



**AAFCO**<sup>®</sup>  
Association of American Feed Control Officials



**Animal Feed Scheme**

**Dry Cat Feed**

**Test Material Code # 202232**

**# Labs Reporting: 183**

**# Methods Reported 386**

**Issue Date : 01/31/2023**

**Method Proficiency Testing Report**

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
000.02	Urea, As protein, Colorimetric (%)	0278	0.1000	0.0000				1			0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0027	6.677	0.1830	6.986	0.0512	0.0934	6	-6.06	2%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0169	6.955	0.0100	6.986	0.0512	0.0934	6	-0.62	0%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0407	7.003	0.2011	6.986	0.0512	0.0934	6	0.32	0%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0504	7.005	0.0300	6.986	0.0512	0.0934	6	0.36	0%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0309	7.021	0.1060	6.986	0.0512	0.0934	6	0.68	0%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	2073	7.025	0.0300	6.986	0.0512	0.0934	6	0.75	0%	0
001.03	Loss on Drying, Low temp. methods (%)	0843	6.305	0.4700				3			0
001.03	Loss on Drying, Low temp. methods (%)	2124	6.400	0.0800				3			0
001.03	Loss on Drying, Low temp. methods (%)	0619	7.315	0.0300				3			0
001.05	Loss on Drying, LECO (%)	0644	7.006	0.0040				1			0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2399	6.260	0.1200	6.842	0.2489	0.0834	56	-2.34	4%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0853	6.300	0.0000	6.842	0.2489	0.0834	56	-2.18	4%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0675	6.425	0.0100	6.842	0.2489	0.0834	56	-1.68	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0876	6.495	0.1900	6.842	0.2489	0.0834	56	-1.39	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0345	6.500	0.0200	6.842	0.2489	0.0834	56	-1.37	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0512	6.527	0.3300	6.842	0.2489	0.0834	56	-1.27	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2059	6.560	0.0200	6.842	0.2489	0.0834	56	-1.13	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2416	6.560	0.1000	6.842	0.2489	0.0834	56	-1.13	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2398	6.565	0.0500	6.842	0.2489	0.0834	56	-1.11	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2420	6.615	0.1500	6.842	0.2489	0.0834	56	-0.91	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	1023	6.620	0.0600	6.842	0.2489	0.0834	56	-0.89	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2124	6.640	0.0800	6.842	0.2489	0.0834	56	-0.81	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2419	6.680	0.0000	6.842	0.2489	0.0834	56	-0.65	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0226	6.690	0.0200	6.842	0.2489	0.0834	56	-0.61	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0049	6.700	0.1200	6.842	0.2489	0.0834	56	-0.57	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0089	6.715	0.0100	6.842	0.2489	0.0834	56	-0.51	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0066	6.730	0.1000	6.842	0.2489	0.0834	56	-0.45	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2190	6.740	0.0400	6.842	0.2489	0.0834	56	-0.41	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2426	6.740	0.0000	6.842	0.2489	0.0834	56	-0.41	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2418	6.750	0.0400	6.842	0.2489	0.0834	56	-0.37	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0034	6.760	0.0200	6.842	0.2489	0.0834	56	-0.33	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0278	6.770	0.1200	6.842	0.2489	0.0834	56	-0.29	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0038	6.780	0.1800	6.842	0.2489	0.0834	56	-0.25	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0171	6.790	0.0000	6.842	0.2489	0.0834	56	-0.21	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0297	6.795	0.0700	6.842	0.2489	0.0834	56	-0.19	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0650	6.815	0.0100	6.842	0.2489	0.0834	56	-0.11	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0065	6.820	0.1200	6.842	0.2489	0.0834	56	-0.09	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2417	6.820	0.0800	6.842	0.2489	0.0834	56	-0.09	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0028	6.830	0.0200	6.842	0.2489	0.0834	56	-0.05	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0643	6.835	0.1050	6.842	0.2489	0.0834	56	-0.03	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2422	6.840	0.0200	6.842	0.2489	0.0834	56	-0.01	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0010	6.850	0.1000	6.842	0.2489	0.0834	56	0.03	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2421	6.860	0.1200	6.842	0.2489	0.0834	56	0.07	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0505	6.890	0.2200	6.842	0.2489	0.0834	56	0.19	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2187	6.920	0.0200	6.842	0.2489	0.0834	56	0.31	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0581	6.925	0.0300	6.842	0.2489	0.0834	56	0.33	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2009	6.934	0.0026	6.842	0.2489	0.0834	56	0.37	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2192	6.940	0.0400	6.842	0.2489	0.0834	56	0.39	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0083	6.945	0.0300	6.842	0.2489	0.0834	56	0.41	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2424	6.945	0.0700	6.842	0.2489	0.0834	56	0.41	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0035	6.955	0.1300	6.842	0.2489	0.0834	56	0.45	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0148	6.965	0.1700	6.842	0.2489	0.0834	56	0.49	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0353	7.005	0.1300	6.842	0.2489	0.0834	56	0.66	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0366	7.050	0.3000	6.842	0.2489	0.0834	56	0.84	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0142	7.085	0.0100	6.842	0.2489	0.0834	56	0.98	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0199	7.105	0.2300	6.842	0.2489	0.0834	56	1.06	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0571	7.105	0.0100	6.842	0.2489	0.0834	56	1.06	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0045	7.110	0.0600	6.842	0.2489	0.0834	56	1.08	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0033	7.125	0.0100	6.842	0.2489	0.0834	56	1.14	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0590	7.145	0.1700	6.842	0.2489	0.0834	56	1.22	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0689	7.150	0.3000	6.842	0.2489	0.0834	56	1.24	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0682	7.190	0.0000	6.842	0.2489	0.0834	56	1.40	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0098	7.235	0.0300	6.842	0.2489	0.0834	56	1.58	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0885	7.259	0.0312	6.842	0.2489	0.0834	56	1.68	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0407	7.269	0.1340	6.842	0.2489	0.0834	56	1.71	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2109	7.280	0.1200	6.842	0.2489	0.0834	56	1.76	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0843	6.305	0.4700	6.842	0.2489	0.0834	56	-2.16	4%	1
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0074	7.675	0.4900	6.842	0.2489	0.0834	56	3.35	6%	1
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2345	4.755	0.2300	6.842	0.2489	0.0834	56	-8.38	15%	2
001.08	Loss on Drying, 102°C 16 hr, in meat (%)	0921	7.233	0.0183				1			0
001.99	Loss on Drying, Miscellaneous (%)	0019	4.050	0.3000	6.896	0.3420	0.0987	17	-8.32	21%	0
001.99	Loss on Drying, Miscellaneous (%)	0918	6.495	0.2100	6.896	0.3420	0.0987	17	-1.17	3%	0
001.99	Loss on Drying, Miscellaneous (%)	0889	6.520	0.0400	6.896	0.3420	0.0987	17	-1.10	3%	0
001.99	Loss on Drying, Miscellaneous (%)	0676	6.525	0.0300	6.896	0.3420	0.0987	17	-1.08	3%	0

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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
001.99	Loss on Drying, Miscellaneous (%)	2268	6.720	0.3800	6.896	0.3420	0.0987	17	-0.51	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0610	6.780	0.0200	6.896	0.3420	0.0987	17	-0.34	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0037	6.820	0.0200	6.896	0.3420	0.0987	17	-0.22	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0656	6.910	0.0000	6.896	0.3420	0.0987	17	0.04	0%	0
001.99	Loss on Drying, Miscellaneous (%)	2319	6.950	0.1000	6.896	0.3420	0.0987	17	0.16	0%	0
001.99	Loss on Drying, Miscellaneous (%)	0914	6.955	0.1500	6.896	0.3420	0.0987	17	0.17	0%	0
001.99	Loss on Drying, Miscellaneous (%)	0948	6.970	0.0200	6.896	0.3420	0.0987	17	0.22	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0510	7.050	0.1000	6.896	0.3420	0.0987	17	0.45	1%	0
001.99	Loss on Drying, Miscellaneous (%)	2242	7.075	0.0500	6.896	0.3420	0.0987	17	0.52	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0910	7.100	0.2000	6.896	0.3420	0.0987	17	0.60	1%	0
001.99	Loss on Drying, Miscellaneous (%)	2246	7.155	0.0339	6.896	0.3420	0.0987	17	0.76	2%	0
001.99	Loss on Drying, Miscellaneous (%)	2360	7.440	0.0200	6.896	0.3420	0.0987	17	1.59	4%	0
001.99	Loss on Drying, Miscellaneous (%)	0357	7.893	0.0035	6.896	0.3420	0.0987	17	2.92	7%	0
001.99	Loss on Drying, Miscellaneous (%)	2155	3.780	1.520	6.896	0.3420	0.0987	17	-9.11	23%	1
002.00	Protein, Crude, Crude (%)	2345	31.34	0.2300				2			0
002.00	Protein, Crude, Crude (%)	0169	31.39	0.6100				2			0
002.01	Protein, Crude, Auto Kjeh-Foss (%)	0889	30.50	0.0700	31.33	0.3493	0.1609	15	-2.39	1%	0
002.01	Protein, Crude, Auto Kjeh-Foss (%)	0910	30.60	0.4000	31.33	0.3493	0.1609	15	-2.09	1%	0
002.01	Protein, Crude, Auto Kjeh-Foss (%)	0685	30.91	0.1700	31.33	0.3493	0.1609	15	-1.22	1%	0
002.01	Protein, Crude, Auto Kjeh-Foss (%)	0968	31.27	0.1900	31.33	0.3493	0.1609	15	-0.19	0%	0
002.01	Protein, Crude, Auto Kjeh-Foss (%)	2188	31.27	0.0000	31.33	0.3493	0.1609	15	-0.17	0%	0
002.01	Protein, Crude, Auto Kjeh-Foss (%)	0619	31.30	0.0000	31.33	0.3493	0.1609	15	-0.09	0%	0
002.01	Protein, Crude, Auto Kjeh-Foss (%)	0870	31.33	0.5940	31.33	0.3493	0.1609	15	-0.01	0%	0
002.01	Protein, Crude, Auto Kjeh-Foss (%)	0652	31.35	0.3000	31.33	0.3493	0.1609	15	0.06	0%	0
002.01	Protein, Crude, Auto Kjeh-Foss (%)	0674	31.37	0.0000	31.33	0.3493	0.1609	15	0.11	0%	0
002.01	Protein, Crude, Auto Kjeh-Foss (%)	2196	31.38	0.0000	31.33	0.3493	0.1609	15	0.14	0%	0
002.01	Protein, Crude, Auto Kjeh-Foss (%)	0199	31.40	0.1100	31.33	0.3493	0.1609	15	0.18	0%	0
002.01	Protein, Crude, Auto Kjeh-Foss (%)	2325	31.56	0.0400	31.33	0.3493	0.1609	15	0.66	0%	0
002.01	Protein, Crude, Auto Kjeh-Foss (%)	0610	31.65	0.1000	31.33	0.3493	0.1609	15	0.91	1%	0
002.01	Protein, Crude, Auto Kjeh-Foss (%)	0164	31.72	0.4400	31.33	0.3493	0.1609	15	1.11	1%	0
002.01	Protein, Crude, Auto Kjeh-Foss (%)	0656	32.01	0.0000	31.33	0.3493	0.1609	15	1.94	1%	0
002.02	Protein, Crude, Semiauto Autoanalyzer (%)	0066	31.38	0.0920				1			0
002.04	Protein, Crude, Copper Catalyst (%)	0728	30.96	0.1000				2			0
002.04	Protein, Crude, Copper Catalyst (%)	0504	31.21	0.0100				2			0
002.05	Protein, Crude, Copper, Boric Acid (%)	2073	30.34	0.0000	31.13	0.3735	0.1224	23	-2.11	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2246	30.63	0.1700	31.13	0.3735	0.1224	23	-1.35	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2199	30.65	0.1000	31.13	0.3735	0.1224	23	-1.28	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2360	30.69	0.1800	31.13	0.3735	0.1224	23	-1.17	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0643	30.80	0.1200	31.13	0.3735	0.1224	23	-0.88	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2200	30.90	0.2000	31.13	0.3735	0.1224	23	-0.61	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2192	30.92	0.3800	31.13	0.3735	0.1224	23	-0.56	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0921	30.94	0.0000	31.13	0.3735	0.1224	23	-0.50	0%	0

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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
002.05	Protein, Crude, Copper, Boric Acid (%)	0689	31.00	0.0000	31.13	0.3735	0.1224	23	-0.34	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2190	31.01	0.0500	31.13	0.3735	0.1224	23	-0.33	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0354	31.10	0.0010	31.13	0.3735	0.1224	23	-0.08	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2109	31.17	0.0700	31.13	0.3735	0.1224	23	0.10	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0651	31.24	0.3939	31.13	0.3735	0.1224	23	0.31	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0939	31.27	0.5200	31.13	0.3735	0.1224	23	0.38	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2006	31.28	0.1700	31.13	0.3735	0.1224	23	0.39	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0885	31.30	0.0670	31.13	0.3735	0.1224	23	0.47	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0622	31.34	0.1483	31.13	0.3735	0.1224	23	0.58	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2009	31.40	0.0258	31.13	0.3735	0.1224	23	0.72	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2022	31.44	0.0200	31.13	0.3735	0.1224	23	0.84	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0948	31.48	0.0100	31.13	0.3735	0.1224	23	0.93	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2337	31.55	0.0400	31.13	0.3735	0.1224	23	1.13	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0407	31.59	0.0000	31.13	0.3735	0.1224	23	1.25	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0941	31.69	0.1500	31.13	0.3735	0.1224	23	1.49	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0037	29.78	1.030	31.65	0.3136	0.2842	136	-5.97	3%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0345	30.50	0.2000	31.65	0.3136	0.2842	136	-3.66	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0726	30.66	0.3100	31.65	0.3136	0.2842	136	-3.17	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0510	30.85	0.5000	31.65	0.3136	0.2842	136	-2.54	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2421	30.92	0.0300	31.65	0.3136	0.2842	136	-2.34	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2426	31.01	0.0200	31.65	0.3136	0.2842	136	-2.03	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0529	31.04	0.7100	31.65	0.3136	0.2842	136	-1.95	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2420	31.10	0.1150	31.65	0.3136	0.2842	136	-1.76	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0505	31.10	0.0200	31.65	0.3136	0.2842	136	-1.75	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0539	31.15	0.4600	31.65	0.3136	0.2842	136	-1.59	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0650	31.15	0.7000	31.65	0.3136	0.2842	136	-1.59	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2424	31.26	0.2570	31.65	0.3136	0.2842	136	-1.24	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2174	31.26	0.2400	31.65	0.3136	0.2842	136	-1.24	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2416	31.27	0.2060	31.65	0.3136	0.2842	136	-1.19	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0843	31.29	0.8100	31.65	0.3136	0.2842	136	-1.16	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2168	31.31	0.0200	31.65	0.3136	0.2842	136	-1.08	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2242	31.32	1.290	31.65	0.3136	0.2842	136	-1.06	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	1023	31.32	0.4910	31.65	0.3136	0.2842	136	-1.05	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0358	31.33	1.220	31.65	0.3136	0.2842	136	-1.01	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0004	31.34	0.0200	31.65	0.3136	0.2842	136	-0.98	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0675	31.35	0.1100	31.65	0.3136	0.2842	136	-0.97	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0010	31.35	0.1000	31.65	0.3136	0.2842	136	-0.95	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2359	31.35	0.1000	31.65	0.3136	0.2842	136	-0.95	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0953	31.37	0.1600	31.65	0.3136	0.2842	136	-0.89	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0508	31.37	0.0990	31.65	0.3136	0.2842	136	-0.88	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0006	31.38	0.5700	31.65	0.3136	0.2842	136	-0.87	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2422	31.39	0.4460	31.65	0.3136	0.2842	136	-0.82	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2418	31.39	0.1090	31.65	0.3136	0.2842	136	-0.81	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0939	31.40	0.2500	31.65	0.3136	0.2842	136	-0.81	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0848	31.40	0.0000	31.65	0.3136	0.2842	136	-0.79	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0880	31.40	0.2000	31.65	0.3136	0.2842	136	-0.79	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0357	31.41	0.0625	31.65	0.3136	0.2842	136	-0.77	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0263	31.42	0.0870	31.65	0.3136	0.2842	136	-0.72	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0242	31.43	0.3700	31.65	0.3136	0.2842	136	-0.71	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0199	31.43	0.1700	31.65	0.3136	0.2842	136	-0.71	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0646	31.43	0.0100	31.65	0.3136	0.2842	136	-0.71	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2184	31.43	0.3300	31.65	0.3136	0.2842	136	-0.71	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2187	31.44	0.0500	31.65	0.3136	0.2842	136	-0.68	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2419	31.45	0.0300	31.65	0.3136	0.2842	136	-0.65	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0049	31.45	0.5000	31.65	0.3136	0.2842	136	-0.63	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2349	31.45	0.5000	31.65	0.3136	0.2842	136	-0.63	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0202	31.45	0.7000	31.65	0.3136	0.2842	136	-0.63	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2389	31.45	0.3000	31.65	0.3136	0.2842	136	-0.63	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0074	31.46	0.6300	31.65	0.3136	0.2842	136	-0.62	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0035	31.48	0.0000	31.65	0.3136	0.2842	136	-0.54	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0589	31.49	0.2400	31.65	0.3136	0.2842	136	-0.50	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0407	31.49	0.6960	31.65	0.3136	0.2842	136	-0.49	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0047	31.50	0.6000	31.65	0.3136	0.2842	136	-0.47	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0590	31.50	0.0000	31.65	0.3136	0.2842	136	-0.47	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0354	31.51	0.0900	31.65	0.3136	0.2842	136	-0.46	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0089	31.53	0.0300	31.65	0.3136	0.2842	136	-0.39	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0504	31.55	0.4200	31.65	0.3136	0.2842	136	-0.31	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0958	31.59	0.0500	31.65	0.3136	0.2842	136	-0.20	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2417	31.59	0.3100	31.65	0.3136	0.2842	136	-0.17	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0019	31.60	0.1900	31.65	0.3136	0.2842	136	-0.17	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0164	31.60	0.1900	31.65	0.3136	0.2842	136	-0.17	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0876	31.60	0.2170	31.65	0.3136	0.2842	136	-0.17	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0098	31.60	0.4000	31.65	0.3136	0.2842	136	-0.15	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0610	31.60	0.2000	31.65	0.3136	0.2842	136	-0.15	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0619	31.60	0.0000	31.65	0.3136	0.2842	136	-0.15	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0968	31.60	0.1600	31.65	0.3136	0.2842	136	-0.15	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0626	31.60	0.3475	31.65	0.3136	0.2842	136	-0.14	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0028	31.61	0.5100	31.65	0.3136	0.2842	136	-0.14	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2399	31.62	0.4400	31.65	0.3136	0.2842	136	-0.09	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0142	31.63	0.1800	31.65	0.3136	0.2842	136	-0.06	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0038	31.65	0.3000	31.65	0.3136	0.2842	136	0.01	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0294	31.65	0.1000	31.65	0.3136	0.2842	136	0.01	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0687	31.65	0.3000	31.65	0.3136	0.2842	136	0.01	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0676	31.66	0.0600	31.65	0.3136	0.2842	136	0.04	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
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002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2124	31.66	0.1400	31.65	0.3136	0.2842	136	0.04	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0353	31.67	0.3700	31.65	0.3136	0.2842	136	0.05	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0870	31.67	0.4063	31.65	0.3136	0.2842	136	0.06	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0512	31.68	0.0500	31.65	0.3136	0.2842	136	0.09	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2089	31.68	0.2900	31.65	0.3136	0.2842	136	0.09	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0964	31.68	0.0720	31.65	0.3136	0.2842	136	0.10	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0171	31.68	0.0600	31.65	0.3136	0.2842	136	0.10	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0009	31.69	0.2300	31.65	0.3136	0.2842	136	0.12	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0278	31.70	0.0000	31.65	0.3136	0.2842	136	0.17	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0417	31.72	0.5100	31.65	0.3136	0.2842	136	0.21	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0553	31.72	0.0200	31.65	0.3136	0.2842	136	0.23	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0309	31.73	0.3105	31.65	0.3136	0.2842	136	0.27	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0018	31.74	0.1100	31.65	0.3136	0.2842	136	0.28	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0144	31.75	0.0600	31.65	0.3136	0.2842	136	0.33	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0297	31.75	0.3600	31.65	0.3136	0.2842	136	0.33	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0948	31.75	0.2000	31.65	0.3136	0.2842	136	0.33	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2312	31.75	0.8600	31.65	0.3136	0.2842	136	0.33	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0083	31.76	0.0500	31.65	0.3136	0.2842	136	0.34	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0574	31.76	0.0600	31.65	0.3136	0.2842	136	0.36	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0541	31.77	0.9900	31.65	0.3136	0.2842	136	0.37	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0065	31.77	0.4230	31.65	0.3136	0.2842	136	0.39	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0511	31.78	0.0100	31.65	0.3136	0.2842	136	0.41	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2246	31.78	0.0112	31.65	0.3136	0.2842	136	0.42	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0692	31.80	0.8000	31.65	0.3136	0.2842	136	0.49	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2375	31.81	0.0600	31.65	0.3136	0.2842	136	0.52	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0520	31.82	0.1300	31.65	0.3136	0.2842	136	0.53	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0226	31.83	0.0500	31.65	0.3136	0.2842	136	0.56	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0546	31.83	0.0250	31.65	0.3136	0.2842	136	0.58	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2033	31.83	0.0600	31.65	0.3136	0.2842	136	0.58	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2150	31.83	0.7600	31.65	0.3136	0.2842	136	0.58	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0644	31.84	0.0660	31.65	0.3136	0.2842	136	0.60	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0425	31.85	0.3100	31.65	0.3136	0.2842	136	0.63	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0918	31.85	0.5700	31.65	0.3136	0.2842	136	0.63	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0853	31.85	0.1000	31.65	0.3136	0.2842	136	0.64	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0148	31.86	0.1520	31.65	0.3136	0.2842	136	0.67	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0123	31.88	0.0900	31.65	0.3136	0.2842	136	0.72	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2398	31.91	0.0600	31.65	0.3136	0.2842	136	0.84	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0036	31.93	0.3690	31.65	0.3136	0.2842	136	0.89	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0571	31.94	0.0500	31.65	0.3136	0.2842	136	0.92	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2213	31.94	0.6600	31.65	0.3136	0.2842	136	0.93	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0034	31.95	0.0300	31.65	0.3136	0.2842	136	0.95	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0045	31.95	0.1000	31.65	0.3136	0.2842	136	0.96	0%	0

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002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0366	31.95	0.9000	31.65	0.3136	0.2842	136	0.96	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0956	31.95	0.1000	31.65	0.3136	0.2842	136	0.96	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0042	31.95	0.5000	31.65	0.3136	0.2842	136	0.96	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2409	31.96	0.0900	31.65	0.3136	0.2842	136	0.99	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0682	31.96	0.0000	31.65	0.3136	0.2842	136	1.00	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2268	31.97	1.020	31.65	0.3136	0.2842	136	1.03	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0859	31.98	0.1160	31.65	0.3136	0.2842	136	1.07	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2059	31.99	0.1031	31.65	0.3136	0.2842	136	1.10	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0884	32.00	0.6000	31.65	0.3136	0.2842	136	1.12	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2319	32.00	0.2000	31.65	0.3136	0.2842	136	1.12	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2155	32.01	0.2900	31.65	0.3136	0.2842	136	1.14	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2109	32.01	0.0600	31.65	0.3136	0.2842	136	1.15	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0100	32.03	0.0600	31.65	0.3136	0.2842	136	1.22	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0229	32.08	0.2800	31.65	0.3136	0.2842	136	1.38	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0017	32.20	0.0000	31.65	0.3136	0.2842	136	1.76	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2363	32.25	0.9000	31.65	0.3136	0.2842	136	1.92	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0914	32.26	0.1000	31.65	0.3136	0.2842	136	1.95	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2303	32.29	0.0800	31.65	0.3136	0.2842	136	2.05	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0190	32.35	0.0700	31.65	0.3136	0.2842	136	2.22	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2129	32.46	0.0980	31.65	0.3136	0.2842	136	2.59	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0001	32.53	0.1900	31.65	0.3136	0.2842	136	2.80	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0011	32.75	0.4900	31.65	0.3136	0.2842	136	3.50	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2076	32.82	1.198	31.65	0.3136	0.2842	136	3.72	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2326	32.85	0.3100	31.65	0.3136	0.2842	136	3.82	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0265	33.45	0.3000	31.65	0.3136	0.2842	136	5.75	3%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0108	31.48	1.580	31.65	0.3136	0.2842	136	-0.54	0%	1
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0618	5.169	0.0120	31.65	0.3136	0.2842	136	-84.44	42%	2
002.08	Protein, Crude, Cu/Ti (%)	0098	31.45	0.4100				2			0
002.08	Protein, Crude, Cu/Ti (%)	0563	31.48	0.3762				2			0
002.10	Protein, Crude, Block dig/distillation (%)	2023	31.05	0.1100				1			0
002.11	Protein, Crude, NIR (%)	0297	29.98	0.3800				2			0
002.11	Protein, Crude, NIR (%)	0889	31.25	0.1300				2			0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0345	6.370	0.0400	7.088	0.5858	0.1302	7	-1.23	5%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2337	6.585	0.0100	7.088	0.5858	0.1302	7	-0.86	4%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0309	7.034	0.1261	7.088	0.5858	0.1302	7	-0.09	0%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0885	7.181	0.3553	7.088	0.5858	0.1302	7	0.16	1%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2190	7.205	0.1100	7.088	0.5858	0.1302	7	0.20	1%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2109	7.275	0.0900	7.088	0.5858	0.1302	7	0.32	1%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	1023	11.27	0.1800	7.088	0.5858	0.1302	7	7.14	29%	0
003.01	Fat, Crude, Diethyl Ether Ext (13th ed.), Indirect (%)	0504	6.240	0.0600				3			0
003.01	Fat, Crude, Diethyl Ether Ext (13th ed.), Indirect (%)	0164	7.005	0.0300				3			0
003.01	Fat, Crude, Diethyl Ether Ext (13th ed.), Indirect (%)	0563	7.135	0.0005				3			0

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003.06	Fat, Crude, Pet Ether (%)	0918	6.185	0.5300	6.833	0.5055	0.1606	16	-1.28	5%	0
003.06	Fat, Crude, Pet Ether (%)	0968	6.225	0.0300	6.833	0.5055	0.1606	16	-1.20	4%	0
003.06	Fat, Crude, Pet Ether (%)	0674	6.350	0.0000	6.833	0.5055	0.1606	16	-0.96	4%	0
003.06	Fat, Crude, Pet Ether (%)	0682	6.490	0.0000	6.833	0.5055	0.1606	16	-0.68	3%	0
003.06	Fat, Crude, Pet Ether (%)	0425	6.590	0.0200	6.833	0.5055	0.1606	16	-0.48	2%	0
003.06	Fat, Crude, Pet Ether (%)	0294	6.645	0.0100	6.833	0.5055	0.1606	16	-0.37	1%	0
003.06	Fat, Crude, Pet Ether (%)	2033	6.735	0.2700	6.833	0.5055	0.1606	16	-0.19	1%	0
003.06	Fat, Crude, Pet Ether (%)	0689	6.800	0.4000	6.833	0.5055	0.1606	16	-0.07	0%	0
003.06	Fat, Crude, Pet Ether (%)	0687	6.825	0.3500	6.833	0.5055	0.1606	16	-0.02	0%	0
003.06	Fat, Crude, Pet Ether (%)	0199	6.840	0.0200	6.833	0.5055	0.1606	16	0.01	0%	0
003.06	Fat, Crude, Pet Ether (%)	0884	6.850	0.1000	6.833	0.5055	0.1606	16	0.03	0%	0
003.06	Fat, Crude, Pet Ether (%)	0910	6.870	0.0600	6.833	0.5055	0.1606	16	0.07	0%	0
003.06	Fat, Crude, Pet Ether (%)	0229	7.350	0.6200	6.833	0.5055	0.1606	16	1.02	4%	0
003.06	Fat, Crude, Pet Ether (%)	0297	7.400	0.1400	6.833	0.5055	0.1606	16	1.12	4%	0
003.06	Fat, Crude, Pet Ether (%)	0644	7.588	0.0090	6.833	0.5055	0.1606	16	1.49	6%	0
003.06	Fat, Crude, Pet Ether (%)	0169	10.75	0.0100	6.833	0.5055	0.1606	16	7.74	29%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0354	6.168	0.0150	6.569	0.3750	0.1420	8	-1.07	3%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0027	6.285	0.1300	6.569	0.3750	0.1420	8	-0.76	2%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0685	6.310	0.1000	6.569	0.3750	0.1420	8	-0.69	2%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0512	6.390	0.2450	6.569	0.3750	0.1420	8	-0.48	1%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0590	6.720	0.3400	6.569	0.3750	0.1420	8	0.40	1%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0948	6.750	0.0200	6.569	0.3750	0.1420	8	0.48	1%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0964	6.798	0.1560	6.569	0.3750	0.1420	8	0.61	2%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0098	7.535	0.1300	6.569	0.3750	0.1420	8	2.58	7%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0353	6.960	1.460	6.569	0.3750	0.1420	8	1.04	3%	1
003.10	Fat, Crude, Randall, Pet Ether (%)	2184	5.835	0.1500	6.795	0.4544	0.1171	27	-2.11	7%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0870	5.987	0.0431	6.795	0.4544	0.1171	27	-1.78	6%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0242	6.005	0.4500	6.795	0.4544	0.1171	27	-1.74	6%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2073	6.040	0.0200	6.795	0.4544	0.1171	27	-1.66	6%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0889	6.425	0.0500	6.795	0.4544	0.1171	27	-0.82	3%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0728	6.445	0.3100	6.795	0.4544	0.1171	27	-0.77	3%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0100	6.615	0.0100	6.795	0.4544	0.1171	27	-0.40	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0676	6.620	0.0600	6.795	0.4544	0.1171	27	-0.39	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0366	6.650	0.3000	6.795	0.4544	0.1171	27	-0.32	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0148	6.720	0.1000	6.795	0.4544	0.1171	27	-0.17	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0689	6.750	0.1000	6.795	0.4544	0.1171	27	-0.10	0%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0619	6.770	0.0400	6.795	0.4544	0.1171	27	-0.06	0%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2009	6.770	0.0263	6.795	0.4544	0.1171	27	-0.06	0%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0045	6.795	0.3500	6.795	0.4544	0.1171	27	0.00	0%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0610	6.825	0.0900	6.795	0.4544	0.1171	27	0.06	0%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0618	6.830	0.0320	6.795	0.4544	0.1171	27	0.08	0%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0541	6.895	0.3500	6.795	0.4544	0.1171	27	0.22	1%	0



Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
003.10	Fat, Crude, Randall, Pet Ether (%)	2319	6.900	0.0000	6.795	0.4544	0.1171	27	0.23	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0042	6.905	0.0900	6.795	0.4544	0.1171	27	0.24	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2196	6.970	0.0000	6.795	0.4544	0.1171	27	0.38	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0263	7.097	0.0490	6.795	0.4544	0.1171	27	0.66	2%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0062	7.240	0.0600	6.795	0.4544	0.1171	27	0.98	3%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2188	7.290	0.0000	6.795	0.4544	0.1171	27	1.09	4%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0036	7.296	0.2700	6.795	0.4544	0.1171	27	1.10	4%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0098	7.395	0.0500	6.795	0.4544	0.1171	27	1.32	4%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0123	7.410	0.1400	6.795	0.4544	0.1171	27	1.35	5%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2022	7.410	0.0200	6.795	0.4544	0.1171	27	1.35	5%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2155	7.037	0.6240	6.795	0.4544	0.1171	27	0.53	2%	1
003.11	Fat, Crude, NIR (%)	0889	7.910	0.2400				2			0
003.11	Fat, Crude, NIR (%)	0297	8.965	0.0500				2			0
003.12	Fat, Crude, Hexane Ext (%)	2326	6.210	0.2000	7.148	0.6430	0.1850	4			0
003.12	Fat, Crude, Hexane Ext (%)	0171	7.280	0.1400	7.148	0.6430	0.1850	4			0
003.12	Fat, Crude, Hexane Ext (%)	2199	7.450	0.1000	7.148	0.6430	0.1850	4			0
003.12	Fat, Crude, Hexane Ext (%)	2200	7.650	0.3000	7.148	0.6430	0.1850	4			0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	0646	6.065	0.2900	6.985	1.072	0.1227	6	-0.86	7%	0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	0870	6.091	0.0459	6.985	1.072	0.1227	6	-0.83	6%	0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	2006	6.860	0.2000	6.985	1.072	0.1227	6	-0.12	1%	0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	2360	6.860	0.0400	6.985	1.072	0.1227	6	-0.12	1%	0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	0098	7.440	0.0800	6.985	1.072	0.1227	6	0.42	3%	0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	2246	9.420	0.0800	6.985	1.072	0.1227	6	2.27	17%	0
003.14	Fat, Crude, Ankom (%)	0357	5.275	0.0300	6.884	0.6382	0.1246	44	-2.52	12%	0
003.14	Fat, Crude, Ankom (%)	0265	5.755	0.0700	6.884	0.6382	0.1246	44	-1.77	8%	0
003.14	Fat, Crude, Ankom (%)	0651	6.031	0.0309	6.884	0.6382	0.1246	44	-1.34	6%	0
003.14	Fat, Crude, Ankom (%)	0358	6.190	0.0800	6.884	0.6382	0.1246	44	-1.09	5%	0
003.14	Fat, Crude, Ankom (%)	0037	6.220	0.2600	6.884	0.6382	0.1246	44	-1.04	5%	0
003.14	Fat, Crude, Ankom (%)	0574	6.280	0.1800	6.884	0.6382	0.1246	44	-0.95	4%	0
003.14	Fat, Crude, Ankom (%)	2076	6.321	0.1482	6.884	0.6382	0.1246	44	-0.88	4%	0
003.14	Fat, Crude, Ankom (%)	0019	6.325	0.0300	6.884	0.6382	0.1246	44	-0.88	4%	0
003.14	Fat, Crude, Ankom (%)	2409	6.345	0.3900	6.884	0.6382	0.1246	44	-0.84	4%	0
003.14	Fat, Crude, Ankom (%)	0144	6.370	0.0800	6.884	0.6382	0.1246	44	-0.81	4%	0
003.14	Fat, Crude, Ankom (%)	0108	6.375	0.1100	6.884	0.6382	0.1246	44	-0.80	4%	0
003.14	Fat, Crude, Ankom (%)	0581	6.395	0.0100	6.884	0.6382	0.1246	44	-0.77	4%	0
003.14	Fat, Crude, Ankom (%)	0968	6.410	0.0200	6.884	0.6382	0.1246	44	-0.74	3%	0
003.14	Fat, Crude, Ankom (%)	0049	6.455	0.3500	6.884	0.6382	0.1246	44	-0.67	3%	0
003.14	Fat, Crude, Ankom (%)	0853	6.500	0.2000	6.884	0.6382	0.1246	44	-0.60	3%	0
003.14	Fat, Crude, Ankom (%)	0682	6.510	0.0000	6.884	0.6382	0.1246	44	-0.59	3%	0
003.14	Fat, Crude, Ankom (%)	0529	6.565	0.0500	6.884	0.6382	0.1246	44	-0.50	2%	0
003.14	Fat, Crude, Ankom (%)	0089	6.675	0.0100	6.884	0.6382	0.1246	44	-0.33	2%	0
003.14	Fat, Crude, Ankom (%)	0675	6.725	0.0700	6.884	0.6382	0.1246	44	-0.25	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
003.14	Fat, Crude, Ankom (%)	0948	6.860	0.0800	6.884	0.6382	0.1246	44	-0.04	0%	0
003.14	Fat, Crude, Ankom (%)	0190	6.870	0.0200	6.884	0.6382	0.1246	44	-0.02	0%	0
003.14	Fat, Crude, Ankom (%)	0148	6.890	0.0000	6.884	0.6382	0.1246	44	0.01	0%	0
003.14	Fat, Crude, Ankom (%)	0171	6.890	0.0600	6.884	0.6382	0.1246	44	0.01	0%	0
003.14	Fat, Crude, Ankom (%)	2023	6.935	0.0700	6.884	0.6382	0.1246	44	0.08	0%	0
003.14	Fat, Crude, Ankom (%)	0066	6.955	0.0700	6.884	0.6382	0.1246	44	0.11	1%	0
003.14	Fat, Crude, Ankom (%)	0848	6.970	0.1600	6.884	0.6382	0.1246	44	0.13	1%	0
003.14	Fat, Crude, Ankom (%)	0956	7.000	0.2000	6.884	0.6382	0.1246	44	0.18	1%	0
003.14	Fat, Crude, Ankom (%)	0278	7.100	0.2000	6.884	0.6382	0.1246	44	0.34	2%	0
003.14	Fat, Crude, Ankom (%)	0876	7.165	0.0900	6.884	0.6382	0.1246	44	0.44	2%	0
003.14	Fat, Crude, Ankom (%)	0202	7.170	0.0600	6.884	0.6382	0.1246	44	0.45	2%	0
003.14	Fat, Crude, Ankom (%)	2129	7.206	0.2370	6.884	0.6382	0.1246	44	0.50	2%	0
003.14	Fat, Crude, Ankom (%)	0726	7.210	0.0400	6.884	0.6382	0.1246	44	0.51	2%	0
003.14	Fat, Crude, Ankom (%)	0563	7.242	0.0698	6.884	0.6382	0.1246	44	0.56	3%	0
003.14	Fat, Crude, Ankom (%)	0619	7.255	0.1300	6.884	0.6382	0.1246	44	0.58	3%	0
003.14	Fat, Crude, Ankom (%)	0407	7.288	0.1372	6.884	0.6382	0.1246	44	0.63	3%	0
003.14	Fat, Crude, Ankom (%)	2375	7.325	0.1100	6.884	0.6382	0.1246	44	0.69	3%	0
003.14	Fat, Crude, Ankom (%)	0229	7.505	0.4300	6.884	0.6382	0.1246	44	0.97	5%	0
003.14	Fat, Crude, Ankom (%)	0083	7.615	0.0100	6.884	0.6382	0.1246	44	1.15	5%	0
003.14	Fat, Crude, Ankom (%)	0226	7.690	0.2400	6.884	0.6382	0.1246	44	1.26	6%	0
003.14	Fat, Crude, Ankom (%)	0520	8.255	0.2100	6.884	0.6382	0.1246	44	2.15	10%	0
003.14	Fat, Crude, Ankom (%)	0505	9.455	0.4300	6.884	0.6382	0.1246	44	4.03	19%	0
003.14	Fat, Crude, Ankom (%)	0074	9.965	0.2700	6.884	0.6382	0.1246	44	4.83	22%	0
003.14	Fat, Crude, Ankom (%)	0034	10.43	0.0400	6.884	0.6382	0.1246	44	5.56	26%	0
003.14	Fat, Crude, Ankom (%)	0035	11.31	0.0000	6.884	0.6382	0.1246	44	6.94	32%	0
003.14	Fat, Crude, Ankom (%)	0692	6.900	0.6000	6.884	0.6382	0.1246	44	0.03	0%	1
003.99	Fat, Crude, Miscellaneous (%)	0546	6.410	0.1200	9.244	1.890	0.0675	4			0
003.99	Fat, Crude, Miscellaneous (%)	0941	10.14	0.1100	9.244	1.890	0.0675	4			0
003.99	Fat, Crude, Miscellaneous (%)	0656	10.21	0.0000	9.244	1.890	0.0675	4			0
003.99	Fat, Crude, Miscellaneous (%)	2325	10.22	0.0400	9.244	1.890	0.0675	4			0
003.99	Fat, Crude, Miscellaneous (%)	0880	7.500	0.6000	9.244	1.890	0.0675	4			1
004.00	Fiber, Crude, Asbestos Free (%)	0425	1.550	0.1000	1.989	0.3366	0.2073	14	-1.31	11%	0
004.00	Fiber, Crude, Asbestos Free (%)	0169	1.610	0.1000	1.989	0.3366	0.2073	14	-1.13	10%	0
004.00	Fiber, Crude, Asbestos Free (%)	2312	1.700	0.2000	1.989	0.3366	0.2073	14	-0.86	7%	0
004.00	Fiber, Crude, Asbestos Free (%)	0208	1.845	0.3700	1.989	0.3366	0.2073	14	-0.43	4%	0
004.00	Fiber, Crude, Asbestos Free (%)	0164	1.850	0.1000	1.989	0.3366	0.2073	14	-0.41	4%	0
004.00	Fiber, Crude, Asbestos Free (%)	0309	1.884	0.0902	1.989	0.3366	0.2073	14	-0.31	3%	0
004.00	Fiber, Crude, Asbestos Free (%)	2076	1.898	0.1020	1.989	0.3366	0.2073	14	-0.27	2%	0
004.00	Fiber, Crude, Asbestos Free (%)	2023	1.945	0.0100	1.989	0.3366	0.2073	14	-0.13	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	2359	1.950	0.1000	1.989	0.3366	0.2073	14	-0.12	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	0345	2.150	0.1000	1.989	0.3366	0.2073	14	0.48	4%	0
004.00	Fiber, Crude, Asbestos Free (%)	0171	2.230	0.0600	1.989	0.3366	0.2073	14	0.72	6%	0

