



AAFCO
Proficiency Testing Program



Animal Feed Scheme

Beef Feed, Medicated

Test Material Code # 202123

Method Proficiency Testing Report

Labs Reporting: 175

Methods Reported 415

Issue Date : 04/30/2021

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	0.1500	0.1000				1			0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	2073	9.860	0.0400	10.14	0.2265	0.0736	5			0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0027	9.936	0.0280	10.14	0.2265	0.0736	5			0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0504	10.23	0.0700	10.14	0.2265	0.0736	5			0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0169	10.27	0.0700	10.14	0.2265	0.0736	5			0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0309	10.39	0.1600	10.14	0.2265	0.0736	5			0
001.03	Loss on Drying, Low temp. methods (%)	0619	10.30	0.0000				2			0
001.03	Loss on Drying, Low temp. methods (%)	0843	10.51	0.1700				2			0
001.05	Loss on Drying, LECO (%)	0644	10.23	0.0730				1			0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0019	9.000	0.4000	10.21	0.2336	0.0920	45	-5.18	6%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0015	9.590	0.2600	10.21	0.2336	0.0920	45	-2.65	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0345	9.745	0.0700	10.21	0.2336	0.0920	45	-1.99	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0643	9.800	0.0000	10.21	0.2336	0.0920	45	-1.75	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2009	9.824	0.0486	10.21	0.2336	0.0920	45	-1.65	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0027	9.911	0.0070	10.21	0.2336	0.0920	45	-1.28	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0297	9.925	0.3300	10.21	0.2336	0.0920	45	-1.22	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2146	9.965	0.0100	10.21	0.2336	0.0920	45	-1.05	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0038	10.01	0.0500	10.21	0.2336	0.0920	45	-0.87	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0683	10.03	0.0200	10.21	0.2336	0.0920	45	-0.77	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0505	10.07	0.0500	10.21	0.2336	0.0920	45	-0.62	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0278	10.08	0.2200	10.21	0.2336	0.0920	45	-0.55	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0035	10.10	0.0200	10.21	0.2336	0.0920	45	-0.47	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0853	10.10	0.0000	10.21	0.2336	0.0920	45	-0.47	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0512	10.11	0.3490	10.21	0.2336	0.0920	45	-0.44	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0171	10.15	0.0300	10.21	0.2336	0.0920	45	-0.28	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0638	10.15	0.3000	10.21	0.2336	0.0920	45	-0.25	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2345	10.17	0.3100	10.21	0.2336	0.0920	45	-0.19	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0066	10.17	0.0800	10.21	0.2336	0.0920	45	-0.17	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0142	10.19	0.0700	10.21	0.2336	0.0920	45	-0.10	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2192	10.19	0.0200	10.21	0.2336	0.0920	45	-0.08	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2190	10.20	0.1300	10.21	0.2336	0.0920	45	-0.06	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0083	10.21	0.0700	10.21	0.2336	0.0920	45	-0.02	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0089	10.25	0.0100	10.21	0.2336	0.0920	45	0.15	0%	0

