.6350	0.0500	0.6720	0.0315	0.0176	13	-1.18	3%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0910	0.6500	0.0400	0.6720	0.0315	0.0176	13	-0.70	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0644	0.6630	0.0000	0.6720	0.0315	0.0176	13	-0.29	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0682	0.6630	0.0000	0.6720	0.0315	0.0176	13	-0.29	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0941	0.6630	0.0000	0.6720	0.0315	0.0176	13	-0.29	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0675	0.6650	0.0100	0.6720	0.0315	0.0176	13	-0.22	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0859	0.6659	0.0114	0.6720	0.0315	0.0176	13	-0.20	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0354	0.6875	0.0070	0.6720	0.0315	0.0176	13	0.49	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0571	0.6990	0.0120	0.6720	0.0315	0.0176	13	0.86	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	2022	0.7000	0.0000	0.6720	0.0315	0.0176	13	0.89	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	2059	0.7010	0.0080	0.6720	0.0315	0.0176	13	0.92	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0504	0.7300	0.0000	0.6720	0.0315	0.0176	13	1.84	4%	0
138.05	Valine, Pre-col AQC Der (%)	2319	0.5850	0.0300	0.6945	0.0669	0.0254	7	-1.64	8%	0
138.05	Valine, Pre-col AQC Der (%)	2196	0.6560	0.0000	0.6945	0.0669	0.0254	7	-0.58	3%	0
138.05	Valine, Pre-col AQC Der (%)	0870	0.6895	0.0070	0.6945	0.0669	0.0254	7	-0.08	0%	0
138.05	Valine, Pre-col AQC Der (%)	2246	0.6947	0.0171	0.6945	0.0669	0.0254	7	0.00	0%	0
138.05	Valine, Pre-col AQC Der (%)	0148	0.7025	0.0410	0.6945	0.0669	0.0254	7	0.12	1%	0
138.05	Valine, Pre-col AQC Der (%)	2188	0.7619	0.0000	0.6945	0.0669	0.0254	7	1.01	5%	0
138.05	Valine, Pre-col AQC Der (%)	0407	0.7630	0.0320	0.6945	0.0669	0.0254	7	1.02	5%	0
138.99	Valine, Miscellaneous (%)	0227	0.7150	0.0300				3			0
138.99	Valine, Miscellaneous (%)	0889	0.7200	0.0000				3			0
138.99	Valine, Miscellaneous (%)	2146	0.7200	0.0600				3			0
139.00	Taurine, Post-col Ninhydrin Der (%)	0682	0.0760	0.0000				2			0
139.00	Taurine, Post-col Ninhydrin Der (%)	0504	0.1900	0.0000				2			0
139.05	Taurine, Pre-col AQC Der (%)	0407	0.0640	0.0020				1			0
139.05	Taurine, Pre-col AQC Der (%)	2319	< 0.005					1			5
139.99	Taurine, Miscellaneous (%)	0910	< 0.005					0			5
139.99	Taurine, Miscellaneous (%)	0227	< 0.01					0			5
160.99	Fructose, Miscellaneous (%)	0619	0.1535	0.0010				2			0
160.99	Fructose, Miscellaneous (%)	0227	0.2800	0.0400				2			0
162.99	Glucose, Miscellaneous (%)	0619	0.1800	0.0040				3			0
162.99	Glucose, Miscellaneous (%)	0227	0.4400	0.0600				3			0
162.99	Glucose, Miscellaneous (%)	0689	3.900	0.2000				3			0
163.99	Lactose, Miscellaneous (%)	0619	0.0000	0.0000				0			4
163.99	Lactose, Miscellaneous (%)	0227	< 0.15					0			5
164.99	Maltose, Miscellaneous (%)	0227	< 0.15					0			5
165.99	Sucrose, Miscellaneous (%)	0227	2.405	0.0700				2			0

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			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs			
165.99	Sucrose, Miscellaneous (%)	0619	2.560	0.0200				2			0