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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
004.00	Fiber, Crude, Asbestos Free (%)	0017	2.250	0.5000	1.989	0.3366	0.2073	14	0.77	7%	0
004.00	Fiber, Crude, Asbestos Free (%)	0884	3.700	0.8000	1.989	0.3366	0.2073	14	5.08	43%	0
004.00	Fiber, Crude, Asbestos Free (%)	2326	5.605	0.2700	1.989	0.3366	0.2073	14	10.74	91%	0
004.03	Fiber, Crude, Fritted Glass (%)	2360	1.560	0.0200	2.680	1.463	0.1000	6	-0.77	21%	0
004.03	Fiber, Crude, Fritted Glass (%)	2089	1.595	0.2300	2.680	1.463	0.1000	6	-0.74	20%	0
004.03	Fiber, Crude, Fritted Glass (%)	0353	1.600	0.0000	2.680	1.463	0.1000	6	-0.74	20%	0
004.03	Fiber, Crude, Fritted Glass (%)	2192	2.940	0.2600	2.680	1.463	0.1000	6	0.18	5%	0
004.03	Fiber, Crude, Fritted Glass (%)	0921	3.995	0.0900	2.680	1.463	0.1000	6	0.90	25%	0
004.03	Fiber, Crude, Fritted Glass (%)	2246	4.390	0.0000	2.680	1.463	0.1000	6	1.17	32%	0
004.06	Fiber, Crude, Fibertec (%)	2199	1.000	0.0000	2.022	0.3173	0.1190	21	-3.22	25%	0
004.06	Fiber, Crude, Fibertec (%)	2022	1.545	0.0100	2.022	0.3173	0.1190	21	-1.50	12%	0
004.06	Fiber, Crude, Fibertec (%)	0964	1.750	0.0800	2.022	0.3173	0.1190	21	-0.86	7%	0
004.06	Fiber, Crude, Fibertec (%)	2325	1.785	0.0300	2.022	0.3173	0.1190	21	-0.75	6%	0
004.06	Fiber, Crude, Fibertec (%)	0941	1.790	0.1600	2.022	0.3173	0.1190	21	-0.73	6%	0
004.06	Fiber, Crude, Fibertec (%)	2188	1.870	0.0000	2.022	0.3173	0.1190	21	-0.48	4%	0
004.06	Fiber, Crude, Fibertec (%)	0098	1.925	0.1900	2.022	0.3173	0.1190	21	-0.31	2%	0
004.06	Fiber, Crude, Fibertec (%)	0038	1.935	0.3500	2.022	0.3173	0.1190	21	-0.27	2%	0
004.06	Fiber, Crude, Fibertec (%)	0948	1.945	0.0300	2.022	0.3173	0.1190	21	-0.24	2%	0
004.06	Fiber, Crude, Fibertec (%)	2200	1.950	0.1000	2.022	0.3173	0.1190	21	-0.23	2%	0
004.06	Fiber, Crude, Fibertec (%)	2319	1.950	0.1000	2.022	0.3173	0.1190	21	-0.23	2%	0
004.06	Fiber, Crude, Fibertec (%)	2349	1.950	0.1000	2.022	0.3173	0.1190	21	-0.23	2%	0
004.06	Fiber, Crude, Fibertec (%)	2006	1.995	0.0700	2.022	0.3173	0.1190	21	-0.09	1%	0
004.06	Fiber, Crude, Fibertec (%)	0689	2.100	0.4000	2.022	0.3173	0.1190	21	0.24	2%	0
004.06	Fiber, Crude, Fibertec (%)	0610	2.135	0.1500	2.022	0.3173	0.1190	21	0.36	3%	0
004.06	Fiber, Crude, Fibertec (%)	0968	2.235	0.3300	2.022	0.3173	0.1190	21	0.67	5%	0
004.06	Fiber, Crude, Fibertec (%)	0685	2.260	0.0400	2.022	0.3173	0.1190	21	0.75	6%	0
004.06	Fiber, Crude, Fibertec (%)	0674	2.350	0.0000	2.022	0.3173	0.1190	21	1.03	8%	0
004.06	Fiber, Crude, Fibertec (%)	0918	2.470	0.1000	2.022	0.3173	0.1190	21	1.41	11%	0
004.06	Fiber, Crude, Fibertec (%)	0676	2.485	0.0700	2.022	0.3173	0.1190	21	1.46	11%	0
004.06	Fiber, Crude, Fibertec (%)	0199	2.495	0.1900	2.022	0.3173	0.1190	21	1.49	12%	0
004.07	Fiber, Crude, ANKOM (%)	2345	0.4350	0.0300	1.963	0.3726	0.1664	69	-4.10	39%	0
004.07	Fiber, Crude, ANKOM (%)	0622	0.6044	0.0406	1.963	0.3726	0.1664	69	-3.65	35%	0
004.07	Fiber, Crude, ANKOM (%)	0708	1.005	0.0500	1.963	0.3726	0.1664	69	-2.57	24%	0
004.07	Fiber, Crude, ANKOM (%)	0510	1.350	0.1000	1.963	0.3726	0.1664	69	-1.65	16%	0
004.07	Fiber, Crude, ANKOM (%)	0656	1.350	0.0000	1.963	0.3726	0.1664	69	-1.65	16%	0
004.07	Fiber, Crude, ANKOM (%)	0407	1.449	0.0434	1.963	0.3726	0.1664	69	-1.38	13%	0
004.07	Fiber, Crude, ANKOM (%)	0202	1.470	0.0200	1.963	0.3726	0.1664	69	-1.32	13%	0
004.07	Fiber, Crude, ANKOM (%)	0098	1.480	0.0000	1.963	0.3726	0.1664	69	-1.30	12%	0
004.07	Fiber, Crude, ANKOM (%)	0956	1.500	0.0000	1.963	0.3726	0.1664	69	-1.24	12%	0
004.07	Fiber, Crude, ANKOM (%)	0100	1.590	0.0800	1.963	0.3726	0.1664	69	-1.00	10%	0
004.07	Fiber, Crude, ANKOM (%)	0190	1.650	0.3000	1.963	0.3726	0.1664	69	-0.84	8%	0
004.07	Fiber, Crude, ANKOM (%)	0066	1.700	0.0600	1.963	0.3726	0.1664	69	-0.71	7%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
004.07	Fiber, Crude, ANKOM (%)	0682	1.700	0.0000	1.963	0.3726	0.1664	69	-0.71	7%	0
004.07	Fiber, Crude, ANKOM (%)	2409	1.705	0.1300	1.963	0.3726	0.1664	69	-0.69	7%	0
004.07	Fiber, Crude, ANKOM (%)	0083	1.720	0.1000	1.963	0.3726	0.1664	69	-0.65	6%	0
004.07	Fiber, Crude, ANKOM (%)	0004	1.750	0.2000	1.963	0.3726	0.1664	69	-0.57	5%	0
004.07	Fiber, Crude, ANKOM (%)	0910	1.750	0.1000	1.963	0.3726	0.1664	69	-0.57	5%	0
004.07	Fiber, Crude, ANKOM (%)	0619	1.755	0.0700	1.963	0.3726	0.1664	69	-0.56	5%	0
004.07	Fiber, Crude, ANKOM (%)	0885	1.756	0.0641	1.963	0.3726	0.1664	69	-0.56	5%	0
004.07	Fiber, Crude, ANKOM (%)	0553	1.760	0.0200	1.963	0.3726	0.1664	69	-0.55	5%	0
004.07	Fiber, Crude, ANKOM (%)	2190	1.765	0.4300	1.963	0.3726	0.1664	69	-0.53	5%	0
004.07	Fiber, Crude, ANKOM (%)	2188	1.770	0.1000	1.963	0.3726	0.1664	69	-0.52	5%	0
004.07	Fiber, Crude, ANKOM (%)	2337	1.795	0.0100	1.963	0.3726	0.1664	69	-0.45	4%	0
004.07	Fiber, Crude, ANKOM (%)	0563	1.803	0.0930	1.963	0.3726	0.1664	69	-0.43	4%	0
004.07	Fiber, Crude, ANKOM (%)	0123	1.815	0.0100	1.963	0.3726	0.1664	69	-0.40	4%	0
004.07	Fiber, Crude, ANKOM (%)	0589	1.840	0.3600	1.963	0.3726	0.1664	69	-0.33	3%	0
004.07	Fiber, Crude, ANKOM (%)	0505	1.850	0.2200	1.963	0.3726	0.1664	69	-0.30	3%	0
004.07	Fiber, Crude, ANKOM (%)	0876	1.850	0.1000	1.963	0.3726	0.1664	69	-0.30	3%	0
004.07	Fiber, Crude, ANKOM (%)	0939	1.850	0.1200	1.963	0.3726	0.1664	69	-0.30	3%	0
004.07	Fiber, Crude, ANKOM (%)	0726	1.855	0.0300	1.963	0.3726	0.1664	69	-0.29	3%	0
004.07	Fiber, Crude, ANKOM (%)	0242	1.870	0.4800	1.963	0.3726	0.1664	69	-0.25	2%	0
004.07	Fiber, Crude, ANKOM (%)	0300	1.880	0.0800	1.963	0.3726	0.1664	69	-0.22	2%	0
004.07	Fiber, Crude, ANKOM (%)	0504	1.895	0.1300	1.963	0.3726	0.1664	69	-0.18	2%	0
004.07	Fiber, Crude, ANKOM (%)	0028	1.900	0.0000	1.963	0.3726	0.1664	69	-0.17	2%	0
004.07	Fiber, Crude, ANKOM (%)	0948	1.910	0.0400	1.963	0.3726	0.1664	69	-0.14	1%	0
004.07	Fiber, Crude, ANKOM (%)	2363	1.960	0.4800	1.963	0.3726	0.1664	69	-0.01	0%	0
004.07	Fiber, Crude, ANKOM (%)	0011	2.000	0.2000	1.963	0.3726	0.1664	69	0.10	1%	0
004.07	Fiber, Crude, ANKOM (%)	0529	2.005	0.4500	1.963	0.3726	0.1664	69	0.11	1%	0
004.07	Fiber, Crude, ANKOM (%)	0643	2.010	0.0200	1.963	0.3726	0.1664	69	0.13	1%	0
004.07	Fiber, Crude, ANKOM (%)	0968	2.015	0.1100	1.963	0.3726	0.1664	69	0.14	1%	0
004.07	Fiber, Crude, ANKOM (%)	0644	2.028	0.2100	1.963	0.3726	0.1664	69	0.17	2%	0
004.07	Fiber, Crude, ANKOM (%)	2196	2.030	0.0000	1.963	0.3726	0.1664	69	0.18	2%	0
004.07	Fiber, Crude, ANKOM (%)	0045	2.035	0.1500	1.963	0.3726	0.1664	69	0.19	2%	0
004.07	Fiber, Crude, ANKOM (%)	2109	2.055	0.0100	1.963	0.3726	0.1664	69	0.25	2%	0
004.07	Fiber, Crude, ANKOM (%)	2124	2.060	0.3600	1.963	0.3726	0.1664	69	0.26	2%	0
004.07	Fiber, Crude, ANKOM (%)	0692	2.100	0.4000	1.963	0.3726	0.1664	69	0.37	3%	0
004.07	Fiber, Crude, ANKOM (%)	0511	2.100	0.2000	1.963	0.3726	0.1664	69	0.37	3%	0
004.07	Fiber, Crude, ANKOM (%)	2033	2.100	0.0000	1.963	0.3726	0.1664	69	0.37	3%	0
004.07	Fiber, Crude, ANKOM (%)	0512	2.129	0.3340	1.963	0.3726	0.1664	69	0.44	4%	0
004.07	Fiber, Crude, ANKOM (%)	0675	2.140	0.1400	1.963	0.3726	0.1664	69	0.47	5%	0
004.07	Fiber, Crude, ANKOM (%)	0870	2.168	0.1138	1.963	0.3726	0.1664	69	0.55	5%	0
004.07	Fiber, Crude, ANKOM (%)	0581	2.180	0.0800	1.963	0.3726	0.1664	69	0.58	6%	0
004.07	Fiber, Crude, ANKOM (%)	0263	2.187	0.1540	1.963	0.3726	0.1664	69	0.60	6%	0
004.07	Fiber, Crude, ANKOM (%)	0354	2.225	0.0700	1.963	0.3726	0.1664	69	0.70	7%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
004.07	Fiber, Crude, ANKOM (%)	0009	2.245	0.2900	1.963	0.3726	0.1664	69	0.76	7%	0
004.07	Fiber, Crude, ANKOM (%)	0229	2.260	0.1200	1.963	0.3726	0.1664	69	0.80	8%	0
004.07	Fiber, Crude, ANKOM (%)	0294	2.350	0.1000	1.963	0.3726	0.1664	69	1.04	10%	0
004.07	Fiber, Crude, ANKOM (%)	0089	2.360	0.0200	1.963	0.3726	0.1664	69	1.06	10%	0
004.07	Fiber, Crude, ANKOM (%)	0848	2.360	0.2400	1.963	0.3726	0.1664	69	1.06	10%	0
004.07	Fiber, Crude, ANKOM (%)	0626	2.380	0.1068	1.963	0.3726	0.1664	69	1.12	11%	0
004.07	Fiber, Crude, ANKOM (%)	0019	2.410	1.100	1.963	0.3726	0.1664	69	1.20	11%	0
004.07	Fiber, Crude, ANKOM (%)	0034	2.515	0.2100	1.963	0.3726	0.1664	69	1.48	14%	0
004.07	Fiber, Crude, ANKOM (%)	0042	2.585	0.1300	1.963	0.3726	0.1664	69	1.67	16%	0
004.07	Fiber, Crude, ANKOM (%)	0520	2.590	0.5400	1.963	0.3726	0.1664	69	1.68	16%	0
004.07	Fiber, Crude, ANKOM (%)	0646	2.645	0.1300	1.963	0.3726	0.1664	69	1.83	17%	0
004.07	Fiber, Crude, ANKOM (%)	0074	2.795	0.5500	1.963	0.3726	0.1664	69	2.23	21%	0
004.07	Fiber, Crude, ANKOM (%)	0226	2.955	0.0500	1.963	0.3726	0.1664	69	2.66	25%	0
004.07	Fiber, Crude, ANKOM (%)	0914	3.250	0.5000	1.963	0.3726	0.1664	69	3.45	33%	0
004.07	Fiber, Crude, ANKOM (%)	0278	3.850	0.3000	1.963	0.3726	0.1664	69	5.06	48%	0
004.07	Fiber, Crude, ANKOM (%)	0366	3.250	2.300	1.963	0.3726	0.1664	69	3.45	33%	1
004.07	Fiber, Crude, ANKOM (%)	0265	10.25	0.3000	1.963	0.3726	0.1664	69	22.24	211%	2
004.11	Fiber, Crude, NIR (%)	0889	1.940	0.1000				1			0
004.99	Fiber, Crude, Miscellaneous (%)	2129	1.944	0.1430				1			0
005.00	Ash, 2h @ 600°C (%)	0880	5.715	0.2100	6.518	0.1116	0.0888	94	-7.19	6%	0
005.00	Ash, 2h @ 600°C (%)	2246	6.095	0.1100	6.518	0.1116	0.0888	94	-3.79	3%	0
005.00	Ash, 2h @ 600°C (%)	0278	6.270	0.1200	6.518	0.1116	0.0888	94	-2.22	2%	0
005.00	Ash, 2h @ 600°C (%)	0229	6.280	0.1200	6.518	0.1116	0.0888	94	-2.13	2%	0
005.00	Ash, 2h @ 600°C (%)	0089	6.290	0.0000	6.518	0.1116	0.0888	94	-2.04	2%	0
005.00	Ash, 2h @ 600°C (%)	0953	6.300	0.0200	6.518	0.1116	0.0888	94	-1.95	2%	0
005.00	Ash, 2h @ 600°C (%)	0956	6.300	0.0000	6.518	0.1116	0.0888	94	-1.95	2%	0
005.00	Ash, 2h @ 600°C (%)	0169	6.345	0.0100	6.518	0.1116	0.0888	94	-1.55	1%	0
005.00	Ash, 2h @ 600°C (%)	0142	6.370	0.0200	6.518	0.1116	0.0888	94	-1.32	1%	0
005.00	Ash, 2h @ 600°C (%)	0004	6.390	0.0000	6.518	0.1116	0.0888	94	-1.14	1%	0
005.00	Ash, 2h @ 600°C (%)	0417	6.390	0.1200	6.518	0.1116	0.0888	94	-1.14	1%	0
005.00	Ash, 2h @ 600°C (%)	2184	6.390	0.1400	6.518	0.1116	0.0888	94	-1.14	1%	0
005.00	Ash, 2h @ 600°C (%)	0144	6.400	0.0200	6.518	0.1116	0.0888	94	-1.06	1%	0
005.00	Ash, 2h @ 600°C (%)	0358	6.400	0.1400	6.518	0.1116	0.0888	94	-1.06	1%	0
005.00	Ash, 2h @ 600°C (%)	0505	6.400	0.0000	6.518	0.1116	0.0888	94	-1.06	1%	0
005.00	Ash, 2h @ 600°C (%)	2268	6.400	0.2400	6.518	0.1116	0.0888	94	-1.06	1%	0
005.00	Ash, 2h @ 600°C (%)	0407	6.404	0.0884	6.518	0.1116	0.0888	94	-1.02	1%	0
005.00	Ash, 2h @ 600°C (%)	0651	6.404	0.2156	6.518	0.1116	0.0888	94	-1.02	1%	0
005.00	Ash, 2h @ 600°C (%)	0646	6.420	0.1400	6.518	0.1116	0.0888	94	-0.88	1%	0
005.00	Ash, 2h @ 600°C (%)	0848	6.425	0.0900	6.518	0.1116	0.0888	94	-0.83	1%	0
005.00	Ash, 2h @ 600°C (%)	0685	6.440	0.0800	6.518	0.1116	0.0888	94	-0.70	1%	0
005.00	Ash, 2h @ 600°C (%)	2188	6.440	0.0000	6.518	0.1116	0.0888	94	-0.70	1%	0
005.00	Ash, 2h @ 600°C (%)	2199	6.450	0.3000	6.518	0.1116	0.0888	94	-0.61	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
005.00	Ash, 2h @ 600°C (%)	0366	6.450	0.1000	6.518	0.1116	0.0888	94	-0.61	1%	0
005.00	Ash, 2h @ 600°C (%)	0425	6.450	0.1000	6.518	0.1116	0.0888	94	-0.61	1%	0
005.00	Ash, 2h @ 600°C (%)	0529	6.450	0.0000	6.518	0.1116	0.0888	94	-0.61	1%	0
005.00	Ash, 2h @ 600°C (%)	2033	6.450	0.1000	6.518	0.1116	0.0888	94	-0.61	1%	0
005.00	Ash, 2h @ 600°C (%)	2337	6.450	0.0200	6.518	0.1116	0.0888	94	-0.61	1%	0
005.00	Ash, 2h @ 600°C (%)	2196	6.460	0.0000	6.518	0.1116	0.0888	94	-0.52	0%	0
005.00	Ash, 2h @ 600°C (%)	0208	6.465	0.0300	6.518	0.1116	0.0888	94	-0.47	0%	0
005.00	Ash, 2h @ 600°C (%)	0618	6.468	0.0232	6.518	0.1116	0.0888	94	-0.45	0%	0
005.00	Ash, 2h @ 600°C (%)	0553	6.470	0.2000	6.518	0.1116	0.0888	94	-0.43	0%	0
005.00	Ash, 2h @ 600°C (%)	2022	6.470	0.0200	6.518	0.1116	0.0888	94	-0.43	0%	0
005.00	Ash, 2h @ 600°C (%)	0042	6.485	0.0900	6.518	0.1116	0.0888	94	-0.29	0%	0
005.00	Ash, 2h @ 600°C (%)	0354	6.485	0.0100	6.518	0.1116	0.0888	94	-0.29	0%	0
005.00	Ash, 2h @ 600°C (%)	0035	6.490	0.0400	6.518	0.1116	0.0888	94	-0.25	0%	0
005.00	Ash, 2h @ 600°C (%)	0171	6.500	0.1200	6.518	0.1116	0.0888	94	-0.16	0%	0
005.00	Ash, 2h @ 600°C (%)	0853	6.500	0.0000	6.518	0.1116	0.0888	94	-0.16	0%	0
005.00	Ash, 2h @ 600°C (%)	2399	6.505	0.0500	6.518	0.1116	0.0888	94	-0.11	0%	0
005.00	Ash, 2h @ 600°C (%)	0563	6.505	0.0066	6.518	0.1116	0.0888	94	-0.11	0%	0
005.00	Ash, 2h @ 600°C (%)	0242	6.510	0.0400	6.518	0.1116	0.0888	94	-0.07	0%	0
005.00	Ash, 2h @ 600°C (%)	2349	6.510	0.0400	6.518	0.1116	0.0888	94	-0.07	0%	0
005.00	Ash, 2h @ 600°C (%)	0622	6.513	0.0941	6.518	0.1116	0.0888	94	-0.05	0%	0
005.00	Ash, 2h @ 600°C (%)	0033	6.515	0.0900	6.518	0.1116	0.0888	94	-0.02	0%	0
005.00	Ash, 2h @ 600°C (%)	0083	6.515	0.0300	6.518	0.1116	0.0888	94	-0.02	0%	0
005.00	Ash, 2h @ 600°C (%)	0541	6.515	0.2300	6.518	0.1116	0.0888	94	-0.02	0%	0
005.00	Ash, 2h @ 600°C (%)	2006	6.520	0.0800	6.518	0.1116	0.0888	94	0.02	0%	0
005.00	Ash, 2h @ 600°C (%)	2124	6.520	0.2200	6.518	0.1116	0.0888	94	0.02	0%	0
005.00	Ash, 2h @ 600°C (%)	2076	6.527	0.1144	6.518	0.1116	0.0888	94	0.08	0%	0
005.00	Ash, 2h @ 600°C (%)	0589	6.530	0.1600	6.518	0.1116	0.0888	94	0.11	0%	0
005.00	Ash, 2h @ 600°C (%)	0353	6.535	0.1100	6.518	0.1116	0.0888	94	0.15	0%	0
005.00	Ash, 2h @ 600°C (%)	0510	6.535	0.0700	6.518	0.1116	0.0888	94	0.15	0%	0
005.00	Ash, 2h @ 600°C (%)	0309	6.536	0.0150	6.518	0.1116	0.0888	94	0.16	0%	0
005.00	Ash, 2h @ 600°C (%)	0123	6.540	0.0400	6.518	0.1116	0.0888	94	0.20	0%	0
005.00	Ash, 2h @ 600°C (%)	0504	6.540	0.0200	6.518	0.1116	0.0888	94	0.20	0%	0
005.00	Ash, 2h @ 600°C (%)	0870	6.542	0.1268	6.518	0.1116	0.0888	94	0.21	0%	0
005.00	Ash, 2h @ 600°C (%)	0345	6.545	0.0500	6.518	0.1116	0.0888	94	0.24	0%	0
005.00	Ash, 2h @ 600°C (%)	0017	6.550	0.1000	6.518	0.1116	0.0888	94	0.29	0%	0
005.00	Ash, 2h @ 600°C (%)	0047	6.550	0.1000	6.518	0.1116	0.0888	94	0.29	0%	0
005.00	Ash, 2h @ 600°C (%)	0098	6.550	0.0200	6.518	0.1116	0.0888	94	0.29	0%	0
005.00	Ash, 2h @ 600°C (%)	0948	6.550	0.0000	6.518	0.1116	0.0888	94	0.29	0%	0
005.00	Ash, 2h @ 600°C (%)	2359	6.550	0.1000	6.518	0.1116	0.0888	94	0.29	0%	0
005.00	Ash, 2h @ 600°C (%)	0650	6.555	0.0100	6.518	0.1116	0.0888	94	0.33	0%	0
005.00	Ash, 2h @ 600°C (%)	2150	6.555	0.0500	6.518	0.1116	0.0888	94	0.33	0%	0
005.00	Ash, 2h @ 600°C (%)	2326	6.555	0.1500	6.518	0.1116	0.0888	94	0.33	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
005.00	Ash, 2h @ 600°C (%)	0512	6.563	0.3010	6.518	0.1116	0.0888	94	0.40	0%	0
005.00	Ash, 2h @ 600°C (%)	0918	6.565	0.0500	6.518	0.1116	0.0888	94	0.42	0%	0
005.00	Ash, 2h @ 600°C (%)	0574	6.570	0.1400	6.518	0.1116	0.0888	94	0.47	0%	0
005.00	Ash, 2h @ 600°C (%)	0199	6.575	0.0100	6.518	0.1116	0.0888	94	0.51	0%	0
005.00	Ash, 2h @ 600°C (%)	1023	6.575	0.0100	6.518	0.1116	0.0888	94	0.51	0%	0
005.00	Ash, 2h @ 600°C (%)	0682	6.580	0.0000	6.518	0.1116	0.0888	94	0.56	0%	0
005.00	Ash, 2h @ 600°C (%)	0001	6.583	0.0850	6.518	0.1116	0.0888	94	0.58	0%	0
005.00	Ash, 2h @ 600°C (%)	0049	6.595	0.2300	6.518	0.1116	0.0888	94	0.69	1%	0
005.00	Ash, 2h @ 600°C (%)	0968	6.595	0.0300	6.518	0.1116	0.0888	94	0.69	1%	0
005.00	Ash, 2h @ 600°C (%)	0265	6.600	0.0000	6.518	0.1116	0.0888	94	0.74	1%	0
005.00	Ash, 2h @ 600°C (%)	2325	6.605	0.0300	6.518	0.1116	0.0888	94	0.78	1%	0
005.00	Ash, 2h @ 600°C (%)	0027	6.615	0.0300	6.518	0.1116	0.0888	94	0.87	1%	0
005.00	Ash, 2h @ 600°C (%)	0876	6.615	0.1300	6.518	0.1116	0.0888	94	0.87	1%	0
005.00	Ash, 2h @ 600°C (%)	2242	6.615	0.0300	6.518	0.1116	0.0888	94	0.87	1%	0
005.00	Ash, 2h @ 600°C (%)	0539	6.640	0.0800	6.518	0.1116	0.0888	94	1.10	1%	0
005.00	Ash, 2h @ 600°C (%)	0100	6.640	0.2800	6.518	0.1116	0.0888	94	1.10	1%	0
005.00	Ash, 2h @ 600°C (%)	0297	6.650	0.6400	6.518	0.1116	0.0888	94	1.19	1%	0
005.00	Ash, 2h @ 600°C (%)	2200	6.650	0.1000	6.518	0.1116	0.0888	94	1.19	1%	0
005.00	Ash, 2h @ 600°C (%)	2312	6.660	0.1600	6.518	0.1116	0.0888	94	1.27	1%	0
005.00	Ash, 2h @ 600°C (%)	0164	6.670	0.0200	6.518	0.1116	0.0888	94	1.36	1%	0
005.00	Ash, 2h @ 600°C (%)	0062	6.690	0.0400	6.518	0.1116	0.0888	94	1.54	1%	0
005.00	Ash, 2h @ 600°C (%)	0674	6.690	0.0000	6.518	0.1116	0.0888	94	1.54	1%	0
005.00	Ash, 2h @ 600°C (%)	0045	6.715	0.4300	6.518	0.1116	0.0888	94	1.77	2%	0
005.00	Ash, 2h @ 600°C (%)	0675	6.715	0.0100	6.518	0.1116	0.0888	94	1.77	2%	0
005.00	Ash, 2h @ 600°C (%)	2089	6.740	0.0200	6.518	0.1116	0.0888	94	1.99	2%	0
005.00	Ash, 2h @ 600°C (%)	0226	6.870	0.2800	6.518	0.1116	0.0888	94	3.16	3%	0
005.00	Ash, 2h @ 600°C (%)	0520	6.890	0.0600	6.518	0.1116	0.0888	94	3.34	3%	0
005.00	Ash, 2h @ 600°C (%)	0357	7.000	0.0000	6.518	0.1116	0.0888	94	4.32	4%	0
005.00	Ash, 2h @ 600°C (%)	0656	9.110	0.0000	6.518	0.1116	0.0888	94	23.23	20%	0
005.00	Ash, 2h @ 600°C (%)	0148	5.895	1.270	6.518	0.1116	0.0888	94	-5.58	5%	1
005.00	Ash, 2h @ 600°C (%)	0108	6.050	0.8800	6.518	0.1116	0.0888	94	-4.19	4%	1
005.00	Ash, 2h @ 600°C (%)	0581	0.5950	0.1100	6.518	0.1116	0.0888	94	-53.07	45%	2
005.02	Ash, LECO (%)	0644	6.584	0.0540				1			0
005.03	Ash, Microwave furnace (%)	0511	6.300	0.2000				2			0
005.03	Ash, Microwave furnace (%)	2187	6.590	0.0200				2			0
005.05	Ash, 3h @ 550°C (%)	0726	6.345	0.0700	6.548	0.0696	0.0670	35	-2.91	2%	0
005.05	Ash, 3h @ 550°C (%)	0889	6.355	0.0100	6.548	0.0696	0.0670	35	-2.77	1%	0
005.05	Ash, 3h @ 550°C (%)	2190	6.365	0.2500	6.548	0.0696	0.0670	35	-2.63	1%	0
005.05	Ash, 3h @ 550°C (%)	2345	6.415	0.1300	6.548	0.0696	0.0670	35	-1.91	1%	0
005.05	Ash, 3h @ 550°C (%)	0692	6.450	0.1000	6.548	0.0696	0.0670	35	-1.40	1%	0
005.05	Ash, 3h @ 550°C (%)	0643	6.470	0.0800	6.548	0.0696	0.0670	35	-1.12	1%	0
005.05	Ash, 3h @ 550°C (%)	0038	6.485	0.0500	6.548	0.0696	0.0670	35	-0.90	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
005.05	Ash, 3h @ 550°C (%)	0941	6.505	0.0500	6.548	0.0696	0.0670	35	-0.61	0%	0
005.05	Ash, 3h @ 550°C (%)	2419	6.510	0.0800	6.548	0.0696	0.0670	35	-0.54	0%	0
005.05	Ash, 3h @ 550°C (%)	2246	6.515	0.0100	6.548	0.0696	0.0670	35	-0.47	0%	0
005.05	Ash, 3h @ 550°C (%)	0066	6.525	0.0500	6.548	0.0696	0.0670	35	-0.33	0%	0
005.05	Ash, 3h @ 550°C (%)	0689	6.525	0.0300	6.548	0.0696	0.0670	35	-0.33	0%	0
005.05	Ash, 3h @ 550°C (%)	0619	6.535	0.0500	6.548	0.0696	0.0670	35	-0.18	0%	0
005.05	Ash, 3h @ 550°C (%)	2192	6.535	0.0700	6.548	0.0696	0.0670	35	-0.18	0%	0
005.05	Ash, 3h @ 550°C (%)	2420	6.535	0.0100	6.548	0.0696	0.0670	35	-0.18	0%	0
005.05	Ash, 3h @ 550°C (%)	2424	6.540	0.0800	6.548	0.0696	0.0670	35	-0.11	0%	0
005.05	Ash, 3h @ 550°C (%)	2129	6.543	0.0868	6.548	0.0696	0.0670	35	-0.06	0%	0
005.05	Ash, 3h @ 550°C (%)	0590	6.550	0.0800	6.548	0.0696	0.0670	35	0.03	0%	0
005.05	Ash, 3h @ 550°C (%)	2421	6.555	0.0100	6.548	0.0696	0.0670	35	0.10	0%	0
005.05	Ash, 3h @ 550°C (%)	0065	6.560	0.1000	6.548	0.0696	0.0670	35	0.18	0%	0
005.05	Ash, 3h @ 550°C (%)	2109	6.560	0.0600	6.548	0.0696	0.0670	35	0.18	0%	0
005.05	Ash, 3h @ 550°C (%)	2416	6.565	0.0300	6.548	0.0696	0.0670	35	0.25	0%	0
005.05	Ash, 3h @ 550°C (%)	0939	6.570	0.1600	6.548	0.0696	0.0670	35	0.32	0%	0
005.05	Ash, 3h @ 550°C (%)	0610	6.580	0.0800	6.548	0.0696	0.0670	35	0.46	0%	0
005.05	Ash, 3h @ 550°C (%)	0263	6.587	0.0060	6.548	0.0696	0.0670	35	0.56	0%	0
005.05	Ash, 3h @ 550°C (%)	2417	6.595	0.1500	6.548	0.0696	0.0670	35	0.68	0%	0
005.05	Ash, 3h @ 550°C (%)	0294	6.600	0.2000	6.548	0.0696	0.0670	35	0.75	0%	0
005.05	Ash, 3h @ 550°C (%)	0034	6.604	0.0210	6.548	0.0696	0.0670	35	0.80	0%	0
005.05	Ash, 3h @ 550°C (%)	2398	6.610	0.0400	6.548	0.0696	0.0670	35	0.90	0%	0
005.05	Ash, 3h @ 550°C (%)	2009	6.611	0.0169	6.548	0.0696	0.0670	35	0.91	0%	0
005.05	Ash, 3h @ 550°C (%)	2426	6.620	0.0000	6.548	0.0696	0.0670	35	1.04	1%	0
005.05	Ash, 3h @ 550°C (%)	0885	6.624	0.0030	6.548	0.0696	0.0670	35	1.10	1%	0
005.05	Ash, 3h @ 550°C (%)	2422	6.630	0.0800	6.548	0.0696	0.0670	35	1.18	1%	0
005.05	Ash, 3h @ 550°C (%)	0190	6.650	0.0600	6.548	0.0696	0.0670	35	1.47	1%	0
005.05	Ash, 3h @ 550°C (%)	2418	6.660	0.0400	6.548	0.0696	0.0670	35	1.61	1%	0
005.11	Ash, NIR (%)	2389	5.925	0.0300				3			0
005.11	Ash, NIR (%)	0889	7.480	0.1200				3			0
005.11	Ash, NIR (%)	0297	9.380	0.1800				3			0
005.99	Ash, Miscellaneous (%)	0644	5.999	0.0650	6.445	0.1367	0.0688	13	-3.27	3%	0
005.99	Ash, Miscellaneous (%)	0546	6.255	0.0700	6.445	0.1367	0.0688	13	-1.39	1%	0
005.99	Ash, Miscellaneous (%)	0019	6.350	0.1000	6.445	0.1367	0.0688	13	-0.69	1%	0
005.99	Ash, Miscellaneous (%)	0914	6.395	0.1100	6.445	0.1367	0.0688	13	-0.37	0%	0
005.99	Ash, Miscellaneous (%)	0884	6.400	0.0000	6.445	0.1367	0.0688	13	-0.33	0%	0
005.99	Ash, Miscellaneous (%)	2319	6.400	0.2000	6.445	0.1367	0.0688	13	-0.33	0%	0
005.99	Ash, Miscellaneous (%)	0202	6.465	0.1100	6.445	0.1367	0.0688	13	0.15	0%	0
005.99	Ash, Miscellaneous (%)	2360	6.485	0.0500	6.445	0.1367	0.0688	13	0.29	0%	0
005.99	Ash, Miscellaneous (%)	2023	6.490	0.1000	6.445	0.1367	0.0688	13	0.33	0%	0
005.99	Ash, Miscellaneous (%)	2409	6.500	0.0200	6.445	0.1367	0.0688	13	0.40	0%	0
005.99	Ash, Miscellaneous (%)	0652	6.600	0.0000	6.445	0.1367	0.0688	13	1.13	1%	0



Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
005.99	Ash, Miscellaneous (%)	0910	6.600	0.0000	6.445	0.1367	0.0688	13	1.13	1%	0
005.99	Ash, Miscellaneous (%)	0676	6.605	0.0700	6.445	0.1367	0.0688	13	1.17	1%	0
006.00	Total Sugars, As sucrose (%)	0407	0.7000	0.0200				2			0
006.00	Total Sugars, As sucrose (%)	0910	1.855	0.0300				2			0
006.99	Total Sugars, Miscellaneous (%)	0226	1.550	0.2800				2			0
006.99	Total Sugars, Miscellaneous (%)	0956	2.700	0.2000				2			0
008.02	Fiber, Acid Detergent, Crucible (%)	0345	2.375	0.1500	3.694	0.9010	0.1323	13	-1.46	18%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0676	2.865	0.0500	3.694	0.9010	0.1323	13	-0.92	11%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0948	3.010	0.1000	3.694	0.9010	0.1323	13	-0.76	9%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0674	3.180	0.0000	3.694	0.9010	0.1323	13	-0.57	7%	0
008.02	Fiber, Acid Detergent, Crucible (%)	2246	3.248	0.4500	3.694	0.9010	0.1323	13	-0.50	6%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0098	3.275	0.0500	3.694	0.9010	0.1323	13	-0.47	6%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0689	3.650	0.3000	3.694	0.9010	0.1323	13	-0.05	1%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0309	3.719	0.0089	3.694	0.9010	0.1323	13	0.03	0%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0353	4.165	0.1100	3.694	0.9010	0.1323	13	0.52	6%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0964	4.196	0.2310	3.694	0.9010	0.1323	13	0.56	7%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0171	4.705	0.0100	3.694	0.9010	0.1323	13	1.12	14%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0148	4.755	0.2300	3.694	0.9010	0.1323	13	1.18	14%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0226	4.885	0.0300	3.694	0.9010	0.1323	13	1.32	16%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2345	0.2200	0.0200	3.922	0.8091	0.2332	40	-4.58	47%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0968	2.565	0.5500	3.922	0.8091	0.2332	40	-1.68	17%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0278	2.700	0.2000	3.922	0.8091	0.2332	40	-1.51	16%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2129	2.780	0.0800	3.922	0.8091	0.2332	40	-1.41	15%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0956	2.800	0.2000	3.922	0.8091	0.2332	40	-1.39	14%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0885	2.840	0.1800	3.922	0.8091	0.2332	40	-1.34	14%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0294	3.200	0.0000	3.922	0.8091	0.2332	40	-0.89	9%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0511	3.250	0.7000	3.922	0.8091	0.2332	40	-0.83	9%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0939	3.280	0.0800	3.922	0.8091	0.2332	40	-0.79	8%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0066	3.460	0.1400	3.922	0.8091	0.2332	40	-0.57	6%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2190	3.590	0.3000	3.922	0.8091	0.2332	40	-0.41	4%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0297	3.600	0.4000	3.922	0.8091	0.2332	40	-0.40	4%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0510	3.600	0.2000	3.922	0.8091	0.2332	40	-0.40	4%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0354	3.630	0.3000	3.922	0.8091	0.2332	40	-0.36	4%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0848	3.665	0.0100	3.922	0.8091	0.2332	40	-0.32	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0619	3.735	0.6100	3.922	0.8091	0.2332	40	-0.23	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0004	3.790	0.5000	3.922	0.8091	0.2332	40	-0.16	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0889	3.795	0.0700	3.922	0.8091	0.2332	40	-0.16	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0366	3.800	0.2000	3.922	0.8091	0.2332	40	-0.15	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0581	3.895	0.4900	3.922	0.8091	0.2332	40	-0.03	0%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0148	3.955	0.0500	3.922	0.8091	0.2332	40	0.04	0%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0001	4.075	0.4390	3.922	0.8091	0.2332	40	0.19	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2196	4.100	0.0000	3.922	0.8091	0.2332	40	0.22	2%	0

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008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0504	4.140	0.1400	3.922	0.8091	0.2332	40	0.27	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0870	4.172	0.1807	3.922	0.8091	0.2332	40	0.31	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0407	4.197	0.1855	3.922	0.8091	0.2332	40	0.34	4%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0675	4.200	0.0600	3.922	0.8091	0.2332	40	0.34	4%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2409	4.205	1.070	3.922	0.8091	0.2332	40	0.35	4%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0358	4.250	0.4200	3.922	0.8091	0.2332	40	0.41	4%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0042	4.335	0.0900	3.922	0.8091	0.2332	40	0.51	5%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0263	4.603	0.0630	3.922	0.8091	0.2332	40	0.84	9%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0164	4.650	0.3000	3.922	0.8091	0.2332	40	0.90	9%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0190	4.655	0.0300	3.922	0.8091	0.2332	40	0.91	9%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0726	4.655	0.0300	3.922	0.8091	0.2332	40	0.91	9%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0083	4.765	0.2100	3.922	0.8091	0.2332	40	1.04	11%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0918	4.825	0.3510	3.922	0.8091	0.2332	40	1.12	12%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0646	4.925	0.0500	3.922	0.8091	0.2332	40	1.24	13%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2375	5.075	0.3500	3.922	0.8091	0.2332	40	1.42	15%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0037	5.385	0.0100	3.922	0.8091	0.2332	40	1.81	19%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0357	5.995	0.0700	3.922	0.8091	0.2332	40	2.56	26%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0045	4.585	1.670	3.922	0.8091	0.2332	40	0.82	8%	1
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0049	5.570	1.780	3.922	0.8091	0.2332	40	2.04	21%	1
008.99	Fiber, Acid Detergent, Miscellaneous (%)	0027	4.055	0.1300	4.446	0.4438	0.2825	4			0
008.99	Fiber, Acid Detergent, Miscellaneous (%)	0610	4.200	0.4800	4.446	0.4438	0.2825	4			0
008.99	Fiber, Acid Detergent, Miscellaneous (%)	0265	4.470	0.0600	4.446	0.4438	0.2825	4			0
008.99	Fiber, Acid Detergent, Miscellaneous (%)	0941	5.060	0.4600	4.446	0.4438	0.2825	4			0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0353	8.175	0.1300	11.48	2.675	0.3193	12	-1.24	14%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0098	8.655	0.8500	11.48	2.675	0.3193	12	-1.06	12%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0345	8.700	0.2000	11.48	2.675	0.3193	12	-1.04	12%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0948	10.25	0.0100	11.48	2.675	0.3193	12	-0.46	5%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0964	10.30	0.0560	11.48	2.675	0.3193	12	-0.44	5%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	2192	11.00	0.6000	11.48	2.675	0.3193	12	-0.18	2%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0226	12.15	0.3600	11.48	2.675	0.3193	12	0.25	3%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0674	12.60	0.0000	11.48	2.675	0.3193	12	0.42	5%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0610	12.80	0.6000	11.48	2.675	0.3193	12	0.49	6%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0689	13.20	0.2000	11.48	2.675	0.3193	12	0.64	7%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0309	14.47	0.1524	11.48	2.675	0.3193	12	1.12	13%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	2246	20.56	0.6736	11.48	2.675	0.3193	12	3.39	40%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0676	11.58	2.346	11.48	2.675	0.3193	12	0.04	0%	1
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	2345	0.2150	0.0500	11.90	2.127	0.5129	37	-5.49	49%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0297	7.100	1.000	11.90	2.127	0.5129	37	-2.26	20%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0939	9.650	0.6600	11.90	2.127	0.5129	37	-1.06	9%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0263	9.902	0.3530	11.90	2.127	0.5129	37	-0.94	8%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0407	9.902	0.0602	11.90	2.127	0.5129	37	-0.94	8%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0885	10.10	0.0795	11.90	2.127	0.5129	37	-0.84	8%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	2190	10.11	0.4600	11.90	2.127	0.5129	37	-0.84	8%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0870	10.13	0.0154	11.90	2.127	0.5129	37	-0.83	7%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0083	10.16	0.1200	11.90	2.127	0.5129	37	-0.82	7%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0581	10.22	0.2700	11.90	2.127	0.5129	37	-0.79	7%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	2129	10.56	0.4500	11.90	2.127	0.5129	37	-0.63	6%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0956	10.90	1.400	11.90	2.127	0.5129	37	-0.47	4%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0037	10.91	0.3600	11.90	2.127	0.5129	37	-0.46	4%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0619	10.92	0.2100	11.90	2.127	0.5129	37	-0.46	4%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0066	11.02	0.2100	11.90	2.127	0.5129	37	-0.41	4%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0148	11.36	0.5700	11.90	2.127	0.5129	37	-0.25	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0504	11.59	0.3100	11.90	2.127	0.5129	37	-0.15	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	2375	11.74	0.5400	11.90	2.127	0.5129	37	-0.07	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0278	11.75	0.1000	11.90	2.127	0.5129	37	-0.07	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0190	11.79	0.0700	11.90	2.127	0.5129	37	-0.05	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0726	11.79	0.0700	11.90	2.127	0.5129	37	-0.05	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0918	12.02	2.739	11.90	2.127	0.5129	37	0.06	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	2196	12.12	0.0000	11.90	2.127	0.5129	37	0.11	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0164	12.20	0.4000	11.90	2.127	0.5129	37	0.14	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0510	12.20	0.6000	11.90	2.127	0.5129	37	0.14	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0646	12.67	0.2500	11.90	2.127	0.5129	37	0.36	3%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0358	12.76	0.5000	11.90	2.127	0.5129	37	0.41	4%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0294	13.10	0.8000	11.90	2.127	0.5129	37	0.57	5%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0045	13.10	0.4000	11.90	2.127	0.5129	37	0.57	5%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0357	13.82	0.1700	11.90	2.127	0.5129	37	0.90	8%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0265	14.40	0.2000	11.90	2.127	0.5129	37	1.18	11%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0968	14.47	1.820	11.90	2.127	0.5129	37	1.21	11%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0675	15.39	0.0500	11.90	2.127	0.5129	37	1.64	15%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0889	15.84	0.4300	11.90	2.127	0.5129	37	1.85	17%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0848	16.21	0.0600	11.90	2.127	0.5129	37	2.03	18%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0366	16.40	1.800	11.90	2.127	0.5129	37	2.12	19%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0354	18.37	1.400	11.90	2.127	0.5129	37	3.04	27%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0049	12.90	3.270	11.90	2.127	0.5129	37	0.47	4%	1
009.99	Fiber, Neutral Detergent, Miscellaneous (%)	0889	11.34	0.3800				2			0
009.99	Fiber, Neutral Detergent, Miscellaneous (%)	0941	13.02	0.1400				2			0
010.03	Moisture, Karl-Fischer (%)	0164	6.890	0.0400				2			0
010.03	Moisture, Karl-Fischer (%)	0843	7.655	0.0300				2			0
010.11	Moisture, NIR (%)	0889	6.965	0.0700				1			0
010.99	Moisture, Miscellaneous (%)	0546	5.120	0.1800	6.920	0.3095	0.1138	16	-5.82	13%	0
010.99	Moisture, Miscellaneous (%)	2076	5.965	0.2300	6.920	0.3095	0.1138	16	-3.09	7%	0
010.99	Moisture, Miscellaneous (%)	2129	6.595	0.1240	6.920	0.3095	0.1138	16	-1.05	2%	0
010.99	Moisture, Miscellaneous (%)	2409	6.705	0.1900	6.920	0.3095	0.1138	16	-0.69	2%	0
010.99	Moisture, Miscellaneous (%)	2375	6.785	0.0100	6.920	0.3095	0.1138	16	-0.44	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
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010.99	Moisture, Miscellaneous (%)	0692	6.800	0.4000	6.920	0.3095	0.1138	16	-0.39	1%	0
010.99	Moisture, Miscellaneous (%)	0019	6.890	0.0600	6.920	0.3095	0.1138	16	-0.10	0%	0
010.99	Moisture, Miscellaneous (%)	0726	6.965	0.0300	6.920	0.3095	0.1138	16	0.15	0%	0
010.99	Moisture, Miscellaneous (%)	0948	6.970	0.0200	6.920	0.3095	0.1138	16	0.16	0%	0
010.99	Moisture, Miscellaneous (%)	0939	6.995	0.3500	6.920	0.3095	0.1138	16	0.24	1%	0
010.99	Moisture, Miscellaneous (%)	2150	7.075	0.0300	6.920	0.3095	0.1138	16	0.50	1%	0
010.99	Moisture, Miscellaneous (%)	0884	7.100	0.0000	6.920	0.3095	0.1138	16	0.58	1%	0
010.99	Moisture, Miscellaneous (%)	2089	7.120	0.0200	6.920	0.3095	0.1138	16	0.65	1%	0
010.99	Moisture, Miscellaneous (%)	0652	7.150	0.1000	6.920	0.3095	0.1138	16	0.74	2%	0
010.99	Moisture, Miscellaneous (%)	0190	7.275	0.0500	6.920	0.3095	0.1138	16	1.15	3%	0
010.99	Moisture, Miscellaneous (%)	0964	7.407	0.0270	6.920	0.3095	0.1138	16	1.57	4%	0
010.99	Moisture, Miscellaneous (%)	0622	4.866	3.023	6.920	0.3095	0.1138	16	-6.64	15%	1
011.01	Loss on Drying, HT, 135°C 2hr (%)	2359	6.500	0.0000	7.547	0.2635	0.0946	65	-3.97	7%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0859	6.766	0.1080	7.547	0.2635	0.0946	65	-2.96	5%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0047	7.000	0.0000	7.547	0.2635	0.0946	65	-2.08	4%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0682	7.070	0.0000	7.547	0.2635	0.0946	65	-1.81	3%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2200	7.100	0.2000	7.547	0.2635	0.0946	65	-1.70	3%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0229	7.120	0.1600	7.547	0.2635	0.0946	65	-1.62	3%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2199	7.150	0.1000	7.547	0.2635	0.0946	65	-1.51	3%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0553	7.290	0.2000	7.547	0.2635	0.0946	65	-0.98	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0685	7.290	0.1200	7.547	0.2635	0.0946	65	-0.98	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2326	7.300	0.0200	7.547	0.2635	0.0946	65	-0.94	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0100	7.340	0.0600	7.547	0.2635	0.0946	65	-0.79	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0226	7.340	0.0800	7.547	0.2635	0.0946	65	-0.79	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0848	7.355	0.1100	7.547	0.2635	0.0946	65	-0.73	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2325	7.365	0.0100	7.547	0.2635	0.0946	65	-0.69	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0171	7.375	0.0100	7.547	0.2635	0.0946	65	-0.65	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0208	7.380	0.1600	7.547	0.2635	0.0946	65	-0.63	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0643	7.385	0.0060	7.547	0.2635	0.0946	65	-0.62	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0539	7.400	0.1600	7.547	0.2635	0.0946	65	-0.56	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0675	7.410	0.0800	7.547	0.2635	0.0946	65	-0.52	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0263	7.416	0.0410	7.547	0.2635	0.0946	65	-0.50	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2312	7.420	0.0000	7.547	0.2635	0.0946	65	-0.48	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0953	7.430	0.0200	7.547	0.2635	0.0946	65	-0.44	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0425	7.455	0.0300	7.547	0.2635	0.0946	65	-0.35	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0066	7.460	0.0600	7.547	0.2635	0.0946	65	-0.33	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0968	7.465	0.0100	7.547	0.2635	0.0946	65	-0.31	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2188	7.470	0.0000	7.547	0.2635	0.0946	65	-0.29	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2022	7.485	0.0300	7.547	0.2635	0.0946	65	-0.24	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2268	7.490	0.2000	7.547	0.2635	0.0946	65	-0.22	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0242	7.515	0.0700	7.547	0.2635	0.0946	65	-0.12	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0563	7.528	0.2357	7.547	0.2635	0.0946	65	-0.07	0%	0