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001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2259	10.25	0.1530	10.21	0.2336	0.0920	45	0.18	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0028	10.26	0.0300	10.21	0.2336	0.0920	45	0.20	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0003	10.28	0.1500	10.21	0.2336	0.0920	45	0.28	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0650	10.31	0.0000	10.21	0.2336	0.0920	45	0.43	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0049	10.34	0.1100	10.21	0.2336	0.0920	45	0.54	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0353	10.34	0.0100	10.21	0.2336	0.0920	45	0.54	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0682	10.34	0.0000	10.21	0.2336	0.0920	45	0.56	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0675	10.35	0.2700	10.21	0.2336	0.0920	45	0.58	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0876	10.35	0.1000	10.21	0.2336	0.0920	45	0.60	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0571	10.36	0.0400	10.21	0.2336	0.0920	45	0.64	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0693	10.36	0.0350	10.21	0.2336	0.0920	45	0.66	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0581	10.37	0.0200	10.21	0.2336	0.0920	45	0.69	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0407	10.38	0.0276	10.21	0.2336	0.0920	45	0.73	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0033	10.40	0.0000	10.21	0.2336	0.0920	45	0.82	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0226	10.43	0.0100	10.21	0.2336	0.0920	45	0.92	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0199	10.44	0.0300	10.21	0.2336	0.0920	45	0.97	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0689	10.50	0.0000	10.21	0.2336	0.0920	45	1.24	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0843	10.51	0.1700	10.21	0.2336	0.0920	45	1.27	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0098	10.55	0.0900	10.21	0.2336	0.0920	45	1.44	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0045	10.55	0.0000	10.21	0.2336	0.0920	45	1.46	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0148	10.65	0.0400	10.21	0.2336	0.0920	45	1.89	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0034	9.517	0.5570	10.21	0.2336	0.0920	45	-2.97	3%	1
001.99	Loss on Drying, Miscellaneous (%)	0852	7.900	0.2000	9.943	0.5970	0.1286	20	-3.42	10%	0
001.99	Loss on Drying, Miscellaneous (%)	0618	8.300	0.1800	9.943	0.5970	0.1286	20	-2.75	8%	0
001.99	Loss on Drying, Miscellaneous (%)	0536	8.760	0.0600	9.943	0.5970	0.1286	20	-1.98	6%	0
001.99	Loss on Drying, Miscellaneous (%)	2268	9.255	0.1100	9.943	0.5970	0.1286	20	-1.15	3%	0
001.99	Loss on Drying, Miscellaneous (%)	2081	9.590	0.3200	9.943	0.5970	0.1286	20	-0.59	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0889	9.760	0.0800	9.943	0.5970	0.1286	20	-0.31	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0720	9.800	0.0400	9.943	0.5970	0.1286	20	-0.24	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0912	9.870	0.4000	9.943	0.5970	0.1286	20	-0.12	0%	0
001.99	Loss on Drying, Miscellaneous (%)	0948	9.950	0.0000	9.943	0.5970	0.1286	20	0.01	0%	0
001.99	Loss on Drying, Miscellaneous (%)	0610	10.06	0.0500	9.943	0.5970	0.1286	20	0.19	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0186	10.08	0.0700	9.943	0.5970	0.1286	20	0.22	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0560	10.15	0.7000	9.943	0.5970	0.1286	20	0.35	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0019	10.16	0.0100	9.943	0.5970	0.1286	20	0.35	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0510	10.20	0.0000	9.943	0.5970	0.1286	20	0.43	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0918	10.23	0.1200	9.943	0.5970	0.1286	20	0.48	1%	0
001.99	Loss on Drying, Miscellaneous (%)	2319	10.25	0.1000	9.943	0.5970	0.1286	20	0.51	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0037	10.39	0.0800	9.943	0.5970	0.1286	20	0.75	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0662	10.45	0.0188	9.943	0.5970	0.1286	20	0.84	3%	0
001.99	Loss on Drying, Miscellaneous (%)	0357	10.71	0.0336	9.943	0.5970	0.1286	20	1.29	4%	0
001.99	Loss on Drying, Miscellaneous (%)	0676	10.87	0.0000	9.943	0.5970	0.1286	20	1.55	5%	0