166.99	Raffinose, Miscellaneous (%)	0227	0.3250	0.0100				2			0
166.99	Raffinose, Miscellaneous (%)	0619	0.3895	0.0070				2			0
167.99	Stachyose, Miscellaneous (%)	0619	0.7730	0.0140				2			0
167.99	Stachyose, Miscellaneous (%)	0227	1.575	0.2900				2			0
365.02	Monensin, LC (ppm)	0910	< 0.1					0			5
388.03	Tylosin, LC (ppm)	0910	< 0.2					0			5
400.01	Water Activity, Aqualab chilled mirror (Units)	2168	0.4335	0.0010	0.5055	0.0218	0.0028	10	-3.30	7%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	2174	0.4850	0.0000	0.5055	0.0218	0.0028	10	-0.94	2%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	2303	0.4985	0.0050	0.5055	0.0218	0.0028	10	-0.32	1%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	2386	0.5005	0.0050	0.5055	0.0218	0.0028	10	-0.23	0%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	0942	0.5025	0.0010	0.5055	0.0218	0.0028	10	-0.14	0%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	0853	0.5077	0.0041	0.5055	0.0218	0.0028	10	0.10	0%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	0407	0.5092	0.0000	0.5055	0.0218	0.0028	10	0.17	0%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	0589	0.5095	0.0030	0.5055	0.0218	0.0028	10	0.18	0%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	2181	0.5333	0.0003	0.5055	0.0218	0.0028	10	1.27	3%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	2114	0.5364	0.0026	0.5055	0.0218	0.0028	10	1.41	3%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	2388	0.4530	0.0420	0.5055	0.0218	0.0028	10	-2.41	5%	1
400.99	Water Activity, Miscellaneous (Units)	0910	0.4965	0.0050				1			0
413.01	Starch, Resistant, Enzymatic-Colorimetric (%)	0910	0.3500	0.1000				1			0
516.43	Arsenic, Total (As), ICP, Microwave (ppm)	0682	< 20					0			5
516.52	Arsenic, Total (As), ICP-MS, Open vessel (ppm)	0186	< 0.05					0			5
516.52	Arsenic, Total (As), ICP-MS, Open vessel (ppm)	0910	< 0.05					0			5
516.53	Arsenic, Total (As), ICP-MS, Microwave (ppm)	0407	0.0283	0.0025				3			0
516.53	Arsenic, Total (As), ICP-MS, Microwave (ppm)	0227	0.0295	0.0010				3			0
516.53	Arsenic, Total (As), ICP-MS, Microwave (ppm)	0638	0.0935	0.0330				3			0
518.34	Cadmium, AAS, Graphite furnace (ppm)	2022	0.0522	0.0018				1			0
518.41	Cadmium, ICP, Dry ash (ppm)	0407	0.0603	0.0158				1			0
518.43	Cadmium, ICP, Microwave (ppm)	0407	0.0615	0.0008				1			0
518.43	Cadmium, ICP, Microwave (ppm)	0682	< 0.2					1			5
518.52	Cadmium, ICP-MS, Open vessel (ppm)	0910	0.0500	0.0000				2			0
518.52	Cadmium, ICP-MS, Open vessel (ppm)	0186	0.0565	0.0040				2			0
518.53	Cadmium, ICP-MS, Microwave (ppm)	0227	0.0505	0.0010				3			0
518.53	Cadmium, ICP-MS, Microwave (ppm)	0407	0.0544	0.0015				3			0
518.53	Cadmium, ICP-MS, Microwave (ppm)	0638	0.0570	0.0020				3			0
518.99	Cadmium, Miscellaneous (ppm)	2114	0.0569	0.0008				1			0
520.41	Chromium, Total (Cr), ICP, Dry ash (ppm)	0407	0.9838	0.1141				1			0
520.42	Chromium, Total (Cr), ICP, Open vessel (ppm)	0685	1.140	0.1200				3			0
520.42	Chromium, Total (Cr), ICP, Open vessel (ppm)	0693	1.528	0.2680				3			0
520.42	Chromium, Total (Cr), ICP, Open vessel (ppm)	0045	2.005	0.2500				3			0