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011.01	Loss on Drying, HT, 135°C 2hr (%)	0574	7.530	0.0400	7.547	0.2635	0.0946	65	-0.07	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0354	7.540	0.0200	7.547	0.2635	0.0946	65	-0.03	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0674	7.540	0.0000	7.547	0.2635	0.0946	65	-0.03	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0520	7.545	0.0300	7.547	0.2635	0.0946	65	-0.01	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0294	7.550	0.1000	7.547	0.2635	0.0946	65	0.01	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0646	7.555	0.0300	7.547	0.2635	0.0946	65	0.03	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0004	7.565	0.0700	7.547	0.2635	0.0946	65	0.07	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0511	7.565	0.0500	7.547	0.2635	0.0946	65	0.07	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2033	7.565	0.0100	7.547	0.2635	0.0946	65	0.07	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0108	7.580	0.0800	7.547	0.2635	0.0946	65	0.12	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0144	7.605	0.0300	7.547	0.2635	0.0946	65	0.22	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2196	7.610	0.0000	7.547	0.2635	0.0946	65	0.24	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0870	7.611	0.1743	7.547	0.2635	0.0946	65	0.24	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2337	7.615	0.0100	7.547	0.2635	0.0946	65	0.26	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0622	7.629	0.0075	7.547	0.2635	0.0946	65	0.31	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0062	7.645	0.1300	7.547	0.2635	0.0946	65	0.37	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0202	7.665	0.3300	7.547	0.2635	0.0946	65	0.45	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2184	7.695	0.2100	7.547	0.2635	0.0946	65	0.56	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0309	7.705	0.1100	7.547	0.2635	0.0946	65	0.60	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2073	7.730	0.0400	7.547	0.2635	0.0946	65	0.69	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0098	7.740	0.3600	7.547	0.2635	0.0946	65	0.73	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0728	7.770	0.0400	7.547	0.2635	0.0946	65	0.85	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0123	7.775	0.0500	7.547	0.2635	0.0946	65	0.86	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0589	7.780	0.1000	7.547	0.2635	0.0946	65	0.88	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0651	7.798	0.4683	7.547	0.2635	0.0946	65	0.95	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0541	7.860	0.2400	7.547	0.2635	0.0946	65	1.19	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0265	7.900	0.2000	7.547	0.2635	0.0946	65	1.34	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0358	7.900	0.1600	7.547	0.2635	0.0946	65	1.34	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2006	7.915	0.0900	7.547	0.2635	0.0946	65	1.40	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2246	7.961	0.0126	7.547	0.2635	0.0946	65	1.57	3%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0618	7.965	0.0500	7.547	0.2635	0.0946	65	1.59	3%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0164	7.995	0.0100	7.547	0.2635	0.0946	65	1.70	3%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0510	8.000	0.0000	7.547	0.2635	0.0946	65	1.72	3%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0407	8.387	0.0184	7.547	0.2635	0.0946	65	3.19	6%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0880	8.430	0.6000	7.547	0.2635	0.0946	65	3.35	6%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0843	7.290	0.7400	7.547	0.2635	0.0946	65	-0.98	2%	1
011.01	Loss on Drying, HT, 135°C 2hr (%)	2174	11.03	1.170	7.547	0.2635	0.0946	65	13.20	23%	2
011.02	Loss on Drying, HT, 130°C for 2 hours (%)	0417	7.065	0.3500	7.348	0.2353	0.1450	4			0
011.02	Loss on Drying, HT, 130°C for 2 hours (%)	0942	7.325	0.0100	7.348	0.2353	0.1450	4			0
011.02	Loss on Drying, HT, 130°C for 2 hours (%)	0529	7.360	0.1000	7.348	0.2353	0.1450	4			0
011.02	Loss on Drying, HT, 130°C for 2 hours (%)	2023	7.640	0.1200	7.348	0.2353	0.1450	4			0
011.99	Loss on Drying, HT, High Temp. Methods Miscellaneous (	2174	6.795	0.3300	7.245	0.4247	0.2055	4			0

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011.99	Loss on Drying, HT, High Temp. Methods Miscellaneous (	2168	7.065	0.4700	7.245	0.4247	0.2055	4			0
011.99	Loss on Drying, HT, High Temp. Methods Miscellaneous (	2303	7.329	0.0100	7.245	0.4247	0.2055	4			0
011.99	Loss on Drying, HT, High Temp. Methods Miscellaneous (	0006	7.792	0.0120	7.245	0.4247	0.2055	4			0
012.00	Starch, Polarimetric (Ewers) (%)	2192	31.42	0.8400	33.05	1.134	0.2990	10	-1.44	2%	0
012.00	Starch, Polarimetric (Ewers) (%)	0689	31.80	0.2000	33.05	1.134	0.2990	10	-1.10	2%	0
012.00	Starch, Polarimetric (Ewers) (%)	2188	32.26	0.3800	33.05	1.134	0.2990	10	-0.70	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0910	32.85	0.5000	33.05	1.134	0.2990	10	-0.18	0%	0
012.00	Starch, Polarimetric (Ewers) (%)	2009	33.15	0.1483	33.05	1.134	0.2990	10	0.09	0%	0
012.00	Starch, Polarimetric (Ewers) (%)	0610	33.35	0.3000	33.05	1.134	0.2990	10	0.26	0%	0
012.00	Starch, Polarimetric (Ewers) (%)	0354	33.49	0.2720	33.05	1.134	0.2990	10	0.39	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	2006	33.65	0.1400	33.05	1.134	0.2990	10	0.53	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0619	33.80	0.0000	33.05	1.134	0.2990	10	0.66	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0848	34.89	0.2100	33.05	1.134	0.2990	10	1.62	3%	0
012.00	Starch, Polarimetric (Ewers) (%)	0164	31.80	1.800	33.05	1.134	0.2990	10	-1.10	2%	1
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0676	26.85	0.2800	32.16	2.048	1.002	13	-2.59	8%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0265	27.65	0.7000	32.16	2.048	1.002	13	-2.20	7%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0918	30.61	1.825	32.16	2.048	1.002	13	-0.76	2%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0885	31.45	0.9534	32.16	2.048	1.002	13	-0.35	1%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	2242	31.81	2.390	32.16	2.048	1.002	13	-0.17	1%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0407	32.26	0.5806	32.16	2.048	1.002	13	0.05	0%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0870	32.26	1.210	32.16	2.048	1.002	13	0.05	0%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0148	32.53	0.6900	32.16	2.048	1.002	13	0.18	1%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0956	32.65	1.300	32.16	2.048	1.002	13	0.24	1%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0045	33.40	1.200	32.16	2.048	1.002	13	0.60	2%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0366	33.85	1.500	32.16	2.048	1.002	13	0.82	3%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0164	33.90	0.2000	32.16	2.048	1.002	13	0.85	3%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	2089	35.89	0.2000	32.16	2.048	1.002	13	1.82	6%	0
012.03	Starch, Enzymatic-Colorimetric Method, Miscellaneous (%)	0407	28.23	0.8434				3			0
012.03	Starch, Enzymatic-Colorimetric Method, Miscellaneous (%)	0066	31.13	0.5200				3			0
012.03	Starch, Enzymatic-Colorimetric Method, Miscellaneous (%)	0297	32.49	0.3400				3			0
012.04	Starch, Enzymatic-Enzyme Membrane Technology (YSI) (	0226	30.95	1.060	33.14	1.833	0.8270	7	-1.19	3%	0
012.04	Starch, Enzymatic-Enzyme Membrane Technology (YSI) (	0510	31.25	0.3000	33.14	1.833	0.8270	7	-1.03	3%	0
012.04	Starch, Enzymatic-Enzyme Membrane Technology (YSI) (	2129	32.90	1.779	33.14	1.833	0.8270	7	-0.13	0%	0
012.04	Starch, Enzymatic-Enzyme Membrane Technology (YSI) (	0674	33.01	0.0000	33.14	1.833	0.8270	7	-0.07	0%	0
012.04	Starch, Enzymatic-Enzyme Membrane Technology (YSI) (	0278	34.00	1.200	33.14	1.833	0.8270	7	0.47	1%	0
012.04	Starch, Enzymatic-Enzyme Membrane Technology (YSI) (	0948	34.83	0.1500	33.14	1.833	0.8270	7	0.92	3%	0
012.04	Starch, Enzymatic-Enzyme Membrane Technology (YSI) (	0098	35.05	1.300	33.14	1.833	0.8270	7	1.04	3%	0
012.11	Starch, NIR (%)	0889	31.03	0.3500				1			0
012.20	Starch, Dietary, Enzymatic-Colorimetric (%)	0353	32.18	0.7800				1			0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	2345	9.775	1.250	10.54	0.5758	0.2050	20	-1.33	4%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0242	9.840	0.5200	10.54	0.5758	0.2050	20	-1.21	3%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	2076	9.985	0.0100	10.54	0.5758	0.2050	20	-0.96	3%	0

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013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0083	10.07	0.2600	10.54	0.5758	0.2050	20	-0.82	2%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	2073	10.10	0.1500	10.54	0.5758	0.2050	20	-0.77	2%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	2319	10.15	0.1000	10.54	0.5758	0.2050	20	-0.68	2%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	2187	10.21	0.0200	10.54	0.5758	0.2050	20	-0.57	2%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0650	10.30	0.0000	10.54	0.5758	0.2050	20	-0.42	1%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0948	10.31	0.0800	10.54	0.5758	0.2050	20	-0.40	1%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0689	10.35	0.1000	10.54	0.5758	0.2050	20	-0.33	1%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0618	10.41	0.3496	10.54	0.5758	0.2050	20	-0.22	1%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0652	10.70	0.0000	10.54	0.5758	0.2050	20	0.28	1%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0884	10.75	0.1000	10.54	0.5758	0.2050	20	0.37	1%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0229	10.83	0.2400	10.54	0.5758	0.2050	20	0.51	1%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0035	10.89	0.1000	10.54	0.5758	0.2050	20	0.61	2%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	2089	11.09	0.1000	10.54	0.5758	0.2050	20	0.96	3%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0541	11.13	0.2800	10.54	0.5758	0.2050	20	1.03	3%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	2150	11.23	0.0500	10.54	0.5758	0.2050	20	1.19	3%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0309	11.27	0.2901	10.54	0.5758	0.2050	20	1.27	3%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0202	11.45	0.1000	10.54	0.5758	0.2050	20	1.58	4%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0297	8.335	1.730	10.54	0.5758	0.2050	20	-3.83	10%	1
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0065	9.945	0.2700	10.80	0.4354	0.2124	34	-1.97	4%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0038	10.09	0.3000	10.80	0.4354	0.2124	34	-1.64	3%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0682	10.10	0.0000	10.80	0.4354	0.2124	34	-1.62	3%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0914	10.20	0.1600	10.80	0.4354	0.2124	34	-1.39	3%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0853	10.30	0.2000	10.80	0.4354	0.2124	34	-1.16	2%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	2312	10.34	0.0300	10.80	0.4354	0.2124	34	-1.08	2%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0017	10.45	0.3000	10.80	0.4354	0.2124	34	-0.81	2%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0013	10.50	0.3200	10.80	0.4354	0.2124	34	-0.70	1%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0100	10.55	0.3400	10.80	0.4354	0.2124	34	-0.59	1%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	2420	10.60	0.2200	10.80	0.4354	0.2124	34	-0.47	1%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	2424	10.63	0.1600	10.80	0.4354	0.2124	34	-0.40	1%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	2426	10.64	0.0900	10.80	0.4354	0.2124	34	-0.39	1%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	2416	10.67	0.2300	10.80	0.4354	0.2124	34	-0.32	1%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	2422	10.76	0.1300	10.80	0.4354	0.2124	34	-0.11	0%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0553	10.78	0.9000	10.80	0.4354	0.2124	34	-0.06	0%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0870	10.78	0.6024	10.80	0.4354	0.2124	34	-0.05	0%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	2417	10.82	0.1600	10.80	0.4354	0.2124	34	0.03	0%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0098	10.83	0.2600	10.80	0.4354	0.2124	34	0.06	0%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0921	10.85	0.3064	10.80	0.4354	0.2124	34	0.10	0%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	2419	10.89	0.1200	10.80	0.4354	0.2124	34	0.20	0%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	2418	10.93	0.0700	10.80	0.4354	0.2124	34	0.28	1%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0001	10.95	0.3560	10.80	0.4354	0.2124	34	0.33	1%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0148	10.96	0.0400	10.80	0.4354	0.2124	34	0.36	1%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0407	10.97	0.0680	10.80	0.4354	0.2124	34	0.37	1%	0

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013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0164	11.03	0.0300	10.80	0.4354	0.2124	34	0.51	1%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0004	11.07	0.1800	10.80	0.4354	0.2124	34	0.61	1%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	2421	11.08	0.2000	10.80	0.4354	0.2124	34	0.63	1%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	2399	11.22	0.0000	10.80	0.4354	0.2124	34	0.95	2%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0011	11.25	0.0900	10.80	0.4354	0.2124	34	1.01	2%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0171	11.28	0.0900	10.80	0.4354	0.2124	34	1.08	2%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	2359	11.30	0.0000	10.80	0.4354	0.2124	34	1.14	2%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0643	11.41	0.3500	10.80	0.4354	0.2124	34	1.38	3%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	2398	11.63	0.3700	10.80	0.4354	0.2124	34	1.88	4%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0676	11.64	0.2800	10.80	0.4354	0.2124	34	1.92	4%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0010	11.70	1.400	10.80	0.4354	0.2124	34	2.06	4%	1
013.08	Fat, Base Pretreat, Roese-Gottlieb Modified (%)	0618	7.232	0.0246				1			0
013.10	Fat, Acid Pretreat, Soxtec-Acid Hydrolysis (%)	0885	9.454	0.2422	10.22	0.3576	0.3104	9	-2.14	4%	0
013.10	Fat, Acid Pretreat, Soxtec-Acid Hydrolysis (%)	2188	9.950	0.0000	10.22	0.3576	0.3104	9	-0.75	1%	0
013.10	Fat, Acid Pretreat, Soxtec-Acid Hydrolysis (%)	2196	9.970	0.0000	10.22	0.3576	0.3104	9	-0.69	1%	0
013.10	Fat, Acid Pretreat, Soxtec-Acid Hydrolysis (%)	0036	10.13	0.4411	10.22	0.3576	0.3104	9	-0.23	0%	0
013.10	Fat, Acid Pretreat, Soxtec-Acid Hydrolysis (%)	2124	10.28	0.4900	10.22	0.3576	0.3104	9	0.16	0%	0
013.10	Fat, Acid Pretreat, Soxtec-Acid Hydrolysis (%)	0610	10.35	0.1000	10.22	0.3576	0.3104	9	0.37	1%	0
013.10	Fat, Acid Pretreat, Soxtec-Acid Hydrolysis (%)	0353	10.36	0.8700	10.22	0.3576	0.3104	9	0.38	1%	0
013.10	Fat, Acid Pretreat, Soxtec-Acid Hydrolysis (%)	2268	10.61	0.4500	10.22	0.3576	0.3104	9	1.08	2%	0
013.10	Fat, Acid Pretreat, Soxtec-Acid Hydrolysis (%)	0028	10.64	0.2000	10.22	0.3576	0.3104	9	1.18	2%	0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0510	9.300	0.1200	10.42	0.4208	0.3261	19	-2.67	5%	0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	2363	9.795	0.2900	10.42	0.4208	0.3261	19	-1.49	3%	0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0939	10.09	0.0500	10.42	0.4208	0.3261	19	-0.80	2%	0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0581	10.13	0.2800	10.42	0.4208	0.3261	19	-0.69	1%	0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0033	10.14	0.3900	10.42	0.4208	0.3261	19	-0.68	1%	0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	2129	10.23	0.0460	10.42	0.4208	0.3261	19	-0.46	1%	0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0265	10.25	0.3000	10.42	0.4208	0.3261	19	-0.41	1%	0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0675	10.25	0.0400	10.42	0.4208	0.3261	19	-0.41	1%	0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0019	10.32	0.4500	10.42	0.4208	0.3261	19	-0.26	1%	0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0009	10.42	0.5600	10.42	0.4208	0.3261	19	-0.01	0%	0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0407	10.52	0.0398	10.42	0.4208	0.3261	19	0.23	0%	0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0968	10.56	0.7800	10.42	0.4208	0.3261	19	0.33	1%	0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0511	10.56	0.5000	10.42	0.4208	0.3261	19	0.33	1%	0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	2302	10.57	0.1400	10.42	0.4208	0.3261	19	0.35	1%	0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0651	10.65	0.4510	10.42	0.4208	0.3261	19	0.53	1%	0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0354	10.68	0.0700	10.42	0.4208	0.3261	19	0.60	1%	0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0843	10.99	0.7700	10.42	0.4208	0.3261	19	1.34	3%	0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0013	11.39	0.1000	10.42	0.4208	0.3261	19	2.30	5%	0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0876	11.46	0.8200	10.42	0.4208	0.3261	19	2.47	5%	0
014.99	Fiber, Total Dietary, Miscellaneous (%)	0164	8.300	0.6000				1			0
015.41	Aluminum, ICP, Dry ash (ppm)	0049	54.39	2.670	63.66	7.658	1.007	4			0



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015.41	Aluminum, ICP, Dry ash (ppm)	0407	62.31	0.2574	63.66	7.658	1.007	4			0
015.41	Aluminum, ICP, Dry ash (ppm)	0164	65.00	0.0000	63.66	7.658	1.007	4			0
015.41	Aluminum, ICP, Dry ash (ppm)	0171	72.95	1.100	63.66	7.658	1.007	4			0
015.41	Aluminum, ICP, Dry ash (ppm)	0520	45.70	12.24	63.66	7.658	1.007	4			1
015.42	Aluminum, ICP, Open vessel (ppm)	0037	46.40	0.4000				2			0
015.42	Aluminum, ICP, Open vessel (ppm)	2129	64.47	1.190				2			0
015.43	Aluminum, ICP, Microwave (ppm)	0510	65.00	2.000	81.33	13.62	3.499	8	-1.20	10%	0
015.43	Aluminum, ICP, Microwave (ppm)	0297	71.50	5.000	81.33	13.62	3.499	8	-0.72	6%	0
015.43	Aluminum, ICP, Microwave (ppm)	0407	72.36	1.230	81.33	13.62	3.499	8	-0.66	6%	0
015.43	Aluminum, ICP, Microwave (ppm)	0169	76.55	0.3000	81.33	13.62	3.499	8	-0.35	3%	0
015.43	Aluminum, ICP, Microwave (ppm)	0345	81.76	2.710	81.33	13.62	3.499	8	0.03	0%	0
015.43	Aluminum, ICP, Microwave (ppm)	0353	91.00	10.00	81.33	13.62	3.499	8	0.71	6%	0
015.43	Aluminum, ICP, Microwave (ppm)	0964	94.95	4.500	81.33	13.62	3.499	8	1.00	8%	0
015.43	Aluminum, ICP, Microwave (ppm)	0876	97.56	2.248	81.33	13.62	3.499	8	1.19	10%	0
015.53	Aluminum, ICP-MS, Microwave (ppm)	0407	85.29	4.505				1			0
015.99	Aluminum, Miscellaneous (ppm)	0123	53.55	4.300				1			0
017.41	Boron, ICP, Dry ash (ppm)	0226	4.495	0.0500	4.686	0.1647	0.6737	4			0
017.41	Boron, ICP, Dry ash (ppm)	0407	4.655	0.2749	4.686	0.1647	0.6737	4			0
017.41	Boron, ICP, Dry ash (ppm)	0358	4.700	0.3400	4.686	0.1647	0.6737	4			0
017.41	Boron, ICP, Dry ash (ppm)	0049	4.895	2.030	4.686	0.1647	0.6737	4			0
017.41	Boron, ICP, Dry ash (ppm)	0229	9.860	2.060	4.686	0.1647	0.6737	4			2
017.42	Boron, ICP, Open vessel (ppm)	0265	3.310	0.3000	4.675	1.285	0.5964	5			0
017.42	Boron, ICP, Open vessel (ppm)	2129	3.447	0.8420	4.675	1.285	0.5964	5			0
017.42	Boron, ICP, Open vessel (ppm)	0037	5.100	0.6000	4.675	1.285	0.5964	5			0
017.42	Boron, ICP, Open vessel (ppm)	0045	5.170	1.140	4.675	1.285	0.5964	5			0
017.42	Boron, ICP, Open vessel (ppm)	0294	6.350	0.1000	4.675	1.285	0.5964	5			0
017.43	Boron, ICP, Microwave (ppm)	0345	4.475	0.0500	5.394	1.173	0.0488	5			0
017.43	Boron, ICP, Microwave (ppm)	0353	5.000	0.0000	5.394	1.173	0.0488	5			0
017.43	Boron, ICP, Microwave (ppm)	0510	5.000	0.0000	5.394	1.173	0.0488	5			0
017.43	Boron, ICP, Microwave (ppm)	0407	5.042	0.0941	5.394	1.173	0.0488	5			0
017.43	Boron, ICP, Microwave (ppm)	0083	7.450	0.1000	5.394	1.173	0.0488	5			0
017.43	Boron, ICP, Microwave (ppm)	0918	5.585	0.4100	5.394	1.173	0.0488	5			1
017.43	Boron, ICP, Microwave (ppm)	0297	0.0000	0.0000	5.394	1.173	0.0488	5			4
017.53	Boron, ICP-MS, Microwave (ppm)	0407	5.360	1.151				1			0
019.00	Calcium, Ox-Mn04 Vol. (%)	2109	1.153	0.0170				2			0
019.00	Calcium, Ox-Mn04 Vol. (%)	2006	1.334	0.0690				2			0
019.08	Calcium, EDTA (%)	2337	1.175	0.0900	1.223	0.0345	0.0382	10	-1.40	2%	0
019.08	Calcium, EDTA (%)	2196	1.190	0.0000	1.223	0.0345	0.0382	10	-0.97	1%	0
019.08	Calcium, EDTA (%)	0689	1.205	0.0300	1.223	0.0345	0.0382	10	-0.53	1%	0
019.08	Calcium, EDTA (%)	2009	1.207	0.0080	1.223	0.0345	0.0382	10	-0.47	1%	0
019.08	Calcium, EDTA (%)	0590	1.215	0.1100	1.223	0.0345	0.0382	10	-0.24	0%	0
019.08	Calcium, EDTA (%)	0885	1.232	0.0062	1.223	0.0345	0.0382	10	0.25	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
019.08	Calcium, EDTA (%)	2199	1.240	0.0800	1.223	0.0345	0.0382	10	0.48	1%	0
019.08	Calcium, EDTA (%)	2200	1.245	0.0100	1.223	0.0345	0.0382	10	0.62	1%	0
019.08	Calcium, EDTA (%)	2188	1.250	0.0000	1.223	0.0345	0.0382	10	0.77	1%	0
019.08	Calcium, EDTA (%)	2190	1.279	0.0478	1.223	0.0345	0.0382	10	1.60	2%	0
019.09	Calcium, Ion-selective electrode (%)	2006	1.330	0.0830				1			0
019.31	Calcium, AAS, Dry ash (%)	0921	1.009	0.1070	1.182	0.0481	0.0307	20	-3.60	7%	0
019.31	Calcium, AAS, Dry ash (%)	2325	1.035	0.0100	1.182	0.0481	0.0307	20	-3.05	6%	0
019.31	Calcium, AAS, Dry ash (%)	0656	1.090	0.0000	1.182	0.0481	0.0307	20	-1.90	4%	0
019.31	Calcium, AAS, Dry ash (%)	2246	1.120	0.0000	1.182	0.0481	0.0307	20	-1.28	3%	0
019.31	Calcium, AAS, Dry ash (%)	0651	1.164	0.0446	1.182	0.0481	0.0307	20	-0.37	1%	0
019.31	Calcium, AAS, Dry ash (%)	0939	1.170	0.0200	1.182	0.0481	0.0307	20	-0.24	0%	0
019.31	Calcium, AAS, Dry ash (%)	0687	1.175	0.0500	1.182	0.0481	0.0307	20	-0.14	0%	0
019.31	Calcium, AAS, Dry ash (%)	0622	1.176	0.0136	1.182	0.0481	0.0307	20	-0.11	0%	0
019.31	Calcium, AAS, Dry ash (%)	0948	1.185	0.0100	1.182	0.0481	0.0307	20	0.07	0%	0
019.31	Calcium, AAS, Dry ash (%)	0646	1.190	0.0200	1.182	0.0481	0.0307	20	0.17	0%	0
019.31	Calcium, AAS, Dry ash (%)	0563	1.193	0.0046	1.182	0.0481	0.0307	20	0.23	0%	0
019.31	Calcium, AAS, Dry ash (%)	0038	1.195	0.0500	1.182	0.0481	0.0307	20	0.28	1%	0
019.31	Calcium, AAS, Dry ash (%)	0001	1.197	0.0040	1.182	0.0481	0.0307	20	0.32	1%	0
019.31	Calcium, AAS, Dry ash (%)	2022	1.200	0.0000	1.182	0.0481	0.0307	20	0.38	1%	0
019.31	Calcium, AAS, Dry ash (%)	2196	1.200	0.0000	1.182	0.0481	0.0307	20	0.38	1%	0
019.31	Calcium, AAS, Dry ash (%)	0142	1.206	0.0810	1.182	0.0481	0.0307	20	0.52	1%	0
019.31	Calcium, AAS, Dry ash (%)	0529	1.210	0.0000	1.182	0.0481	0.0307	20	0.59	1%	0
019.31	Calcium, AAS, Dry ash (%)	0884	1.215	0.1300	1.182	0.0481	0.0307	20	0.69	1%	0
019.31	Calcium, AAS, Dry ash (%)	2360	1.280	0.0200	1.182	0.0481	0.0307	20	2.05	4%	0
019.31	Calcium, AAS, Dry ash (%)	0108	1.295	0.0500	1.182	0.0481	0.0307	20	2.36	5%	0
019.32	Calcium, AAS, Open vessel (%)	0169	1.045	0.0100				1			0
019.41	Calcium, ICP, Dry ash (%)	0848	1.075	0.0500	1.183	0.0835	0.0280	21	-1.29	5%	0
019.41	Calcium, ICP, Dry ash (%)	0520	1.076	0.0530	1.183	0.0835	0.0280	21	-1.29	5%	0
019.41	Calcium, ICP, Dry ash (%)	0144	1.080	0.0000	1.183	0.0835	0.0280	21	-1.23	4%	0
019.41	Calcium, ICP, Dry ash (%)	0674	1.120	0.0000	1.183	0.0835	0.0280	21	-0.75	3%	0
019.41	Calcium, ICP, Dry ash (%)	0910	1.120	0.0200	1.183	0.0835	0.0280	21	-0.75	3%	0
019.41	Calcium, ICP, Dry ash (%)	0619	1.135	0.0500	1.183	0.0835	0.0280	21	-0.57	2%	0
019.41	Calcium, ICP, Dry ash (%)	0004	1.140	0.0600	1.183	0.0835	0.0280	21	-0.51	2%	0
019.41	Calcium, ICP, Dry ash (%)	0358	1.145	0.0300	1.183	0.0835	0.0280	21	-0.45	2%	0
019.41	Calcium, ICP, Dry ash (%)	0098	1.160	0.0600	1.183	0.0835	0.0280	21	-0.27	1%	0
019.41	Calcium, ICP, Dry ash (%)	1023	1.165	0.0100	1.183	0.0835	0.0280	21	-0.21	1%	0
019.41	Calcium, ICP, Dry ash (%)	0019	1.170	0.0200	1.183	0.0835	0.0280	21	-0.15	1%	0
019.41	Calcium, ICP, Dry ash (%)	0229	1.170	0.0400	1.183	0.0835	0.0280	21	-0.15	1%	0
019.41	Calcium, ICP, Dry ash (%)	0066	1.185	0.0700	1.183	0.0835	0.0280	21	0.03	0%	0
019.41	Calcium, ICP, Dry ash (%)	0148	1.200	0.0000	1.183	0.0835	0.0280	21	0.21	1%	0
019.41	Calcium, ICP, Dry ash (%)	2398	1.225	0.0100	1.183	0.0835	0.0280	21	0.51	2%	0
019.41	Calcium, ICP, Dry ash (%)	0407	1.243	0.0290	1.183	0.0835	0.0280	21	0.73	3%	0

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019.41	Calcium, ICP, Dry ash (%)	0049	1.270	0.0200	1.183	0.0835	0.0280	21	1.05	4%	0
019.41	Calcium, ICP, Dry ash (%)	0171	1.270	0.0000	1.183	0.0835	0.0280	21	1.05	4%	0
019.41	Calcium, ICP, Dry ash (%)	0226	1.280	0.0200	1.183	0.0835	0.0280	21	1.17	4%	0
019.41	Calcium, ICP, Dry ash (%)	0354	1.301	0.0060	1.183	0.0835	0.0280	21	1.42	5%	0
019.41	Calcium, ICP, Dry ash (%)	0685	1.310	0.0400	1.183	0.0835	0.0280	21	1.52	5%	0
019.42	Calcium, ICP, Open vessel (%)	0294	1.040	0.0200	1.219	0.1198	0.0399	19	-1.49	7%	0
019.42	Calcium, ICP, Open vessel (%)	2319	1.075	0.1100	1.219	0.1198	0.0399	19	-1.20	6%	0
019.42	Calcium, ICP, Open vessel (%)	2129	1.089	0.0060	1.219	0.1198	0.0399	19	-1.09	5%	0
019.42	Calcium, ICP, Open vessel (%)	0265	1.095	0.1100	1.219	0.1198	0.0399	19	-1.04	5%	0
019.42	Calcium, ICP, Open vessel (%)	0870	1.163	0.0030	1.219	0.1198	0.0399	19	-0.47	2%	0
019.42	Calcium, ICP, Open vessel (%)	0366	1.185	0.0300	1.219	0.1198	0.0399	19	-0.28	1%	0
019.42	Calcium, ICP, Open vessel (%)	0042	1.190	0.0600	1.219	0.1198	0.0399	19	-0.24	1%	0
019.42	Calcium, ICP, Open vessel (%)	0045	1.190	0.0800	1.219	0.1198	0.0399	19	-0.24	1%	0
019.42	Calcium, ICP, Open vessel (%)	0035	1.200	0.0000	1.219	0.1198	0.0399	19	-0.16	1%	0
019.42	Calcium, ICP, Open vessel (%)	0263	1.201	0.0010	1.219	0.1198	0.0399	19	-0.15	1%	0
019.42	Calcium, ICP, Open vessel (%)	0037	1.220	0.0390	1.219	0.1198	0.0399	19	0.00	0%	0
019.42	Calcium, ICP, Open vessel (%)	0692	1.220	0.0400	1.219	0.1198	0.0399	19	0.01	0%	0
019.42	Calcium, ICP, Open vessel (%)	0504	1.224	0.0450	1.219	0.1198	0.0399	19	0.04	0%	0
019.42	Calcium, ICP, Open vessel (%)	0357	1.265	0.0020	1.219	0.1198	0.0399	19	0.38	2%	0
019.42	Calcium, ICP, Open vessel (%)	0009	1.318	0.0023	1.219	0.1198	0.0399	19	0.83	4%	0
019.42	Calcium, ICP, Open vessel (%)	0278	1.325	0.0500	1.219	0.1198	0.0399	19	0.88	4%	0
019.42	Calcium, ICP, Open vessel (%)	2375	1.375	0.0900	1.219	0.1198	0.0399	19	1.30	6%	0
019.42	Calcium, ICP, Open vessel (%)	0190	1.390	0.0000	1.219	0.1198	0.0399	19	1.43	7%	0
019.42	Calcium, ICP, Open vessel (%)	0726	1.445	0.0700	1.219	0.1198	0.0399	19	1.89	9%	0
019.43	Calcium, ICP, Microwave (%)	0226	1.060	0.0200	1.206	0.0532	0.0415	40	-2.74	6%	0
019.43	Calcium, ICP, Microwave (%)	0918	1.111	0.1050	1.206	0.0532	0.0415	40	-1.79	4%	0
019.43	Calcium, ICP, Microwave (%)	2192	1.115	0.0500	1.206	0.0532	0.0415	40	-1.71	4%	0
019.43	Calcium, ICP, Microwave (%)	0018	1.135	0.0300	1.206	0.0532	0.0415	40	-1.33	3%	0
019.43	Calcium, ICP, Microwave (%)	2023	1.145	0.0300	1.206	0.0532	0.0415	40	-1.14	3%	0
019.43	Calcium, ICP, Microwave (%)	0297	1.150	0.0800	1.206	0.0532	0.0415	40	-1.05	2%	0
019.43	Calcium, ICP, Microwave (%)	0006	1.155	0.0300	1.206	0.0532	0.0415	40	-0.95	2%	0
019.43	Calcium, ICP, Microwave (%)	0345	1.155	0.0700	1.206	0.0532	0.0415	40	-0.95	2%	0
019.43	Calcium, ICP, Microwave (%)	0010	1.160	0.0800	1.206	0.0532	0.0415	40	-0.86	2%	0
019.43	Calcium, ICP, Microwave (%)	0036	1.170	0.0334	1.206	0.0532	0.0415	40	-0.67	1%	0
019.43	Calcium, ICP, Microwave (%)	0083	1.175	0.0300	1.206	0.0532	0.0415	40	-0.58	1%	0
019.43	Calcium, ICP, Microwave (%)	0876	1.175	0.1100	1.206	0.0532	0.0415	40	-0.58	1%	0
019.43	Calcium, ICP, Microwave (%)	0202	1.180	0.0600	1.206	0.0532	0.0415	40	-0.48	1%	0
019.43	Calcium, ICP, Microwave (%)	2187	1.183	0.0028	1.206	0.0532	0.0415	40	-0.43	1%	0
019.43	Calcium, ICP, Microwave (%)	0610	1.185	0.0100	1.206	0.0532	0.0415	40	-0.39	1%	0
019.43	Calcium, ICP, Microwave (%)	0035	1.190	0.0200	1.206	0.0532	0.0415	40	-0.30	1%	0
019.43	Calcium, ICP, Microwave (%)	0511	1.190	0.0400	1.206	0.0532	0.0415	40	-0.30	1%	0
019.43	Calcium, ICP, Microwave (%)	0512	1.196	0.0230	1.206	0.0532	0.0415	40	-0.19	0%	0

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019.43	Calcium, ICP, Microwave (%)	2033	1.200	0.0000	1.206	0.0532	0.0415	40	-0.11	0%	0
019.43	Calcium, ICP, Microwave (%)	0017	1.204	0.0247	1.206	0.0532	0.0415	40	-0.04	0%	0
019.43	Calcium, ICP, Microwave (%)	2089	1.205	0.0100	1.206	0.0532	0.0415	40	-0.01	0%	0
019.43	Calcium, ICP, Microwave (%)	0505	1.210	0.0400	1.206	0.0532	0.0415	40	0.08	0%	0
019.43	Calcium, ICP, Microwave (%)	0051	1.210	0.1039	1.206	0.0532	0.0415	40	0.08	0%	0
019.43	Calcium, ICP, Microwave (%)	0098	1.225	0.0100	1.206	0.0532	0.0415	40	0.36	1%	0
019.43	Calcium, ICP, Microwave (%)	0870	1.228	0.0110	1.206	0.0532	0.0415	40	0.41	1%	0
019.43	Calcium, ICP, Microwave (%)	0968	1.229	0.0020	1.206	0.0532	0.0415	40	0.44	1%	0
019.43	Calcium, ICP, Microwave (%)	0011	1.230	0.0200	1.206	0.0532	0.0415	40	0.46	1%	0
019.43	Calcium, ICP, Microwave (%)	2124	1.235	0.0100	1.206	0.0532	0.0415	40	0.55	1%	0
019.43	Calcium, ICP, Microwave (%)	0675	1.245	0.0100	1.206	0.0532	0.0415	40	0.74	2%	0
019.43	Calcium, ICP, Microwave (%)	0038	1.250	0.1000	1.206	0.0532	0.0415	40	0.83	2%	0
019.43	Calcium, ICP, Microwave (%)	0300	1.250	0.1000	1.206	0.0532	0.0415	40	0.83	2%	0
019.43	Calcium, ICP, Microwave (%)	0353	1.250	0.0000	1.206	0.0532	0.0415	40	0.83	2%	0
019.43	Calcium, ICP, Microwave (%)	0682	1.250	0.0000	1.206	0.0532	0.0415	40	0.83	2%	0
019.43	Calcium, ICP, Microwave (%)	2326	1.250	0.1000	1.206	0.0532	0.0415	40	0.83	2%	0
019.43	Calcium, ICP, Microwave (%)	0027	1.253	0.0420	1.206	0.0532	0.0415	40	0.89	2%	0
019.43	Calcium, ICP, Microwave (%)	0089	1.265	0.0100	1.206	0.0532	0.0415	40	1.11	2%	0
019.43	Calcium, ICP, Microwave (%)	0964	1.272	0.0903	1.206	0.0532	0.0415	40	1.25	3%	0
019.43	Calcium, ICP, Microwave (%)	0407	1.278	0.0979	1.206	0.0532	0.0415	40	1.36	3%	0
019.43	Calcium, ICP, Microwave (%)	0510	1.285	0.0300	1.206	0.0532	0.0415	40	1.49	3%	0
019.43	Calcium, ICP, Microwave (%)	0626	1.354	0.0250	1.206	0.0532	0.0415	40	2.78	6%	0
019.44	Calcium, ICP, Dry ash (%)	2419	1.135	0.0100	1.199	0.0405	0.0327	12	-1.58	3%	0
019.44	Calcium, ICP, Dry ash (%)	2416	1.168	0.0070	1.199	0.0405	0.0327	12	-0.78	1%	0
019.44	Calcium, ICP, Dry ash (%)	2426	1.170	0.1000	1.199	0.0405	0.0327	12	-0.71	1%	0
019.44	Calcium, ICP, Dry ash (%)	2421	1.179	0.0210	1.199	0.0405	0.0327	12	-0.50	1%	0
019.44	Calcium, ICP, Dry ash (%)	0164	1.180	0.0200	1.199	0.0405	0.0327	12	-0.47	1%	0
019.44	Calcium, ICP, Dry ash (%)	2418	1.189	0.0580	1.199	0.0405	0.0327	12	-0.24	0%	0
019.44	Calcium, ICP, Dry ash (%)	2420	1.190	0.0000	1.199	0.0405	0.0327	12	-0.22	0%	0
019.44	Calcium, ICP, Dry ash (%)	2114	1.209	0.0262	1.199	0.0405	0.0327	12	0.24	0%	0
019.44	Calcium, ICP, Dry ash (%)	2417	1.229	0.0670	1.199	0.0405	0.0327	12	0.73	1%	0
019.44	Calcium, ICP, Dry ash (%)	2424	1.240	0.0200	1.199	0.0405	0.0327	12	1.02	2%	0
019.44	Calcium, ICP, Dry ash (%)	2422	1.245	0.0100	1.199	0.0405	0.0327	12	1.14	2%	0
019.44	Calcium, ICP, Dry ash (%)	0065	1.252	0.0530	1.199	0.0405	0.0327	12	1.30	2%	0
019.53	Calcium, ICP-MS, Microwave (%)	0199	0.9700	0.0600	1.134	0.1239	0.0521	4			0
019.53	Calcium, ICP-MS, Microwave (%)	0939	1.120	0.0000	1.134	0.1239	0.0521	4			0
019.53	Calcium, ICP-MS, Microwave (%)	2409	1.184	0.0060	1.134	0.1239	0.0521	4			0
019.53	Calcium, ICP-MS, Microwave (%)	0407	1.262	0.1422	1.134	0.1239	0.0521	4			0
019.99	Calcium, Miscellaneous (%)	0242	1.105	0.0500	1.178	0.0495	0.0320	5			0
019.99	Calcium, Miscellaneous (%)	0590	1.165	0.0100	1.178	0.0495	0.0320	5			0
019.99	Calcium, Miscellaneous (%)	0123	1.175	0.0100	1.178	0.0495	0.0320	5			0
019.99	Calcium, Miscellaneous (%)	0676	1.210	0.0000	1.178	0.0495	0.0320	5			0