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001.99	Loss on Drying, Miscellaneous (%)	2155	9.455	1.530	9.943	0.5970	0.1286	20	-0.82	2%	1
002.00	Protein, Crude, Crude (%)	0169	14.63	0.2000				2			0
002.00	Protein, Crude, Crude (%)	2345	14.76	0.2300				2			0
002.01	Protein, Crude, Auto Kjell-Foss (%)	2322	14.31	0.0500	14.62	0.2009	0.0641	17	-1.56	1%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	0199	14.36	0.0300	14.62	0.2009	0.0641	17	-1.32	1%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	2259	14.41	0.0490	14.62	0.2009	0.0641	17	-1.04	1%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	0860	14.46	0.0000	14.62	0.2009	0.0641	17	-0.81	1%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	0968	14.54	0.0600	14.62	0.2009	0.0641	17	-0.39	0%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	2196	14.55	0.0000	14.62	0.2009	0.0641	17	-0.34	0%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	2188	14.58	0.0100	14.62	0.2009	0.0641	17	-0.22	0%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	0685	14.60	0.0100	14.62	0.2009	0.0641	17	-0.12	0%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	0652	14.60	0.0000	14.62	0.2009	0.0641	17	-0.10	0%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	0653	14.65	0.1100	14.62	0.2009	0.0641	17	0.13	0%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	2325	14.65	0.1100	14.62	0.2009	0.0641	17	0.13	0%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	0870	14.66	0.0800	14.62	0.2009	0.0641	17	0.21	0%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	0610	14.75	0.1000	14.62	0.2009	0.0641	17	0.65	0%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	0164	14.79	0.1900	14.62	0.2009	0.0641	17	0.83	1%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	2193	14.82	0.0600	14.62	0.2009	0.0641	17	1.00	1%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	0674	14.90	0.0000	14.62	0.2009	0.0641	17	1.40	1%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	0889	15.06	0.2300	14.62	0.2009	0.0641	17	2.17	1%	0
002.02	Protein, Crude, Semiauto Autoanalyzer (%)	0066	14.75	0.0500				2			0
002.02	Protein, Crude, Semiauto Autoanalyzer (%)	0036	14.84	0.0470				2			0
002.04	Protein, Crude, Copper Catalyst (%)	0504	14.62	0.1200				2			0
002.04	Protein, Crude, Copper Catalyst (%)	0638	14.70	0.2000				2			0
002.05	Protein, Crude, Copper, Boric Acid (%)	0581	13.40	0.0000	14.58	0.1737	0.1081	24	-6.82	4%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0689	14.35	0.3000	14.58	0.1737	0.1081	24	-1.35	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0852	14.36	0.1800	14.58	0.1737	0.1081	24	-1.29	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2009	14.36	0.0176	14.58	0.1737	0.1081	24	-1.28	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0939	14.42	0.4600	14.58	0.1737	0.1081	24	-0.95	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0683	14.43	0.2600	14.58	0.1737	0.1081	24	-0.89	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2006	14.50	0.2100	14.58	0.1737	0.1081	24	-0.52	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2073	14.54	0.0300	14.58	0.1737	0.1081	24	-0.29	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0675	14.57	0.0500	14.58	0.1737	0.1081	24	-0.11	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2146	14.57	0.0500	14.58	0.1737	0.1081	24	-0.11	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2022	14.58	0.1200	14.58	0.1737	0.1081	24	-0.03	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2181	14.59	0.1500	14.58	0.1737	0.1081	24	0.00	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2340	14.62	0.0150	14.58	0.1737	0.1081	24	0.19	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0885	14.62	0.0072	14.58	0.1737	0.1081	24	0.22	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0881	14.63	0.0130	14.58	0.1737	0.1081	24	0.25	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0619	14.65	0.1000	14.58	0.1737	0.1081	24	0.38	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2337	14.65	0.0200	14.58	0.1737	0.1081	24	0.38	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0354	14.66	0.0200	14.58	0.1737	0.1081	24	0.43	0%	0