520.43	Chromium, Total (Cr), ICP, Microwave (ppm)	0226	1.055	0.0300	1.422	0.4351	0.0702	4			0
520.43	Chromium, Total (Cr), ICP, Microwave (ppm)	0510	1.170	0.0600	1.422	0.4351	0.0702	4			0



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			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs			
520.43	Chromium, Total (Cr), ICP, Microwave (ppm)	0407	1.434	0.1205	1.422	0.4351	0.0702	4		0	
520.43	Chromium, Total (Cr), ICP, Microwave (ppm)	0682	2.030	0.0000	1.422	0.4351	0.0702	4		0	
520.51	Chromium, Total (Cr), ICP-MS, Dry ash (ppm)	0910	0.7200	0.0000				1		0	
520.52	Chromium, Total (Cr), ICP-MS, Open vessel (ppm)	0186	0.7376	0.0038				1		0	
520.53	Chromium, Total (Cr), ICP-MS, Microwave (ppm)	0407	1.607	0.0123	1.673	0.0494	0.0793	4		0	
520.53	Chromium, Total (Cr), ICP-MS, Microwave (ppm)	0939	1.675	0.0500	1.673	0.0494	0.0793	4		0	
520.53	Chromium, Total (Cr), ICP-MS, Microwave (ppm)	0164	1.685	0.1300	1.673	0.0494	0.0793	4		0	
520.53	Chromium, Total (Cr), ICP-MS, Microwave (ppm)	0638	1.726	0.1250	1.673	0.0494	0.0793	4		0	
526.34	Lead, AAS, Graphite furnace (ppm)	2022	0.0693	0.0020				1		0	
526.41	Lead, ICP, Dry ash (ppm)	0407	0.0881	0.0852				1		0	
526.43	Lead, ICP, Microwave (ppm)	0407	0.0767	0.0415				1		0	
526.43	Lead, ICP, Microwave (ppm)	0682	< 10					1		5	
526.52	Lead, ICP-MS, Open vessel (ppm)	0186	0.0663	0.0063				1		0	
526.52	Lead, ICP-MS, Open vessel (ppm)	0910	< 0.1					1		5	
526.53	Lead, ICP-MS, Microwave (ppm)	0407	0.0499	0.0185				3		0	
526.53	Lead, ICP-MS, Microwave (ppm)	0227	0.0665	0.0030				3		0	
526.53	Lead, ICP-MS, Microwave (ppm)	0638	0.2220	0.0060				3		0	
529.99	Mercury, Miscellaneous (ppb)	0407	1.406	0.2081				1		0	
529.99	Mercury, Miscellaneous (ppb)	0227	< 10					1		5	
529.99	Mercury, Miscellaneous (ppb)	0910	< 10					1		5	
529.99	Mercury, Miscellaneous (ppb)	0682	< 10000					1		5	
539.41	Nickel, ICP, Dry ash (ppm)	0407	1.497	0.0220				1		0	
539.43	Nickel, ICP, Microwave (ppm)	0226	1.555	0.0300				3		0	
539.43	Nickel, ICP, Microwave (ppm)	0407	1.578	0.0052				3		0	
539.43	Nickel, ICP, Microwave (ppm)	0682	2.730	0.0000				3		0	
539.51	Nickel, ICP-MS, Dry ash (ppm)	0910	1.400	0.0200				1		0	
539.52	Nickel, ICP-MS, Open vessel (ppm)	0186	1.418	0.0367				1		0	
539.53	Nickel, ICP-MS, Microwave (ppm)	0939	1.730	0.1400				3		0	
539.53	Nickel, ICP-MS, Microwave (ppm)	0407	1.761	0.0191				3		0	
539.53	Nickel, ICP-MS, Microwave (ppm)	0638	1.891	0.0170				3		0	
702.00	Butyric Acid (4:0), Miscellaneous GC (%)	0164	< 0.02					0		5	
704.00	Caproic Acid (6:0), Miscellaneous GC (%)	0164	< 0.02					0		5	
706.99	Caprylic acid (8:0), Miscellaneous (% (w/w))	0164	< 0.02					0		5	
706.99	Caprylic acid (8:0), Miscellaneous (% (w/w))	0910	< 0.05					0		5	
708.99	Capric acid (10:0), Miscellaneous (% (w/w))	0910	0.1200	0.0000				1		0	
708.99	Capric acid (10:0), Miscellaneous (% (w/w))	0164	< 0.02					1		5	
710.99	Lauric Acid (12:0), Miscellaneous (% (w/w))	0226	< 0.005					0		5	
710.99	Lauric Acid (12:0), Miscellaneous (% (w/w))	0676	< 0.01					0		5	
710.99	Lauric Acid (12:0), Miscellaneous (% (w/w))	0164	< 0.02					0		5	