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019.99	Calcium, Miscellaneous (%)	0100	1.235	0.0900	1.178	0.0495	0.0320	5			0
021.31	Cobalt, AAS, Dry ash (ppm)	0563	< 2.5					0			5
021.41	Cobalt, ICP, Dry ash (ppm)	0148	0.3985	0.1250	0.5582	0.1184	0.0654	7	-1.35	14%	0
021.41	Cobalt, ICP, Dry ash (ppm)	0619	0.4880	0.0200	0.5582	0.1184	0.0654	7	-0.59	6%	0
021.41	Cobalt, ICP, Dry ash (ppm)	0910	0.5450	0.0300	0.5582	0.1184	0.0654	7	-0.11	1%	0
021.41	Cobalt, ICP, Dry ash (ppm)	0164	0.5500	0.1000	0.5582	0.1184	0.0654	7	-0.07	1%	0
021.41	Cobalt, ICP, Dry ash (ppm)	0171	0.5800	0.0200	0.5582	0.1184	0.0654	7	0.18	2%	0
021.41	Cobalt, ICP, Dry ash (ppm)	0407	0.6102	0.0486	0.5582	0.1184	0.0654	7	0.44	5%	0
021.41	Cobalt, ICP, Dry ash (ppm)	0066	1.191	0.1140	0.5582	0.1184	0.0654	7	5.35	57%	0
021.42	Cobalt, ICP, Open vessel (ppm)	0045	0.6950	0.2100				2			0
021.42	Cobalt, ICP, Open vessel (ppm)	0366	1.300	0.4000				2			0
021.43	Cobalt, ICP, Microwave (ppm)	2326	0.2700	0.0200	0.5596	0.1912	0.0300	5			0
021.43	Cobalt, ICP, Microwave (ppm)	0964	0.4780	0.0100	0.5596	0.1912	0.0300	5			0
021.43	Cobalt, ICP, Microwave (ppm)	0510	0.6150	0.0100	0.5596	0.1912	0.0300	5			0
021.43	Cobalt, ICP, Microwave (ppm)	0169	0.6800	0.0400	0.5596	0.1912	0.0300	5			0
021.43	Cobalt, ICP, Microwave (ppm)	2033	0.7550	0.0700	0.5596	0.1912	0.0300	5			0
021.43	Cobalt, ICP, Microwave (ppm)	0407	0.6562	0.5569	0.5596	0.1912	0.0300	5			1
021.43	Cobalt, ICP, Microwave (ppm)	0682	< 1		0.5596	0.1912	0.0300	5			5
021.53	Cobalt, ICP-MS, Microwave (ppm)	0610	0.4650	0.0100				3			0
021.53	Cobalt, ICP-MS, Microwave (ppm)	0199	0.4800	0.0080				3			0
021.53	Cobalt, ICP-MS, Microwave (ppm)	0918	0.5450	0.0180				3			0
021.53	Cobalt, ICP-MS, Microwave (ppm)	0407	0.4829	0.1118				3			1
022.31	Copper, AAS, Dry ash (ppm)	2246	22.26	0.1736	24.79	2.738	0.3073	9	-0.92	5%	0
022.31	Copper, AAS, Dry ash (ppm)	0689	22.40	0.4000	24.79	2.738	0.3073	9	-0.87	5%	0
022.31	Copper, AAS, Dry ash (ppm)	0939	22.88	0.1500	24.79	2.738	0.3073	9	-0.70	4%	0
022.31	Copper, AAS, Dry ash (ppm)	0563	23.22	0.1100	24.79	2.738	0.3073	9	-0.57	3%	0
022.31	Copper, AAS, Dry ash (ppm)	2188	24.27	0.0000	24.79	2.738	0.3073	9	-0.19	1%	0
022.31	Copper, AAS, Dry ash (ppm)	2196	25.08	0.0000	24.79	2.738	0.3073	9	0.11	1%	0
022.31	Copper, AAS, Dry ash (ppm)	2360	26.38	0.4900	24.79	2.738	0.3073	9	0.58	3%	0
022.31	Copper, AAS, Dry ash (ppm)	0622	27.73	0.7420	24.79	2.738	0.3073	9	1.07	6%	0
022.31	Copper, AAS, Dry ash (ppm)	0529	30.65	0.7000	24.79	2.738	0.3073	9	2.14	12%	0
022.31	Copper, AAS, Dry ash (ppm)	0651	24.80	6.579	24.79	2.738	0.3073	9	0.00	0%	1
022.32	Copper, AAS, Open vessel (ppm)	0038	19.95	0.3000				1			0
022.33	Copper, AAS, Microwave (ppm)	0010	24.00	0.2000				2			0
022.33	Copper, AAS, Microwave (ppm)	0948	27.45	0.6100				2			0
022.41	Copper, ICP, Dry ash (ppm)	0148	19.31	2.494	22.74	2.562	0.7983	16	-1.34	8%	0
022.41	Copper, ICP, Dry ash (ppm)	0848	19.59	0.5910	22.74	2.562	0.7983	16	-1.23	7%	0
022.41	Copper, ICP, Dry ash (ppm)	0520	20.94	1.135	22.74	2.562	0.7983	16	-0.71	4%	0
022.41	Copper, ICP, Dry ash (ppm)	0674	21.13	0.0000	22.74	2.562	0.7983	16	-0.63	4%	0
022.41	Copper, ICP, Dry ash (ppm)	0049	21.70	2.200	22.74	2.562	0.7983	16	-0.41	2%	0
022.41	Copper, ICP, Dry ash (ppm)	0229	21.81	0.0500	22.74	2.562	0.7983	16	-0.37	2%	0
022.41	Copper, ICP, Dry ash (ppm)	0407	21.89	0.2223	22.74	2.562	0.7983	16	-0.33	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
022.41	Copper, ICP, Dry ash (ppm)	0004	22.31	1.780	22.74	2.562	0.7983	16	-0.17	1%	0
022.41	Copper, ICP, Dry ash (ppm)	0358	22.43	1.000	22.74	2.562	0.7983	16	-0.12	1%	0
022.41	Copper, ICP, Dry ash (ppm)	0098	22.81	0.2600	22.74	2.562	0.7983	16	0.03	0%	0
022.41	Copper, ICP, Dry ash (ppm)	0164	23.00	0.0000	22.74	2.562	0.7983	16	0.10	1%	0
022.41	Copper, ICP, Dry ash (ppm)	0019	23.38	0.9300	22.74	2.562	0.7983	16	0.25	1%	0
022.41	Copper, ICP, Dry ash (ppm)	0619	23.85	0.3000	22.74	2.562	0.7983	16	0.43	2%	0
022.41	Copper, ICP, Dry ash (ppm)	0171	26.93	0.4400	22.74	2.562	0.7983	16	1.63	9%	0
022.41	Copper, ICP, Dry ash (ppm)	0226	27.09	0.9800	22.74	2.562	0.7983	16	1.70	10%	0
022.41	Copper, ICP, Dry ash (ppm)	0354	30.62	0.3900	22.74	2.562	0.7983	16	3.07	17%	0
022.42	Copper, ICP, Open vessel (ppm)	0366	22.00	0.0000	24.41	1.899	0.6632	19	-1.27	5%	0
022.42	Copper, ICP, Open vessel (ppm)	0265	22.10	1.000	24.41	1.899	0.6632	19	-1.21	5%	0
022.42	Copper, ICP, Open vessel (ppm)	0870	22.26	0.0200	24.41	1.899	0.6632	19	-1.13	4%	0
022.42	Copper, ICP, Open vessel (ppm)	2129	22.30	0.3600	24.41	1.899	0.6632	19	-1.11	4%	0
022.42	Copper, ICP, Open vessel (ppm)	2319	22.40	0.4000	24.41	1.899	0.6632	19	-1.06	4%	0
022.42	Copper, ICP, Open vessel (ppm)	0263	23.71	0.3230	24.41	1.899	0.6632	19	-0.37	1%	0
022.42	Copper, ICP, Open vessel (ppm)	0357	23.85	0.1280	24.41	1.899	0.6632	19	-0.29	1%	0
022.42	Copper, ICP, Open vessel (ppm)	0045	24.30	3.600	24.41	1.899	0.6632	19	-0.06	0%	0
022.42	Copper, ICP, Open vessel (ppm)	0726	24.37	0.4000	24.41	1.899	0.6632	19	-0.02	0%	0
022.42	Copper, ICP, Open vessel (ppm)	0504	24.45	3.300	24.41	1.899	0.6632	19	0.02	0%	0
022.42	Copper, ICP, Open vessel (ppm)	0294	24.77	0.0600	24.41	1.899	0.6632	19	0.19	1%	0
022.42	Copper, ICP, Open vessel (ppm)	0190	24.80	0.0100	24.41	1.899	0.6632	19	0.21	1%	0
022.42	Copper, ICP, Open vessel (ppm)	0037	24.85	0.1000	24.41	1.899	0.6632	19	0.23	1%	0
022.42	Copper, ICP, Open vessel (ppm)	0035	25.00	0.0000	24.41	1.899	0.6632	19	0.31	1%	0
022.42	Copper, ICP, Open vessel (ppm)	0278	25.50	0.2000	24.41	1.899	0.6632	19	0.58	2%	0
022.42	Copper, ICP, Open vessel (ppm)	0685	25.79	0.1000	24.41	1.899	0.6632	19	0.73	3%	0
022.42	Copper, ICP, Open vessel (ppm)	0042	27.00	0.4000	24.41	1.899	0.6632	19	1.37	5%	0
022.42	Copper, ICP, Open vessel (ppm)	2375	27.00	2.000	24.41	1.899	0.6632	19	1.37	5%	0
022.42	Copper, ICP, Open vessel (ppm)	0009	28.70	0.2000	24.41	1.899	0.6632	19	2.26	9%	0
022.42	Copper, ICP, Open vessel (ppm)	0692	22.65	6.100	24.41	1.899	0.6632	19	-0.92	4%	1
022.43	Copper, ICP, Microwave (ppm)	0511	21.00	0.0000	23.73	1.410	0.7698	33	-1.94	6%	0
022.43	Copper, ICP, Microwave (ppm)	2089	21.61	0.1400	23.73	1.410	0.7698	33	-1.51	4%	0
022.43	Copper, ICP, Microwave (ppm)	0226	21.74	0.1700	23.73	1.410	0.7698	33	-1.42	4%	0
022.43	Copper, ICP, Microwave (ppm)	0918	21.86	0.0200	23.73	1.410	0.7698	33	-1.33	4%	0
022.43	Copper, ICP, Microwave (ppm)	0202	22.50	1.000	23.73	1.410	0.7698	33	-0.87	3%	0
022.43	Copper, ICP, Microwave (ppm)	0297	22.50	1.000	23.73	1.410	0.7698	33	-0.87	3%	0
022.43	Copper, ICP, Microwave (ppm)	0512	22.51	0.3200	23.73	1.410	0.7698	33	-0.87	3%	0
022.43	Copper, ICP, Microwave (ppm)	0345	22.63	0.2500	23.73	1.410	0.7698	33	-0.79	2%	0
022.43	Copper, ICP, Microwave (ppm)	0964	22.70	3.200	23.73	1.410	0.7698	33	-0.73	2%	0
022.43	Copper, ICP, Microwave (ppm)	0083	22.97	0.4500	23.73	1.410	0.7698	33	-0.54	2%	0
022.43	Copper, ICP, Microwave (ppm)	0035	23.00	0.0000	23.73	1.410	0.7698	33	-0.52	2%	0
022.43	Copper, ICP, Microwave (ppm)	0098	23.12	1.010	23.73	1.410	0.7698	33	-0.44	1%	0
022.43	Copper, ICP, Microwave (ppm)	0675	23.17	0.0500	23.73	1.410	0.7698	33	-0.40	1%	0

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022.43	Copper, ICP, Microwave (ppm)	0407	23.25	1.898	23.73	1.410	0.7698	33	-0.34	1%	0
022.43	Copper, ICP, Microwave (ppm)	0169	23.50	0.2000	23.73	1.410	0.7698	33	-0.17	0%	0
022.43	Copper, ICP, Microwave (ppm)	0610	23.50	0.3000	23.73	1.410	0.7698	33	-0.17	0%	0
022.43	Copper, ICP, Microwave (ppm)	0848	23.88	0.5080	23.73	1.410	0.7698	33	0.11	0%	0
022.43	Copper, ICP, Microwave (ppm)	2187	23.95	0.1000	23.73	1.410	0.7698	33	0.15	0%	0
022.43	Copper, ICP, Microwave (ppm)	0017	23.97	0.6149	23.73	1.410	0.7698	33	0.17	1%	0
022.43	Copper, ICP, Microwave (ppm)	0870	23.99	0.0500	23.73	1.410	0.7698	33	0.18	1%	0
022.43	Copper, ICP, Microwave (ppm)	0353	24.50	3.000	23.73	1.410	0.7698	33	0.54	2%	0
022.43	Copper, ICP, Microwave (ppm)	0510	24.50	1.000	23.73	1.410	0.7698	33	0.54	2%	0
022.43	Copper, ICP, Microwave (ppm)	2124	24.59	0.9200	23.73	1.410	0.7698	33	0.61	2%	0
022.43	Copper, ICP, Microwave (ppm)	2192	24.70	0.4000	23.73	1.410	0.7698	33	0.69	2%	0
022.43	Copper, ICP, Microwave (ppm)	0051	24.74	0.9100	23.73	1.410	0.7698	33	0.71	2%	0
022.43	Copper, ICP, Microwave (ppm)	0027	24.77	0.1090	23.73	1.410	0.7698	33	0.74	2%	0
022.43	Copper, ICP, Microwave (ppm)	0968	24.78	0.3570	23.73	1.410	0.7698	33	0.74	2%	0
022.43	Copper, ICP, Microwave (ppm)	2033	25.25	0.7000	23.73	1.410	0.7698	33	1.08	3%	0
022.43	Copper, ICP, Microwave (ppm)	0038	25.35	2.500	23.73	1.410	0.7698	33	1.15	3%	0
022.43	Copper, ICP, Microwave (ppm)	0626	25.38	0.0050	23.73	1.410	0.7698	33	1.17	3%	0
022.43	Copper, ICP, Microwave (ppm)	0682	25.40	0.0000	23.73	1.410	0.7698	33	1.18	4%	0
022.43	Copper, ICP, Microwave (ppm)	0505	25.44	0.4400	23.73	1.410	0.7698	33	1.21	4%	0
022.43	Copper, ICP, Microwave (ppm)	2326	26.90	3.780	23.73	1.410	0.7698	33	2.25	7%	0
022.44	Copper, ICP, Dry ash (ppm)	0066	21.56	0.5400				3			0
022.44	Copper, ICP, Dry ash (ppm)	0910	23.00	0.0000				3			0
022.44	Copper, ICP, Dry ash (ppm)	2114	23.62	1.145				3			0
022.53	Copper, ICP-MS, Microwave (ppm)	0199	20.89	0.2400	22.59	1.197	0.6665	4			0
022.53	Copper, ICP-MS, Microwave (ppm)	2023	22.60	0.8000	22.59	1.197	0.6665	4			0
022.53	Copper, ICP-MS, Microwave (ppm)	0407	23.37	1.626	22.59	1.197	0.6665	4			0
022.53	Copper, ICP-MS, Microwave (ppm)	0939	23.48	0.0000	22.59	1.197	0.6665	4			0
022.53	Copper, ICP-MS, Microwave (ppm)	2409	12.82	0.3610	22.59	1.197	0.6665	4			2
022.99	Copper, Miscellaneous (ppm)	0100	22.50	1.000	23.23	0.5867	0.3500	4			0
022.99	Copper, Miscellaneous (ppm)	0242	23.00	0.0000	23.23	0.5867	0.3500	4			0
022.99	Copper, Miscellaneous (ppm)	0123	23.65	0.1000	23.23	0.5867	0.3500	4			0
022.99	Copper, Miscellaneous (ppm)	0590	23.75	0.3000	23.23	0.5867	0.3500	4			0
024.52	Iodine, ICP-MS, Open vessel (ppm)	0910	1.818	0.2140				1			0
025.31	Iron, AAS, Dry ash (ppm)	0689	148.0	8.100	244.1	45.21	10.82	12	-2.13	20%	0
025.31	Iron, AAS, Dry ash (ppm)	2246	186.6	1.810	244.1	45.21	10.82	12	-1.27	12%	0
025.31	Iron, AAS, Dry ash (ppm)	2188	206.1	0.0000	244.1	45.21	10.82	12	-0.84	8%	0
025.31	Iron, AAS, Dry ash (ppm)	0939	220.0	26.70	244.1	45.21	10.82	12	-0.53	5%	0
025.31	Iron, AAS, Dry ash (ppm)	0563	236.3	7.195	244.1	45.21	10.82	12	-0.17	2%	0
025.31	Iron, AAS, Dry ash (ppm)	2360	238.5	29.83	244.1	45.21	10.82	12	-0.12	1%	0
025.31	Iron, AAS, Dry ash (ppm)	0529	264.2	0.6000	244.1	45.21	10.82	12	0.45	4%	0
025.31	Iron, AAS, Dry ash (ppm)	2196	266.2	0.0000	244.1	45.21	10.82	12	0.49	5%	0
025.31	Iron, AAS, Dry ash (ppm)	0001	276.5	2.100	244.1	45.21	10.82	12	0.72	7%	0

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025.31	Iron, AAS, Dry ash (ppm)	0921	278.7	0.0800	244.1	45.21	10.82	12	0.77	7%	0
025.31	Iron, AAS, Dry ash (ppm)	0038	281.0	30.00	244.1	45.21	10.82	12	0.82	8%	0
025.31	Iron, AAS, Dry ash (ppm)	0651	298.6	23.37	244.1	45.21	10.82	12	1.20	11%	0
025.33	Iron, AAS, Microwave (ppm)	0948	262.0	0.0500				1			0
025.41	Iron, ICP, Dry ash (ppm)	0066	212.4	11.12	245.5	19.72	8.068	18	-1.68	7%	0
025.41	Iron, ICP, Dry ash (ppm)	0619	212.6	0.0000	245.5	19.72	8.068	18	-1.67	7%	0
025.41	Iron, ICP, Dry ash (ppm)	0674	219.4	0.0000	245.5	19.72	8.068	18	-1.32	5%	0
025.41	Iron, ICP, Dry ash (ppm)	0520	229.9	8.487	245.5	19.72	8.068	18	-0.79	3%	0
025.41	Iron, ICP, Dry ash (ppm)	0019	234.9	13.60	245.5	19.72	8.068	18	-0.54	2%	0
025.41	Iron, ICP, Dry ash (ppm)	0004	238.6	33.36	245.5	19.72	8.068	18	-0.35	1%	0
025.41	Iron, ICP, Dry ash (ppm)	0358	239.5	10.20	245.5	19.72	8.068	18	-0.30	1%	0
025.41	Iron, ICP, Dry ash (ppm)	0910	244.0	10.00	245.5	19.72	8.068	18	-0.07	0%	0
025.41	Iron, ICP, Dry ash (ppm)	0354	245.0	1.110	245.5	19.72	8.068	18	-0.02	0%	0
025.41	Iron, ICP, Dry ash (ppm)	0049	251.0	22.97	245.5	19.72	8.068	18	0.28	1%	0
025.41	Iron, ICP, Dry ash (ppm)	0229	251.6	13.90	245.5	19.72	8.068	18	0.31	1%	0
025.41	Iron, ICP, Dry ash (ppm)	0164	253.5	3.000	245.5	19.72	8.068	18	0.41	2%	0
025.41	Iron, ICP, Dry ash (ppm)	0098	254.1	0.4000	245.5	19.72	8.068	18	0.44	2%	0
025.41	Iron, ICP, Dry ash (ppm)	0226	260.6	5.230	245.5	19.72	8.068	18	0.76	3%	0
025.41	Iron, ICP, Dry ash (ppm)	2114	260.6	3.170	245.5	19.72	8.068	18	0.77	3%	0
025.41	Iron, ICP, Dry ash (ppm)	0171	262.3	0.8000	245.5	19.72	8.068	18	0.85	3%	0
025.41	Iron, ICP, Dry ash (ppm)	0407	266.7	5.209	245.5	19.72	8.068	18	1.08	4%	0
025.41	Iron, ICP, Dry ash (ppm)	0148	290.1	2.674	245.5	19.72	8.068	18	2.26	9%	0
025.42	Iron, ICP, Open vessel (ppm)	0037	212.1	59.30	254.8	19.98	10.34	17	-2.14	8%	0
025.42	Iron, ICP, Open vessel (ppm)	0265	231.5	5.000	254.8	19.98	10.34	17	-1.17	5%	0
025.42	Iron, ICP, Open vessel (ppm)	0263	238.8	6.423	254.8	19.98	10.34	17	-0.80	3%	0
025.42	Iron, ICP, Open vessel (ppm)	0294	243.2	1.360	254.8	19.98	10.34	17	-0.58	2%	0
025.42	Iron, ICP, Open vessel (ppm)	0504	244.0	12.00	254.8	19.98	10.34	17	-0.54	2%	0
025.42	Iron, ICP, Open vessel (ppm)	2129	244.9	3.600	254.8	19.98	10.34	17	-0.50	2%	0
025.42	Iron, ICP, Open vessel (ppm)	0870	246.1	8.800	254.8	19.98	10.34	17	-0.44	2%	0
025.42	Iron, ICP, Open vessel (ppm)	0045	249.0	2.000	254.8	19.98	10.34	17	-0.29	1%	0
025.42	Iron, ICP, Open vessel (ppm)	0726	249.1	2.700	254.8	19.98	10.34	17	-0.29	1%	0
025.42	Iron, ICP, Open vessel (ppm)	2319	254.5	1.000	254.8	19.98	10.34	17	-0.02	0%	0
025.42	Iron, ICP, Open vessel (ppm)	0190	256.9	0.6000	254.8	19.98	10.34	17	0.10	0%	0
025.42	Iron, ICP, Open vessel (ppm)	0278	262.5	7.000	254.8	19.98	10.34	17	0.38	2%	0
025.42	Iron, ICP, Open vessel (ppm)	0042	267.5	17.00	254.8	19.98	10.34	17	0.63	2%	0
025.42	Iron, ICP, Open vessel (ppm)	0366	275.5	11.00	254.8	19.98	10.34	17	1.03	4%	0
025.42	Iron, ICP, Open vessel (ppm)	2375	278.0	12.00	254.8	19.98	10.34	17	1.16	5%	0
025.42	Iron, ICP, Open vessel (ppm)	0035	281.0	10.00	254.8	19.98	10.34	17	1.31	5%	0
025.42	Iron, ICP, Open vessel (ppm)	0357	286.5	16.01	254.8	19.98	10.34	17	1.59	6%	0
025.42	Iron, ICP, Open vessel (ppm)	0692	228.5	99.00	254.8	19.98	10.34	17	-1.32	5%	1
025.43	Iron, ICP, Microwave (ppm)	0345	220.0	2.000	268.1	14.72	10.66	32	-3.26	9%	0
025.43	Iron, ICP, Microwave (ppm)	0226	229.8	0.6400	268.1	14.72	10.66	32	-2.60	7%	0



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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
025.43	Iron, ICP, Microwave (ppm)	0511	232.5	9.000	268.1	14.72	10.66	32	-2.42	7%	0
025.43	Iron, ICP, Microwave (ppm)	0353	250.5	17.00	268.1	14.72	10.66	32	-1.19	3%	0
025.43	Iron, ICP, Microwave (ppm)	0297	256.0	22.00	268.1	14.72	10.66	32	-0.82	2%	0
025.43	Iron, ICP, Microwave (ppm)	2192	257.5	3.000	268.1	14.72	10.66	32	-0.72	2%	0
025.43	Iron, ICP, Microwave (ppm)	0610	257.8	11.50	268.1	14.72	10.66	32	-0.70	2%	0
025.43	Iron, ICP, Microwave (ppm)	0675	258.3	7.410	268.1	14.72	10.66	32	-0.66	2%	0
025.43	Iron, ICP, Microwave (ppm)	0870	260.2	6.800	268.1	14.72	10.66	32	-0.53	1%	0
025.43	Iron, ICP, Microwave (ppm)	0505	260.3	12.40	268.1	14.72	10.66	32	-0.53	1%	0
025.43	Iron, ICP, Microwave (ppm)	0169	260.5	1.000	268.1	14.72	10.66	32	-0.51	1%	0
025.43	Iron, ICP, Microwave (ppm)	0876	260.8	0.5000	268.1	14.72	10.66	32	-0.50	1%	0
025.43	Iron, ICP, Microwave (ppm)	2033	261.6	4.500	268.1	14.72	10.66	32	-0.44	1%	0
025.43	Iron, ICP, Microwave (ppm)	0512	262.7	17.50	268.1	14.72	10.66	32	-0.37	1%	0
025.43	Iron, ICP, Microwave (ppm)	0051	265.0	9.730	268.1	14.72	10.66	32	-0.21	1%	0
025.43	Iron, ICP, Microwave (ppm)	2326	267.5	29.00	268.1	14.72	10.66	32	-0.04	0%	0
025.43	Iron, ICP, Microwave (ppm)	0017	268.1	21.09	268.1	14.72	10.66	32	0.00	0%	0
025.43	Iron, ICP, Microwave (ppm)	2023	269.0	14.00	268.1	14.72	10.66	32	0.06	0%	0
025.43	Iron, ICP, Microwave (ppm)	0202	271.0	32.00	268.1	14.72	10.66	32	0.20	1%	0
025.43	Iron, ICP, Microwave (ppm)	0098	271.3	13.20	268.1	14.72	10.66	32	0.22	1%	0
025.43	Iron, ICP, Microwave (ppm)	0918	273.2	13.28	268.1	14.72	10.66	32	0.35	1%	0
025.43	Iron, ICP, Microwave (ppm)	0626	274.5	2.540	268.1	14.72	10.66	32	0.44	1%	0
025.43	Iron, ICP, Microwave (ppm)	0510	275.0	6.000	268.1	14.72	10.66	32	0.47	1%	0
025.43	Iron, ICP, Microwave (ppm)	0682	280.5	0.0000	268.1	14.72	10.66	32	0.84	2%	0
025.43	Iron, ICP, Microwave (ppm)	0968	280.5	0.7120	268.1	14.72	10.66	32	0.85	2%	0
025.43	Iron, ICP, Microwave (ppm)	2124	280.7	14.30	268.1	14.72	10.66	32	0.86	2%	0
025.43	Iron, ICP, Microwave (ppm)	0964	281.5	13.00	268.1	14.72	10.66	32	0.91	3%	0
025.43	Iron, ICP, Microwave (ppm)	0035	282.0	10.00	268.1	14.72	10.66	32	0.95	3%	0
025.43	Iron, ICP, Microwave (ppm)	0407	284.7	3.694	268.1	14.72	10.66	32	1.13	3%	0
025.43	Iron, ICP, Microwave (ppm)	0083	289.3	0.1300	268.1	14.72	10.66	32	1.44	4%	0
025.43	Iron, ICP, Microwave (ppm)	0038	291.5	25.00	268.1	14.72	10.66	32	1.59	4%	0
025.43	Iron, ICP, Microwave (ppm)	2089	293.5	18.32	268.1	14.72	10.66	32	1.73	5%	0
025.53	Iron, ICP-MS, Microwave (ppm)	0199	131.0	8.000	217.3	62.15	5.830	4			0
025.53	Iron, ICP-MS, Microwave (ppm)	2409	229.5	6.945	217.3	62.15	5.830	4			0
025.53	Iron, ICP-MS, Microwave (ppm)	0939	229.5	7.000	217.3	62.15	5.830	4			0
025.53	Iron, ICP-MS, Microwave (ppm)	0407	279.3	1.374	217.3	62.15	5.830	4			0
025.99	Iron, Miscellaneous (ppm)	0123	241.5	7.000				3			0
025.99	Iron, Miscellaneous (ppm)	0100	242.5	13.00				3			0
025.99	Iron, Miscellaneous (ppm)	0242	250.5	1.000				3			0
027.31	Magnesium, AAS, Dry ash (%)	2246	0.1176	0.0001	0.1338	0.0111	0.0026	9	-1.46	6%	0
027.31	Magnesium, AAS, Dry ash (%)	0001	0.1226	0.0011	0.1338	0.0111	0.0026	9	-1.01	4%	0
027.31	Magnesium, AAS, Dry ash (%)	0939	0.1300	0.0000	0.1338	0.0111	0.0026	9	-0.34	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0142	0.1322	0.0093	0.1338	0.0111	0.0026	9	-0.15	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0038	0.1345	0.0050	0.1338	0.0111	0.0026	9	0.06	0%	0

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027.31	Magnesium, AAS, Dry ash (%)	0563	0.1368	0.0028	0.1338	0.0111	0.0026	9	0.27	1%	0
027.31	Magnesium, AAS, Dry ash (%)	2196	0.1400	0.0000	0.1338	0.0111	0.0026	9	0.56	2%	0
027.31	Magnesium, AAS, Dry ash (%)	2360	0.1400	0.0000	0.1338	0.0111	0.0026	9	0.56	2%	0
027.31	Magnesium, AAS, Dry ash (%)	0529	0.2565	0.0050	0.1338	0.0111	0.0026	9	11.01	46%	0
027.32	Magnesium, AAS, Open vessel (%)	0169	0.1650	0.0100				1			0
027.33	Magnesium, AAS, Microwave (%)	0948	0.1170	0.0040				1			0
027.41	Magnesium, ICP, Dry ash (%)	0407	0.1186	0.0094	0.1286	0.0087	0.0032	19	-1.15	4%	0
027.41	Magnesium, ICP, Dry ash (%)	0520	0.1195	0.0070	0.1286	0.0087	0.0032	19	-1.04	4%	0
027.41	Magnesium, ICP, Dry ash (%)	0019	0.1200	0.0000	0.1286	0.0087	0.0032	19	-0.99	3%	0
027.41	Magnesium, ICP, Dry ash (%)	0229	0.1200	0.0000	0.1286	0.0087	0.0032	19	-0.99	3%	0
027.41	Magnesium, ICP, Dry ash (%)	0358	0.1200	0.0000	0.1286	0.0087	0.0032	19	-0.99	3%	0
027.41	Magnesium, ICP, Dry ash (%)	0674	0.1200	0.0000	0.1286	0.0087	0.0032	19	-0.99	3%	0
027.41	Magnesium, ICP, Dry ash (%)	0004	0.1250	0.0100	0.1286	0.0087	0.0032	19	-0.41	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0098	0.1250	0.0100	0.1286	0.0087	0.0032	19	-0.41	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0066	0.1260	0.0060	0.1286	0.0087	0.0032	19	-0.30	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0171	0.1300	0.0000	0.1286	0.0087	0.0032	19	0.16	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0910	0.1300	0.0000	0.1286	0.0087	0.0032	19	0.16	1%	0
027.41	Magnesium, ICP, Dry ash (%)	1023	0.1310	0.0020	0.1286	0.0087	0.0032	19	0.28	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0164	0.1325	0.0010	0.1286	0.0087	0.0032	19	0.45	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0049	0.1350	0.0100	0.1286	0.0087	0.0032	19	0.74	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0148	0.1350	0.0040	0.1286	0.0087	0.0032	19	0.74	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0619	0.1360	0.0000	0.1286	0.0087	0.0032	19	0.85	3%	0
027.41	Magnesium, ICP, Dry ash (%)	2398	0.1380	0.0000	0.1286	0.0087	0.0032	19	1.08	4%	0
027.41	Magnesium, ICP, Dry ash (%)	0226	0.1400	0.0000	0.1286	0.0087	0.0032	19	1.31	4%	0
027.41	Magnesium, ICP, Dry ash (%)	0354	0.1435	0.0010	0.1286	0.0087	0.0032	19	1.71	6%	0
027.42	Magnesium, ICP, Open vessel (%)	2129	0.1187	0.0005	0.1350	0.0112	0.0037	19	-1.46	6%	0
027.42	Magnesium, ICP, Open vessel (%)	0265	0.1200	0.0000	0.1350	0.0112	0.0037	19	-1.34	6%	0
027.42	Magnesium, ICP, Open vessel (%)	0870	0.1267	0.0045	0.1350	0.0112	0.0037	19	-0.75	3%	0
027.42	Magnesium, ICP, Open vessel (%)	0263	0.1290	0.0000	0.1350	0.0112	0.0037	19	-0.54	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0504	0.1295	0.0090	0.1350	0.0112	0.0037	19	-0.49	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0190	0.1300	0.0000	0.1350	0.0112	0.0037	19	-0.45	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0366	0.1300	0.0000	0.1350	0.0112	0.0037	19	-0.45	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0726	0.1300	0.0000	0.1350	0.0112	0.0037	19	-0.45	2%	0
027.42	Magnesium, ICP, Open vessel (%)	2319	0.1300	0.0000	0.1350	0.0112	0.0037	19	-0.45	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0045	0.1335	0.0030	0.1350	0.0112	0.0037	19	-0.14	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0037	0.1340	0.0000	0.1350	0.0112	0.0037	19	-0.09	0%	0
027.42	Magnesium, ICP, Open vessel (%)	0294	0.1350	0.0100	0.1350	0.0112	0.0037	19	0.00	0%	0
027.42	Magnesium, ICP, Open vessel (%)	0042	0.1365	0.0030	0.1350	0.0112	0.0037	19	0.13	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0035	0.1400	0.0000	0.1350	0.0112	0.0037	19	0.44	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0357	0.1421	0.0000	0.1350	0.0112	0.0037	19	0.63	3%	0
027.42	Magnesium, ICP, Open vessel (%)	2375	0.1450	0.0100	0.1350	0.0112	0.0037	19	0.89	4%	0
027.42	Magnesium, ICP, Open vessel (%)	0009	0.1519	0.0010	0.1350	0.0112	0.0037	19	1.50	6%	0

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027.42	Magnesium, ICP, Open vessel (%)	0685	0.1550	0.0100	0.1350	0.0112	0.0037	19	1.78	7%	0
027.42	Magnesium, ICP, Open vessel (%)	0278	0.1600	0.0200	0.1350	0.0112	0.0037	19	2.23	9%	0
027.42	Magnesium, ICP, Open vessel (%)	0692	0.1300	0.0400	0.1350	0.0112	0.0037	19	-0.45	2%	1
027.43	Magnesium, ICP, Microwave (%)	0226	0.1100	0.0000	0.1305	0.0076	0.0029	34	-2.70	8%	0
027.43	Magnesium, ICP, Microwave (%)	0510	0.1200	0.0000	0.1305	0.0076	0.0029	34	-1.39	4%	0
027.43	Magnesium, ICP, Microwave (%)	0511	0.1200	0.0000	0.1305	0.0076	0.0029	34	-1.39	4%	0
027.43	Magnesium, ICP, Microwave (%)	2192	0.1200	0.0000	0.1305	0.0076	0.0029	34	-1.39	4%	0
027.43	Magnesium, ICP, Microwave (%)	0345	0.1215	0.0010	0.1305	0.0076	0.0029	34	-1.19	3%	0
027.43	Magnesium, ICP, Microwave (%)	0006	0.1250	0.0020	0.1305	0.0076	0.0029	34	-0.73	2%	0
027.43	Magnesium, ICP, Microwave (%)	0297	0.1250	0.0100	0.1305	0.0076	0.0029	34	-0.73	2%	0
027.43	Magnesium, ICP, Microwave (%)	0675	0.1250	0.0100	0.1305	0.0076	0.0029	34	-0.73	2%	0
027.43	Magnesium, ICP, Microwave (%)	2023	0.1250	0.0000	0.1305	0.0076	0.0029	34	-0.73	2%	0
027.43	Magnesium, ICP, Microwave (%)	0870	0.1253	0.0036	0.1305	0.0076	0.0029	34	-0.69	2%	0
027.43	Magnesium, ICP, Microwave (%)	0407	0.1271	0.0037	0.1305	0.0076	0.0029	34	-0.46	1%	0
027.43	Magnesium, ICP, Microwave (%)	0512	0.1271	0.0021	0.1305	0.0076	0.0029	34	-0.46	1%	0
027.43	Magnesium, ICP, Microwave (%)	0968	0.1280	0.0020	0.1305	0.0076	0.0029	34	-0.33	1%	0
027.43	Magnesium, ICP, Microwave (%)	0083	0.1285	0.0010	0.1305	0.0076	0.0029	34	-0.27	1%	0
027.43	Magnesium, ICP, Microwave (%)	0035	0.1300	0.0000	0.1305	0.0076	0.0029	34	-0.07	0%	0
027.43	Magnesium, ICP, Microwave (%)	0098	0.1300	0.0000	0.1305	0.0076	0.0029	34	-0.07	0%	0
027.43	Magnesium, ICP, Microwave (%)	0505	0.1300	0.0000	0.1305	0.0076	0.0029	34	-0.07	0%	0
027.43	Magnesium, ICP, Microwave (%)	0610	0.1300	0.0000	0.1305	0.0076	0.0029	34	-0.07	0%	0
027.43	Magnesium, ICP, Microwave (%)	2089	0.1300	0.0000	0.1305	0.0076	0.0029	34	-0.07	0%	0
027.43	Magnesium, ICP, Microwave (%)	0876	0.1324	0.0048	0.1305	0.0076	0.0029	34	0.24	1%	0
027.43	Magnesium, ICP, Microwave (%)	0918	0.1325	0.0010	0.1305	0.0076	0.0029	34	0.26	1%	0
027.43	Magnesium, ICP, Microwave (%)	2187	0.1330	0.0004	0.1305	0.0076	0.0029	34	0.32	1%	0
027.43	Magnesium, ICP, Microwave (%)	0202	0.1350	0.0100	0.1305	0.0076	0.0029	34	0.59	2%	0
027.43	Magnesium, ICP, Microwave (%)	0353	0.1350	0.0100	0.1305	0.0076	0.0029	34	0.59	2%	0
027.43	Magnesium, ICP, Microwave (%)	2124	0.1350	0.0100	0.1305	0.0076	0.0029	34	0.59	2%	0
027.43	Magnesium, ICP, Microwave (%)	2326	0.1350	0.0100	0.1305	0.0076	0.0029	34	0.59	2%	0
027.43	Magnesium, ICP, Microwave (%)	0017	0.1357	0.0056	0.1305	0.0076	0.0029	34	0.68	2%	0
027.43	Magnesium, ICP, Microwave (%)	0027	0.1360	0.0008	0.1305	0.0076	0.0029	34	0.72	2%	0
027.43	Magnesium, ICP, Microwave (%)	0051	0.1366	0.0015	0.1305	0.0076	0.0029	34	0.79	2%	0
027.43	Magnesium, ICP, Microwave (%)	0682	0.1400	0.0000	0.1305	0.0076	0.0029	34	1.24	4%	0
027.43	Magnesium, ICP, Microwave (%)	2033	0.1400	0.0000	0.1305	0.0076	0.0029	34	1.24	4%	0
027.43	Magnesium, ICP, Microwave (%)	0964	0.1418	0.0064	0.1305	0.0076	0.0029	34	1.48	4%	0
027.43	Magnesium, ICP, Microwave (%)	0089	0.1500	0.0000	0.1305	0.0076	0.0029	34	2.56	7%	0
027.43	Magnesium, ICP, Microwave (%)	0626	0.1555	0.0010	0.1305	0.0076	0.0029	34	3.28	10%	0
027.44	Magnesium, ICP, Dry ash (%)	2418	0.1340	0.0040	0.1379	0.0046	0.0013	10	-0.85	1%	0
027.44	Magnesium, ICP, Dry ash (%)	2114	0.1342	0.0025	0.1379	0.0046	0.0013	10	-0.82	1%	0
027.44	Magnesium, ICP, Dry ash (%)	2419	0.1350	0.0020	0.1379	0.0046	0.0013	10	-0.63	1%	0
027.44	Magnesium, ICP, Dry ash (%)	2421	0.1350	0.0000	0.1379	0.0046	0.0013	10	-0.63	1%	0
027.44	Magnesium, ICP, Dry ash (%)	2416	0.1355	0.0010	0.1379	0.0046	0.0013	10	-0.52	1%	0