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002.05	Protein, Crude, Copper, Boric Acid (%)	0536	14.66	0.0600	14.58	0.1737	0.1081	24	0.43	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0948	14.74	0.0100	14.58	0.1737	0.1081	24	0.86	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0651	14.77	0.0608	14.58	0.1737	0.1081	24	1.06	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2190	14.78	0.0600	14.58	0.1737	0.1081	24	1.12	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2192	14.87	0.0000	14.58	0.1737	0.1081	24	1.64	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2199	15.20	0.4000	14.58	0.1737	0.1081	24	3.54	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0529	14.18	0.6200	14.73	0.2698	0.1456	111	-2.05	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0539	14.23	0.2000	14.73	0.2698	0.1456	111	-1.86	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0294	14.25	0.1000	14.73	0.2698	0.1456	111	-1.79	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2326	14.25	0.0000	14.73	0.2698	0.1456	111	-1.79	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0028	14.30	0.5600	14.73	0.2698	0.1456	111	-1.60	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0505	14.30	0.1600	14.73	0.2698	0.1456	111	-1.60	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0144	14.31	0.4400	14.73	0.2698	0.1456	111	-1.56	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0693	14.31	0.2500	14.73	0.2698	0.1456	111	-1.55	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0650	14.33	0.0000	14.73	0.2698	0.1456	111	-1.49	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0263	14.33	0.0800	14.73	0.2698	0.1456	111	-1.48	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0884	14.35	0.3000	14.73	0.2698	0.1456	111	-1.41	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0876	14.40	0.2000	14.73	0.2698	0.1456	111	-1.23	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0015	14.42	0.1100	14.73	0.2698	0.1456	111	-1.17	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0918	14.42	0.0700	14.73	0.2698	0.1456	111	-1.17	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0038	14.42	0.1000	14.73	0.2698	0.1456	111	-1.16	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0682	14.46	0.0000	14.73	0.2698	0.1456	111	-1.01	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0676	14.47	0.0600	14.73	0.2698	0.1456	111	-0.97	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0027	14.49	0.1680	14.73	0.2698	0.1456	111	-0.90	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0034	14.50	0.0250	14.73	0.2698	0.1456	111	-0.87	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2129	14.50	0.1000	14.73	0.2698	0.1456	111	-0.86	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0968	14.52	0.0200	14.73	0.2698	0.1456	111	-0.78	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0598	14.53	0.3100	14.73	0.2698	0.1456	111	-0.77	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0953	14.54	0.3300	14.73	0.2698	0.1456	111	-0.73	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0687	14.54	0.1800	14.73	0.2698	0.1456	111	-0.71	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0510	14.55	0.1000	14.73	0.2698	0.1456	111	-0.67	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0939	14.55	0.1000	14.73	0.2698	0.1456	111	-0.67	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0956	14.55	0.1000	14.73	0.2698	0.1456	111	-0.67	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2184	14.56	0.0300	14.73	0.2698	0.1456	111	-0.66	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0354	14.56	0.0400	14.73	0.2698	0.1456	111	-0.64	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2168	14.56	0.1000	14.73	0.2698	0.1456	111	-0.64	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0345	14.57	0.6600	14.73	0.2698	0.1456	111	-0.60	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0358	14.58	0.4700	14.73	0.2698	0.1456	111	-0.58	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0357	14.59	0.1875	14.73	0.2698	0.1456	111	-0.51	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0033	14.60	0.4000	14.73	0.2698	0.1456	111	-0.49	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0123	14.61	0.0800	14.73	0.2698	0.1456	111	-0.45	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0546	14.61	0.0800	14.73	0.2698	0.1456	111	-0.45	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 (%)	0171	14.62	0.0300	14.73	0.2698	0.1456	111	-0.43	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0226	14.62	0.0600	14.73	0.2698	0.1456	111	-0.41	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0164	14.63	0.1300	14.73	0.2698	0.1456	111	-0.40	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0148	14.63	0.0860	14.73	0.2698	0.1456	111	-0.38	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2081	14.63	0.0200	14.73	0.2698	0.1456	111	-0.38	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0014	14.65	0.1000	14.73	0.2698	0.1456	111	-0.30	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0425	14.66	0.0700	14.73	0.2698	0.1456	111	-0.28	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0948	14.66	0.0000	14.73	0.2698	0.1456	111	-0.27	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2268	14.66	0.0600	14.73	0.2698	0.1456	111	-0.27	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0859	14.66	0.1170	14.73	0.2698	0.1456	111	-0.26	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0574	14.68	0.0700	14.73	0.2698	0.1456	111	-0.21	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0019	14.68	0.1600	14.73	0.2698	0.1456	111	-0.19	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0202	14.68	0.3800	14.73	0.2698	0.1456	111	-0.19	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0045	14.70	0.0000	14.73	0.2698	0.1456	111	-0.12	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0098	14.70	0.0000	14.73	0.2698	0.1456	111	-0.12	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2319	14.70	0.0000	14.73	0.2698	0.1456	111	-0.12	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0353	14.71	0.0100	14.73	0.2698	0.1456	111	-0.10	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0242	14.72	0.2200	14.73	0.2698	0.1456	111	-0.04	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2174	14.72	0.0600	14.73	0.2698	0.1456	111	-0.04	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0610	14.73	0.2500	14.73	0.2698	0.1456	111	-0.02	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0626	14.73	0.1340	14.73	0.2698	0.1456	111	0.01	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0870	14.74	0.0388	14.73	0.2698	0.1456	111	0.05	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0010	14.75	0.3000	14.73	0.2698	0.1456	111	0.07	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0265	14.75	0.1000	14.73	0.2698	0.1456	111	0.07	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0589	14.75	0.3600	14.73	0.2698	0.1456	111	0.07	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0619	14.75	0.1000	14.73	0.2698	0.1456	111	0.07	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0199	14.76	0.0300	14.73	0.2698	0.1456	111	0.09	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0644	14.76	0.0490	14.73	0.2698	0.1456	111	0.11	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0142	14.77	0.0000	14.73	0.2698	0.1456	111	0.14	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0049	14.78	0.1500	14.73	0.2698	0.1456	111	0.16	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0035	14.78	0.3200	14.73	0.2698	0.1456	111	0.18	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0017	14.80	0.0000	14.73	0.2698	0.1456	111	0.25	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0100	14.80	0.0200	14.73	0.2698	0.1456	111	0.25	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0208	14.80	0.0000	14.73	0.2698	0.1456	111	0.25	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0297	14.80	0.0400	14.73	0.2698	0.1456	111	0.25	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0309	14.80	0.1750	14.73	0.2698	0.1456	111	0.27	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0848	14.81	0.1300	14.73	0.2698	0.1456	111	0.27	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2303	14.83	0.0700	14.73	0.2698	0.1456	111	0.35	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0009	14.84	0.1100	14.73	0.2698	0.1456	111	0.38	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0278	14.85	0.1000	14.73	0.2698	0.1456	111	0.44	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0003	14.86	0.2900	14.73	0.2698	0.1456	111	0.46	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2150	14.86	0.4500	14.73	0.2698	0.1456	111	0.46	0%	0