710.99	Lauric Acid (12:0), Miscellaneous (% (w/w))	0910	< 0.05					0		5	
714.99	Myristic Acid (14:0), Miscellaneous (% (w/w))	0226	0.0075	0.0001				2		0	
714.99	Myristic Acid (14:0), Miscellaneous (% (w/w))	0910	0.2400	0.0000				2		0	

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
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714.99	Myristic Acid (14:0), Miscellaneous (% (w/w))	0164	< 0.02					2		5	
716.99	Palmitic Acid (16:0), Miscellaneous (% (w/w))	0226	0.4935	0.0009				3		0	
716.99	Palmitic Acid (16:0), Miscellaneous (% (w/w))	0164	0.5350	0.0240				3		0	
716.99	Palmitic Acid (16:0), Miscellaneous (% (w/w))	0910	17.38	0.0600				3		0	
718.99	Palmitoleic Acid (9c-16:1), Miscellaneous (% (w/w))	0226	0.0100	0.0007				3		0	
718.99	Palmitoleic Acid (9c-16:1), Miscellaneous (% (w/w))	0676	0.0100	0.0000				3		0	
718.99	Palmitoleic Acid (9c-16:1), Miscellaneous (% (w/w))	0910	0.3000	0.0000				3		0	
718.99	Palmitoleic Acid (9c-16:1), Miscellaneous (% (w/w))	0164	< 0.04					3		5	
720.99	Margaric acid (17:0), Miscellaneous (% (w/w))	0164	< 0.02					0		5	
722.99	Stearic Acid (18:0), Miscellaneous (% (w/w))	0164	0.0905	0.0010				3		0	
722.99	Stearic Acid (18:0), Miscellaneous (% (w/w))	0226	0.0925	0.0004				3		0	
722.99	Stearic Acid (18:0), Miscellaneous (% (w/w))	0910	3.125	0.0500				3		0	
724.99	Oleic Acid (9c-18:1), Miscellaneous (% (w/w))	0226	0.5597	0.0086				3		0	
724.99	Oleic Acid (9c-18:1), Miscellaneous (% (w/w))	0164	0.5785	0.0030				3		0	
724.99	Oleic Acid (9c-18:1), Miscellaneous (% (w/w))	0910	21.18	0.0900				3		0	
726.99	Linoleic Acid (9c,12c-18:2), Miscellaneous (% (w/w))	0164	1.287	0.0300				3		0	
726.99	Linoleic Acid (9c,12c-18:2), Miscellaneous (% (w/w))	0226	1.320	0.0000				3		0	
726.99	Linoleic Acid (9c,12c-18:2), Miscellaneous (% (w/w))	0676	1.360	0.0000				3		0	
726.99	Linoleic Acid (9c,12c-18:2), Miscellaneous (% (w/w))	0910	48.29	0.1800				3		2	
728.99	alpha-Linolenic Acid (9c,12c,15c-18:3), Miscellaneous (% (w/w))	0226	0.0953	0.0005				3		0	
728.99	alpha-Linolenic Acid (9c,12c,15c-18:3), Miscellaneous (% (w/w))	0164	0.0955	0.0050				3		0	
728.99	alpha-Linolenic Acid (9c,12c,15c-18:3), Miscellaneous (% (w/w))	0676	0.1000	0.0000				3		0	
728.99	alpha-Linolenic Acid (9c,12c,15c-18:3), Miscellaneous (% (w/w))	0910	3.665	0.0100				3		2	
730.99	Arachidic Acid (20:0), Miscellaneous (% (w/w))	0226	0.0081	0.0001				2		0	
730.99	Arachidic Acid (20:0), Miscellaneous (% (w/w))	0910	0.2800	0.0000				2		0	
730.99	Arachidic Acid (20:0), Miscellaneous (% (w/w))	0164	< 0.02					2		5	
732.99	Gondoic Acid (11c-20:1), Miscellaneous (% (w/w))	0226	0.0125	0.0005				1		0	
732.99	Gondoic Acid (11c-20:1), Miscellaneous (% (w/w))	0164	< 0.02					1		5	
736.99	Arachidonic Acid (5c,8c,11c,14c-20:4), Miscellaneous (% (w/w))	0676	0.0000	0.0000				0		4	
736.99	Arachidonic Acid (5c,8c,11c,14c-20:4), Miscellaneous (% (w/w))	0164	< 0.02					0		5	
740.99	Eicosapentaenoic Acid EPA (5c,8c,11c,14c,17c-20:5), Miscellaneous (% (w/w))	0910	0.0750	0.0100				1		0	
740.99	Eicosapentaenoic Acid EPA (5c,8c,11c,14c,17c-20:5), Miscellaneous (% (w/w))	0676	0.0000	0.0000				1		4	