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027.44	Magnesium, ICP, Dry ash (%)	2420	0.1365	0.0010	0.1379	0.0046	0.0013	10	-0.30	1%	0
027.44	Magnesium, ICP, Dry ash (%)	2422	0.1400	0.0000	0.1379	0.0046	0.0013	10	0.46	1%	0
027.44	Magnesium, ICP, Dry ash (%)	2424	0.1400	0.0000	0.1379	0.0046	0.0013	10	0.46	1%	0
027.44	Magnesium, ICP, Dry ash (%)	2417	0.1440	0.0000	0.1379	0.0046	0.0013	10	1.33	2%	0
027.44	Magnesium, ICP, Dry ash (%)	0065	0.1450	0.0020	0.1379	0.0046	0.0013	10	1.55	3%	0
027.44	Magnesium, ICP, Dry ash (%)	2426	0.1450	0.0100	0.1379	0.0046	0.0013	10	1.55	3%	1
027.53	Magnesium, ICP-MS, Microwave (%)	0939	0.1200	0.0000	0.1303	0.0091	0.0041	4			0
027.53	Magnesium, ICP-MS, Microwave (%)	0199	0.1255	0.0002	0.1303	0.0091	0.0041	4			0
027.53	Magnesium, ICP-MS, Microwave (%)	2409	0.1370	0.0040	0.1303	0.0091	0.0041	4			0
027.53	Magnesium, ICP-MS, Microwave (%)	0407	0.1389	0.0121	0.1303	0.0091	0.0041	4			0
027.99	Magnesium, Miscellaneous (%)	0123	0.1250	0.0100	0.1300	0.0041	0.0050	4			0
027.99	Magnesium, Miscellaneous (%)	0242	0.1300	0.0000	0.1300	0.0041	0.0050	4			0
027.99	Magnesium, Miscellaneous (%)	0590	0.1300	0.0000	0.1300	0.0041	0.0050	4			0
027.99	Magnesium, Miscellaneous (%)	0100	0.1350	0.0100	0.1300	0.0041	0.0050	4			0
028.31	Manganese, AAS, Dry ash (ppm)	2246	22.74	0.0667	38.26	4.883	1.306	9	-3.18	20%	0
028.31	Manganese, AAS, Dry ash (ppm)	2188	33.87	0.0000	38.26	4.883	1.306	9	-0.90	6%	0
028.31	Manganese, AAS, Dry ash (ppm)	0563	35.47	0.7781	38.26	4.883	1.306	9	-0.57	4%	0
028.31	Manganese, AAS, Dry ash (ppm)	2360	37.98	2.480	38.26	4.883	1.306	9	-0.06	0%	0
028.31	Manganese, AAS, Dry ash (ppm)	0529	38.70	0.2000	38.26	4.883	1.306	9	0.09	1%	0
028.31	Manganese, AAS, Dry ash (ppm)	0001	39.02	1.780	38.26	4.883	1.306	9	0.16	1%	0
028.31	Manganese, AAS, Dry ash (ppm)	2196	40.99	0.0000	38.26	4.883	1.306	9	0.56	4%	0
028.31	Manganese, AAS, Dry ash (ppm)	0939	43.30	1.740	38.26	4.883	1.306	9	1.03	7%	0
028.31	Manganese, AAS, Dry ash (ppm)	0651	44.09	4.706	38.26	4.883	1.306	9	1.19	8%	0
028.32	Manganese, AAS, Open vessel (ppm)	0038	43.80	7.000				1			0
028.33	Manganese, AAS, Microwave (ppm)	0948	38.28	0.5200				1			0
028.41	Manganese, ICP, Dry ash (ppm)	0358	35.10	1.870	39.09	2.239	1.401	17	-1.78	5%	0
028.41	Manganese, ICP, Dry ash (ppm)	0520	35.89	4.014	39.09	2.239	1.401	17	-1.43	4%	0
028.41	Manganese, ICP, Dry ash (ppm)	0619	37.45	0.5000	39.09	2.239	1.401	17	-0.73	2%	0
028.41	Manganese, ICP, Dry ash (ppm)	0004	37.81	5.620	39.09	2.239	1.401	17	-0.57	2%	0
028.41	Manganese, ICP, Dry ash (ppm)	0098	37.93	0.9200	39.09	2.239	1.401	17	-0.52	1%	0
028.41	Manganese, ICP, Dry ash (ppm)	0164	38.00	0.0000	39.09	2.239	1.401	17	-0.49	1%	0
028.41	Manganese, ICP, Dry ash (ppm)	0674	38.11	0.0000	39.09	2.239	1.401	17	-0.44	1%	0
028.41	Manganese, ICP, Dry ash (ppm)	0910	38.50	1.000	39.09	2.239	1.401	17	-0.26	1%	0
028.41	Manganese, ICP, Dry ash (ppm)	0049	38.86	1.360	39.09	2.239	1.401	17	-0.10	0%	0
028.41	Manganese, ICP, Dry ash (ppm)	2398	39.14	0.7000	39.09	2.239	1.401	17	0.02	0%	0
028.41	Manganese, ICP, Dry ash (ppm)	0229	39.45	1.870	39.09	2.239	1.401	17	0.16	0%	0
028.41	Manganese, ICP, Dry ash (ppm)	0171	39.97	0.4500	39.09	2.239	1.401	17	0.39	1%	0
028.41	Manganese, ICP, Dry ash (ppm)	0019	40.71	0.6700	39.09	2.239	1.401	17	0.72	2%	0
028.41	Manganese, ICP, Dry ash (ppm)	0354	40.98	0.2100	39.09	2.239	1.401	17	0.84	2%	0
028.41	Manganese, ICP, Dry ash (ppm)	0407	41.93	0.0953	39.09	2.239	1.401	17	1.27	4%	0
028.41	Manganese, ICP, Dry ash (ppm)	0226	42.02	0.5700	39.09	2.239	1.401	17	1.31	4%	0
028.41	Manganese, ICP, Dry ash (ppm)	0148	42.09	3.961	39.09	2.239	1.401	17	1.34	4%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
028.42	Manganese, ICP, Open vessel (ppm)	0870	35.16	0.5000	42.02	3.619	1.730	19	-1.90	8%	0
028.42	Manganese, ICP, Open vessel (ppm)	0685	36.96	0.2000	42.02	3.619	1.730	19	-1.40	6%	0
028.42	Manganese, ICP, Open vessel (ppm)	2319	38.45	2.300	42.02	3.619	1.730	19	-0.99	4%	0
028.42	Manganese, ICP, Open vessel (ppm)	0692	38.50	7.000	42.02	3.619	1.730	19	-0.97	4%	0
028.42	Manganese, ICP, Open vessel (ppm)	0504	40.00	7.800	42.02	3.619	1.730	19	-0.56	2%	0
028.42	Manganese, ICP, Open vessel (ppm)	0263	40.21	0.2160	42.02	3.619	1.730	19	-0.50	2%	0
028.42	Manganese, ICP, Open vessel (ppm)	0357	40.59	0.2710	42.02	3.619	1.730	19	-0.40	2%	0
028.42	Manganese, ICP, Open vessel (ppm)	0035	41.00	2.000	42.02	3.619	1.730	19	-0.28	1%	0
028.42	Manganese, ICP, Open vessel (ppm)	0042	41.15	2.100	42.02	3.619	1.730	19	-0.24	1%	0
028.42	Manganese, ICP, Open vessel (ppm)	2129	41.64	0.0900	42.02	3.619	1.730	19	-0.11	0%	0
028.42	Manganese, ICP, Open vessel (ppm)	0278	42.00	2.000	42.02	3.619	1.730	19	-0.01	0%	0
028.42	Manganese, ICP, Open vessel (ppm)	0366	43.00	2.000	42.02	3.619	1.730	19	0.27	1%	0
028.42	Manganese, ICP, Open vessel (ppm)	0037	43.75	0.3000	42.02	3.619	1.730	19	0.48	2%	0
028.42	Manganese, ICP, Open vessel (ppm)	0045	44.65	1.100	42.02	3.619	1.730	19	0.73	3%	0
028.42	Manganese, ICP, Open vessel (ppm)	0294	45.01	0.1800	42.02	3.619	1.730	19	0.83	4%	0
028.42	Manganese, ICP, Open vessel (ppm)	2375	45.50	3.000	42.02	3.619	1.730	19	0.96	4%	0
028.42	Manganese, ICP, Open vessel (ppm)	0009	46.00	0.0000	42.02	3.619	1.730	19	1.10	5%	0
028.42	Manganese, ICP, Open vessel (ppm)	0190	46.31	0.4900	42.02	3.619	1.730	19	1.18	5%	0
028.42	Manganese, ICP, Open vessel (ppm)	0726	47.09	1.330	42.02	3.619	1.730	19	1.40	6%	0
028.42	Manganese, ICP, Open vessel (ppm)	0265	40.15	14.90	42.02	3.619	1.730	19	-0.52	2%	1
028.43	Manganese, ICP, Microwave (ppm)	0226	34.07	0.0600	40.16	3.053	1.719	30	-2.00	8%	0
028.43	Manganese, ICP, Microwave (ppm)	0870	34.83	0.2700	40.16	3.053	1.719	30	-1.75	7%	0
028.43	Manganese, ICP, Microwave (ppm)	0511	36.50	1.000	40.16	3.053	1.719	30	-1.20	5%	0
028.43	Manganese, ICP, Microwave (ppm)	2089	36.93	1.760	40.16	3.053	1.719	30	-1.06	4%	0
028.43	Manganese, ICP, Microwave (ppm)	0505	37.63	0.3900	40.16	3.053	1.719	30	-0.83	3%	0
028.43	Manganese, ICP, Microwave (ppm)	0675	37.74	0.1000	40.16	3.053	1.719	30	-0.79	3%	0
028.43	Manganese, ICP, Microwave (ppm)	0297	38.00	2.000	40.16	3.053	1.719	30	-0.71	3%	0
028.43	Manganese, ICP, Microwave (ppm)	0512	38.04	0.0600	40.16	3.053	1.719	30	-0.70	3%	0
028.43	Manganese, ICP, Microwave (ppm)	0918	38.08	2.820	40.16	3.053	1.719	30	-0.68	3%	0
028.43	Manganese, ICP, Microwave (ppm)	0610	38.48	0.0500	40.16	3.053	1.719	30	-0.55	2%	0
028.43	Manganese, ICP, Microwave (ppm)	0510	38.50	1.000	40.16	3.053	1.719	30	-0.54	2%	0
028.43	Manganese, ICP, Microwave (ppm)	0169	38.95	0.5000	40.16	3.053	1.719	30	-0.40	2%	0
028.43	Manganese, ICP, Microwave (ppm)	0035	39.00	0.0000	40.16	3.053	1.719	30	-0.38	1%	0
028.43	Manganese, ICP, Microwave (ppm)	0083	39.89	0.1800	40.16	3.053	1.719	30	-0.09	0%	0
028.43	Manganese, ICP, Microwave (ppm)	0964	40.10	1.600	40.16	3.053	1.719	30	-0.02	0%	0
028.43	Manganese, ICP, Microwave (ppm)	0626	40.74	0.2150	40.16	3.053	1.719	30	0.19	1%	0
028.43	Manganese, ICP, Microwave (ppm)	2033	40.92	4.610	40.16	3.053	1.719	30	0.25	1%	0
028.43	Manganese, ICP, Microwave (ppm)	0345	41.00	1.200	40.16	3.053	1.719	30	0.27	1%	0
028.43	Manganese, ICP, Microwave (ppm)	0353	41.00	6.000	40.16	3.053	1.719	30	0.27	1%	0
028.43	Manganese, ICP, Microwave (ppm)	0098	41.02	0.6300	40.16	3.053	1.719	30	0.28	1%	0
028.43	Manganese, ICP, Microwave (ppm)	2124	41.10	2.360	40.16	3.053	1.719	30	0.31	1%	0
028.43	Manganese, ICP, Microwave (ppm)	0202	41.20	0.6000	40.16	3.053	1.719	30	0.34	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
028.43	Manganese, ICP, Microwave (ppm)	2023	42.10	1.200	40.16	3.053	1.719	30	0.63	2%	0
028.43	Manganese, ICP, Microwave (ppm)	0407	42.38	3.187	40.16	3.053	1.719	30	0.73	3%	0
028.43	Manganese, ICP, Microwave (ppm)	0682	42.44	0.0000	40.16	3.053	1.719	30	0.75	3%	0
028.43	Manganese, ICP, Microwave (ppm)	0051	43.44	8.120	40.16	3.053	1.719	30	1.07	4%	0
028.43	Manganese, ICP, Microwave (ppm)	0038	44.35	6.500	40.16	3.053	1.719	30	1.37	5%	0
028.43	Manganese, ICP, Microwave (ppm)	0017	44.78	5.054	40.16	3.053	1.719	30	1.51	6%	0
028.43	Manganese, ICP, Microwave (ppm)	0968	45.60	0.1110	40.16	3.053	1.719	30	1.78	7%	0
028.43	Manganese, ICP, Microwave (ppm)	2326	46.00	0.0000	40.16	3.053	1.719	30	1.91	7%	0
028.44	Manganese, ICP, Dry ash (ppm)	0066	31.11	1.550	41.02	1.546	1.578	11	-6.42	12%	0
028.44	Manganese, ICP, Dry ash (ppm)	2114	39.18	0.1810	41.02	1.546	1.578	11	-1.19	2%	0
028.44	Manganese, ICP, Dry ash (ppm)	2419	39.98	0.1800	41.02	1.546	1.578	11	-0.68	1%	0
028.44	Manganese, ICP, Dry ash (ppm)	2418	40.30	1.890	41.02	1.546	1.578	11	-0.47	1%	0
028.44	Manganese, ICP, Dry ash (ppm)	2416	40.86	1.660	41.02	1.546	1.578	11	-0.11	0%	0
028.44	Manganese, ICP, Dry ash (ppm)	2420	41.10	0.9000	41.02	1.546	1.578	11	0.05	0%	0
028.44	Manganese, ICP, Dry ash (ppm)	2426	41.64	4.390	41.02	1.546	1.578	11	0.39	1%	0
028.44	Manganese, ICP, Dry ash (ppm)	2424	41.83	2.070	41.02	1.546	1.578	11	0.52	1%	0
028.44	Manganese, ICP, Dry ash (ppm)	2421	42.48	1.680	41.02	1.546	1.578	11	0.94	2%	0
028.44	Manganese, ICP, Dry ash (ppm)	0065	42.49	2.320	41.02	1.546	1.578	11	0.95	2%	0
028.44	Manganese, ICP, Dry ash (ppm)	2422	42.72	0.5400	41.02	1.546	1.578	11	1.10	2%	0
028.44	Manganese, ICP, Dry ash (ppm)	2417	45.94	9.130	41.02	1.546	1.578	11	3.18	6%	1
028.53	Manganese, ICP-MS, Microwave (ppm)	0199	33.91	1.090	39.13	3.454	1.804	5			0
028.53	Manganese, ICP-MS, Microwave (ppm)	2409	38.08	0.2860	39.13	3.454	1.804	5			0
028.53	Manganese, ICP-MS, Microwave (ppm)	0939	39.26	2.020	39.13	3.454	1.804	5			0
028.53	Manganese, ICP-MS, Microwave (ppm)	2192	41.70	5.000	39.13	3.454	1.804	5			0
028.53	Manganese, ICP-MS, Microwave (ppm)	0407	42.69	0.6218	39.13	3.454	1.804	5			0
028.99	Manganese, Miscellaneous (ppm)	0123	39.90	3.600	41.40	1.374	1.600	4			0
028.99	Manganese, Miscellaneous (ppm)	0100	41.00	0.0000	41.40	1.374	1.600	4			0
028.99	Manganese, Miscellaneous (ppm)	0242	41.50	1.000	41.40	1.374	1.600	4			0
028.99	Manganese, Miscellaneous (ppm)	0590	43.20	1.800	41.40	1.374	1.600	4			0
030.01	Nitrate, Ion-selective electrode (%)	0357	0.4950	0.0000				1			0
031.01	Phosphorus, Photometric (%)	0108	0.8350	0.0500	1.046	0.0306	0.0223	30	-6.88	10%	0
031.01	Phosphorus, Photometric (%)	2200	0.9650	0.0300	1.046	0.0306	0.0223	30	-2.64	4%	0
031.01	Phosphorus, Photometric (%)	0656	0.9900	0.0000	1.046	0.0306	0.0223	30	-1.82	3%	0
031.01	Phosphorus, Photometric (%)	0529	1.010	0.0000	1.046	0.0306	0.0223	30	-1.17	2%	0
031.01	Phosphorus, Photometric (%)	2199	1.015	0.0500	1.046	0.0306	0.0223	30	-1.01	1%	0
031.01	Phosphorus, Photometric (%)	2246	1.020	0.0000	1.046	0.0306	0.0223	30	-0.84	1%	0
031.01	Phosphorus, Photometric (%)	0646	1.025	0.0100	1.046	0.0306	0.0223	30	-0.68	1%	0
031.01	Phosphorus, Photometric (%)	0689	1.025	0.0100	1.046	0.0306	0.0223	30	-0.68	1%	0
031.01	Phosphorus, Photometric (%)	2192	1.025	0.0100	1.046	0.0306	0.0223	30	-0.68	1%	0
031.01	Phosphorus, Photometric (%)	0038	1.030	0.0400	1.046	0.0306	0.0223	30	-0.52	1%	0
031.01	Phosphorus, Photometric (%)	0142	1.034	0.0307	1.046	0.0306	0.0223	30	-0.38	1%	0
031.01	Phosphorus, Photometric (%)	2006	1.039	0.0410	1.046	0.0306	0.0223	30	-0.24	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
031.01	Phosphorus, Photometric (%)	0651	1.040	0.0577	1.046	0.0306	0.0223	30	-0.19	0%	0
031.01	Phosphorus, Photometric (%)	0590	1.045	0.0500	1.046	0.0306	0.0223	30	-0.03	0%	0
031.01	Phosphorus, Photometric (%)	0622	1.047	0.0281	1.046	0.0306	0.0223	30	0.04	0%	0
031.01	Phosphorus, Photometric (%)	2009	1.050	0.0009	1.046	0.0306	0.0223	30	0.12	0%	0
031.01	Phosphorus, Photometric (%)	0018	1.050	0.0800	1.046	0.0306	0.0223	30	0.13	0%	0
031.01	Phosphorus, Photometric (%)	2337	1.050	0.0000	1.046	0.0306	0.0223	30	0.13	0%	0
031.01	Phosphorus, Photometric (%)	0884	1.060	0.0400	1.046	0.0306	0.0223	30	0.46	1%	0
031.01	Phosphorus, Photometric (%)	2196	1.060	0.0000	1.046	0.0306	0.0223	30	0.46	1%	0
031.01	Phosphorus, Photometric (%)	0563	1.061	0.0138	1.046	0.0306	0.0223	30	0.49	1%	0
031.01	Phosphorus, Photometric (%)	0687	1.065	0.0300	1.046	0.0306	0.0223	30	0.62	1%	0
031.01	Phosphorus, Photometric (%)	0948	1.065	0.0100	1.046	0.0306	0.0223	30	0.62	1%	0
031.01	Phosphorus, Photometric (%)	0885	1.066	0.0137	1.046	0.0306	0.0223	30	0.67	1%	0
031.01	Phosphorus, Photometric (%)	0939	1.075	0.0500	1.046	0.0306	0.0223	30	0.95	1%	0
031.01	Phosphorus, Photometric (%)	2190	1.077	0.0068	1.046	0.0306	0.0223	30	1.01	1%	0
031.01	Phosphorus, Photometric (%)	2022	1.080	0.0000	1.046	0.0306	0.0223	30	1.11	2%	0
031.01	Phosphorus, Photometric (%)	2325	1.080	0.0000	1.046	0.0306	0.0223	30	1.11	2%	0
031.01	Phosphorus, Photometric (%)	2109	1.092	0.0170	1.046	0.0306	0.0223	30	1.49	2%	0
031.01	Phosphorus, Photometric (%)	2188	1.100	0.0000	1.046	0.0306	0.0223	30	1.77	3%	0
031.01	Phosphorus, Photometric (%)	0921	0.7837	0.2921	1.046	0.0306	0.0223	30	-8.56	13%	1
031.03	Phosphorus, Autoanalyzer (%)	0169	0.9250	0.0300				2			0
031.03	Phosphorus, Autoanalyzer (%)	0001	1.057	0.0090				2			0
031.41	Phosphorus, ICP, Dry ash (%)	0848	0.9400	0.0400	1.039	0.0530	0.0384	20	-1.87	5%	0
031.41	Phosphorus, ICP, Dry ash (%)	0910	0.9800	0.0200	1.039	0.0530	0.0384	20	-1.12	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0019	0.9850	0.0300	1.039	0.0530	0.0384	20	-1.02	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0229	0.9850	0.1100	1.039	0.0530	0.0384	20	-1.02	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0144	1.000	0.0400	1.039	0.0530	0.0384	20	-0.74	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0004	1.010	0.0600	1.039	0.0530	0.0384	20	-0.55	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0674	1.010	0.0000	1.039	0.0530	0.0384	20	-0.55	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0685	1.010	0.0200	1.039	0.0530	0.0384	20	-0.55	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	1023	1.015	0.0300	1.039	0.0530	0.0384	20	-0.46	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0520	1.023	0.0620	1.039	0.0530	0.0384	20	-0.30	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0407	1.054	0.0169	1.039	0.0530	0.0384	20	0.28	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0098	1.063	0.0490	1.039	0.0530	0.0384	20	0.44	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0171	1.065	0.0100	1.039	0.0530	0.0384	20	0.49	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0619	1.065	0.0100	1.039	0.0530	0.0384	20	0.49	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0354	1.075	0.0000	1.039	0.0530	0.0384	20	0.68	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	2398	1.080	0.0200	1.039	0.0530	0.0384	20	0.77	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0358	1.085	0.0700	1.039	0.0530	0.0384	20	0.87	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0148	1.100	0.1000	1.039	0.0530	0.0384	20	1.15	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0226	1.100	0.0200	1.039	0.0530	0.0384	20	1.15	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0049	1.120	0.0600	1.039	0.0530	0.0384	20	1.53	4%	0
031.42	Phosphorus, ICP, Open vessel (%)	0294	0.9400	0.0200	1.066	0.0870	0.0289	19	-1.44	6%	0

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031.42	Phosphorus, ICP, Open vessel (%)	0042	0.9775	0.0250	1.066	0.0870	0.0289	19	-1.01	4%	0
031.42	Phosphorus, ICP, Open vessel (%)	0263	0.9785	0.0070	1.066	0.0870	0.0289	19	-1.00	4%	0
031.42	Phosphorus, ICP, Open vessel (%)	0265	0.9950	0.0700	1.066	0.0870	0.0289	19	-0.81	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	0047	1.000	0.0200	1.066	0.0870	0.0289	19	-0.75	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	0366	1.010	0.0800	1.066	0.0870	0.0289	19	-0.64	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	2319	1.025	0.0500	1.066	0.0870	0.0289	19	-0.47	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0045	1.030	0.0200	1.066	0.0870	0.0289	19	-0.41	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	2129	1.050	0.0190	1.066	0.0870	0.0289	19	-0.19	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0504	1.050	0.0060	1.066	0.0870	0.0289	19	-0.18	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0870	1.058	0.0190	1.066	0.0870	0.0289	19	-0.09	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0035	1.070	0.0200	1.066	0.0870	0.0289	19	0.05	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0037	1.109	0.0120	1.066	0.0870	0.0289	19	0.50	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0278	1.110	0.0200	1.066	0.0870	0.0289	19	0.51	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0726	1.145	0.0100	1.066	0.0870	0.0289	19	0.91	4%	0
031.42	Phosphorus, ICP, Open vessel (%)	0190	1.160	0.0000	1.066	0.0870	0.0289	19	1.09	4%	0
031.42	Phosphorus, ICP, Open vessel (%)	0357	1.161	0.0405	1.066	0.0870	0.0289	19	1.09	4%	0
031.42	Phosphorus, ICP, Open vessel (%)	0009	1.183	0.0415	1.066	0.0870	0.0289	19	1.35	6%	0
031.42	Phosphorus, ICP, Open vessel (%)	2375	1.205	0.0700	1.066	0.0870	0.0289	19	1.60	7%	0
031.42	Phosphorus, ICP, Open vessel (%)	0692	1.010	0.2600	1.066	0.0870	0.0289	19	-0.64	3%	1
031.43	Phosphorus, ICP, Microwave (%)	0226	0.9300	0.0000	1.079	0.0452	0.0286	38	-3.30	7%	0
031.43	Phosphorus, ICP, Microwave (%)	0051	1.007	0.0487	1.079	0.0452	0.0286	38	-1.58	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0001	1.015	0.0100	1.079	0.0452	0.0286	38	-1.41	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0010	1.015	0.0300	1.079	0.0452	0.0286	38	-1.41	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0511	1.015	0.0100	1.079	0.0452	0.0286	38	-1.41	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0297	1.020	0.0600	1.079	0.0452	0.0286	38	-1.30	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0512	1.032	0.0050	1.079	0.0452	0.0286	38	-1.05	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0345	1.035	0.0300	1.079	0.0452	0.0286	38	-0.97	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0968	1.043	0.0150	1.079	0.0452	0.0286	38	-0.80	2%	0
031.43	Phosphorus, ICP, Microwave (%)	2033	1.050	0.0200	1.079	0.0452	0.0286	38	-0.64	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0610	1.055	0.0100	1.079	0.0452	0.0286	38	-0.53	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0006	1.060	0.0200	1.079	0.0452	0.0286	38	-0.42	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0083	1.075	0.0120	1.079	0.0452	0.0286	38	-0.08	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0918	1.079	0.0240	1.079	0.0452	0.0286	38	0.00	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0098	1.079	0.0420	1.079	0.0452	0.0286	38	0.00	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0202	1.080	0.0200	1.079	0.0452	0.0286	38	0.03	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0682	1.080	0.0000	1.079	0.0452	0.0286	38	0.03	0%	0
031.43	Phosphorus, ICP, Microwave (%)	2089	1.080	0.0400	1.079	0.0452	0.0286	38	0.03	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0407	1.082	0.1147	1.079	0.0452	0.0286	38	0.08	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0038	1.085	0.0900	1.079	0.0452	0.0286	38	0.14	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0505	1.085	0.0900	1.079	0.0452	0.0286	38	0.14	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0027	1.089	0.0240	1.079	0.0452	0.0286	38	0.23	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0876	1.090	0.0400	1.079	0.0452	0.0286	38	0.25	1%	0



Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
031.43	Phosphorus, ICP, Microwave (%)	2187	1.092	0.0063	1.079	0.0452	0.0286	38	0.29	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0017	1.094	0.0444	1.079	0.0452	0.0286	38	0.33	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0035	1.095	0.0100	1.079	0.0452	0.0286	38	0.36	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0353	1.095	0.0300	1.079	0.0452	0.0286	38	0.36	1%	0
031.43	Phosphorus, ICP, Microwave (%)	2023	1.100	0.0400	1.079	0.0452	0.0286	38	0.47	1%	0
031.43	Phosphorus, ICP, Microwave (%)	2326	1.100	0.0000	1.079	0.0452	0.0286	38	0.47	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0300	1.105	0.0100	1.079	0.0452	0.0286	38	0.58	1%	0
031.43	Phosphorus, ICP, Microwave (%)	2124	1.105	0.0100	1.079	0.0452	0.0286	38	0.58	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0675	1.110	0.0200	1.079	0.0452	0.0286	38	0.69	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0626	1.126	0.0080	1.079	0.0452	0.0286	38	1.04	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0510	1.130	0.0400	1.079	0.0452	0.0286	38	1.13	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0089	1.140	0.0000	1.079	0.0452	0.0286	38	1.35	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0036	1.145	0.0087	1.079	0.0452	0.0286	38	1.46	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0870	1.161	0.0630	1.079	0.0452	0.0286	38	1.81	4%	0
031.43	Phosphorus, ICP, Microwave (%)	0011	1.200	0.0400	1.079	0.0452	0.0286	38	2.68	6%	0
031.43	Phosphorus, ICP, Microwave (%)	0964	1.064	0.1458	1.079	0.0452	0.0286	38	-0.32	1%	1
031.44	Phosphorus, ICP, Dry ash (%)	0066	0.9690	0.0440	1.047	0.0403	0.0245	13	-1.93	4%	0
031.44	Phosphorus, ICP, Dry ash (%)	2419	1.005	0.0100	1.047	0.0403	0.0245	13	-1.03	2%	0
031.44	Phosphorus, ICP, Dry ash (%)	2421	1.021	0.0170	1.047	0.0403	0.0245	13	-0.65	1%	0
031.44	Phosphorus, ICP, Dry ash (%)	2416	1.024	0.0010	1.047	0.0403	0.0245	13	-0.57	1%	0
031.44	Phosphorus, ICP, Dry ash (%)	2418	1.025	0.0350	1.047	0.0403	0.0245	13	-0.55	1%	0
031.44	Phosphorus, ICP, Dry ash (%)	2426	1.030	0.0800	1.047	0.0403	0.0245	13	-0.41	1%	0
031.44	Phosphorus, ICP, Dry ash (%)	0164	1.045	0.0100	1.047	0.0403	0.0245	13	-0.04	0%	0
031.44	Phosphorus, ICP, Dry ash (%)	2420	1.045	0.0100	1.047	0.0403	0.0245	13	-0.04	0%	0
031.44	Phosphorus, ICP, Dry ash (%)	2424	1.075	0.0100	1.047	0.0403	0.0245	13	0.70	1%	0
031.44	Phosphorus, ICP, Dry ash (%)	2114	1.080	0.0228	1.047	0.0403	0.0245	13	0.84	2%	0
031.44	Phosphorus, ICP, Dry ash (%)	2422	1.085	0.0100	1.047	0.0403	0.0245	13	0.95	2%	0
031.44	Phosphorus, ICP, Dry ash (%)	2417	1.089	0.0340	1.047	0.0403	0.0245	13	1.05	2%	0
031.44	Phosphorus, ICP, Dry ash (%)	0065	1.098	0.0350	1.047	0.0403	0.0245	13	1.26	2%	0
031.53	Phosphorus, ICP-MS, Microwave (%)	2409	0.5510	0.0140	0.9550	0.2760	0.0479	4			0
031.53	Phosphorus, ICP-MS, Microwave (%)	0199	1.024	0.0120	0.9550	0.2760	0.0479	4			0
031.53	Phosphorus, ICP-MS, Microwave (%)	0939	1.075	0.0700	0.9550	0.2760	0.0479	4			0
031.53	Phosphorus, ICP-MS, Microwave (%)	0407	1.170	0.0954	0.9550	0.2760	0.0479	4			0
031.99	Phosphorus, Miscellaneous (%)	0242	1.010	0.0200	1.039	0.0347	0.0175	4			0
031.99	Phosphorus, Miscellaneous (%)	0676	1.010	0.0200	1.039	0.0347	0.0175	4			0
031.99	Phosphorus, Miscellaneous (%)	0100	1.055	0.0100	1.039	0.0347	0.0175	4			0
031.99	Phosphorus, Miscellaneous (%)	0123	1.080	0.0200	1.039	0.0347	0.0175	4			0
032.31	Potassium, AAS, Dry ash (%)	0563	0.3777	0.0136	0.7427	0.0697	0.0345	9	-5.24	25%	0
032.31	Potassium, AAS, Dry ash (%)	0038	0.6405	0.0470	0.7427	0.0697	0.0345	9	-1.47	7%	0
032.31	Potassium, AAS, Dry ash (%)	0529	0.7400	0.0400	0.7427	0.0697	0.0345	9	-0.04	0%	0
032.31	Potassium, AAS, Dry ash (%)	2246	0.7524	0.0165	0.7427	0.0697	0.0345	9	0.14	1%	0
032.31	Potassium, AAS, Dry ash (%)	0142	0.7621	0.0710	0.7427	0.0697	0.0345	9	0.28	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
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032.31	Potassium, AAS, Dry ash (%)	0939	0.7750	0.0100	0.7427	0.0697	0.0345	9	0.46	2%	0
032.31	Potassium, AAS, Dry ash (%)	0948	0.7895	0.0410	0.7427	0.0697	0.0345	9	0.67	3%	0
032.31	Potassium, AAS, Dry ash (%)	2360	0.7900	0.0600	0.7427	0.0697	0.0345	9	0.68	3%	0
032.31	Potassium, AAS, Dry ash (%)	0208	0.7965	0.0110	0.7427	0.0697	0.0345	9	0.77	4%	0
032.32	Potassium, AAS, Open vessel (%)	0169	0.7350	0.0100				1			0
032.41	Potassium, ICP, Dry ash (%)	0674	0.6800	0.0000	0.7374	0.0387	0.0202	18	-1.48	4%	0
032.41	Potassium, ICP, Dry ash (%)	0019	0.6850	0.0300	0.7374	0.0387	0.0202	18	-1.35	4%	0
032.41	Potassium, ICP, Dry ash (%)	0520	0.6980	0.0240	0.7374	0.0387	0.0202	18	-1.02	3%	0
032.41	Potassium, ICP, Dry ash (%)	0004	0.7100	0.0400	0.7374	0.0387	0.0202	18	-0.71	2%	0
032.41	Potassium, ICP, Dry ash (%)	0144	0.7100	0.0400	0.7374	0.0387	0.0202	18	-0.71	2%	0
032.41	Potassium, ICP, Dry ash (%)	0910	0.7100	0.0000	0.7374	0.0387	0.0202	18	-0.71	2%	0
032.41	Potassium, ICP, Dry ash (%)	0619	0.7175	0.0170	0.7374	0.0387	0.0202	18	-0.51	1%	0
032.41	Potassium, ICP, Dry ash (%)	0358	0.7300	0.0200	0.7374	0.0387	0.0202	18	-0.19	0%	0
032.41	Potassium, ICP, Dry ash (%)	1023	0.7300	0.0200	0.7374	0.0387	0.0202	18	-0.19	0%	0
032.41	Potassium, ICP, Dry ash (%)	0148	0.7395	0.0030	0.7374	0.0387	0.0202	18	0.06	0%	0
032.41	Potassium, ICP, Dry ash (%)	0098	0.7550	0.0300	0.7374	0.0387	0.0202	18	0.46	1%	0
032.41	Potassium, ICP, Dry ash (%)	0229	0.7600	0.0400	0.7374	0.0387	0.0202	18	0.59	2%	0
032.41	Potassium, ICP, Dry ash (%)	0171	0.7650	0.0100	0.7374	0.0387	0.0202	18	0.72	2%	0
032.41	Potassium, ICP, Dry ash (%)	0407	0.7694	0.0287	0.7374	0.0387	0.0202	18	0.83	2%	0
032.41	Potassium, ICP, Dry ash (%)	0354	0.7710	0.0000	0.7374	0.0387	0.0202	18	0.87	2%	0
032.41	Potassium, ICP, Dry ash (%)	2398	0.7750	0.0100	0.7374	0.0387	0.0202	18	0.97	3%	0
032.41	Potassium, ICP, Dry ash (%)	0066	0.7820	0.0400	0.7374	0.0387	0.0202	18	1.15	3%	0
032.41	Potassium, ICP, Dry ash (%)	0226	0.7850	0.0100	0.7374	0.0387	0.0202	18	1.23	3%	0
032.41	Potassium, ICP, Dry ash (%)	0049	0.8200	0.1000	0.7374	0.0387	0.0202	18	2.14	6%	1
032.42	Potassium, ICP, Open vessel (%)	0265	0.6550	0.0300	0.7822	0.0755	0.0210	18	-1.68	8%	0
032.42	Potassium, ICP, Open vessel (%)	2129	0.6888	0.0016	0.7822	0.0755	0.0210	18	-1.24	6%	0
032.42	Potassium, ICP, Open vessel (%)	0870	0.7021	0.0094	0.7822	0.0755	0.0210	18	-1.06	5%	0
032.42	Potassium, ICP, Open vessel (%)	0045	0.7045	0.0010	0.7822	0.0755	0.0210	18	-1.03	5%	0
032.42	Potassium, ICP, Open vessel (%)	0294	0.7150	0.0300	0.7822	0.0755	0.0210	18	-0.89	4%	0
032.42	Potassium, ICP, Open vessel (%)	0042	0.7565	0.0030	0.7822	0.0755	0.0210	18	-0.34	2%	0
032.42	Potassium, ICP, Open vessel (%)	0037	0.7770	0.0040	0.7822	0.0755	0.0210	18	-0.07	0%	0
032.42	Potassium, ICP, Open vessel (%)	0035	0.7800	0.0000	0.7822	0.0755	0.0210	18	-0.03	0%	0
032.42	Potassium, ICP, Open vessel (%)	0278	0.7850	0.0500	0.7822	0.0755	0.0210	18	0.04	0%	0
032.42	Potassium, ICP, Open vessel (%)	0504	0.7850	0.0500	0.7822	0.0755	0.0210	18	0.04	0%	0
032.42	Potassium, ICP, Open vessel (%)	0047	0.7900	0.0200	0.7822	0.0755	0.0210	18	0.10	0%	0
032.42	Potassium, ICP, Open vessel (%)	0263	0.8160	0.0060	0.7822	0.0755	0.0210	18	0.45	2%	0
032.42	Potassium, ICP, Open vessel (%)	0366	0.8200	0.0400	0.7822	0.0755	0.0210	18	0.50	2%	0
032.42	Potassium, ICP, Open vessel (%)	0190	0.8300	0.0000	0.7822	0.0755	0.0210	18	0.63	3%	0
032.42	Potassium, ICP, Open vessel (%)	0726	0.8350	0.0100	0.7822	0.0755	0.0210	18	0.70	3%	0
032.42	Potassium, ICP, Open vessel (%)	0357	0.8351	0.0039	0.7822	0.0755	0.0210	18	0.70	3%	0
032.42	Potassium, ICP, Open vessel (%)	2375	0.9200	0.0600	0.7822	0.0755	0.0210	18	1.82	9%	0
032.42	Potassium, ICP, Open vessel (%)	0009	0.9236	0.0593	0.7822	0.0755	0.0210	18	1.87	9%	0

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032.42	Potassium, ICP, Open vessel (%)	0692	0.7750	0.1700	0.7822	0.0755	0.0210	18	-0.10	0%	1
032.43	Potassium, ICP, Microwave (%)	0226	0.6500	0.0000	0.7743	0.0352	0.0224	37	-3.53	8%	0
032.43	Potassium, ICP, Microwave (%)	0968	0.6895	0.0010	0.7743	0.0352	0.0224	37	-2.41	5%	0
032.43	Potassium, ICP, Microwave (%)	0098	0.7100	0.0200	0.7743	0.0352	0.0224	37	-1.83	4%	0
032.43	Potassium, ICP, Microwave (%)	0870	0.7216	0.0118	0.7743	0.0352	0.0224	37	-1.50	3%	0
032.43	Potassium, ICP, Microwave (%)	0610	0.7250	0.0100	0.7743	0.0352	0.0224	37	-1.40	3%	0
032.43	Potassium, ICP, Microwave (%)	0512	0.7358	0.0215	0.7743	0.0352	0.0224	37	-1.09	2%	0
032.43	Potassium, ICP, Microwave (%)	0345	0.7360	0.0100	0.7743	0.0352	0.0224	37	-1.09	2%	0
032.43	Potassium, ICP, Microwave (%)	2089	0.7450	0.0100	0.7743	0.0352	0.0224	37	-0.83	2%	0
032.43	Potassium, ICP, Microwave (%)	0918	0.7480	0.0120	0.7743	0.0352	0.0224	37	-0.75	2%	0
032.43	Potassium, ICP, Microwave (%)	0511	0.7500	0.0400	0.7743	0.0352	0.0224	37	-0.69	2%	0
032.43	Potassium, ICP, Microwave (%)	2023	0.7530	0.0020	0.7743	0.0352	0.0224	37	-0.60	1%	0
032.43	Potassium, ICP, Microwave (%)	0027	0.7630	0.0060	0.7743	0.0352	0.0224	37	-0.32	1%	0
032.43	Potassium, ICP, Microwave (%)	0089	0.7700	0.0000	0.7743	0.0352	0.0224	37	-0.12	0%	0
032.43	Potassium, ICP, Microwave (%)	0083	0.7735	0.0210	0.7743	0.0352	0.0224	37	-0.02	0%	0
032.43	Potassium, ICP, Microwave (%)	0006	0.7750	0.0060	0.7743	0.0352	0.0224	37	0.02	0%	0
032.43	Potassium, ICP, Microwave (%)	0035	0.7750	0.0100	0.7743	0.0352	0.0224	37	0.02	0%	0
032.43	Potassium, ICP, Microwave (%)	0675	0.7750	0.0100	0.7743	0.0352	0.0224	37	0.02	0%	0
032.43	Potassium, ICP, Microwave (%)	2124	0.7750	0.0500	0.7743	0.0352	0.0224	37	0.02	0%	0
032.43	Potassium, ICP, Microwave (%)	0876	0.7775	0.0650	0.7743	0.0352	0.0224	37	0.09	0%	0
032.43	Potassium, ICP, Microwave (%)	0353	0.7800	0.0800	0.7743	0.0352	0.0224	37	0.16	0%	0
032.43	Potassium, ICP, Microwave (%)	0038	0.7805	0.0610	0.7743	0.0352	0.0224	37	0.18	0%	0
032.43	Potassium, ICP, Microwave (%)	2033	0.7850	0.0100	0.7743	0.0352	0.0224	37	0.30	1%	0
032.43	Potassium, ICP, Microwave (%)	2187	0.7889	0.0017	0.7743	0.0352	0.0224	37	0.41	1%	0
032.43	Potassium, ICP, Microwave (%)	0051	0.7892	0.0094	0.7743	0.0352	0.0224	37	0.42	1%	0
032.43	Potassium, ICP, Microwave (%)	0017	0.7898	0.0286	0.7743	0.0352	0.0224	37	0.44	1%	0
032.43	Potassium, ICP, Microwave (%)	0505	0.7900	0.0200	0.7743	0.0352	0.0224	37	0.45	1%	0
032.43	Potassium, ICP, Microwave (%)	0682	0.7900	0.0000	0.7743	0.0352	0.0224	37	0.45	1%	0
032.43	Potassium, ICP, Microwave (%)	0964	0.7912	0.0535	0.7743	0.0352	0.0224	37	0.48	1%	0
032.43	Potassium, ICP, Microwave (%)	0011	0.7950	0.0500	0.7743	0.0352	0.0224	37	0.59	1%	0
032.43	Potassium, ICP, Microwave (%)	0036	0.7973	0.0348	0.7743	0.0352	0.0224	37	0.65	1%	0
032.43	Potassium, ICP, Microwave (%)	0202	0.8000	0.0200	0.7743	0.0352	0.0224	37	0.73	2%	0
032.43	Potassium, ICP, Microwave (%)	0297	0.8000	0.0200	0.7743	0.0352	0.0224	37	0.73	2%	0
032.43	Potassium, ICP, Microwave (%)	0510	0.8100	0.0200	0.7743	0.0352	0.0224	37	1.01	2%	0
032.43	Potassium, ICP, Microwave (%)	0010	0.8200	0.0200	0.7743	0.0352	0.0224	37	1.30	3%	0
032.43	Potassium, ICP, Microwave (%)	2326	0.8250	0.0900	0.7743	0.0352	0.0224	37	1.44	3%	0
032.43	Potassium, ICP, Microwave (%)	0626	0.8350	0.0000	0.7743	0.0352	0.0224	37	1.72	4%	0
032.43	Potassium, ICP, Microwave (%)	0407	0.8531	0.0026	0.7743	0.0352	0.0224	37	2.24	5%	0
032.44	Potassium, ICP, Dry ash (%)	2114	0.7565	0.0143	0.7930	0.0318	0.0114	11	-1.15	2%	0
032.44	Potassium, ICP, Dry ash (%)	0164	0.7595	0.0030	0.7930	0.0318	0.0114	11	-1.05	2%	0
032.44	Potassium, ICP, Dry ash (%)	2418	0.7695	0.0230	0.7930	0.0318	0.0114	11	-0.74	1%	0
032.44	Potassium, ICP, Dry ash (%)	2416	0.7835	0.0010	0.7930	0.0318	0.0114	11	-0.30	1%	0