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002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0036	14.89	0.0800	14.73	0.2698	0.1456	111	0.59	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0675	14.89	0.0400	14.73	0.2698	0.1456	111	0.59	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0175	14.90	0.0000	14.73	0.2698	0.1456	111	0.62	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0004	14.91	0.1800	14.73	0.2698	0.1456	111	0.66	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0511	14.93	0.1900	14.73	0.2698	0.1456	111	0.72	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0553	14.93	0.1100	14.73	0.2698	0.1456	111	0.72	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0407	14.93	0.2590	14.73	0.2698	0.1456	111	0.73	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0037	14.93	0.2200	14.73	0.2698	0.1456	111	0.73	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0508	14.93	0.3170	14.73	0.2698	0.1456	111	0.74	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0089	14.94	0.0100	14.73	0.2698	0.1456	111	0.75	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0108	14.96	0.3400	14.73	0.2698	0.1456	111	0.85	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0229	14.98	0.3700	14.73	0.2698	0.1456	111	0.90	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0571	14.98	0.0500	14.73	0.2698	0.1456	111	0.90	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2089	14.98	0.1800	14.73	0.2698	0.1456	111	0.92	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0618	15.00	0.0210	14.73	0.2698	0.1456	111	1.00	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0001	15.02	0.0500	14.73	0.2698	0.1456	111	1.05	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0083	15.02	0.0700	14.73	0.2698	0.1456	111	1.05	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0541	15.03	0.1000	14.73	0.2698	0.1456	111	1.11	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0042	15.05	0.1000	14.73	0.2698	0.1456	111	1.18	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0720	15.05	0.1000	14.73	0.2698	0.1456	111	1.18	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0186	15.07	0.2500	14.73	0.2698	0.1456	111	1.24	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0018	15.09	0.1200	14.73	0.2698	0.1456	111	1.33	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0843	15.09	0.2000	14.73	0.2698	0.1456	111	1.33	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0726	15.10	0.0100	14.73	0.2698	0.1456	111	1.35	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0190	15.12	0.0200	14.73	0.2698	0.1456	111	1.44	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0512	15.14	0.0500	14.73	0.2698	0.1456	111	1.49	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0504	15.15	0.2700	14.73	0.2698	0.1456	111	1.53	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0016	15.20	0.0000	14.73	0.2698	0.1456	111	1.74	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2213	15.36	0.2500	14.73	0.2698	0.1456	111	2.31	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0853	15.40	0.2000	14.73	0.2698	0.1456	111	2.48	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2178	15.53	0.1400	14.73	0.2698	0.1456	111	2.96	3%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0520	15.80	0.0000	14.73	0.2698	0.1456	111	3.96	4%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2155	15.81	0.3490	14.73	0.2698	0.1456	111	3.99	4%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0047	15.20	1.000	14.73	0.2698	0.1456	111	1.74	2%	1
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2076	15.29	1.260	14.73	0.2698	0.1456	111	2.06	2%	1
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0857	15.79	1.620	14.73	0.2698	0.1456	111	3.92	4%	1
002.08	Protein, Crude, Cu/Ti (%)	0563	14.70	0.1459				2			0
002.08	Protein, Crude, Cu/Ti (%)	0098	14.75	0.1100				2			0
002.11	Protein, Crude, NIR (%)	0852	14.16	0.0600	15.13	0.9389	0.0480	5			0
002.11	Protein, Crude, NIR (%)	0889	14.60	0.0900	15.13	0.9389	0.0480	5			0
002.11	Protein, Crude, NIR (%)	0297	14.91	0.0200	15.13	0.9389	0.0480	5			0
002.11	Protein, Crude, NIR (%)	0553	15.38	0.0500	15.13	0.9389	0.0480	5			0