740.99	Eicosapentaenoic Acid EPA (5c,8c,11c,14c,17c-20:5), Miscellaneous (% (w/w))	0226	< 0.005					1		5	
740.99	Eicosapentaenoic Acid EPA (5c,8c,11c,14c,17c-20:5), Miscellaneous (% (w/w))	0164	< 0.02					1		5	
742.99	Behenic Acid (22:0), Miscellaneous (% (w/w))	0226	0.0062	0.0000				2		0	
742.99	Behenic Acid (22:0), Miscellaneous (% (w/w))	0910	0.2650	0.0700				2		0	
742.99	Behenic Acid (22:0), Miscellaneous (% (w/w))	0164	< 0.02					2		5	
744.99	Erucic Acid (13c-22:1), Miscellaneous (% (w/w))	0910	0.0550	0.0100				1		0	
744.99	Erucic Acid (13c-22:1), Miscellaneous (% (w/w))	0226	< 0.005					1		5	
744.99	Erucic Acid (13c-22:1), Miscellaneous (% (w/w))	0164	< 0.02					1		5	
746.99	Docosapentaenoic Acid n-3 DPA (7c,10c,13c,16c,19c-22:5), Miscellaneous (% (w/w))	0676	0.0000	0.0000				0		4	
746.99	Docosapentaenoic Acid n-3 DPA (7c,10c,13c,16c,19c-22:5), Miscellaneous (% (w/w))	0226	< 0.005					0		5	

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746.99	Docosapentaenoic Acid n-3 DPA (7c,10c,13c,1	0164	< 0.02					0		5	
746.99	Docosapentaenoic Acid n-3 DPA (7c,10c,13c,1	0910	< 0.05					0		5	
748.99	Lignoceric Acid (24:0), Miscellaneous (% (w/w)	0226	0.0079	0.0000				2		0	
748.99	Lignoceric Acid (24:0), Miscellaneous (% (w/w)	0910	0.2500	0.0200				2		0	
748.99	Lignoceric Acid (24:0), Miscellaneous (% (w/w)	0164	< 0.02					2		5	
750.99	Docosahexaenoic Acid DHA (4c,7c,10c,13c,16c	0676	0.0000	0.0000				0		4	
750.99	Docosahexaenoic Acid DHA (4c,7c,10c,13c,16c	0226	< 0.005					0		5	
750.99	Docosahexaenoic Acid DHA (4c,7c,10c,13c,16c	0164	< 0.02					0		5	
750.99	Docosahexaenoic Acid DHA (4c,7c,10c,13c,16c	0910	< 0.05					0		5	
752.99	Nervonic Acid (24:1) isomers, Miscellaneous (%)	0226	< 0.005					0		5	
752.99	Nervonic Acid (24:1) isomers, Miscellaneous (%)	0164	< 0.02					0		5	
754.99	Total n-3 Polyunsaturated (Omega-3) Fatty Acids	0164	0.0965	0.0050				3		0	
754.99	Total n-3 Polyunsaturated (Omega-3) Fatty Acids	0676	0.1000	0.0000				3		0	
754.99	Total n-3 Polyunsaturated (Omega-3) Fatty Acids	0910	0.1000	0.0000				3		0	
756.99	Total n-6 Polyunsaturated (Omega-6) Fatty Acids	0164	1.297	0.0280				3		0	
756.99	Total n-6 Polyunsaturated (Omega-6) Fatty Acids	0910	1.350	0.0200				3		0	
756.99	Total n-6 Polyunsaturated (Omega-6) Fatty Acids	0676	1.370	0.0000				3		0	
758.99	Total Saturated Fatty Acids, Miscellaneous (%)	0164	0.6725	0.0230				2		0	
758.99	Total Saturated Fatty Acids, Miscellaneous (%)	0910	22.09	0.1000				2		0	
762.99	Total Monounsaturated Fatty Acids, Miscellaneous	0910	22.28	0.0500				1		0	
764.99	Total cis Monounsaturated Fatty Acids, Miscell	0164	0.6475	0.0010				1		0	
766.99	Total Polyunsaturated Fatty Acids, Miscellane	0910	52.20	0.1500				1		0	
768.99	Total cis Polyunsaturated Fatty Acids, Miscellar	0164	1.401	0.0250				1		0	
770.99	Total Fat (equivalent to NLEA), Miscellaneous (	0164	2.859	0.0490				1		0	
772.99	Total Fatty Acids, Miscellaneous (% (w/w))	0226	2.615	0.0100				2		0	
772.99	Total Fatty Acids, Miscellaneous (% (w/w))	0164	2.733	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.