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032.44	Potassium, ICP, Dry ash (%)	2419	0.7850	0.0100	0.7930	0.0318	0.0114	11	-0.25	1%	0
032.44	Potassium, ICP, Dry ash (%)	2422	0.7900	0.0200	0.7930	0.0318	0.0114	11	-0.09	0%	0
032.44	Potassium, ICP, Dry ash (%)	2420	0.7950	0.0100	0.7930	0.0318	0.0114	11	0.06	0%	0
032.44	Potassium, ICP, Dry ash (%)	2424	0.8000	0.0200	0.7930	0.0318	0.0114	11	0.22	0%	0
032.44	Potassium, ICP, Dry ash (%)	2421	0.8030	0.0040	0.7930	0.0318	0.0114	11	0.31	1%	0
032.44	Potassium, ICP, Dry ash (%)	2417	0.8405	0.0070	0.7930	0.0318	0.0114	11	1.49	3%	0
032.44	Potassium, ICP, Dry ash (%)	0065	0.8485	0.0130	0.7930	0.0318	0.0114	11	1.75	3%	0
032.44	Potassium, ICP, Dry ash (%)	2426	0.8200	0.0800	0.7930	0.0318	0.0114	11	0.85	2%	1
032.52	Potassium, ICP-MS, Open vessel (%)	2319	0.7100	0.0400				1			0
032.53	Potassium, ICP-MS, Microwave (%)	0199	0.7419	0.0049	0.7968	0.0525	0.0097	4			0
032.53	Potassium, ICP-MS, Microwave (%)	0939	0.7650	0.0100	0.7968	0.0525	0.0097	4			0
032.53	Potassium, ICP-MS, Microwave (%)	2409	0.8245	0.0230	0.7968	0.0525	0.0097	4			0
032.53	Potassium, ICP-MS, Microwave (%)	0407	0.8557	0.0009	0.7968	0.0525	0.0097	4			0
032.99	Potassium, Miscellaneous (%)	0242	0.7600	0.0200	0.7753	0.0121	0.0226	5			0
032.99	Potassium, Miscellaneous (%)	0100	0.7700	0.0200	0.7753	0.0121	0.0226	5			0
032.99	Potassium, Miscellaneous (%)	0001	0.7715	0.0230	0.7753	0.0121	0.0226	5			0
032.99	Potassium, Miscellaneous (%)	0123	0.7850	0.0100	0.7753	0.0121	0.0226	5			0
032.99	Potassium, Miscellaneous (%)	0590	0.7900	0.0400	0.7753	0.0121	0.0226	5			0
033.00	Salt as chloride, Sol Cl (%)	0366	0.4400	0.0800	1.077	0.0728	0.0339	17	-8.75	30%	0
033.00	Salt as chloride, Sol Cl (%)	2076	0.7500	0.0860	1.077	0.0728	0.0339	17	-4.49	15%	0
033.00	Salt as chloride, Sol Cl (%)	0675	0.9200	0.0200	1.077	0.0728	0.0339	17	-2.15	7%	0
033.00	Salt as chloride, Sol Cl (%)	0921	1.026	0.0265	1.077	0.0728	0.0339	17	-0.69	2%	0
033.00	Salt as chloride, Sol Cl (%)	0353	1.045	0.0500	1.077	0.0728	0.0339	17	-0.44	1%	0
033.00	Salt as chloride, Sol Cl (%)	2009	1.061	0.0177	1.077	0.0728	0.0339	17	-0.22	1%	0
033.00	Salt as chloride, Sol Cl (%)	0885	1.070	0.0458	1.077	0.0728	0.0339	17	-0.10	0%	0
033.00	Salt as chloride, Sol Cl (%)	0674	1.070	0.0000	1.077	0.0728	0.0339	17	-0.09	0%	0
033.00	Salt as chloride, Sol Cl (%)	0123	1.090	0.0200	1.077	0.0728	0.0339	17	0.18	1%	0
033.00	Salt as chloride, Sol Cl (%)	0309	1.094	0.0205	1.077	0.0728	0.0339	17	0.24	1%	0
033.00	Salt as chloride, Sol Cl (%)	2196	1.120	0.0000	1.077	0.0728	0.0339	17	0.59	2%	0
033.00	Salt as chloride, Sol Cl (%)	2337	1.120	0.0000	1.077	0.0728	0.0339	17	0.59	2%	0
033.00	Salt as chloride, Sol Cl (%)	0511	1.125	0.0900	1.077	0.0728	0.0339	17	0.66	2%	0
033.00	Salt as chloride, Sol Cl (%)	0884	1.125	0.0100	1.077	0.0728	0.0339	17	0.66	2%	0
033.00	Salt as chloride, Sol Cl (%)	0539	1.140	0.0600	1.077	0.0728	0.0339	17	0.87	3%	0
033.00	Salt as chloride, Sol Cl (%)	2022	1.145	0.0100	1.077	0.0728	0.0339	17	0.94	3%	0
033.00	Salt as chloride, Sol Cl (%)	0045	1.170	0.0400	1.077	0.0728	0.0339	17	1.28	4%	0
033.01	Salt as chloride, Poten Cl (%)	2023	0.6700	0.0000	1.120	0.0384	0.0097	28	-11.73	20%	0
033.01	Salt as chloride, Poten Cl (%)	0199	0.7079	0.0012	1.120	0.0384	0.0097	28	-10.74	18%	0
033.01	Salt as chloride, Poten Cl (%)	0619	1.015	0.0100	1.120	0.0384	0.0097	28	-2.74	5%	0
033.01	Salt as chloride, Poten Cl (%)	0148	1.060	0.0200	1.120	0.0384	0.0097	28	-1.57	3%	0
033.01	Salt as chloride, Poten Cl (%)	0229	1.080	0.0000	1.120	0.0384	0.0097	28	-1.05	2%	0
033.01	Salt as chloride, Poten Cl (%)	0510	1.080	0.0160	1.120	0.0384	0.0097	28	-1.05	2%	0
033.01	Salt as chloride, Poten Cl (%)	0004	1.095	0.0100	1.120	0.0384	0.0097	28	-0.66	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
033.01	Salt as chloride, Poten Cl (%)	2109	1.099	0.0160	1.120	0.0384	0.0097	28	-0.55	1%	0
033.01	Salt as chloride, Poten Cl (%)	0278	1.100	0.0200	1.120	0.0384	0.0097	28	-0.53	1%	0
033.01	Salt as chloride, Poten Cl (%)	0028	1.105	0.0300	1.120	0.0384	0.0097	28	-0.40	1%	0
033.01	Salt as chloride, Poten Cl (%)	2268	1.110	0.0400	1.120	0.0384	0.0097	28	-0.27	0%	0
033.01	Salt as chloride, Poten Cl (%)	0939	1.110	0.0200	1.120	0.0384	0.0097	28	-0.27	0%	0
033.01	Salt as chloride, Poten Cl (%)	0590	1.135	0.0100	1.120	0.0384	0.0097	28	0.39	1%	0
033.01	Salt as chloride, Poten Cl (%)	2190	1.139	0.0018	1.120	0.0384	0.0097	28	0.48	1%	0
033.01	Salt as chloride, Poten Cl (%)	0001	1.140	0.0000	1.120	0.0384	0.0097	28	0.52	1%	0
033.01	Salt as chloride, Poten Cl (%)	0083	1.140	0.0200	1.120	0.0384	0.0097	28	0.52	1%	0
033.01	Salt as chloride, Poten Cl (%)	0098	1.140	0.0000	1.120	0.0384	0.0097	28	0.52	1%	0
033.01	Salt as chloride, Poten Cl (%)	0164	1.140	0.0000	1.120	0.0384	0.0097	28	0.52	1%	0
033.01	Salt as chloride, Poten Cl (%)	0242	1.140	0.0000	1.120	0.0384	0.0097	28	0.52	1%	0
033.01	Salt as chloride, Poten Cl (%)	0354	1.140	0.0000	1.120	0.0384	0.0097	28	0.52	1%	0
033.01	Salt as chloride, Poten Cl (%)	0948	1.140	0.0000	1.120	0.0384	0.0097	28	0.52	1%	0
033.01	Salt as chloride, Poten Cl (%)	0019	1.145	0.0100	1.120	0.0384	0.0097	28	0.65	1%	0
033.01	Salt as chloride, Poten Cl (%)	0407	1.146	0.0000	1.120	0.0384	0.0097	28	0.67	1%	0
033.01	Salt as chloride, Poten Cl (%)	2319	1.149	0.0160	1.120	0.0384	0.0097	28	0.75	1%	0
033.01	Salt as chloride, Poten Cl (%)	0100	1.150	0.0200	1.120	0.0384	0.0097	28	0.78	1%	0
033.01	Salt as chloride, Poten Cl (%)	0226	1.150	0.0000	1.120	0.0384	0.0097	28	0.78	1%	0
033.01	Salt as chloride, Poten Cl (%)	2375	1.165	0.0100	1.120	0.0384	0.0097	28	1.17	2%	0
033.01	Salt as chloride, Poten Cl (%)	0682	1.190	0.0000	1.120	0.0384	0.0097	28	1.82	3%	0
033.03	Salt as chloride, Quantab (%)	0190	1.080	0.0000				3			0
033.03	Salt as chloride, Quantab (%)	0505	1.100	0.0000				3			0
033.03	Salt as chloride, Quantab (%)	0144	1.150	0.0000				3			0
033.03	Salt as chloride, Quantab (%)	0265	1.145	0.0100				3			1
033.03	Salt as chloride, Quantab (%)	0726	1.800	0.0000				3			2
033.05	Salt as chloride, Ion Sel Electrode (%)	0171	1.020	0.0200				2			0
033.05	Salt as chloride, Ion Sel Electrode (%)	0689	1.110	0.0200				2			0
033.99	Salt, Miscellaneous (%)	2246	0.7903	0.0309	1.053	0.1034	0.0252	9	-2.54	12%	0
033.99	Salt, Miscellaneous (%)	0358	0.9400	0.0400	1.053	0.1034	0.0252	9	-1.09	5%	0
033.99	Salt, Miscellaneous (%)	0017	0.9985	0.0356	1.053	0.1034	0.0252	9	-0.53	3%	0
033.99	Salt, Miscellaneous (%)	0300	1.025	0.0100	1.053	0.1034	0.0252	9	-0.27	1%	0
033.99	Salt, Miscellaneous (%)	0208	1.105	0.0300	1.053	0.1034	0.0252	9	0.50	2%	0
033.99	Salt, Miscellaneous (%)	0910	1.105	0.0100	1.053	0.1034	0.0252	9	0.50	2%	0
033.99	Salt, Miscellaneous (%)	2073	1.120	0.0200	1.053	0.1034	0.0252	9	0.65	3%	0
033.99	Salt, Miscellaneous (%)	0650	1.140	0.0400	1.053	0.1034	0.0252	9	0.84	4%	0
033.99	Salt, Miscellaneous (%)	2326	1.145	0.0100	1.053	0.1034	0.0252	9	0.89	4%	0
034.01	Selenium, Total (Se), Fluor (ppm)	0038	0.6740	0.0300				1			0
034.04	Selenium, Total (Se), AA, Hydride (ppm)	0045	0.4880	0.1320	0.5609	0.0632	0.0573	4			0
034.04	Selenium, Total (Se), AA, Hydride (ppm)	0563	0.5361	0.0181	0.5609	0.0632	0.0573	4			0
034.04	Selenium, Total (Se), AA, Hydride (ppm)	0512	0.5846	0.0689	0.5609	0.0632	0.0573	4			0
034.04	Selenium, Total (Se), AA, Hydride (ppm)	0169	0.6350	0.0100	0.5609	0.0632	0.0573	4			0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
034.41	Selenium, Total (Se), ICP, Dry ash (ppm)	0148	0.5405	0.0050				1			0
034.42	Selenium, Total (Se), ICP, Open vessel (ppm)	0692	0.0000	0.0000				0			4
034.43	Selenium, Total (Se), ICP, Microwave (ppm)	0066	0.4790	0.0220				3			0
034.43	Selenium, Total (Se), ICP, Microwave (ppm)	0964	0.6840	0.0880				3			0
034.43	Selenium, Total (Se), ICP, Microwave (ppm)	0505	222.3	18.80				3			0
034.43	Selenium, Total (Se), ICP, Microwave (ppm)	0682	< 5					3			5
034.51	Selenium, Total (Se), ICP-MS, Dry Ash (ppm)	0910	0.6300	0.0200				1			0
034.53	Selenium, Total (Se), ICP-MS, Microwave (ppm)	0009	0.4784	0.0161	0.6686	0.1728	0.0333	8	-1.10	14%	0
034.53	Selenium, Total (Se), ICP-MS, Microwave (ppm)	2033	0.5150	0.0100	0.6686	0.1728	0.0333	8	-0.89	11%	0
034.53	Selenium, Total (Se), ICP-MS, Microwave (ppm)	0199	0.5995	0.0030	0.6686	0.1728	0.0333	8	-0.40	5%	0
034.53	Selenium, Total (Se), ICP-MS, Microwave (ppm)	0164	0.6230	0.0220	0.6686	0.1728	0.0333	8	-0.26	3%	0
034.53	Selenium, Total (Se), ICP-MS, Microwave (ppm)	0610	0.6600	0.0000	0.6686	0.1728	0.0333	8	-0.05	1%	0
034.53	Selenium, Total (Se), ICP-MS, Microwave (ppm)	2023	0.7000	0.0000	0.6686	0.1728	0.0333	8	0.18	2%	0
034.53	Selenium, Total (Se), ICP-MS, Microwave (ppm)	0407	0.8787	0.1435	0.6686	0.1728	0.0333	8	1.22	16%	0
034.53	Selenium, Total (Se), ICP-MS, Microwave (ppm)	0918	0.8940	0.0720	0.6686	0.1728	0.0333	8	1.30	17%	0
034.99	Selenium, Total (Se), Miscellaneous (ppm)	0190	1.375	0.0100				1			0
035.01	Sodium, Ion-selective electrode (%)	2109	0.4110	0.0020				1			0
035.05	Sodium, Flame Emission (%)	0108	0.3700	0.0600				1			0
035.31	Sodium, AAS, Dry ash (%)	0622	0.3620	0.0039	0.3907	0.0310	0.0139	13	-0.93	4%	0
035.31	Sodium, AAS, Dry ash (%)	2246	0.3647	0.0021	0.3907	0.0310	0.0139	13	-0.84	3%	0
035.31	Sodium, AAS, Dry ash (%)	0921	0.3675	0.0211	0.3907	0.0310	0.0139	13	-0.75	3%	0
035.31	Sodium, AAS, Dry ash (%)	0563	0.3691	0.0004	0.3907	0.0310	0.0139	13	-0.70	3%	0
035.31	Sodium, AAS, Dry ash (%)	0038	0.3710	0.0860	0.3907	0.0310	0.0139	13	-0.63	3%	0
035.31	Sodium, AAS, Dry ash (%)	0939	0.3800	0.0000	0.3907	0.0310	0.0139	13	-0.34	1%	0
035.31	Sodium, AAS, Dry ash (%)	2196	0.3800	0.0000	0.3907	0.0310	0.0139	13	-0.34	1%	0
035.31	Sodium, AAS, Dry ash (%)	0142	0.3880	0.0219	0.3907	0.0310	0.0139	13	-0.09	0%	0
035.31	Sodium, AAS, Dry ash (%)	2188	0.3900	0.0000	0.3907	0.0310	0.0139	13	-0.02	0%	0
035.31	Sodium, AAS, Dry ash (%)	2360	0.4050	0.0300	0.3907	0.0310	0.0139	13	0.46	2%	0
035.31	Sodium, AAS, Dry ash (%)	2022	0.4300	0.0000	0.3907	0.0310	0.0139	13	1.27	5%	0
035.31	Sodium, AAS, Dry ash (%)	0948	0.4345	0.0150	0.3907	0.0310	0.0139	13	1.41	6%	0
035.31	Sodium, AAS, Dry ash (%)	0656	0.7300	0.0000	0.3907	0.0310	0.0139	13	10.95	43%	0
035.31	Sodium, AAS, Dry ash (%)	0529	162.2	323.7	0.3907	0.0310	0.0139	13	5219.59	20704%	2
035.32	Sodium, AAS, Open vessel (%)	0169	0.3350	0.0100				1			0
035.41	Sodium, ICP, Dry ash (%)	0910	0.3500	0.0000	0.3852	0.0190	0.0080	29	-1.85	5%	0
035.41	Sodium, ICP, Dry ash (%)	0066	0.3575	0.0170	0.3852	0.0190	0.0080	29	-1.46	4%	0
035.41	Sodium, ICP, Dry ash (%)	0144	0.3600	0.0000	0.3852	0.0190	0.0080	29	-1.33	3%	0
035.41	Sodium, ICP, Dry ash (%)	0619	0.3665	0.0030	0.3852	0.0190	0.0080	29	-0.99	2%	0
035.41	Sodium, ICP, Dry ash (%)	0358	0.3700	0.0200	0.3852	0.0190	0.0080	29	-0.80	2%	0
035.41	Sodium, ICP, Dry ash (%)	0674	0.3700	0.0000	0.3852	0.0190	0.0080	29	-0.80	2%	0
035.41	Sodium, ICP, Dry ash (%)	0520	0.3745	0.0130	0.3852	0.0190	0.0080	29	-0.57	1%	0
035.41	Sodium, ICP, Dry ash (%)	0098	0.3750	0.0100	0.3852	0.0190	0.0080	29	-0.54	1%	0
035.41	Sodium, ICP, Dry ash (%)	1023	0.3750	0.0100	0.3852	0.0190	0.0080	29	-0.54	1%	0

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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
035.41	Sodium, ICP, Dry ash (%)	0004	0.3800	0.0200	0.3852	0.0190	0.0080	29	-0.28	1%	0
035.41	Sodium, ICP, Dry ash (%)	0171	0.3800	0.0000	0.3852	0.0190	0.0080	29	-0.28	1%	0
035.41	Sodium, ICP, Dry ash (%)	0229	0.3800	0.0000	0.3852	0.0190	0.0080	29	-0.28	1%	0
035.41	Sodium, ICP, Dry ash (%)	2419	0.3800	0.0000	0.3852	0.0190	0.0080	29	-0.28	1%	0
035.41	Sodium, ICP, Dry ash (%)	0407	0.3809	0.0027	0.3852	0.0190	0.0080	29	-0.23	1%	0
035.41	Sodium, ICP, Dry ash (%)	0148	0.3810	0.0100	0.3852	0.0190	0.0080	29	-0.22	1%	0
035.41	Sodium, ICP, Dry ash (%)	2418	0.3835	0.0130	0.3852	0.0190	0.0080	29	-0.09	0%	0
035.41	Sodium, ICP, Dry ash (%)	2416	0.3850	0.0080	0.3852	0.0190	0.0080	29	-0.01	0%	0
035.41	Sodium, ICP, Dry ash (%)	2421	0.3850	0.0040	0.3852	0.0190	0.0080	29	-0.01	0%	0
035.41	Sodium, ICP, Dry ash (%)	0164	0.3880	0.0000	0.3852	0.0190	0.0080	29	0.14	0%	0
035.41	Sodium, ICP, Dry ash (%)	2420	0.3900	0.0000	0.3852	0.0190	0.0080	29	0.25	1%	0
035.41	Sodium, ICP, Dry ash (%)	0019	0.3950	0.0100	0.3852	0.0190	0.0080	29	0.51	1%	0
035.41	Sodium, ICP, Dry ash (%)	2114	0.3976	0.0079	0.3852	0.0190	0.0080	29	0.65	2%	0
035.41	Sodium, ICP, Dry ash (%)	2422	0.4000	0.0200	0.3852	0.0190	0.0080	29	0.78	2%	0
035.41	Sodium, ICP, Dry ash (%)	2424	0.4000	0.0000	0.3852	0.0190	0.0080	29	0.78	2%	0
035.41	Sodium, ICP, Dry ash (%)	0226	0.4100	0.0200	0.3852	0.0190	0.0080	29	1.30	3%	0
035.41	Sodium, ICP, Dry ash (%)	0065	0.4115	0.0010	0.3852	0.0190	0.0080	29	1.38	3%	0
035.41	Sodium, ICP, Dry ash (%)	2417	0.4120	0.0120	0.3852	0.0190	0.0080	29	1.41	3%	0
035.41	Sodium, ICP, Dry ash (%)	2426	0.4150	0.0300	0.3852	0.0190	0.0080	29	1.57	4%	0
035.41	Sodium, ICP, Dry ash (%)	0354	0.4285	0.0010	0.3852	0.0190	0.0080	29	2.28	6%	0
035.41	Sodium, ICP, Dry ash (%)	0049	0.4300	0.0600	0.3852	0.0190	0.0080	29	2.35	6%	1
035.42	Sodium, ICP, Open vessel (%)	0366	0.3120	0.0260	0.3789	0.0338	0.0126	18	-1.98	9%	0
035.42	Sodium, ICP, Open vessel (%)	0265	0.3250	0.0300	0.3789	0.0338	0.0126	18	-1.60	7%	0
035.42	Sodium, ICP, Open vessel (%)	2319	0.3510	0.0240	0.3789	0.0338	0.0126	18	-0.83	4%	0
035.42	Sodium, ICP, Open vessel (%)	2129	0.3535	0.0033	0.3789	0.0338	0.0126	18	-0.75	3%	0
035.42	Sodium, ICP, Open vessel (%)	0045	0.3615	0.0250	0.3789	0.0338	0.0126	18	-0.52	2%	0
035.42	Sodium, ICP, Open vessel (%)	0042	0.3635	0.0050	0.3789	0.0338	0.0126	18	-0.46	2%	0
035.42	Sodium, ICP, Open vessel (%)	0294	0.3650	0.0100	0.3789	0.0338	0.0126	18	-0.41	2%	0
035.42	Sodium, ICP, Open vessel (%)	0692	0.3650	0.0300	0.3789	0.0338	0.0126	18	-0.41	2%	0
035.42	Sodium, ICP, Open vessel (%)	0870	0.3720	0.0095	0.3789	0.0338	0.0126	18	-0.21	1%	0
035.42	Sodium, ICP, Open vessel (%)	0037	0.3785	0.0090	0.3789	0.0338	0.0126	18	-0.01	0%	0
035.42	Sodium, ICP, Open vessel (%)	0263	0.3800	0.0040	0.3789	0.0338	0.0126	18	0.03	0%	0
035.42	Sodium, ICP, Open vessel (%)	0726	0.4000	0.0000	0.3789	0.0338	0.0126	18	0.62	3%	0
035.42	Sodium, ICP, Open vessel (%)	0278	0.4050	0.0300	0.3789	0.0338	0.0126	18	0.77	3%	0
035.42	Sodium, ICP, Open vessel (%)	0035	0.4100	0.0000	0.3789	0.0338	0.0126	18	0.92	4%	0
035.42	Sodium, ICP, Open vessel (%)	0190	0.4100	0.0000	0.3789	0.0338	0.0126	18	0.92	4%	0
035.42	Sodium, ICP, Open vessel (%)	2375	0.4100	0.0000	0.3789	0.0338	0.0126	18	0.92	4%	0
035.42	Sodium, ICP, Open vessel (%)	0504	0.4100	0.0200	0.3789	0.0338	0.0126	18	0.92	4%	0
035.42	Sodium, ICP, Open vessel (%)	0357	0.4532	0.0001	0.3789	0.0338	0.0126	18	2.20	10%	0
035.43	Sodium, ICP, Microwave (%)	0226	0.3400	0.0000	0.3911	0.0185	0.0127	32	-2.75	7%	0
035.43	Sodium, ICP, Microwave (%)	0345	0.3485	0.0050	0.3911	0.0185	0.0127	32	-2.30	5%	0
035.43	Sodium, ICP, Microwave (%)	0511	0.3550	0.0100	0.3911	0.0185	0.0127	32	-1.95	5%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
035.43	Sodium, ICP, Microwave (%)	0968	0.3695	0.0010	0.3911	0.0185	0.0127	32	-1.16	3%	0
035.43	Sodium, ICP, Microwave (%)	0098	0.3700	0.0000	0.3911	0.0185	0.0127	32	-1.14	3%	0
035.43	Sodium, ICP, Microwave (%)	2023	0.3735	0.0110	0.3911	0.0185	0.0127	32	-0.95	2%	0
035.43	Sodium, ICP, Microwave (%)	0610	0.3750	0.0100	0.3911	0.0185	0.0127	32	-0.87	2%	0
035.43	Sodium, ICP, Microwave (%)	2124	0.3800	0.0400	0.3911	0.0185	0.0127	32	-0.60	1%	0
035.43	Sodium, ICP, Microwave (%)	0870	0.3816	0.0130	0.3911	0.0185	0.0127	32	-0.51	1%	0
035.43	Sodium, ICP, Microwave (%)	0083	0.3830	0.0120	0.3911	0.0185	0.0127	32	-0.44	1%	0
035.43	Sodium, ICP, Microwave (%)	0876	0.3842	0.0184	0.3911	0.0185	0.0127	32	-0.37	1%	0
035.43	Sodium, ICP, Microwave (%)	0918	0.3860	0.0000	0.3911	0.0185	0.0127	32	-0.27	1%	0
035.43	Sodium, ICP, Microwave (%)	0006	0.3900	0.0140	0.3911	0.0185	0.0127	32	-0.06	0%	0
035.43	Sodium, ICP, Microwave (%)	0353	0.3900	0.0400	0.3911	0.0185	0.0127	32	-0.06	0%	0
035.43	Sodium, ICP, Microwave (%)	0682	0.3900	0.0000	0.3911	0.0185	0.0127	32	-0.06	0%	0
035.43	Sodium, ICP, Microwave (%)	2033	0.3905	0.0150	0.3911	0.0185	0.0127	32	-0.03	0%	0
035.43	Sodium, ICP, Microwave (%)	0017	0.3928	0.0140	0.3911	0.0185	0.0127	32	0.09	0%	0
035.43	Sodium, ICP, Microwave (%)	2187	0.3940	0.0050	0.3911	0.0185	0.0127	32	0.16	0%	0
035.43	Sodium, ICP, Microwave (%)	0202	0.3950	0.0100	0.3911	0.0185	0.0127	32	0.21	1%	0
035.43	Sodium, ICP, Microwave (%)	0297	0.3950	0.0100	0.3911	0.0185	0.0127	32	0.21	1%	0
035.43	Sodium, ICP, Microwave (%)	0675	0.3950	0.0100	0.3911	0.0185	0.0127	32	0.21	1%	0
035.43	Sodium, ICP, Microwave (%)	0512	0.3951	0.0605	0.3911	0.0185	0.0127	32	0.21	1%	0
035.43	Sodium, ICP, Microwave (%)	0051	0.3967	0.0061	0.3911	0.0185	0.0127	32	0.30	1%	0
035.43	Sodium, ICP, Microwave (%)	2089	0.4000	0.0000	0.3911	0.0185	0.0127	32	0.48	1%	0
035.43	Sodium, ICP, Microwave (%)	0300	0.4030	0.0040	0.3911	0.0185	0.0127	32	0.64	2%	0
035.43	Sodium, ICP, Microwave (%)	0035	0.4050	0.0100	0.3911	0.0185	0.0127	32	0.75	2%	0
035.43	Sodium, ICP, Microwave (%)	0510	0.4055	0.0090	0.3911	0.0185	0.0127	32	0.78	2%	0
035.43	Sodium, ICP, Microwave (%)	0964	0.4088	0.0398	0.3911	0.0185	0.0127	32	0.96	2%	0
035.43	Sodium, ICP, Microwave (%)	0089	0.4200	0.0000	0.3911	0.0185	0.0127	32	1.56	4%	0
035.43	Sodium, ICP, Microwave (%)	0407	0.4202	0.0083	0.3911	0.0185	0.0127	32	1.57	4%	0
035.43	Sodium, ICP, Microwave (%)	0626	0.4280	0.0000	0.3911	0.0185	0.0127	32	1.99	5%	0
035.43	Sodium, ICP, Microwave (%)	2326	0.4350	0.0300	0.3911	0.0185	0.0127	32	2.37	6%	0
035.43	Sodium, ICP, Microwave (%)	0038	0.3825	0.0870	0.3911	0.0185	0.0127	32	-0.46	1%	1
035.53	Sodium, ICP-MS, Microwave (%)	0939	0.3600	0.0200	0.3789	0.0288	0.0094	4			0
035.53	Sodium, ICP-MS, Microwave (%)	0199	0.3610	0.0040	0.3789	0.0288	0.0094	4			0
035.53	Sodium, ICP-MS, Microwave (%)	2409	0.3735	0.0030	0.3789	0.0288	0.0094	4			0
035.53	Sodium, ICP-MS, Microwave (%)	0407	0.4210	0.0104	0.3789	0.0288	0.0094	4			0
035.99	Sodium, Miscellaneous (%)	0242	0.3400	0.0400	0.3788	0.0263	0.0275	4			0
035.99	Sodium, Miscellaneous (%)	0100	0.3850	0.0300	0.3788	0.0263	0.0275	4			0
035.99	Sodium, Miscellaneous (%)	0123	0.3950	0.0100	0.3788	0.0263	0.0275	4			0
035.99	Sodium, Miscellaneous (%)	0590	0.3950	0.0300	0.3788	0.0263	0.0275	4			0
036.00	Sulfur, Gravimetric (%)	0038	0.5195	0.0270				1			0
036.04	Sulfur, LECO (%)	0229	0.4250	0.0100	0.4825	0.0449	0.0118	5			0
036.04	Sulfur, LECO (%)	0001	0.4510	0.0300	0.4825	0.0449	0.0118	5			0
036.04	Sulfur, LECO (%)	0148	0.4875	0.0050	0.4825	0.0449	0.0118	5			0



Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
036.04	Sulfur, LECO (%)	0226	0.5150	0.0100	0.4825	0.0449	0.0118	5			0
036.04	Sulfur, LECO (%)	0948	0.5342	0.0042	0.4825	0.0449	0.0118	5			0
036.42	Sulfur, ICP, Open vessel (%)	0366	0.3900	0.0200	0.4414	0.0321	0.0078	19	-1.60	6%	0
036.42	Sulfur, ICP, Open vessel (%)	0910	0.3950	0.0100	0.4414	0.0321	0.0078	19	-1.44	5%	0
036.42	Sulfur, ICP, Open vessel (%)	0294	0.4050	0.0100	0.4414	0.0321	0.0078	19	-1.13	4%	0
036.42	Sulfur, ICP, Open vessel (%)	0265	0.4100	0.0200	0.4414	0.0321	0.0078	19	-0.98	4%	0
036.42	Sulfur, ICP, Open vessel (%)	0870	0.4199	0.0085	0.4414	0.0321	0.0078	19	-0.67	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0035	0.4200	0.0000	0.4414	0.0321	0.0078	19	-0.67	2%	0
036.42	Sulfur, ICP, Open vessel (%)	2129	0.4280	0.0114	0.4414	0.0321	0.0078	19	-0.42	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0042	0.4370	0.0020	0.4414	0.0321	0.0078	19	-0.14	0%	0
036.42	Sulfur, ICP, Open vessel (%)	0407	0.4370	0.0160	0.4414	0.0321	0.0078	19	-0.14	0%	0
036.42	Sulfur, ICP, Open vessel (%)	0045	0.4435	0.0030	0.4414	0.0321	0.0078	19	0.07	0%	0
036.42	Sulfur, ICP, Open vessel (%)	0171	0.4550	0.0100	0.4414	0.0321	0.0078	19	0.42	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0357	0.4573	0.0043	0.4414	0.0321	0.0078	19	0.49	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0708	0.4580	0.0000	0.4414	0.0321	0.0078	19	0.52	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0726	0.4600	0.0000	0.4414	0.0321	0.0078	19	0.58	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0164	0.4650	0.0100	0.4414	0.0321	0.0078	19	0.73	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0190	0.4650	0.0100	0.4414	0.0321	0.0078	19	0.73	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0037	0.4725	0.0030	0.4414	0.0321	0.0078	19	0.97	4%	0
036.42	Sulfur, ICP, Open vessel (%)	2375	0.4800	0.0000	0.4414	0.0321	0.0078	19	1.20	4%	0
036.42	Sulfur, ICP, Open vessel (%)	0278	0.4850	0.0100	0.4414	0.0321	0.0078	19	1.36	5%	0
036.42	Sulfur, ICP, Open vessel (%)	0692	0.4100	0.1000	0.4414	0.0321	0.0078	19	-0.98	4%	1
036.43	Sulfur, ICP, Microwave (%)	0297	0.4350	0.0100	0.4710	0.0280	0.0147	21	-1.29	4%	0
036.43	Sulfur, ICP, Microwave (%)	0407	0.4418	0.0149	0.4710	0.0280	0.0147	21	-1.05	3%	0
036.43	Sulfur, ICP, Microwave (%)	2033	0.4450	0.0100	0.4710	0.0280	0.0147	21	-0.93	3%	0
036.43	Sulfur, ICP, Microwave (%)	0345	0.4465	0.0010	0.4710	0.0280	0.0147	21	-0.88	3%	0
036.43	Sulfur, ICP, Microwave (%)	0918	0.4465	0.0090	0.4710	0.0280	0.0147	21	-0.88	3%	0
036.43	Sulfur, ICP, Microwave (%)	0964	0.4507	0.0388	0.4710	0.0280	0.0147	21	-0.73	2%	0
036.43	Sulfur, ICP, Microwave (%)	0870	0.4555	0.0305	0.4710	0.0280	0.0147	21	-0.56	2%	0
036.43	Sulfur, ICP, Microwave (%)	0353	0.4600	0.0400	0.4710	0.0280	0.0147	21	-0.39	1%	0
036.43	Sulfur, ICP, Microwave (%)	0098	0.4631	0.0267	0.4710	0.0280	0.0147	21	-0.29	1%	0
036.43	Sulfur, ICP, Microwave (%)	0038	0.4660	0.0140	0.4710	0.0280	0.0147	21	-0.18	1%	0
036.43	Sulfur, ICP, Microwave (%)	0083	0.4695	0.0050	0.4710	0.0280	0.0147	21	-0.05	0%	0
036.43	Sulfur, ICP, Microwave (%)	2089	0.4700	0.0000	0.4710	0.0280	0.0147	21	-0.04	0%	0
036.43	Sulfur, ICP, Microwave (%)	0035	0.4750	0.0100	0.4710	0.0280	0.0147	21	0.14	0%	0
036.43	Sulfur, ICP, Microwave (%)	0202	0.4750	0.0100	0.4710	0.0280	0.0147	21	0.14	0%	0
036.43	Sulfur, ICP, Microwave (%)	0510	0.4750	0.0100	0.4710	0.0280	0.0147	21	0.14	0%	0
036.43	Sulfur, ICP, Microwave (%)	0876	0.4782	0.0063	0.4710	0.0280	0.0147	21	0.25	1%	0
036.43	Sulfur, ICP, Microwave (%)	2326	0.4900	0.0400	0.4710	0.0280	0.0147	21	0.68	2%	0
036.43	Sulfur, ICP, Microwave (%)	0682	0.5100	0.0000	0.4710	0.0280	0.0147	21	1.39	4%	0
036.43	Sulfur, ICP, Microwave (%)	0066	0.5225	0.0130	0.4710	0.0280	0.0147	21	1.84	5%	0
036.43	Sulfur, ICP, Microwave (%)	0169	0.5350	0.0100	0.4710	0.0280	0.0147	21	2.29	7%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
036.43	Sulfur, ICP, Microwave (%)	0011	0.5550	0.0100	0.4710	0.0280	0.0147	21	3.00	9%	0
036.53	Sulfur, ICP-MS, Microwave (%)	2409	0.4310	0.0140				1			0
036.99	Sulfur, Miscellaneous (%)	0242	0.4150	0.0100				2			0
036.99	Sulfur, Miscellaneous (%)	0123	0.4500	0.0200				2			0
037.31	Zinc, AAS, Dry ash (ppm)	2246	56.01	0.8336	213.1	34.26	7.154	10	-4.58	37%	0
037.31	Zinc, AAS, Dry ash (ppm)	0563	143.5	2.094	213.1	34.26	7.154	10	-2.03	16%	0
037.31	Zinc, AAS, Dry ash (ppm)	0529	202.9	2.200	213.1	34.26	7.154	10	-0.30	2%	0
037.31	Zinc, AAS, Dry ash (ppm)	0001	216.0	9.500	213.1	34.26	7.154	10	0.08	1%	0
037.31	Zinc, AAS, Dry ash (ppm)	0939	217.9	20.64	213.1	34.26	7.154	10	0.14	1%	0
037.31	Zinc, AAS, Dry ash (ppm)	0689	223.1	10.80	213.1	34.26	7.154	10	0.29	2%	0
037.31	Zinc, AAS, Dry ash (ppm)	2196	224.1	0.0000	213.1	34.26	7.154	10	0.32	3%	0
037.31	Zinc, AAS, Dry ash (ppm)	2360	229.4	3.030	213.1	34.26	7.154	10	0.48	4%	0
037.31	Zinc, AAS, Dry ash (ppm)	0651	245.6	17.96	213.1	34.26	7.154	10	0.95	8%	0
037.31	Zinc, AAS, Dry ash (ppm)	0622	248.5	4.487	213.1	34.26	7.154	10	1.03	8%	0
037.32	Zinc, AAS, Open vessel (ppm)	0038	229.0	2.000				1			0
037.33	Zinc, AAS, Microwave (ppm)	0010	214.7	5.500				2			0
037.33	Zinc, AAS, Microwave (ppm)	0948	214.9	0.8900				2			0
037.34	Zinc, AAS, Dry ash (ppm)	2188	208.7	3.730				1			0
037.41	Zinc, ICP, Dry ash (ppm)	0520	180.3	7.846	212.0	14.94	5.901	15	-2.12	7%	0
037.41	Zinc, ICP, Dry ash (ppm)	0358	194.3	4.640	212.0	14.94	5.901	15	-1.18	4%	0
037.41	Zinc, ICP, Dry ash (ppm)	0848	195.4	3.939	212.0	14.94	5.901	15	-1.11	4%	0
037.41	Zinc, ICP, Dry ash (ppm)	0354	199.6	0.3800	212.0	14.94	5.901	15	-0.83	3%	0
037.41	Zinc, ICP, Dry ash (ppm)	0049	207.3	19.37	212.0	14.94	5.901	15	-0.32	1%	0
037.41	Zinc, ICP, Dry ash (ppm)	0098	211.3	1.900	212.0	14.94	5.901	15	-0.05	0%	0
037.41	Zinc, ICP, Dry ash (ppm)	0229	211.7	13.00	212.0	14.94	5.901	15	-0.02	0%	0
037.41	Zinc, ICP, Dry ash (ppm)	0019	212.7	8.200	212.0	14.94	5.901	15	0.05	0%	0
037.41	Zinc, ICP, Dry ash (ppm)	0619	215.9	10.34	212.0	14.94	5.901	15	0.26	1%	0
037.41	Zinc, ICP, Dry ash (ppm)	0910	216.5	1.000	212.0	14.94	5.901	15	0.30	1%	0
037.41	Zinc, ICP, Dry ash (ppm)	0407	217.7	4.983	212.0	14.94	5.901	15	0.38	1%	0
037.41	Zinc, ICP, Dry ash (ppm)	0674	218.1	0.0000	212.0	14.94	5.901	15	0.41	1%	0
037.41	Zinc, ICP, Dry ash (ppm)	0171	222.6	3.200	212.0	14.94	5.901	15	0.71	2%	0
037.41	Zinc, ICP, Dry ash (ppm)	0148	233.0	8.084	212.0	14.94	5.901	15	1.41	5%	0
037.41	Zinc, ICP, Dry ash (ppm)	0226	236.5	1.640	212.0	14.94	5.901	15	1.64	6%	0
037.41	Zinc, ICP, Dry ash (ppm)	0004	227.2	35.22	212.0	14.94	5.901	15	1.02	4%	1
037.42	Zinc, ICP, Open vessel (ppm)	0870	174.7	3.600	218.6	20.62	5.561	19	-2.13	10%	0
037.42	Zinc, ICP, Open vessel (ppm)	0366	193.5	3.000	218.6	20.62	5.561	19	-1.22	6%	0
037.42	Zinc, ICP, Open vessel (ppm)	0265	199.0	0.0000	218.6	20.62	5.561	19	-0.95	4%	0
037.42	Zinc, ICP, Open vessel (ppm)	0045	200.0	8.000	218.6	20.62	5.561	19	-0.90	4%	0
037.42	Zinc, ICP, Open vessel (ppm)	0294	201.0	1.080	218.6	20.62	5.561	19	-0.85	4%	0
037.42	Zinc, ICP, Open vessel (ppm)	2129	201.3	2.400	218.6	20.62	5.561	19	-0.84	4%	0
037.42	Zinc, ICP, Open vessel (ppm)	2319	209.5	1.000	218.6	20.62	5.561	19	-0.44	2%	0
037.42	Zinc, ICP, Open vessel (ppm)	0263	211.2	1.093	218.6	20.62	5.561	19	-0.36	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
037.42	Zinc, ICP, Open vessel (ppm)	0278	215.9	2.200	218.6	20.62	5.561	19	-0.13	1%	0
037.42	Zinc, ICP, Open vessel (ppm)	0504	219.5	15.00	218.6	20.62	5.561	19	0.05	0%	0
037.42	Zinc, ICP, Open vessel (ppm)	0357	225.1	1.286	218.6	20.62	5.561	19	0.32	1%	0
037.42	Zinc, ICP, Open vessel (ppm)	0190	227.9	1.500	218.6	20.62	5.561	19	0.45	2%	0
037.42	Zinc, ICP, Open vessel (ppm)	0692	228.5	25.00	218.6	20.62	5.561	19	0.48	2%	0
037.42	Zinc, ICP, Open vessel (ppm)	0035	230.0	2.000	218.6	20.62	5.561	19	0.55	3%	0
037.42	Zinc, ICP, Open vessel (ppm)	0726	235.2	1.600	218.6	20.62	5.561	19	0.81	4%	0
037.42	Zinc, ICP, Open vessel (ppm)	0042	236.5	13.00	218.6	20.62	5.561	19	0.87	4%	0
037.42	Zinc, ICP, Open vessel (ppm)	0009	240.0	4.000	218.6	20.62	5.561	19	1.04	5%	0
037.42	Zinc, ICP, Open vessel (ppm)	2375	242.5	17.00	218.6	20.62	5.561	19	1.16	5%	0
037.42	Zinc, ICP, Open vessel (ppm)	0037	248.6	2.900	218.6	20.62	5.561	19	1.45	7%	0
037.43	Zinc, ICP, Microwave (ppm)	0226	184.3	0.8700	218.2	14.02	7.582	34	-2.42	8%	0
037.43	Zinc, ICP, Microwave (ppm)	0511	186.5	13.00	218.2	14.02	7.582	34	-2.26	7%	0
037.43	Zinc, ICP, Microwave (ppm)	2326	187.0	34.00	218.2	14.02	7.582	34	-2.22	7%	0
037.43	Zinc, ICP, Microwave (ppm)	0870	187.9	6.000	218.2	14.02	7.582	34	-2.16	7%	0
037.43	Zinc, ICP, Microwave (ppm)	0675	202.9	1.110	218.2	14.02	7.582	34	-1.09	3%	0
037.43	Zinc, ICP, Microwave (ppm)	0051	204.8	2.210	218.2	14.02	7.582	34	-0.96	3%	0
037.43	Zinc, ICP, Microwave (ppm)	0512	205.5	0.8000	218.2	14.02	7.582	34	-0.90	3%	0
037.43	Zinc, ICP, Microwave (ppm)	0510	206.5	13.00	218.2	14.02	7.582	34	-0.83	3%	0
037.43	Zinc, ICP, Microwave (ppm)	0345	209.3	4.500	218.2	14.02	7.582	34	-0.64	2%	0
037.43	Zinc, ICP, Microwave (ppm)	0918	209.9	32.95	218.2	14.02	7.582	34	-0.59	2%	0
037.43	Zinc, ICP, Microwave (ppm)	0297	210.0	12.00	218.2	14.02	7.582	34	-0.58	2%	0
037.43	Zinc, ICP, Microwave (ppm)	0968	212.0	1.481	218.2	14.02	7.582	34	-0.44	1%	0
037.43	Zinc, ICP, Microwave (ppm)	0964	215.0	30.00	218.2	14.02	7.582	34	-0.23	1%	0
037.43	Zinc, ICP, Microwave (ppm)	0610	216.5	0.0000	218.2	14.02	7.582	34	-0.12	0%	0
037.43	Zinc, ICP, Microwave (ppm)	2033	219.4	1.100	218.2	14.02	7.582	34	0.08	0%	0
037.43	Zinc, ICP, Microwave (ppm)	0083	219.5	1.540	218.2	14.02	7.582	34	0.09	0%	0
037.43	Zinc, ICP, Microwave (ppm)	0027	219.6	0.1090	218.2	14.02	7.582	34	0.10	0%	0
037.43	Zinc, ICP, Microwave (ppm)	0848	220.3	3.118	218.2	14.02	7.582	34	0.15	0%	0
037.43	Zinc, ICP, Microwave (ppm)	2124	222.2	8.550	218.2	14.02	7.582	34	0.28	1%	0
037.43	Zinc, ICP, Microwave (ppm)	2089	222.2	0.9600	218.2	14.02	7.582	34	0.29	1%	0
037.43	Zinc, ICP, Microwave (ppm)	0169	223.5	5.000	218.2	14.02	7.582	34	0.38	1%	0
037.43	Zinc, ICP, Microwave (ppm)	0202	223.5	1.000	218.2	14.02	7.582	34	0.38	1%	0
037.43	Zinc, ICP, Microwave (ppm)	2187	223.9	4.900	218.2	14.02	7.582	34	0.41	1%	0
037.43	Zinc, ICP, Microwave (ppm)	0017	224.1	1.557	218.2	14.02	7.582	34	0.43	1%	0
037.43	Zinc, ICP, Microwave (ppm)	0626	225.5	1.580	218.2	14.02	7.582	34	0.52	2%	0
037.43	Zinc, ICP, Microwave (ppm)	2192	225.5	9.000	218.2	14.02	7.582	34	0.52	2%	0
037.43	Zinc, ICP, Microwave (ppm)	0098	228.3	15.80	218.2	14.02	7.582	34	0.72	2%	0
037.43	Zinc, ICP, Microwave (ppm)	0407	229.1	20.66	218.2	14.02	7.582	34	0.78	3%	0
037.43	Zinc, ICP, Microwave (ppm)	0876	229.5	3.000	218.2	14.02	7.582	34	0.81	3%	0
037.43	Zinc, ICP, Microwave (ppm)	0035	230.0	2.000	218.2	14.02	7.582	34	0.84	3%	0
037.43	Zinc, ICP, Microwave (ppm)	0682	234.2	0.0000	218.2	14.02	7.582	34	1.15	4%	0

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037.43	Zinc, ICP, Microwave (ppm)	2023	238.0	2.000	218.2	14.02	7.582	34	1.42	5%	0
037.43	Zinc, ICP, Microwave (ppm)	0038	249.5	7.000	218.2	14.02	7.582	34	2.24	7%	0
037.43	Zinc, ICP, Microwave (ppm)	0353	252.5	17.00	218.2	14.02	7.582	34	2.45	8%	0
037.44	Zinc, ICP, Dry ash (ppm)	0066	165.8	5.500				3			0
037.44	Zinc, ICP, Dry ash (ppm)	2114	204.0	3.530				3			0
037.44	Zinc, ICP, Dry ash (ppm)	0164	223.5	7.000				3			0
037.53	Zinc, ICP-MS, Microwave (ppm)	0199	186.3	0.6400	203.2	21.82	7.054	4			0
037.53	Zinc, ICP-MS, Microwave (ppm)	2409	191.8	10.38	203.2	21.82	7.054	4			0
037.53	Zinc, ICP-MS, Microwave (ppm)	0939	200.0	10.00	203.2	21.82	7.054	4			0
037.53	Zinc, ICP-MS, Microwave (ppm)	0407	234.8	7.194	203.2	21.82	7.054	4			0
037.99	Zinc, Miscellaneous (ppm)	0590	192.2	0.2000	215.7	22.96	9.300	4			0
037.99	Zinc, Miscellaneous (ppm)	0242	204.0	4.000	215.7	22.96	9.300	4			0
037.99	Zinc, Miscellaneous (ppm)	0123	221.5	15.00	215.7	22.96	9.300	4			0
037.99	Zinc, Miscellaneous (ppm)	0100	245.0	18.00	215.7	22.96	9.300	4			0
038.41	Molybdenum, ICP, Dry ash (ppm)	0171	0.5500	0.0200	0.6416	0.0835	0.0254	5			0
038.41	Molybdenum, ICP, Dry ash (ppm)	0407	0.5827	0.0416	0.6416	0.0835	0.0254	5			0
038.41	Molybdenum, ICP, Dry ash (ppm)	0910	0.6250	0.0100	0.6416	0.0835	0.0254	5			0
038.41	Molybdenum, ICP, Dry ash (ppm)	0226	0.6950	0.0300	0.6416	0.0835	0.0254	5			0
038.41	Molybdenum, ICP, Dry ash (ppm)	0148	0.7551	0.0253	0.6416	0.0835	0.0254	5			0
038.42	Molybdenum, ICP, Open vessel (ppm)	0366	0.7500	0.1000				3			0
038.42	Molybdenum, ICP, Open vessel (ppm)	0045	0.7650	0.0300				3			0
038.42	Molybdenum, ICP, Open vessel (ppm)	0278	1.015	0.1100				3			0
038.42	Molybdenum, ICP, Open vessel (ppm)	0265	1.790	0.8400				3			1
038.43	Molybdenum, ICP, Microwave (ppm)	0038	0.2965	0.0310	0.6160	0.2322	0.0428	8	-1.38	26%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0169	0.4700	0.0400	0.6160	0.2322	0.0428	8	-0.63	12%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0297	0.5000	0.0000	0.6160	0.2322	0.0428	8	-0.50	9%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0345	0.5675	0.0050	0.6160	0.2322	0.0428	8	-0.21	4%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0407	0.6446	0.0260	0.6160	0.2322	0.0428	8	0.12	2%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0083	0.7350	0.0500	0.6160	0.2322	0.0428	8	0.51	10%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0510	0.7500	0.1000	0.6160	0.2322	0.0428	8	0.58	11%	0
038.43	Molybdenum, ICP, Microwave (ppm)	2033	1.065	0.0900	0.6160	0.2322	0.0428	8	1.93	36%	0
038.53	Molybdenum, ICP-MS, Microwave (ppm)	0407	0.5696	0.0808				3			0
038.53	Molybdenum, ICP-MS, Microwave (ppm)	2023	0.6100	0.0200				3			0
038.53	Molybdenum, ICP-MS, Microwave (ppm)	0164	0.6590	0.0180				3			0
040.53	Barium, ICP-MS, Microwave (ppm)	0407	6.011	0.1291				1			0
041.53	Vanadium, ICP-MS, Microwave (ppm)	0407	0.5634	0.0223				1			0
042.00	Chloride, Titrimetric (%)	0619	0.6175	0.0070	0.7225	0.0889	0.0096	7	-1.18	7%	0
042.00	Chloride, Titrimetric (%)	0948	0.6900	0.0000	0.7225	0.0889	0.0096	7	-0.37	2%	0
042.00	Chloride, Titrimetric (%)	2326	0.6950	0.0100	0.7225	0.0889	0.0096	7	-0.31	2%	0
042.00	Chloride, Titrimetric (%)	0226	0.7000	0.0000	0.7225	0.0889	0.0096	7	-0.25	2%	0
042.00	Chloride, Titrimetric (%)	0610	0.7000	0.0000	0.7225	0.0889	0.0096	7	-0.25	2%	0
042.00	Chloride, Titrimetric (%)	2199	0.8050	0.0300	0.7225	0.0889	0.0096	7	0.93	6%	0

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042.00	Chloride, Titrimetric (%)	2200	0.8500	0.0200	0.7225	0.0889	0.0096	7	1.43	9%	0
042.99	Chloride, Miscellaneous (%)	0941	0.6948	0.0075				3			0
042.99	Chloride, Miscellaneous (%)	0297	0.7450	0.0100				3			0
042.99	Chloride, Miscellaneous (%)	0066	1.205	0.0300				3			0
101.01	Choline Chloride, Chem (ppm)	0051	3,267	3.000				1			0
101.99	Choline Chloride, Miscellaneous (ppm)	0227	3,470	20.00				1			0
102.01	Niacin, Microbiological (ppm)	0227	162.5	1.000				1			0
102.02	Niacin, LC (ppm)	2319	136.0	2.000				1			0
102.99	Niacin, Miscellaneous (ppm)	2124	1.910	0.0400				1			0
103.01	Pantothenic Acid, Microbiological (ppm)	0227	21.90	1.200				1			0
103.99	Pantothenic Acid, Miscellaneous (ppm)	2124	0.2100	0.0400				1			0
104.03	Riboflavin, LC (ppm)	0227	12.15	0.3000				3			0
104.03	Riboflavin, LC (ppm)	2319	12.45	0.1000				3			0
104.03	Riboflavin, LC (ppm)	0939	13.13	0.2400				3			0
104.03	Riboflavin, LC (ppm)	0910	8.635	1.590				3			1
104.99	Riboflavin, Miscellaneous (ppm)	2124	0.0785	0.0090				1			0
105.00	Thiamine, LC (ppm)	0227	13.30	0.4000				2			0
105.00	Thiamine, LC (ppm)	0939	13.59	0.2600				2			0
105.00	Thiamine, LC (ppm)	0910	13.65	2.540				2			1
105.00	Thiamine, LC (ppm)	2319	9.900	0.0000				2			2
105.99	Thiamine, Miscellaneous (ppm)	2124	0.1960	0.0080				1			0
106.00	Vitamin A, Color (KU / kg)	0227	7.215	0.6300				1			0
106.01	Vitamin A, UV (KU / kg)	0098	15.45	0.1000				1			0
106.02	Vitamin A, LC (KU / kg)	0676	6.750	0.5000	9.135	2.378	1.257	13	-1.00	13%	0
106.02	Vitamin A, LC (KU / kg)	0921	6.785	0.0300	9.135	2.378	1.257	13	-0.99	13%	0
106.02	Vitamin A, LC (KU / kg)	0870	7.087	2.487	9.135	2.378	1.257	13	-0.86	11%	0
106.02	Vitamin A, LC (KU / kg)	0512	7.470	0.7590	9.135	2.378	1.257	13	-0.70	9%	0
106.02	Vitamin A, LC (KU / kg)	0563	7.567	0.4870	9.135	2.378	1.257	13	-0.66	9%	0
106.02	Vitamin A, LC (KU / kg)	0910	8.150	0.7000	9.135	2.378	1.257	13	-0.41	5%	0
106.02	Vitamin A, LC (KU / kg)	2319	8.175	1.330	9.135	2.378	1.257	13	-0.40	5%	0
106.02	Vitamin A, LC (KU / kg)	0619	9.255	4.290	9.135	2.378	1.257	13	0.05	1%	0
106.02	Vitamin A, LC (KU / kg)	0038	10.42	3.160	9.135	2.378	1.257	13	0.54	7%	0
106.02	Vitamin A, LC (KU / kg)	0610	11.05	0.1000	9.135	2.378	1.257	13	0.81	10%	0
106.02	Vitamin A, LC (KU / kg)	2023	11.90	0.0000	9.135	2.378	1.257	13	1.16	15%	0
106.02	Vitamin A, LC (KU / kg)	0148	12.04	1.294	9.135	2.378	1.257	13	1.22	16%	0
106.02	Vitamin A, LC (KU / kg)	0689	12.10	1.200	9.135	2.378	1.257	13	1.25	16%	0
107.00	Vitamin B12, Microbiological (ppb)	0227	84.75	18.50				1			0
107.99	Vitamin B12, Miscellaneous (ppb)	2124	5.200	0.4000				1			0
108.01	Vitamin D3, LC, AOAC (KU / kg)	2023	0.3500	0.1000				1			0
108.02	Vitamin D3, LC (KU / kg)	0227	0.7070	0.0680	1.545	0.8489	0.3376	5			0
108.02	Vitamin D3, LC (KU / kg)	2319	0.9950	0.5500	1.545	0.8489	0.3376	5			0
108.02	Vitamin D3, LC (KU / kg)	0910	1.295	0.4500	1.545	0.8489	0.3376	5			0

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108.02	Vitamin D3, LC (KU / kg)	0619	1.880	0.3200	1.545	0.8489	0.3376	5			0
108.02	Vitamin D3, LC (KU / kg)	0610	2.850	0.3000	1.545	0.8489	0.3376	5			0
108.02	Vitamin D3, LC (KU / kg)	0870	0.4628	0.9256	1.545	0.8489	0.3376	5			4
108.99	Vitamin D3, Miscellaneous (KU / kg)	0010	0.8850	0.0700				1			0
109.02	Vitamin E, LC (IU / kg)	2023	40.50	3.000	99.60	17.03	2.891	15	-3.47	30%	0
109.02	Vitamin E, LC (IU / kg)	0910	79.40	7.800	99.60	17.03	2.891	15	-1.19	10%	0
109.02	Vitamin E, LC (IU / kg)	0590	80.75	0.5000	99.60	17.03	2.891	15	-1.11	9%	0
109.02	Vitamin E, LC (IU / kg)	0619	92.50	3.000	99.60	17.03	2.891	15	-0.42	4%	0
109.02	Vitamin E, LC (IU / kg)	2188	92.93	0.0000	99.60	17.03	2.891	15	-0.39	3%	0
109.02	Vitamin E, LC (IU / kg)	0610	94.90	5.800	99.60	17.03	2.891	15	-0.28	2%	0
109.02	Vitamin E, LC (IU / kg)	0676	98.15	1.300	99.60	17.03	2.891	15	-0.09	1%	0
109.02	Vitamin E, LC (IU / kg)	0563	100.3	1.934	99.60	17.03	2.891	15	0.04	0%	0
109.02	Vitamin E, LC (IU / kg)	0098	100.4	3.200	99.60	17.03	2.891	15	0.05	0%	0
109.02	Vitamin E, LC (IU / kg)	2319	102.1	5.800	99.60	17.03	2.891	15	0.15	1%	0
109.02	Vitamin E, LC (IU / kg)	0921	104.6	0.6000	99.60	17.03	2.891	15	0.29	3%	0
109.02	Vitamin E, LC (IU / kg)	0870	110.0	0.1314	99.60	17.03	2.891	15	0.61	5%	0
109.02	Vitamin E, LC (IU / kg)	0227	114.5	3.000	99.60	17.03	2.891	15	0.87	7%	0
109.02	Vitamin E, LC (IU / kg)	0148	124.3	6.500	99.60	17.03	2.891	15	1.45	12%	0
109.02	Vitamin E, LC (IU / kg)	0199	138.5	0.8000	99.60	17.03	2.891	15	2.28	20%	0
109.02	Vitamin E, LC (IU / kg)	0038	103.7	18.60	99.60	17.03	2.891	15	0.24	2%	1
109.99	Vitamin E, Miscellaneous (IU / kg)	0171	123.0	12.00				1			0
111.00	Vitamin C, Phosphorylated, LC (ppm)	0227	< 4.4					0			5
111.98	Vitamin C, Ascorbic Acid, Miscellaneous (ppm)	0910	8.350	0.3000				1			0
112.01	Pyridoxine, LC (µg / g)	2319	11.85	0.3000				3			0
112.01	Pyridoxine, LC (µg / g)	0227	13.50	0.2000				3			0
112.01	Pyridoxine, LC (µg / g)	0939	16.85	1.590				3			0
112.99	Pyridoxine, Miscellaneous (µg / g)	2124	11.37	1.140				1			0
113.01	Folic Acid, Micro (ppm)	0227	2.650	0.2400				1			0
113.02	Folic acid, LC (ppm)	2319	2.700	0.0000				1			0
113.99	Folic acid, Miscellaneous (ppm)	2124	0.0015	0.0010				1			0
114.01	Biotin, Microbiological (ppm)	0227	0.5240	0.0040				1			0
114.99	Biotin, Miscellaneous (ppm)	2124	0.0010	0.0001				1			0
115.00	Non Protein N (NPN), Urea + Am, Urease method (%)	0407	0.0650	0.0100				2			0
115.00	Non Protein N (NPN), Urea + Am, Urease method (%)	0098	0.4350	0.0100				2			0
115.99	Non Protein N (NPN), Miscellaneous (%)	2129	0.6794	0.0888				1			0
118.99	Peroxide value, Miscellaneous (meq/kg)	0853	7.750	0.5000				1			0
120.00	Alanine, Post-col Ninhydrin Der (%)	0918	2.025	0.0100	2.150	0.0761	0.0295	16	-1.64	3%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0939	2.070	0.0400	2.150	0.0761	0.0295	16	-1.05	2%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0675	2.070	0.0200	2.150	0.0761	0.0295	16	-1.05	2%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0968	2.100	0.0000	2.150	0.0761	0.0295	16	-0.65	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0353	2.115	0.0700	2.150	0.0761	0.0295	16	-0.46	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0504	2.125	0.0300	2.150	0.0761	0.0295	16	-0.32	1%	0

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120.00	Alanine, Post-col Ninhydrin Der (%)	0619	2.125	0.0100	2.150	0.0761	0.0295	16	-0.32	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0859	2.132	0.0054	2.150	0.0761	0.0295	16	-0.24	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0354	2.154	0.0110	2.150	0.0761	0.0295	16	0.05	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	2059	2.156	0.0040	2.150	0.0761	0.0295	16	0.08	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0571	2.172	0.0120	2.150	0.0761	0.0295	16	0.29	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0226	2.178	0.0171	2.150	0.0761	0.0295	16	0.37	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0941	2.208	0.0460	2.150	0.0761	0.0295	16	0.77	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0644	2.232	0.0150	2.150	0.0761	0.0295	16	1.07	2%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0652	2.260	0.0600	2.150	0.0761	0.0295	16	1.45	3%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0870	2.320	0.1211	2.150	0.0761	0.0295	16	2.23	4%	0
120.02	Alanine, Post-col OPA Der (%)	2023	2.075	0.0300				2			0
120.02	Alanine, Post-col OPA Der (%)	0098	2.136	0.0140				2			0
120.05	Alanine, Pre-col AQC Der (%)	0676	1.995	0.0100	2.117	0.0849	0.0476	9	-1.44	3%	0
120.05	Alanine, Pre-col AQC Der (%)	2196	2.072	0.0000	2.117	0.0849	0.0476	9	-0.53	1%	0
120.05	Alanine, Pre-col AQC Der (%)	2319	2.080	0.0000	2.117	0.0849	0.0476	9	-0.44	1%	0
120.05	Alanine, Pre-col AQC Der (%)	0148	2.085	0.1300	2.117	0.0849	0.0476	9	-0.38	1%	0
120.05	Alanine, Pre-col AQC Der (%)	0407	2.111	0.1110	2.117	0.0849	0.0476	9	-0.08	0%	0
120.05	Alanine, Pre-col AQC Der (%)	2246	2.119	0.0154	2.117	0.0849	0.0476	9	0.02	0%	0
120.05	Alanine, Pre-col AQC Der (%)	0610	2.140	0.0600	2.117	0.0849	0.0476	9	0.27	1%	0
120.05	Alanine, Pre-col AQC Der (%)	2188	2.210	0.0000	2.117	0.0849	0.0476	9	1.09	2%	0
120.05	Alanine, Pre-col AQC Der (%)	0626	2.274	0.1020	2.117	0.0849	0.0476	9	1.84	4%	0
120.99	Alanine, Miscellaneous (%)	0889	1.820	0.0200				3			0
120.99	Alanine, Miscellaneous (%)	2360	2.125	0.0100				3			0
120.99	Alanine, Miscellaneous (%)	0227	2.305	0.0500				3			0
121.00	Arginine, Post-col Ninhydrin Der (%)	0675	1.565	0.0700	1.686	0.0748	0.0351	15	-1.62	4%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0918	1.570	0.0400	1.686	0.0748	0.0351	15	-1.55	3%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0968	1.620	0.0200	1.686	0.0748	0.0351	15	-0.88	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0226	1.625	0.0320	1.686	0.0748	0.0351	15	-0.82	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0504	1.665	0.0100	1.686	0.0748	0.0351	15	-0.28	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0939	1.670	0.0200	1.686	0.0748	0.0351	15	-0.21	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	2059	1.672	0.0120	1.686	0.0748	0.0351	15	-0.19	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0354	1.708	0.0310	1.686	0.0748	0.0351	15	0.29	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0870	1.712	0.0883	1.686	0.0748	0.0351	15	0.35	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0619	1.715	0.0100	1.686	0.0748	0.0351	15	0.39	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0859	1.727	0.0223	1.686	0.0748	0.0351	15	0.54	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0644	1.729	0.0090	1.686	0.0748	0.0351	15	0.57	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0571	1.739	0.0300	1.686	0.0748	0.0351	15	0.71	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0652	1.770	0.0400	1.686	0.0748	0.0351	15	1.12	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0941	1.793	0.0920	1.686	0.0748	0.0351	15	1.43	3%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0353	1.485	0.2700	1.686	0.0748	0.0351	15	-2.69	6%	1
121.02	Arginine, Post-col OPA Der (%)	0098	1.592	0.0370				2			0
121.02	Arginine, Post-col OPA Der (%)	2023	1.715	0.1700				2			0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
121.05	Arginine, Pre-col AQC Der (%)	2188	1.230	0.0000	1.659	0.2537	0.0296	9	-1.69	13%	0
121.05	Arginine, Pre-col AQC Der (%)	0407	1.258	0.0060	1.659	0.2537	0.0296	9	-1.58	12%	0
121.05	Arginine, Pre-col AQC Der (%)	0676	1.640	0.0400	1.659	0.2537	0.0296	9	-0.07	1%	0
121.05	Arginine, Pre-col AQC Der (%)	0610	1.735	0.0500	1.659	0.2537	0.0296	9	0.30	2%	0
121.05	Arginine, Pre-col AQC Der (%)	2246	1.747	0.0676	1.659	0.2537	0.0296	9	0.35	3%	0
121.05	Arginine, Pre-col AQC Der (%)	0626	1.785	0.0530	1.659	0.2537	0.0296	9	0.50	4%	0
121.05	Arginine, Pre-col AQC Der (%)	0148	1.805	0.0500	1.659	0.2537	0.0296	9	0.58	4%	0
121.05	Arginine, Pre-col AQC Der (%)	2196	1.810	0.0000	1.659	0.2537	0.0296	9	0.60	5%	0
121.05	Arginine, Pre-col AQC Der (%)	2319	1.850	0.0000	1.659	0.2537	0.0296	9	0.75	6%	0
121.99	Arginine, Miscellaneous (%)	2360	1.485	0.0900				3			0
121.99	Arginine, Miscellaneous (%)	0227	1.560	0.0800				3			0
121.99	Arginine, Miscellaneous (%)	0889	1.600	0.0000				3			0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0918	2.245	0.0100	2.344	0.0740	0.0260	15	-1.33	2%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0675	2.250	0.0400	2.344	0.0740	0.0260	15	-1.26	2%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0859	2.265	0.0205	2.344	0.0740	0.0260	15	-1.06	2%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0968	2.265	0.0100	2.344	0.0740	0.0260	15	-1.06	2%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0504	2.310	0.0600	2.344	0.0740	0.0260	15	-0.45	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0939	2.320	0.0200	2.344	0.0740	0.0260	15	-0.32	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0226	2.325	0.0038	2.344	0.0740	0.0260	15	-0.24	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	2059	2.363	0.0010	2.344	0.0740	0.0260	15	0.26	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0354	2.376	0.0160	2.344	0.0740	0.0260	15	0.44	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0353	2.380	0.0000	2.344	0.0740	0.0260	15	0.49	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0619	2.380	0.0200	2.344	0.0740	0.0260	15	0.49	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0644	2.411	0.0100	2.344	0.0740	0.0260	15	0.91	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0571	2.412	0.0360	2.344	0.0740	0.0260	15	0.93	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0870	2.424	0.0963	2.344	0.0740	0.0260	15	1.09	2%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0941	2.427	0.0460	2.344	0.0740	0.0260	15	1.13	2%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0652	2.460	0.2000	2.344	0.0740	0.0260	15	1.57	2%	1
122.02	Aspartic, Post-col OPA Der (%)	0098	2.355	0.0180				2			0
122.02	Aspartic, Post-col OPA Der (%)	2023	2.610	0.0400				2			0
122.05	Aspartic, Pre-col AQC Der (%)	2188	2.057	0.0000	2.287	0.1610	0.0152	8	-1.43	5%	0
122.05	Aspartic, Pre-col AQC Der (%)	0407	2.140	0.0010	2.287	0.1610	0.0152	8	-0.91	3%	0
122.05	Aspartic, Pre-col AQC Der (%)	0676	2.210	0.0000	2.287	0.1610	0.0152	8	-0.48	2%	0
122.05	Aspartic, Pre-col AQC Der (%)	2246	2.285	0.0198	2.287	0.1610	0.0152	8	-0.01	0%	0
122.05	Aspartic, Pre-col AQC Der (%)	0610	2.345	0.0500	2.287	0.1610	0.0152	8	0.36	1%	0
122.05	Aspartic, Pre-col AQC Der (%)	2319	2.370	0.0000	2.287	0.1610	0.0152	8	0.52	2%	0
122.05	Aspartic, Pre-col AQC Der (%)	2196	2.421	0.0000	2.287	0.1610	0.0152	8	0.83	3%	0
122.05	Aspartic, Pre-col AQC Der (%)	0626	2.467	0.0510	2.287	0.1610	0.0152	8	1.12	4%	0
122.05	Aspartic, Pre-col AQC Der (%)	0148	2.350	0.1800	2.287	0.1610	0.0152	8	0.39	1%	1
122.99	Aspartic, Miscellaneous (%)	0889	2.360	0.0200				3			0
122.99	Aspartic, Miscellaneous (%)	0227	2.420	0.0400				3			0
122.99	Aspartic, Miscellaneous (%)	2360	2.500	0.0000				3			0



Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0619	0.3895	0.0190	0.4209	0.0264	0.0115	16	-1.19	4%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0227	0.3900	0.0000	0.4209	0.0264	0.0115	16	-1.17	4%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0353	0.4000	0.0000	0.4209	0.0264	0.0115	16	-0.79	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0652	0.4050	0.0300	0.4209	0.0264	0.0115	16	-0.60	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0859	0.4066	0.0093	0.4209	0.0264	0.0115	16	-0.54	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0941	0.4075	0.0090	0.4209	0.0264	0.0115	16	-0.51	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	2059	0.4095	0.0050	0.4209	0.0264	0.0115	16	-0.43	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0939	0.4100	0.0000	0.4209	0.0264	0.0115	16	-0.41	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0226	0.4199	0.0082	0.4209	0.0264	0.0115	16	-0.04	0%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0504	0.4250	0.0100	0.4209	0.0264	0.0115	16	0.16	0%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0870	0.4288	0.0009	0.4209	0.0264	0.0115	16	0.30	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0644	0.4300	0.0100	0.4209	0.0264	0.0115	16	0.34	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0571	0.4340	0.0140	0.4209	0.0264	0.0115	16	0.50	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0354	0.4580	0.0280	0.4209	0.0264	0.0115	16	1.41	4%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0968	0.4700	0.0000	0.4209	0.0264	0.0115	16	1.86	6%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0675	0.5100	0.0400	0.4209	0.0264	0.0115	16	3.38	11%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0918	0.5800	0.1800	0.4209	0.0264	0.0115	16	6.04	19%	1
124.02	Cysteine/Cystine, PAO Post-col OPA Der (%)	0098	0.4420	0.0000				2			0
124.02	Cysteine/Cystine, PAO Post-col OPA Der (%)	2023	0.5500	0.0200				2			0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0407	0.3287	0.0057	0.4234	0.0710	0.0081	8	-1.34	11%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	2319	0.3700	0.0000	0.4234	0.0710	0.0081	8	-0.75	6%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	2246	0.3950	0.0283	0.4234	0.0710	0.0081	8	-0.40	3%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0676	0.4150	0.0100	0.4234	0.0710	0.0081	8	-0.12	1%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	2188	0.4210	0.0000	0.4234	0.0710	0.0081	8	-0.03	0%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	2196	0.4580	0.0000	0.4234	0.0710	0.0081	8	0.49	4%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0610	0.4700	0.0000	0.4234	0.0710	0.0081	8	0.66	5%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0148	0.5665	0.0210	0.4234	0.0710	0.0081	8	2.02	17%	0
124.99	Cysteine/Cystine, Miscellaneous (%)	0889	0.3750	0.0100				2			0
124.99	Cysteine/Cystine, Miscellaneous (%)	2246	0.3889	0.0109				2			0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0619	4.725	0.0500	5.091	0.2556	0.0825	16	-1.43	4%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0675	4.735	0.0900	5.091	0.2556	0.0825	16	-1.39	3%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0968	4.830	0.0200	5.091	0.2556	0.0825	16	-1.02	3%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0859	4.882	0.0394	5.091	0.2556	0.0825	16	-0.82	2%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0918	4.905	0.0100	5.091	0.2556	0.0825	16	-0.73	2%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	2059	4.998	0.0330	5.091	0.2556	0.0825	16	-0.37	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0504	5.040	0.1000	5.091	0.2556	0.0825	16	-0.20	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0571	5.134	0.1100	5.091	0.2556	0.0825	16	0.17	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0941	5.168	0.2250	5.091	0.2556	0.0825	16	0.30	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0652	5.170	0.1200	5.091	0.2556	0.0825	16	0.31	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0354	5.215	0.0190	5.091	0.2556	0.0825	16	0.48	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0644	5.251	0.0360	5.091	0.2556	0.0825	16	0.63	2%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0939	5.265	0.0100	5.091	0.2556	0.0825	16	0.68	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
125.00	Glutamic, Post-col Ninhydrin Der (%)	0353	5.305	0.1500	5.091	0.2556	0.0825	16	0.84	2%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0226	5.406	0.0536	5.091	0.2556	0.0825	16	1.23	3%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0870	5.428	0.2547	5.091	0.2556	0.0825	16	1.32	3%	0
125.02	Glutamic, Post-col OPA Der (%)	2023	3.685	0.0100				2			0
125.02	Glutamic, Post-col OPA Der (%)	0098	5.046	0.0360				2			0
125.05	Glutamic, Pre-col AQC Der (%)	2188	4.491	0.0000	5.007	0.4078	0.0900	9	-1.27	5%	0
125.05	Glutamic, Pre-col AQC Der (%)	0407	4.543	0.0830	5.007	0.4078	0.0900	9	-1.14	5%	0
125.05	Glutamic, Pre-col AQC Der (%)	0676	4.675	0.0500	5.007	0.4078	0.0900	9	-0.81	3%	0
125.05	Glutamic, Pre-col AQC Der (%)	2319	4.920	0.0000	5.007	0.4078	0.0900	9	-0.21	1%	0
125.05	Glutamic, Pre-col AQC Der (%)	0626	5.176	0.1330	5.007	0.4078	0.0900	9	0.41	2%	0
125.05	Glutamic, Pre-col AQC Der (%)	0610	5.230	0.1400	5.007	0.4078	0.0900	9	0.55	2%	0
125.05	Glutamic, Pre-col AQC Der (%)	2246	5.238	0.0843	5.007	0.4078	0.0900	9	0.57	2%	0
125.05	Glutamic, Pre-col AQC Der (%)	2196	5.371	0.0000	5.007	0.4078	0.0900	9	0.89	4%	0
125.05	Glutamic, Pre-col AQC Der (%)	0148	5.420	0.3200	5.007	0.4078	0.0900	9	1.01	4%	0
125.99	Glutamic, Miscellaneous (%)	0889	5.010	0.0600				3			0
125.99	Glutamic, Miscellaneous (%)	0227	5.270	0.0000				3			0
125.99	Glutamic, Miscellaneous (%)	2360	5.275	0.0100				3			0
126.00	Glycine, Post-col Ninhydrin Der (%)	0918	1.855	0.0100	1.958	0.0659	0.0319	16	-1.56	3%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0675	1.870	0.0600	1.958	0.0659	0.0319	16	-1.33	2%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0859	1.879	0.0085	1.958	0.0659	0.0319	16	-1.20	2%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0968	1.915	0.0100	1.958	0.0659	0.0319	16	-0.65	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0619	1.925	0.0100	1.958	0.0659	0.0319	16	-0.50	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0504	1.940	0.0800	1.958	0.0659	0.0319	16	-0.27	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	2059	1.954	0.0150	1.958	0.0659	0.0319	16	-0.07	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0353	1.955	0.0900	1.958	0.0659	0.0319	16	-0.05	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0939	1.960	0.0200	1.958	0.0659	0.0319	16	0.03	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0652	1.970	0.0600	1.958	0.0659	0.0319	16	0.18	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0354	1.984	0.0370	1.958	0.0659	0.0319	16	0.39	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0226	2.004	0.0021	1.958	0.0659	0.0319	16	0.69	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0571	2.007	0.0040	1.958	0.0659	0.0319	16	0.74	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0870	2.029	0.0445	1.958	0.0659	0.0319	16	1.08	2%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0644	2.036	0.0010	1.958	0.0659	0.0319	16	1.18	2%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0941	2.043	0.0580	1.958	0.0659	0.0319	16	1.29	2%	0
126.02	Glycine, Post-col OPA Der (%)	2023	1.895	0.0100				2			0
126.02	Glycine, Post-col OPA Der (%)	0098	2.000	0.0250				2			0
126.05	Glycine, Pre-col AQC Der (%)	0676	1.830	0.0000	1.980	0.1339	0.0334	9	-1.12	4%	0
126.05	Glycine, Pre-col AQC Der (%)	2196	1.833	0.0000	1.980	0.1339	0.0334	9	-1.10	4%	0
126.05	Glycine, Pre-col AQC Der (%)	0407	1.935	0.0010	1.980	0.1339	0.0334	9	-0.34	1%	0
126.05	Glycine, Pre-col AQC Der (%)	2319	1.940	0.0000	1.980	0.1339	0.0334	9	-0.30	1%	0
126.05	Glycine, Pre-col AQC Der (%)	0148	1.960	0.0600	1.980	0.1339	0.0334	9	-0.15	0%	0
126.05	Glycine, Pre-col AQC Der (%)	0610	1.985	0.0500	1.980	0.1339	0.0334	9	0.04	0%	0
126.05	Glycine, Pre-col AQC Der (%)	2246	2.032	0.0579	1.980	0.1339	0.0334	9	0.39	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
126.05	Glycine, Pre-col AQC Der (%)	2188	2.123	0.0000	1.980	0.1339	0.0334	9	1.07	4%	0
126.05	Glycine, Pre-col AQC Der (%)	0626	2.292	0.1320	1.980	0.1339	0.0334	9	2.33	8%	0
126.99	Glycine, Miscellaneous (%)	0889	0.6100	0.0000				2			0
126.99	Glycine, Miscellaneous (%)	0227	2.055	0.0700				2			0
127.00	Histidine, Post-col Ninhydrin Der (%)	0859	0.6400	0.0064	0.6831	0.0368	0.0144	16	-1.17	3%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	2059	0.6485	0.0030	0.6831	0.0368	0.0144	16	-0.94	3%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0918	0.6500	0.0200	0.6831	0.0368	0.0144	16	-0.90	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0968	0.6550	0.0100	0.6831	0.0368	0.0144	16	-0.76	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0939	0.6600	0.0000	0.6831	0.0368	0.0144	16	-0.63	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0675	0.6650	0.0500	0.6831	0.0368	0.0144	16	-0.49	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0354	0.6680	0.0040	0.6831	0.0368	0.0144	16	-0.41	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0571	0.6705	0.0110	0.6831	0.0368	0.0144	16	-0.34	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0644	0.6780	0.0060	0.6831	0.0368	0.0144	16	-0.14	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0504	0.6800	0.0000	0.6831	0.0368	0.0144	16	-0.08	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0353	0.6850	0.0100	0.6831	0.0368	0.0144	16	0.05	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0870	0.7108	0.0272	0.6831	0.0368	0.0144	16	0.75	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0941	0.7230	0.0100	0.6831	0.0368	0.0144	16	1.08	3%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0619	0.7275	0.0010	0.6831	0.0368	0.0144	16	1.21	3%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0652	0.7300	0.0600	0.6831	0.0368	0.0144	16	1.27	3%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0226	0.8160	0.0116	0.6831	0.0368	0.0144	16	3.61	10%	0
127.02	Histidine, Post-col OPA Der (%)	0098	0.6055	0.0250				2			0
127.02	Histidine, Post-col OPA Der (%)	2023	0.6350	0.0100				2			0
127.05	Histidine, Pre-col AQC Der (%)	2188	0.5100	0.0000	0.6632	0.1047	0.0059	8	-1.46	12%	0
127.05	Histidine, Pre-col AQC Der (%)	0676	0.5900	0.0000	0.6632	0.1047	0.0059	8	-0.70	6%	0
127.05	Histidine, Pre-col AQC Der (%)	2196	0.6180	0.0000	0.6632	0.1047	0.0059	8	-0.43	3%	0
127.05	Histidine, Pre-col AQC Der (%)	0407	0.6430	0.0020	0.6632	0.1047	0.0059	8	-0.19	2%	0
127.05	Histidine, Pre-col AQC Der (%)	0610	0.6700	0.0000	0.6632	0.1047	0.0059	8	0.06	1%	0
127.05	Histidine, Pre-col AQC Der (%)	2319	0.7300	0.0000	0.6632	0.1047	0.0059	8	0.64	5%	0
127.05	Histidine, Pre-col AQC Der (%)	2246	0.7709	0.0310	0.6632	0.1047	0.0059	8	1.03	8%	0
127.05	Histidine, Pre-col AQC Der (%)	0626	0.7740	0.0140	0.6632	0.1047	0.0059	8	1.06	8%	0
127.05	Histidine, Pre-col AQC Der (%)	0148	0.6135	0.0770	0.6632	0.1047	0.0059	8	-0.48	4%	1
127.99	Histidine, Miscellaneous (%)	0889	0.6100	0.0000				2			0
127.99	Histidine, Miscellaneous (%)	0227	0.6950	0.0100				2			0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0353	1.080	0.0000	1.160	0.0561	0.0194	16	-1.43	3%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0918	1.080	0.0200	1.160	0.0561	0.0194	16	-1.43	3%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0968	1.115	0.0100	1.160	0.0561	0.0194	16	-0.80	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0354	1.119	0.0120	1.160	0.0561	0.0194	16	-0.73	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0939	1.130	0.0000	1.160	0.0561	0.0194	16	-0.53	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0675	1.145	0.0300	1.160	0.0561	0.0194	16	-0.27	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0226	1.151	0.0279	1.160	0.0561	0.0194	16	-0.16	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0644	1.154	0.0010	1.160	0.0561	0.0194	16	-0.12	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0870	1.158	0.0678	1.160	0.0561	0.0194	16	-0.03	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
128.00	Isoleucine, Post-col Ninhydrin Der (%)	2059	1.167	0.0070	1.160	0.0561	0.0194	16	0.12	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0619	1.175	0.0100	1.160	0.0561	0.0194	16	0.27	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0571	1.194	0.0230	1.160	0.0561	0.0194	16	0.60	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0859	1.203	0.0027	1.160	0.0561	0.0194	16	0.76	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0652	1.205	0.0100	1.160	0.0561	0.0194	16	0.80	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0941	1.242	0.0390	1.160	0.0561	0.0194	16	1.45	4%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0504	1.295	0.0500	1.160	0.0561	0.0194	16	2.41	6%	0
128.02	Isoleucine, Post-col OPA Der (%)	0098	1.091	0.0060				2			0
128.02	Isoleucine, Post-col OPA Der (%)	2023	1.165	0.0300				2			0
128.05	Isoleucine, Pre-col AQC Der (%)	2319	0.9700	0.0000	1.150	0.0951	0.0131	9	-1.89	8%	0
128.05	Isoleucine, Pre-col AQC Der (%)	0676	1.045	0.0100	1.150	0.0951	0.0131	9	-1.10	5%	0
128.05	Isoleucine, Pre-col AQC Der (%)	0148	1.100	0.0400	1.150	0.0951	0.0131	9	-0.52	2%	0
128.05	Isoleucine, Pre-col AQC Der (%)	2188	1.132	0.0000	1.150	0.0951	0.0131	9	-0.19	1%	0
128.05	Isoleucine, Pre-col AQC Der (%)	0407	1.174	0.0190	1.150	0.0951	0.0131	9	0.25	1%	0
128.05	Isoleucine, Pre-col AQC Der (%)	2246	1.212	0.0059	1.150	0.0951	0.0131	9	0.65	3%	0
128.05	Isoleucine, Pre-col AQC Der (%)	0610	1.215	0.0300	1.150	0.0951	0.0131	9	0.69	3%	0
128.05	Isoleucine, Pre-col AQC Der (%)	0626	1.228	0.0130	1.150	0.0951	0.0131	9	0.82	3%	0
128.05	Isoleucine, Pre-col AQC Der (%)	2196	1.236	0.0000	1.150	0.0951	0.0131	9	0.91	4%	0
128.99	Isoleucine, Miscellaneous (%)	2360	0.9150	0.0500				3			0
128.99	Isoleucine, Miscellaneous (%)	0889	1.050	0.0000				3			0
128.99	Isoleucine, Miscellaneous (%)	0227	1.260	0.0000				3			0
129.00	Leucine, Post-col Ninhydrin Der (%)	0619	3.005	0.0300	3.121	0.0857	0.0256	15	-1.35	2%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0353	3.025	0.0100	3.121	0.0857	0.0256	15	-1.12	2%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0939	3.035	0.0100	3.121	0.0857	0.0256	15	-1.00	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0675	3.050	0.0600	3.121	0.0857	0.0256	15	-0.82	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0859	3.068	0.0119	3.121	0.0857	0.0256	15	-0.61	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	2059	3.093	0.0080	3.121	0.0857	0.0256	15	-0.32	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0504	3.115	0.0300	3.121	0.0857	0.0256	15	-0.07	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0652	3.120	0.0200	3.121	0.0857	0.0256	15	-0.01	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0968	3.125	0.0300	3.121	0.0857	0.0256	15	0.05	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0571	3.148	0.0300	3.121	0.0857	0.0256	15	0.32	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0941	3.164	0.0770	3.121	0.0857	0.0256	15	0.50	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0644	3.176	0.0260	3.121	0.0857	0.0256	15	0.64	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0226	3.211	0.0076	3.121	0.0857	0.0256	15	1.05	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0354	3.227	0.0080	3.121	0.0857	0.0256	15	1.24	2%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0870	3.368	0.0257	3.121	0.0857	0.0256	15	2.88	4%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0918	2.820	0.1600	3.121	0.0857	0.0256	15	-3.51	5%	1
129.02	Leucine, Post-col OPA Der (%)	0098	2.972	0.0010				2			0
129.02	Leucine, Post-col OPA Der (%)	2023	3.090	0.0400				2			0
129.05	Leucine, Pre-col AQC Der (%)	0407	2.862	0.0220	3.018	0.1610	0.0382	9	-0.97	3%	0
129.05	Leucine, Pre-col AQC Der (%)	0676	2.885	0.0700	3.018	0.1610	0.0382	9	-0.82	2%	0
129.05	Leucine, Pre-col AQC Der (%)	2188	2.887	0.0000	3.018	0.1610	0.0382	9	-0.81	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
129.05	Leucine, Pre-col AQC Der (%)	2319	2.890	0.0000	3.018	0.1610	0.0382	9	-0.79	2%	0
129.05	Leucine, Pre-col AQC Der (%)	0148	3.035	0.1100	3.018	0.1610	0.0382	9	0.11	0%	0
129.05	Leucine, Pre-col AQC Der (%)	0626	3.058	0.0350	3.018	0.1610	0.0382	9	0.25	1%	0
129.05	Leucine, Pre-col AQC Der (%)	2196	3.147	0.0000	3.018	0.1610	0.0382	9	0.80	2%	0
129.05	Leucine, Pre-col AQC Der (%)	0610	3.165	0.0900	3.018	0.1610	0.0382	9	0.91	2%	0
129.05	Leucine, Pre-col AQC Der (%)	2246	3.232	0.0167	3.018	0.1610	0.0382	9	1.33	4%	0
129.99	Leucine, Miscellaneous (%)	0889	2.565	0.1600				3			0
129.99	Leucine, Miscellaneous (%)	2360	3.120	0.0400				3			0
129.99	Leucine, Miscellaneous (%)	0227	3.250	0.0200				3			0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0848	1.205	0.0100	1.433	0.0566	0.0253	18	-4.02	8%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0353	1.350	0.0200	1.433	0.0566	0.0253	18	-1.46	3%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0918	1.375	0.0900	1.433	0.0566	0.0253	18	-1.02	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0512	1.397	0.0310	1.433	0.0566	0.0253	18	-0.64	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0968	1.400	0.0200	1.433	0.0566	0.0253	18	-0.58	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0226	1.403	0.0266	1.433	0.0566	0.0253	18	-0.52	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0939	1.410	0.0000	1.433	0.0566	0.0253	18	-0.40	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0859	1.427	0.0149	1.433	0.0566	0.0253	18	-0.10	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0644	1.428	0.0010	1.433	0.0566	0.0253	18	-0.09	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0675	1.430	0.0200	1.433	0.0566	0.0253	18	-0.05	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	2059	1.449	0.0010	1.433	0.0566	0.0253	18	0.28	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0354	1.453	0.0010	1.433	0.0566	0.0253	18	0.35	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0571	1.459	0.0070	1.433	0.0566	0.0253	18	0.46	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0941	1.470	0.0120	1.433	0.0566	0.0253	18	0.66	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0619	1.475	0.0100	1.433	0.0566	0.0253	18	0.75	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0652	1.480	0.0400	1.433	0.0566	0.0253	18	0.84	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0504	1.520	0.0600	1.433	0.0566	0.0253	18	1.55	3%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0870	1.654	0.0911	1.433	0.0566	0.0253	18	3.92	8%	0
130.02	L-Lysine, Post-col OPA Der (%)	2023	1.320	0.0200				2			0
130.02	L-Lysine, Post-col OPA Der (%)	0098	1.482	0.0070				2			0
130.05	L-Lysine, Pre-col AQC Der (%)	0148	1.300	0.1000	1.444	0.1120	0.0278	8	-1.28	5%	0
130.05	L-Lysine, Pre-col AQC Der (%)	2246	1.336	0.0577	1.444	0.1120	0.0278	8	-0.96	4%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0676	1.410	0.0200	1.444	0.1120	0.0278	8	-0.30	1%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0610	1.445	0.0300	1.444	0.1120	0.0278	8	0.01	0%	0
130.05	L-Lysine, Pre-col AQC Der (%)	2188	1.460	0.0000	1.444	0.1120	0.0278	8	0.14	1%	0
130.05	L-Lysine, Pre-col AQC Der (%)	2196	1.467	0.0000	1.444	0.1120	0.0278	8	0.21	1%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0407	1.521	0.0150	1.444	0.1120	0.0278	8	0.68	3%	0
130.05	L-Lysine, Pre-col AQC Der (%)	2319	1.740	0.0000	1.444	0.1120	0.0278	8	2.64	10%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0626	1.577	0.7710	1.444	0.1120	0.0278	8	1.18	5%	1
130.99	L-Lysine, Miscellaneous (%)	2246	1.322	0.0096	1.444	0.1088	0.0312	4			0
130.99	L-Lysine, Miscellaneous (%)	2360	1.385	0.0700	1.444	0.1088	0.0312	4			0
130.99	L-Lysine, Miscellaneous (%)	0889	1.513	0.0150	1.444	0.1088	0.0312	4			0
130.99	L-Lysine, Miscellaneous (%)	0227	1.555	0.0300	1.444	0.1088	0.0312	4			0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0918	0.2950	0.0500	0.7371	0.0478	0.0170	18	-9.25	30%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0848	0.6300	0.0000	0.7371	0.0478	0.0170	18	-2.24	7%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0859	0.6879	0.0001	0.7371	0.0478	0.0170	18	-1.03	3%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0968	0.7000	0.0000	0.7371	0.0478	0.0170	18	-0.78	3%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0504	0.7100	0.0200	0.7371	0.0478	0.0170	18	-0.57	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0354	0.7130	0.0300	0.7371	0.0478	0.0170	18	-0.50	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0512	0.7288	0.0188	0.7371	0.0478	0.0170	18	-0.17	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0939	0.7300	0.0200	0.7371	0.0478	0.0170	18	-0.15	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0941	0.7415	0.0110	0.7371	0.0478	0.0170	18	0.09	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0619	0.7430	0.0060	0.7371	0.0478	0.0170	18	0.12	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0870	0.7448	0.0245	0.7371	0.0478	0.0170	18	0.16	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	2059	0.7475	0.0010	0.7371	0.0478	0.0170	18	0.22	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0652	0.7500	0.0600	0.7371	0.0478	0.0170	18	0.27	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0227	0.7650	0.0100	0.7371	0.0478	0.0170	18	0.58	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0571	0.7750	0.0260	0.7371	0.0478	0.0170	18	0.79	3%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0644	0.7885	0.0030	0.7371	0.0478	0.0170	18	1.08	3%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0226	0.8027	0.0159	0.7371	0.0478	0.0170	18	1.37	4%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0353	0.8350	0.0100	0.7371	0.0478	0.0170	18	2.05	7%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0675	0.8150	0.0900	0.7371	0.0478	0.0170	18	1.63	5%	1
131.02	Methionine, PAO Post-col OPA Der (%)	0098	0.7030	0.0140				2			0
131.02	Methionine, PAO Post-col OPA Der (%)	2023	0.7700	0.0200				2			0
131.05	Methionine, PAO Pre-col AQC Der (%)	0407	0.6213	0.0437	0.7598	0.0816	0.0109	9	-1.70	9%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	2319	0.6800	0.0000	0.7598	0.0816	0.0109	9	-0.98	5%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	0610	0.7300	0.0000	0.7598	0.0816	0.0109	9	-0.37	2%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	2246	0.7452	0.0133	0.7598	0.0816	0.0109	9	-0.18	1%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	0148	0.7760	0.0000	0.7598	0.0816	0.0109	9	0.20	1%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	2196	0.7850	0.0000	0.7598	0.0816	0.0109	9	0.31	2%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	2188	0.7960	0.0000	0.7598	0.0816	0.0109	9	0.44	2%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	0626	0.8065	0.0310	0.7598	0.0816	0.0109	9	0.57	3%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	0676	0.9150	0.0100	0.7598	0.0816	0.0109	9	1.90	10%	0
131.99	Methionine, Miscellaneous (%)	0889	0.5825	0.0050				3			0
131.99	Methionine, Miscellaneous (%)	2246	0.6820	0.0428				3			0
131.99	Methionine, Miscellaneous (%)	2360	0.8300	0.0000				3			0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0675	1.335	0.0300	1.458	0.0499	0.0253	16	-2.47	4%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0619	1.375	0.0700	1.458	0.0499	0.0253	16	-1.67	3%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0918	1.395	0.0700	1.458	0.0499	0.0253	16	-1.27	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0968	1.415	0.0100	1.458	0.0499	0.0253	16	-0.87	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0859	1.439	0.0089	1.458	0.0499	0.0253	16	-0.40	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0353	1.450	0.0000	1.458	0.0499	0.0253	16	-0.17	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	2059	1.463	0.0010	1.458	0.0499	0.0253	16	0.08	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0226	1.467	0.0046	1.458	0.0499	0.0253	16	0.17	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0504	1.475	0.0100	1.458	0.0499	0.0253	16	0.33	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
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132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0571	1.482	0.0580	1.458	0.0499	0.0253	16	0.47	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0941	1.485	0.0380	1.458	0.0499	0.0253	16	0.53	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0652	1.490	0.0200	1.458	0.0499	0.0253	16	0.63	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0939	1.490	0.0000	1.458	0.0499	0.0253	16	0.63	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0354	1.491	0.0090	1.458	0.0499	0.0253	16	0.64	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0644	1.493	0.0180	1.458	0.0499	0.0253	16	0.69	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0870	1.622	0.0574	1.458	0.0499	0.0253	16	3.28	6%	0
132.02	Phenylalanine, Post-col OPA Der (%)	0098	1.383	0.0070				2			0
132.02	Phenylalanine, Post-col OPA Der (%)	2023	1.420	0.0200				2			0
132.05	Phenylalanine, Pre-col AQC Der (%)	2188	1.364	0.0000	1.440	0.0761	0.0291	9	-1.00	3%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	0407	1.379	0.0120	1.440	0.0761	0.0291	9	-0.80	2%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	0676	1.390	0.0400	1.440	0.0761	0.0291	9	-0.66	2%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	2319	1.400	0.0000	1.440	0.0761	0.0291	9	-0.52	1%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	2196	1.436	0.0000	1.440	0.0761	0.0291	9	-0.05	0%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	0148	1.450	0.0600	1.440	0.0761	0.0291	9	0.13	0%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	0610	1.450	0.0400	1.440	0.0761	0.0291	9	0.13	0%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	0626	1.536	0.0160	1.440	0.0761	0.0291	9	1.26	3%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	2246	1.588	0.0936	1.440	0.0761	0.0291	9	1.94	5%	0
132.99	Phenylalanine, Miscellaneous (%)	0889	1.290	0.0200				3			0
132.99	Phenylalanine, Miscellaneous (%)	2360	1.335	0.0300				3			0
132.99	Phenylalanine, Miscellaneous (%)	0227	1.555	0.0300				3			0
133.00	Proline, Post-col Ninhydrin Der (%)	0859	1.988	0.0120	2.229	0.1414	0.0388	15	-1.70	5%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0353	2.010	0.0200	2.229	0.1414	0.0388	15	-1.55	5%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0968	2.085	0.0300	2.229	0.1414	0.0388	15	-1.02	3%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0918	2.100	0.0800	2.229	0.1414	0.0388	15	-0.91	3%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0504	2.190	0.0800	2.229	0.1414	0.0388	15	-0.28	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	2059	2.212	0.0140	2.229	0.1414	0.0388	15	-0.12	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0571	2.250	0.0480	2.229	0.1414	0.0388	15	0.15	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0226	2.268	0.0106	2.229	0.1414	0.0388	15	0.27	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0652	2.270	0.0600	2.229	0.1414	0.0388	15	0.29	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0941	2.274	0.0700	2.229	0.1414	0.0388	15	0.32	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0675	2.305	0.0700	2.229	0.1414	0.0388	15	0.54	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0644	2.314	0.0110	2.229	0.1414	0.0388	15	0.60	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0939	2.330	0.0400	2.229	0.1414	0.0388	15	0.71	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0870	2.401	0.0239	2.229	0.1414	0.0388	15	1.22	4%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0354	2.403	0.0130	2.229	0.1414	0.0388	15	1.23	4%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0619	2.365	0.2100	2.229	0.1414	0.0388	15	0.96	3%	1
133.05	Proline, Pre-col AQC Der (%)	2188	2.070	0.0000	2.207	0.0922	0.0392	9	-1.48	3%	0
133.05	Proline, Pre-col AQC Der (%)	0407	2.154	0.0450	2.207	0.0922	0.0392	9	-0.58	1%	0
133.05	Proline, Pre-col AQC Der (%)	0148	2.155	0.1300	2.207	0.0922	0.0392	9	-0.56	1%	0
133.05	Proline, Pre-col AQC Der (%)	2319	2.170	0.0000	2.207	0.0922	0.0392	9	-0.40	1%	0
133.05	Proline, Pre-col AQC Der (%)	0676	2.180	0.0200	2.207	0.0922	0.0392	9	-0.29	1%	0

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133.05	Proline, Pre-col AQC Der (%)	0610	2.240	0.0400	2.207	0.0922	0.0392	9	0.36	1%	0
133.05	Proline, Pre-col AQC Der (%)	2246	2.282	0.0372	2.207	0.0922	0.0392	9	0.82	2%	0
133.05	Proline, Pre-col AQC Der (%)	2196	2.288	0.0000	2.207	0.0922	0.0392	9	0.88	2%	0
133.05	Proline, Pre-col AQC Der (%)	0626	2.322	0.0810	2.207	0.0922	0.0392	9	1.25	3%	0
133.99	Proline, Miscellaneous (%)	0889	1.893	0.0650	2.246	0.2769	0.0363	4			0
133.99	Proline, Miscellaneous (%)	2360	2.175	0.0100	2.246	0.2769	0.0363	4			0
133.99	Proline, Miscellaneous (%)	0227	2.385	0.0500	2.246	0.2769	0.0363	4			0
133.99	Proline, Miscellaneous (%)	2023	2.530	0.0200	2.246	0.2769	0.0363	4			0
134.00	Serine, Post-col Ninhydrin Der (%)	0504	1.125	0.0300	1.377	0.0957	0.0245	16	-2.63	9%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0675	1.175	0.0300	1.377	0.0957	0.0245	16	-2.11	7%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0918	1.230	0.0800	1.377	0.0957	0.0245	16	-1.53	5%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0859	1.337	0.0100	1.377	0.0957	0.0245	16	-0.41	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0619	1.360	0.0000	1.377	0.0957	0.0245	16	-0.17	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0968	1.360	0.0000	1.377	0.0957	0.0245	16	-0.17	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0353	1.365	0.0700	1.377	0.0957	0.0245	16	-0.12	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0571	1.389	0.0320	1.377	0.0957	0.0245	16	0.13	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	2059	1.391	0.0030	1.377	0.0957	0.0245	16	0.14	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0941	1.400	0.0350	1.377	0.0957	0.0245	16	0.24	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0226	1.410	0.0122	1.377	0.0957	0.0245	16	0.34	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0354	1.432	0.0060	1.377	0.0957	0.0245	16	0.58	2%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0939	1.435	0.0300	1.377	0.0957	0.0245	16	0.61	2%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0652	1.470	0.0400	1.377	0.0957	0.0245	16	0.97	3%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0870	1.485	0.0022	1.377	0.0957	0.0245	16	1.13	4%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0644	1.495	0.0110	1.377	0.0957	0.0245	16	1.23	4%	0
134.02	Serine, Post-col OPA Der (%)	0098	1.194	0.0010				2			0
134.02	Serine, Post-col OPA Der (%)	2023	1.730	0.0400				2			0
134.05	Serine, Pre-col AQC Der (%)	0407	0.9945	0.0130	1.358	0.1843	0.0240	9	-1.97	13%	0
134.05	Serine, Pre-col AQC Der (%)	0676	1.200	0.0000	1.358	0.1843	0.0240	9	-0.86	6%	0
134.05	Serine, Pre-col AQC Der (%)	0610	1.285	0.0300	1.358	0.1843	0.0240	9	-0.40	3%	0
134.05	Serine, Pre-col AQC Der (%)	2188	1.306	0.0000	1.358	0.1843	0.0240	9	-0.28	2%	0
134.05	Serine, Pre-col AQC Der (%)	2196	1.318	0.0000	1.358	0.1843	0.0240	9	-0.22	1%	0
134.05	Serine, Pre-col AQC Der (%)	0626	1.454	0.0380	1.358	0.1843	0.0240	9	0.52	4%	0
134.05	Serine, Pre-col AQC Der (%)	2319	1.470	0.0000	1.358	0.1843	0.0240	9	0.61	4%	0
134.05	Serine, Pre-col AQC Der (%)	2246	1.536	0.0453	1.358	0.1843	0.0240	9	0.96	7%	0
134.05	Serine, Pre-col AQC Der (%)	0148	1.575	0.0900	1.358	0.1843	0.0240	9	1.17	8%	0
134.99	Serine, Miscellaneous (%)	0227	1.415	0.0100				3			0
134.99	Serine, Miscellaneous (%)	2360	1.445	0.0100				3			0
134.99	Serine, Miscellaneous (%)	0889	1.588	0.0050				3			0
135.00	Threonine, Post-col Ninhydrin Der (%)	0504	1.045	0.0100	1.102	0.0455	0.0218	16	-1.24	3%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0675	1.045	0.0700	1.102	0.0455	0.0218	16	-1.24	3%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0226	1.054	0.0041	1.102	0.0455	0.0218	16	-1.05	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0918	1.065	0.0100	1.102	0.0455	0.0218	16	-0.80	2%	0



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135.00	Threonine, Post-col Ninhydrin Der (%)	0859	1.066	0.0094	1.102	0.0455	0.0218	16	-0.78	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0968	1.085	0.0100	1.102	0.0455	0.0218	16	-0.37	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0353	1.090	0.0400	1.102	0.0455	0.0218	16	-0.26	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0619	1.095	0.0100	1.102	0.0455	0.0218	16	-0.15	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0939	1.110	0.0000	1.102	0.0455	0.0218	16	0.18	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	2059	1.115	0.0040	1.102	0.0455	0.0218	16	0.29	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0652	1.120	0.0600	1.102	0.0455	0.0218	16	0.40	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0571	1.122	0.0340	1.102	0.0455	0.0218	16	0.45	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0941	1.134	0.0600	1.102	0.0455	0.0218	16	0.71	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0644	1.154	0.0050	1.102	0.0455	0.0218	16	1.14	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0354	1.157	0.0050	1.102	0.0455	0.0218	16	1.21	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0870	1.197	0.0168	1.102	0.0455	0.0218	16	2.09	4%	0
135.02	Threonine, Post-col OPA Der (%)	0098	1.068	0.0040				2			0
135.02	Threonine, Post-col OPA Der (%)	2023	1.090	0.0200				2			0
135.05	Threonine, Pre-col AQC Der (%)	0407	0.8425	0.0150	1.118	0.0784	0.0149	9	-3.52	12%	0
135.05	Threonine, Pre-col AQC Der (%)	0676	1.060	0.0200	1.118	0.0784	0.0149	9	-0.74	3%	0
135.05	Threonine, Pre-col AQC Der (%)	0610	1.095	0.0300	1.118	0.0784	0.0149	9	-0.30	1%	0
135.05	Threonine, Pre-col AQC Der (%)	2188	1.101	0.0000	1.118	0.0784	0.0149	9	-0.22	1%	0
135.05	Threonine, Pre-col AQC Der (%)	2196	1.105	0.0000	1.118	0.0784	0.0149	9	-0.17	1%	0
135.05	Threonine, Pre-col AQC Der (%)	0626	1.132	0.0330	1.118	0.0784	0.0149	9	0.17	1%	0
135.05	Threonine, Pre-col AQC Der (%)	2319	1.140	0.0000	1.118	0.0784	0.0149	9	0.28	1%	0
135.05	Threonine, Pre-col AQC Der (%)	0148	1.195	0.0300	1.118	0.0784	0.0149	9	0.98	3%	0
135.05	Threonine, Pre-col AQC Der (%)	2246	1.242	0.0061	1.118	0.0784	0.0149	9	1.58	6%	0
135.99	Threonine, Miscellaneous (%)	2246	1.058	0.0393	1.123	0.0593	0.0173	4			0
135.99	Threonine, Miscellaneous (%)	2360	1.105	0.0100	1.123	0.0593	0.0173	4			0
135.99	Threonine, Miscellaneous (%)	0227	1.130	0.0200	1.123	0.0593	0.0173	4			0
135.99	Threonine, Miscellaneous (%)	0889	1.200	0.0000	1.123	0.0593	0.0173	4			0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0941	0.2610	0.0000	0.2889	0.0365	0.0003	4			0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0619	0.2645	0.0010	0.2889	0.0365	0.0003	4			0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0227	0.2900	0.0000	0.2889	0.0365	0.0003	4			0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0918	0.3400	0.0000	0.2889	0.0365	0.0003	4			0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0870	0.3259	0.0110	0.2889	0.0365	0.0003	4			1
136.01	Tryptophan, Alka-Hydrol Rev Phase LC UV (%)	0644	0.2720	0.0080				2			0
136.01	Tryptophan, Alka-Hydrol Rev Phase LC UV (%)	2022	0.2750	0.0100				2			0
136.02	Tryptophan, Alka-Hydrol Post-col OPA De (%)	2023	0.2350	0.0300				2			0
136.02	Tryptophan, Alka-Hydrol Post-col OPA De (%)	0098	0.2640	0.0120				2			0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	2114	0.2461	0.0035	0.2752	0.0165	0.0026	8	-1.77	5%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	2196	0.2550	0.0000	0.2752	0.0165	0.0026	8	-1.23	4%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0226	0.2785	0.0036	0.2752	0.0165	0.0026	8	0.20	1%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	2059	0.2785	0.0010	0.2752	0.0165	0.0026	8	0.20	1%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0353	0.2800	0.0000	0.2752	0.0165	0.0026	8	0.29	1%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0571	0.2815	0.0030	0.2752	0.0165	0.0026	8	0.38	1%	0

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136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0859	0.2878	0.0100	0.2752	0.0165	0.0026	8	0.76	2%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0939	0.2900	0.0000	0.2752	0.0165	0.0026	8	0.90	3%	0
136.05	Tryptophan, Pre-col AQC Der (%)	2246	0.1871	0.0106				3			0
136.05	Tryptophan, Pre-col AQC Der (%)	2319	0.2650	0.0100				3			0
136.05	Tryptophan, Pre-col AQC Der (%)	0407	0.2920	0.0040				3			0
136.99	Tryptophan, Miscellaneous (%)	0504	0.2500	0.0200				3			0
136.99	Tryptophan, Miscellaneous (%)	2246	0.4263	0.0045				3			0
136.99	Tryptophan, Miscellaneous (%)	0889	0.8075	0.0050				3			0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0675	0.7200	0.0800	1.059	0.0787	0.0356	12	-4.30	16%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0918	0.9450	0.0100	1.059	0.0787	0.0356	12	-1.45	5%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0968	1.025	0.0100	1.059	0.0787	0.0356	12	-0.43	2%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0941	1.026	0.0690	1.059	0.0787	0.0356	12	-0.42	2%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0939	1.040	0.0200	1.059	0.0787	0.0356	12	-0.24	1%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0354	1.057	0.0270	1.059	0.0787	0.0356	12	-0.03	0%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0870	1.065	0.0332	1.059	0.0787	0.0356	12	0.07	0%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0504	1.080	0.1200	1.059	0.0787	0.0356	12	0.27	1%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0644	1.118	0.0220	1.059	0.0787	0.0356	12	0.75	3%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0226	1.122	0.0234	1.059	0.0787	0.0356	12	0.80	3%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	2059	1.124	0.0020	1.059	0.0787	0.0356	12	0.83	3%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0353	1.165	0.0100	1.059	0.0787	0.0356	12	1.35	5%	0
137.02	Tyrosine, Post-col OPA Der (%)	2023	0.9000	0.0000				2			0
137.02	Tyrosine, Post-col OPA Der (%)	0098	1.034	0.0030				2			0
137.05	Tyrosine, Pre-col AQC Der (%)	2246	0.8714	0.0223	1.101	0.1348	0.0175	9	-1.71	10%	0
137.05	Tyrosine, Pre-col AQC Der (%)	0407	0.9945	0.0150	1.101	0.1348	0.0175	9	-0.79	5%	0
137.05	Tyrosine, Pre-col AQC Der (%)	2319	1.020	0.0000	1.101	0.1348	0.0175	9	-0.60	4%	0
137.05	Tyrosine, Pre-col AQC Der (%)	2196	1.039	0.0000	1.101	0.1348	0.0175	9	-0.46	3%	0
137.05	Tyrosine, Pre-col AQC Der (%)	0626	1.108	0.0200	1.101	0.1348	0.0175	9	0.05	0%	0
137.05	Tyrosine, Pre-col AQC Der (%)	0676	1.200	0.0400	1.101	0.1348	0.0175	9	0.73	4%	0
137.05	Tyrosine, Pre-col AQC Der (%)	2188	1.200	0.0000	1.101	0.1348	0.0175	9	0.73	4%	0
137.05	Tyrosine, Pre-col AQC Der (%)	0610	1.220	0.0200	1.101	0.1348	0.0175	9	0.88	5%	0
137.05	Tyrosine, Pre-col AQC Der (%)	0148	1.230	0.0400	1.101	0.1348	0.0175	9	0.96	6%	0
137.99	Tyrosine, Miscellaneous (%)	0889	0.8075	0.0050				3			0
137.99	Tyrosine, Miscellaneous (%)	0227	0.8750	0.0300				3			0
137.99	Tyrosine, Miscellaneous (%)	2360	0.9150	0.0100				3			0
138.00	Valine, Post-col Ninhydrin Der (%)	0353	1.255	0.0100	1.376	0.0568	0.0225	16	-2.14	4%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0968	1.300	0.0000	1.376	0.0568	0.0225	16	-1.34	3%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0939	1.325	0.0500	1.376	0.0568	0.0225	16	-0.90	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0918	1.335	0.0500	1.376	0.0568	0.0225	16	-0.73	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0619	1.345	0.0100	1.376	0.0568	0.0225	16	-0.55	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0354	1.357	0.0130	1.376	0.0568	0.0225	16	-0.35	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0870	1.366	0.0244	1.376	0.0568	0.0225	16	-0.18	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0644	1.370	0.0110	1.376	0.0568	0.0225	16	-0.12	0%	0

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138.00	Valine, Post-col Ninhydrin Der (%)	0859	1.379	0.0020	1.376	0.0568	0.0225	16	0.05	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	2059	1.381	0.0020	1.376	0.0568	0.0225	16	0.08	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0652	1.405	0.0100	1.376	0.0568	0.0225	16	0.50	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0941	1.411	0.0160	1.376	0.0568	0.0225	16	0.61	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0675	1.425	0.0500	1.376	0.0568	0.0225	16	0.86	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0226	1.430	0.0149	1.376	0.0568	0.0225	16	0.95	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0571	1.441	0.0570	1.376	0.0568	0.0225	16	1.13	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0504	1.470	0.0400	1.376	0.0568	0.0225	16	1.65	3%	0
138.02	Valine, Post-col OPA Der (%)	2023	1.360	0.0400				2			0
138.02	Valine, Post-col OPA Der (%)	0098	1.418	0.0010				2			0
138.05	Valine, Pre-col AQC Der (%)	2319	1.260	0.0000	1.362	0.0732	0.0152	9	-1.39	4%	0
138.05	Valine, Pre-col AQC Der (%)	2188	1.311	0.0000	1.362	0.0732	0.0152	9	-0.69	2%	0
138.05	Valine, Pre-col AQC Der (%)	0148	1.315	0.0300	1.362	0.0732	0.0152	9	-0.64	2%	0
138.05	Valine, Pre-col AQC Der (%)	0676	1.325	0.0100	1.362	0.0732	0.0152	9	-0.50	1%	0
138.05	Valine, Pre-col AQC Der (%)	0407	1.359	0.0360	1.362	0.0732	0.0152	9	-0.04	0%	0
138.05	Valine, Pre-col AQC Der (%)	2196	1.384	0.0000	1.362	0.0732	0.0152	9	0.31	1%	0
138.05	Valine, Pre-col AQC Der (%)	0610	1.410	0.0200	1.362	0.0732	0.0152	9	0.66	2%	0
138.05	Valine, Pre-col AQC Der (%)	0626	1.442	0.0340	1.362	0.0732	0.0152	9	1.10	3%	0
138.05	Valine, Pre-col AQC Der (%)	2246	1.449	0.0068	1.362	0.0732	0.0152	9	1.19	3%	0
138.99	Valine, Miscellaneous (%)	2360	1.170	0.0400				3			0
138.99	Valine, Miscellaneous (%)	0889	1.188	0.0150				3			0
138.99	Valine, Miscellaneous (%)	0227	1.545	0.0100				3			0
139.00	Taurine, Post-col Ninhydrin Der (%)	0941	0.1492	0.0026				3			0
139.00	Taurine, Post-col Ninhydrin Der (%)	0504	0.3850	0.0100				3			0
139.00	Taurine, Post-col Ninhydrin Der (%)	0939	1.576	16.00				3			0
139.02	Taurine, Post-col OPA Der (%)	0098	0.1700	0.0080				1			0
139.05	Taurine, Pre-col AQC Der (%)	0407	0.1740	0.0020				3			0
139.05	Taurine, Pre-col AQC Der (%)	0148	0.1750	0.0040				3			0
139.05	Taurine, Pre-col AQC Der (%)	0676	0.1850	0.0100				3			0
139.99	Taurine, Miscellaneous (%)	2319	0.1520	0.0060				3			0
139.99	Taurine, Miscellaneous (%)	0227	0.1800	0.0000				3			0
139.99	Taurine, Miscellaneous (%)	2360	0.2400	0.0000				3			0
160.10	Fructose, HPAEC PAD (%)	0297	0.1000	0.0200				1			0
160.99	Fructose, Miscellaneous (%)	0227	< 0.15					0			5
161.10	Galactose, HPAEC PAD (%)	0297	0.0000	0.0000				0			4
162.10	Glucose, HPAEC PAD (%)	0297	0.0500	0.0000				1			0
162.99	Glucose, Miscellaneous (%)	0227	0.2050	0.0100				1			0
163.10	Lactose, HPAEC PAD (%)	0297	0.0000	0.0000				0			4
163.99	Lactose, Miscellaneous (%)	0227	< 0.15					0			5
164.10	Maltose, HPAEC PAD (%)	0297	0.0000	0.0000				0			4
164.99	Maltose, Miscellaneous (%)	0227	< 0.15					0			5
165.10	Sucrose, HPAEC PAD (%)	0297	1.210	0.0200				1			0

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165.99	Sucrose, Miscellaneous (%)	0227	1.235	0.0100				1			0
166.10	Raffinose, HPAEC PAD (%)	0297	0.1900	0.0000				1			0
166.99	Raffinose, Miscellaneous (%)	0227	0.2000	0.0000				1			0
167.10	Stachyose, HPAEC PAD (%)	0297	0.3850	0.0100				1			0
167.99	Stachyose, Miscellaneous (%)	0227	0.3800	0.0000				1			0
392.99	Fenbendazole, Miscellaneous (ppm)	0910	< 1					0			5
400.01	Water Activity, Aqualab chilled mirror (Units)	2409	0.3080	0.0166	0.4500	0.0201	0.0063	15	-7.08	16%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	2174	0.4315	0.0170	0.4500	0.0201	0.0063	15	-0.92	2%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	2303	0.4360	0.0020	0.4500	0.0201	0.0063	15	-0.70	2%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	0853	0.4382	0.0009	0.4500	0.0201	0.0063	15	-0.59	1%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	0051	0.4415	0.0010	0.4500	0.0201	0.0063	15	-0.42	1%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	2268	0.4425	0.0110	0.4500	0.0201	0.0063	15	-0.37	1%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	2168	0.4445	0.0170	0.4500	0.0201	0.0063	15	-0.27	1%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	2023	0.4470	0.0020	0.4500	0.0201	0.0063	15	-0.15	0%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	0942	0.4475	0.0150	0.4500	0.0201	0.0063	15	-0.12	0%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	0589	0.4500	0.0000	0.4500	0.0201	0.0063	15	0.00	0%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	0407	0.4571	0.0009	0.4500	0.0201	0.0063	15	0.35	1%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	0123	0.4575	0.0050	0.4500	0.0201	0.0063	15	0.37	1%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	2114	0.4766	0.0020	0.4500	0.0201	0.0063	15	1.33	3%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	2109	0.5137	0.0041	0.4500	0.0201	0.0063	15	3.17	7%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	0885	0.5300	0.0000	0.4500	0.0201	0.0063	15	3.99	9%	0
400.99	Water Activity, Miscellaneous (Units)	0918	0.4300	0.0200	0.4575	0.0214	0.0165	4			0
400.99	Water Activity, Miscellaneous (Units)	2033	0.4530	0.0260	0.4575	0.0214	0.0165	4			0
400.99	Water Activity, Miscellaneous (Units)	2073	0.4670	0.0120	0.4575	0.0214	0.0165	4			0
400.99	Water Activity, Miscellaneous (Units)	0676	0.4800	0.0080	0.4575	0.0214	0.0165	4			0
516.43	Arsenic, Total (As), ICP, Microwave (ppm)	2124	< 0.89					0			5
516.43	Arsenic, Total (As), ICP, Microwave (ppm)	0682	< 20					0			5
516.52	Arsenic, Total (As), ICP-MS, Open vessel (ppm)	0910	0.0950	0.0100				1			0
516.53	Arsenic, Total (As), ICP-MS, Microwave (ppm)	0199	0.0800	0.0200				3			0
516.53	Arsenic, Total (As), ICP-MS, Microwave (ppm)	0407	0.0837	0.0037				3			0
516.53	Arsenic, Total (As), ICP-MS, Microwave (ppm)	0227	0.0940	0.0040				3			0
518.41	Cadmium, ICP, Dry ash (ppm)	0407	0.0520	0.0031				1			0
518.43	Cadmium, ICP, Microwave (ppm)	0407	0.0425	0.0080				1			0
518.43	Cadmium, ICP, Microwave (ppm)	2124	< 0.16					1			5
518.43	Cadmium, ICP, Microwave (ppm)	0682	< 0.2					1			5
518.52	Cadmium, ICP-MS, Open vessel (ppm)	0910	0.0550	0.0100				1			0
518.53	Cadmium, ICP-MS, Microwave (ppm)	0199	0.0400	0.0000				3			0
518.53	Cadmium, ICP-MS, Microwave (ppm)	0227	0.0450	0.0040				3			0
518.53	Cadmium, ICP-MS, Microwave (ppm)	0407	0.0460	0.0026				3			0
520.41	Chromium, Total (Cr), ICP, Dry ash (ppm)	0407	1.752	0.2398				1			0
520.42	Chromium, Total (Cr), ICP, Open vessel (ppm)	0045	2.640	0.3800				1			0
520.43	Chromium, Total (Cr), ICP, Microwave (ppm)	0407	1.827	0.0098				3			0

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520.43	Chromium, Total (Cr), ICP, Microwave (ppm)	0682	2.160	0.0000				3		0	
520.43	Chromium, Total (Cr), ICP, Microwave (ppm)	0510	2.575	0.0900				3		0	
520.51	Chromium, Total (Cr), ICP-MS, Dry ash (ppm)	0910	1.540	0.1400				1		0	
520.53	Chromium, Total (Cr), ICP-MS, Microwave (ppm)	0199	1.250	0.0400	1.650	0.4857	0.1140	4		0	
520.53	Chromium, Total (Cr), ICP-MS, Microwave (ppm)	2023	1.400	0.0800	1.650	0.4857	0.1140	4		0	
520.53	Chromium, Total (Cr), ICP-MS, Microwave (ppm)	0164	1.605	0.0300	1.650	0.4857	0.1140	4		0	
520.53	Chromium, Total (Cr), ICP-MS, Microwave (ppm)	0407	2.345	0.3058	1.650	0.4857	0.1140	4		0	
526.41	Lead, ICP, Dry ash (ppm)	0407	0.1236	0.0640				1		0	
526.43	Lead, ICP, Microwave (ppm)	0407	0.1471	0.0513				1		0	
526.43	Lead, ICP, Microwave (ppm)	0682	< 10					1		5	
526.52	Lead, ICP-MS, Open vessel (ppm)	0910	0.2200	0.0000				1		0	
526.53	Lead, ICP-MS, Microwave (ppm)	0407	0.1697	0.0210	0.2178	0.0484	0.0190	4		0	
526.53	Lead, ICP-MS, Microwave (ppm)	0227	0.1915	0.0150	0.2178	0.0484	0.0190	4		0	
526.53	Lead, ICP-MS, Microwave (ppm)	0199	0.2300	0.0200	0.2178	0.0484	0.0190	4		0	
526.53	Lead, ICP-MS, Microwave (ppm)	0939	0.2800	0.0200	0.2178	0.0484	0.0190	4		0	
529.99	Mercury, Miscellaneous (ppb)	0407	1.585	0.0449				1		0	
529.99	Mercury, Miscellaneous (ppb)	0910	< 0.01					1		5	
529.99	Mercury, Miscellaneous (ppb)	0199	< 10					1		5	
529.99	Mercury, Miscellaneous (ppb)	0227	< 100					1		5	
529.99	Mercury, Miscellaneous (ppb)	0682	< 10000					1		5	
539.41	Nickel, ICP, Dry ash (ppm)	0407	1.207	0.0274				1		0	
539.43	Nickel, ICP, Microwave (ppm)	0407	1.019	0.3507				2		0	
539.43	Nickel, ICP, Microwave (ppm)	0682	1.270	0.0000				2		0	
539.51	Nickel, ICP-MS, Dry ash (ppm)	0910	1.245	0.0700				1		0	
539.53	Nickel, ICP-MS, Microwave (ppm)	2023	1.195	0.0700				3		0	
539.53	Nickel, ICP-MS, Microwave (ppm)	0407	1.230	0.2375				3		0	
539.53	Nickel, ICP-MS, Microwave (ppm)	0939	1.410	0.2000				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))	0164	< 0.02					0		5	
708.99	Capric acid (10:0), Miscellaneous (%) (w/w))	0910	< 0.05					0		5	
710.99	Lauric Acid (12:0), Miscellaneous (%) (w/w))	0226	0.0069	0.0001				2		0	
710.99	Lauric Acid (12:0), Miscellaneous (%) (w/w))	0910	0.0500	0.0000				2		0	
710.99	Lauric Acid (12:0), Miscellaneous (%) (w/w))	0676	< 0.01					2		5	
710.99	Lauric Acid (12:0), Miscellaneous (%) (w/w))	0164	< 0.02					2		5	
714.01	Myristic Acid (14:0 ) , Direct Methylation by Alkali Hydrolysi	0918	0.0550	0.0100				1		0	
714.99	Myristic Acid (14:0 ) , Miscellaneous (%) (w/w))	0171	0.0250	0.0100				3		0	
714.99	Myristic Acid (14:0 ) , Miscellaneous (%) (w/w))	0226	0.0539	0.0004				3		0	
714.99	Myristic Acid (14:0 ) , Miscellaneous (%) (w/w))	0164	0.0550	0.0100				3		0	
714.99	Myristic Acid (14:0 ) , Miscellaneous (%) (w/w))	0910	0.5550	0.0100				3		2	

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716.01	Palmitic Acid (16:0), Direct Methylation by Alkali Hydrolysis:	0918	2.010	0.0600				1		0	
716.99	Palmitic Acid (16:0), Miscellaneous (% (w/w))	0171	1.615	0.0500				3		0	
716.99	Palmitic Acid (16:0), Miscellaneous (% (w/w))	0164	2.010	0.0200				3		0	
716.99	Palmitic Acid (16:0), Miscellaneous (% (w/w))	0226	2.114	0.0433				3		0	
716.99	Palmitic Acid (16:0), Miscellaneous (% (w/w))	0910	21.70	0.2400				3		2	
718.01	Palmitoleic Acid (9c-16:1), Direct Methylation by Alkali Hyc	0918	0.4450	0.0100				1		0	
718.99	Palmitoleic Acid (9c-16:1), Miscellaneous (% (w/w))	0171	0.3450	0.0100	0.4036	0.0401	0.0066	4		0	
718.99	Palmitoleic Acid (9c-16:1), Miscellaneous (% (w/w))	0164	0.4150	0.0100	0.4036	0.0401	0.0066	4		0	
718.99	Palmitoleic Acid (9c-16:1), Miscellaneous (% (w/w))	0676	0.4190	0.0000	0.4036	0.0401	0.0066	4		0	
718.99	Palmitoleic Acid (9c-16:1), Miscellaneous (% (w/w))	0226	0.4355	0.0062	0.4036	0.0401	0.0066	4		0	
718.99	Palmitoleic Acid (9c-16:1), Miscellaneous (% (w/w))	0910	5.340	0.0600	0.4036	0.0401	0.0066	4		2	
720.01	Margaric acid (17:0), Direct Methylation by Alkali Hydrolys	0918	< 0.05					0		5	
720.99	Margaric acid (17:0), Miscellaneous (% (w/w))	0171	0.0100	0.0000				1		0	
720.99	Margaric acid (17:0), Miscellaneous (% (w/w))	0164	< 0.02					1		5	
722.01	Stearic Acid (18:0), Direct Methylation by Alkali Hydrolysis	0918	0.5850	0.0300				1		0	
722.99	Stearic Acid (18:0), Miscellaneous (% (w/w))	0171	0.4400	0.0200				3		0	
722.99	Stearic Acid (18:0), Miscellaneous (% (w/w))	0164	0.6350	0.0100				3		0	
722.99	Stearic Acid (18:0), Miscellaneous (% (w/w))	0226	0.6836	0.0254				3		0	
722.99	Stearic Acid (18:0), Miscellaneous (% (w/w))	0910	5.950	0.0000				3		2	
724.01	Oleic Acid (9c-18:1), Direct Methylation by Alkali Hydrolysi	0918	3.140	0.1200				1		0	
724.99	Oleic Acid (9c-18:1), Miscellaneous (% (w/w))	0171	2.865	0.0500				3		0	
724.99	Oleic Acid (9c-18:1), Miscellaneous (% (w/w))	0164	2.935	0.0100				3		0	
724.99	Oleic Acid (9c-18:1), Miscellaneous (% (w/w))	0226	3.165	0.0370				3		0	
724.99	Oleic Acid (9c-18:1), Miscellaneous (% (w/w))	0910	35.35	0.0000				3		2	
726.01	Linoleic Acid (9c,12c-18:2), Direct Methylation by Alkali Hy	0918	2.555	0.1300				1		0	
726.02	Linoleic Acid (9c,12c-18:2), Direct Methylation by Acid-Alk	0148	2.435	0.0300				1		0	
726.99	Linoleic Acid (9c,12c-18:2), Miscellaneous (% (w/w))	0171	2.175	0.0300	2.625	0.2744	0.0314	5		0	
726.99	Linoleic Acid (9c,12c-18:2), Miscellaneous (% (w/w))	0164	2.565	0.0100	2.625	0.2744	0.0314	5		0	
726.99	Linoleic Acid (9c,12c-18:2), Miscellaneous (% (w/w))	0676	2.748	0.0070	2.625	0.2744	0.0314	5		0	
726.99	Linoleic Acid (9c,12c-18:2), Miscellaneous (% (w/w))	0226	2.775	0.0001	2.625	0.2744	0.0314	5		0	
726.99	Linoleic Acid (9c,12c-18:2), Miscellaneous (% (w/w))	0610	2.865	0.1100	2.625	0.2744	0.0314	5		0	
726.99	Linoleic Acid (9c,12c-18:2), Miscellaneous (% (w/w))	0910	24.49	0.4000	2.625	0.2744	0.0314	5		1	
728.01	alpha-Linolenic Acid (9c,12c,15c-18:3), Direct Methylation	0918	0.1100	0.0000				1		0	
728.99	alpha-Linolenic Acid (9c,12c,15c-18:3), Miscellaneous (%	0171	0.0750	0.0100	0.1029	0.0176	0.0026	5		0	
728.99	alpha-Linolenic Acid (9c,12c,15c-18:3), Miscellaneous (%	0941	0.0965	0.0010	0.1029	0.0176	0.0026	5		0	
728.99	alpha-Linolenic Acid (9c,12c,15c-18:3), Miscellaneous (%	0164	0.1100	0.0000	0.1029	0.0176	0.0026	5		0	
728.99	alpha-Linolenic Acid (9c,12c,15c-18:3), Miscellaneous (%	0676	0.1160	0.0020	0.1029	0.0176	0.0026	5		0	
728.99	alpha-Linolenic Acid (9c,12c,15c-18:3), Miscellaneous (%	0226	0.1171	0.0001	0.1029	0.0176	0.0026	5		0	
728.99	alpha-Linolenic Acid (9c,12c,15c-18:3), Miscellaneous (%	0910	1.195	0.0300	0.1029	0.0176	0.0026	5		1	
730.99	Arachidic Acid (20:0), Miscellaneous (% (w/w))	0171	0.0100	0.0000				3		0	
730.99	Arachidic Acid (20:0), Miscellaneous (% (w/w))	0164	0.0200	0.0000				3		0	
730.99	Arachidic Acid (20:0), Miscellaneous (% (w/w))	0226	0.0232	0.0000				3		0	

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
730.99	Arachidic Acid (20:0), Miscellaneous (% (w/w))	0910	0.1800	0.0200				3		2	
732.99	Gondoic Acid (11c-20:1), Miscellaneous (% (w/w))	0171	0.0200	0.0000				3		0	
732.99	Gondoic Acid (11c-20:1), Miscellaneous (% (w/w))	0164	0.0300	0.0000				3		0	
732.99	Gondoic Acid (11c-20:1), Miscellaneous (% (w/w))	0226	0.0324	0.0004				3		0	
736.99	Arachidonic Acid (5c,8c,11c,14c-20:4), Miscellaneous (% (w/w))	0171	0.0200	0.0000				3		0	
736.99	Arachidonic Acid (5c,8c,11c,14c-20:4), Miscellaneous (% (w/w))	0164	0.0500	0.0000				3		0	
736.99	Arachidonic Acid (5c,8c,11c,14c-20:4), Miscellaneous (% (w/w))	0676	0.0530	0.0000				3		0	
736.99	Arachidonic Acid (5c,8c,11c,14c-20:4), Miscellaneous (% (w/w))	0910	0.3500	0.0400				3		2	
738.99	Mead Acid (11c,14c,17c-20:3), Miscellaneous (% (w/w))	0171	0.0100	0.0000				1		0	
740.99	Eicosapentaenoic Acid EPA (5c,8c,11c,14c,17c-20:5), Miscellaneous (% (w/w))	0226	0.0095	0.0002				3		0	
740.99	Eicosapentaenoic Acid EPA (5c,8c,11c,14c,17c-20:5), Miscellaneous (% (w/w))	0676	0.0095	0.0010				3		0	
740.99	Eicosapentaenoic Acid EPA (5c,8c,11c,14c,17c-20:5), Miscellaneous (% (w/w))	0171	0.0100	0.0000				3		0	
740.99	Eicosapentaenoic Acid EPA (5c,8c,11c,14c,17c-20:5), Miscellaneous (% (w/w))	0910	0.0900	0.0200				3		2	
740.99	Eicosapentaenoic Acid EPA (5c,8c,11c,14c,17c-20:5), Miscellaneous (% (w/w))	0164	< 0.02					3		5	
742.99	Behenic Acid (22:0), Miscellaneous (% (w/w))	0171	0.0100	0.0000				3		0	
742.99	Behenic Acid (22:0), Miscellaneous (% (w/w))	0226	0.0141	0.0005				3		0	
742.99	Behenic Acid (22:0), Miscellaneous (% (w/w))	0910	0.0950	0.0100				3		0	
742.99	Behenic Acid (22:0), Miscellaneous (% (w/w))	0164	< 0.02					3		5	
744.99	Erucic Acid (13c-22:1), Miscellaneous (% (w/w))	0171	0.0000	0.0000				0		4	
744.99	Erucic Acid (13c-22:1), Miscellaneous (% (w/w))	0226	< 0.005					0		5	
744.99	Erucic Acid (13c-22:1), Miscellaneous (% (w/w))	0164	< 0.02					0		5	
744.99	Erucic Acid (13c-22:1), Miscellaneous (% (w/w))	0910	< 0.05					0		5	
746.99	Docosapentaenoic Acid n-3 DPA (7c,10c,13c,16c,19c-22:5), Miscellaneous (% (w/w))	0226	0.0058	0.0001				2		0	
746.99	Docosapentaenoic Acid n-3 DPA (7c,10c,13c,16c,19c-22:5), Miscellaneous (% (w/w))	0676	0.0060	0.0000				2		0	
746.99	Docosapentaenoic Acid n-3 DPA (7c,10c,13c,16c,19c-22:5), Miscellaneous (% (w/w))	0171	0.0000	0.0000				2		4	
746.99	Docosapentaenoic Acid n-3 DPA (7c,10c,13c,16c,19c-22:5), Miscellaneous (% (w/w))	0164	< 0.02					2		5	
746.99	Docosapentaenoic Acid n-3 DPA (7c,10c,13c,16c,19c-22:5), Miscellaneous (% (w/w))	0910	< 0.05					2		5	
748.99	Lignoceric Acid (24:0), Miscellaneous (% (w/w))	0171	0.0100	0.0000				3		0	
748.99	Lignoceric Acid (24:0), Miscellaneous (% (w/w))	0226	0.0152	0.0005				3		0	
748.99	Lignoceric Acid (24:0), Miscellaneous (% (w/w))	0164	0.0200	0.0000				3		0	
748.99	Lignoceric Acid (24:0), Miscellaneous (% (w/w))	0910	0.0950	0.0100				3		2	
750.99	Docosahexaenoic Acid DHA (4c,7c,10c,13c,16c,19c-22:6), Miscellaneous (% (w/w))	0171	0.0100	0.0000				3		0	
750.99	Docosahexaenoic Acid DHA (4c,7c,10c,13c,16c,19c-22:6), Miscellaneous (% (w/w))	0676	0.0100	0.0000				3		0	
750.99	Docosahexaenoic Acid DHA (4c,7c,10c,13c,16c,19c-22:6), Miscellaneous (% (w/w))	0226	0.0106	0.0003				3		0	
750.99	Docosahexaenoic Acid DHA (4c,7c,10c,13c,16c,19c-22:6), Miscellaneous (% (w/w))	0910	0.0900	0.0200				3		2	
750.99	Docosahexaenoic Acid DHA (4c,7c,10c,13c,16c,19c-22:6), Miscellaneous (% (w/w))	0164	< 0.02					3		5	
752.99	Nervonic Acid (24:1) isomers, Miscellaneous (% (w/w))	0226	0.0054	0.0006				2		0	
752.99	Nervonic Acid (24:1) isomers, Miscellaneous (% (w/w))	0171	0.0100	0.0000				2		0	
752.99	Nervonic Acid (24:1) isomers, Miscellaneous (% (w/w))	0164	< 0.02					2		5	
754.01	Total n-3 Polyunsaturated (Omega-3) Fatty Acids, Direct Method	0918	0.1100	0.0000				1		0	
754.02	Total n-3 Polyunsaturated (Omega-3) Fatty Acids, Direct Method	0148	0.1450	0.0080				1		0	
754.99	Total n-3 Polyunsaturated (Omega-3) Fatty Acids, Miscellaneous	0171	0.0750	0.0100				3		0	

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
754.99	Total n-3 Polyunsaturated (Omega-3) Fatty Acids, Miscell:	0676	0.1420	0.0020				3		0	
754.99	Total n-3 Polyunsaturated (Omega-3) Fatty Acids, Miscell:	0164	7.070	13.86				3		0	
756.01	Total n-6 Polyunsaturated (Omega-6) Fatty Acids, Direct M	0148	2.510	0.0200				2		0	
756.01	Total n-6 Polyunsaturated (Omega-6) Fatty Acids, Direct M	0918	2.555	0.1300				2		0	
756.99	Total n-6 Polyunsaturated (Omega-6) Fatty Acids, Miscell:	0171	2.220	0.0400				3		0	
756.99	Total n-6 Polyunsaturated (Omega-6) Fatty Acids, Miscell:	0164	2.680	0.0000				3		0	
756.99	Total n-6 Polyunsaturated (Omega-6) Fatty Acids, Miscell:	0676	2.838	0.0080				3		0	
758.01	Total Saturated Fatty Acids, Direct Methylation by Alkali H	0918	2.700	0.1000				1		0	
758.99	Total Saturated Fatty Acids, Miscellaneous (% (w/w))	2360	2.085	0.0100				3		0	
758.99	Total Saturated Fatty Acids, Miscellaneous (% (w/w))	0171	2.105	0.0700				3		0	
758.99	Total Saturated Fatty Acids, Miscellaneous (% (w/w))	0164	2.775	0.0300				3		0	
758.99	Total Saturated Fatty Acids, Miscellaneous (% (w/w))	0910	28.85	0.2500				3		2	
762.01	Total Monounsaturated Fatty Acids, Direct Methylation by	0918	3.765	0.1500				1		0	
762.99	Total Monounsaturated Fatty Acids, Miscellaneous (% (w	2360	2.905	0.0100				3		0	
762.99	Total Monounsaturated Fatty Acids, Miscellaneous (% (w	0171	3.245	0.0500				3		0	
762.99	Total Monounsaturated Fatty Acids, Miscellaneous (% (w	0910	41.35	0.1600				3		0	
764.99	Total cis Monounsaturated Fatty Acids, Miscellaneous (%	0164	3.615	0.0100				1		0	
766.01	Total Polyunsaturated Fatty Acids, Direct Methylation by A	0918	2.665	0.1300				1		0	
766.99	Total Polyunsaturated Fatty Acids, Miscellaneous (% (w/v	2360	1.860	0.0200				3		0	
766.99	Total Polyunsaturated Fatty Acids, Miscellaneous (% (w/v	0171	2.300	0.0200				3		0	
766.99	Total Polyunsaturated Fatty Acids, Miscellaneous (% (w/v	0910	26.37	0.4800				3		0	
768.99	Total cis Polyunsaturated Fatty Acids, Miscellaneous (% (	0164	2.830	0.0000				1		0	
770.99	Total Fat (equivalent to NLEA), Miscellaneous (% (w/w))	0164	9.700	0.0400				1		0	
772.01	Total Fatty Acids, Direct Methylation by Alkali Hydrolysis &	0918	9.135	0.3700				1		0	
772.99	Total Fatty Acids, Miscellaneous (% (w/w))	0171	7.655	0.1500				3		0	
772.99	Total Fatty Acids, Miscellaneous (% (w/w))	0164	9.270	0.0400				3		0	
772.99	Total Fatty Acids, Miscellaneous (% (w/w))	0226	9.467	0.1112				3		0	

Notes: Interpreting Z Scores: Red indicates a normally distributed Z value >3 or <-3 (requires action), Orange = Z between 2 and 3 or -2 and -3 (warning) and Green = Z < 2 and >-2 (OK at 95%). Flags indicate data usage: 0 = Used, 1 = Rejected for duplicates too far apart, 2 = Rejected as outlier, 5 = A reporting limit and 4 = zeros submitted as values. 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). Flag 3 indicates not used in statistics.