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002.11	Protein, Crude, NIR (%)	0720	16.61	0.0200	15.13	0.9389	0.0480	5			0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0885	2.944	0.0469	3.369	0.1867	0.0789	12	-2.27	6%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2340	3.133	0.0100	3.369	0.1867	0.0789	12	-1.26	4%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2325	3.235	0.0100	3.369	0.1867	0.0789	12	-0.72	2%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2190	3.285	0.1300	3.369	0.1867	0.0789	12	-0.45	1%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2337	3.295	0.0100	3.369	0.1867	0.0789	12	-0.40	1%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0017	3.400	0.2000	3.369	0.1867	0.0789	12	0.17	0%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2192	3.415	0.1900	3.369	0.1867	0.0789	12	0.25	1%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0175	3.445	0.0300	3.369	0.1867	0.0789	12	0.41	1%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0035	3.455	0.1300	3.369	0.1867	0.0789	12	0.46	1%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0653	3.500	0.0000	3.369	0.1867	0.0789	12	0.70	2%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0345	3.540	0.1800	3.369	0.1867	0.0789	12	0.92	3%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0309	3.635	0.0100	3.369	0.1867	0.0789	12	1.43	4%	0
003.01	Fat, Crude, Diethyl Ether Ext (13th ed.), Indirect (%)	0504	2.425	0.1100				3			0
003.01	Fat, Crude, Diethyl Ether Ext (13th ed.), Indirect (%)	0563	3.360	0.0093				3			0
003.01	Fat, Crude, Diethyl Ether Ext (13th ed.), Indirect (%)	0164	3.625	0.0100				3			0
003.06	Fat, Crude, Pet Ether (%)	0682	2.730	0.0000	3.459	0.1502	0.0603	15	-4.85	11%	0
003.06	Fat, Crude, Pet Ether (%)	2181	3.300	0.0200	3.459	0.1502	0.0603	15	-1.06	2%	0
003.06	Fat, Crude, Pet Ether (%)	0918	3.315	0.0300	3.459	0.1502	0.0603	15	-0.96	2%	0
003.06	Fat, Crude, Pet Ether (%)	0425	3.340	0.0400	3.459	0.1502	0.0603	15	-0.79	2%	0
003.06	Fat, Crude, Pet Ether (%)	0297	3.400	0.0000	3.459	0.1502	0.0603	15	-0.39	1%	0
003.06	Fat, Crude, Pet Ether (%)	0674	3.400	0.0000	3.459	0.1502	0.0603	15	-0.39	1%	0
003.06	Fat, Crude, Pet Ether (%)	0199	3.420	0.0600	3.459	0.1502	0.0603	15	-0.26	1%	0
003.06	Fat, Crude, Pet Ether (%)	0644	3.488	0.0440	3.459	0.1502	0.0603	15	0.20	0%	0
003.06	Fat, Crude, Pet Ether (%)	0687	3.500	0.2000	3.459	0.1502	0.0603	15	0.28	1%	0
003.06	Fat, Crude, Pet Ether (%)	0884	3.500	0.2000	3.459	0.1502	0.0603	15	0.28	1%	0
003.06	Fat, Crude, Pet Ether (%)	0169	3.505	0.0500	3.459	0.1502	0.0603	15	0.31	1%	0
003.06	Fat, Crude, Pet Ether (%)	0689	3.550	0.1000	3.459	0.1502	0.0603	15	0.61	1%	0
003.06	Fat, Crude, Pet Ether (%)	0294	3.560	0.0200	3.459	0.1502	0.0603	15	0.68	1%	0
003.06	Fat, Crude, Pet Ether (%)	0651	3.820	0.0012	3.459	0.1502	0.0603	15	2.41	5%	0
003.06	Fat, Crude, Pet Ether (%)	2268	3.870	0.1400	3.459	0.1502	0.0603	15	2.74	6%	0
003.06	Fat, Crude, Pet Ether (%)	0229	3.205	0.5900	3.459	0.1502	0.0603	15	-1.69	4%	1
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0638	3.040	0.0800	3.385	0.2322	0.1538	11	-1.49	5%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0675	3.170	0.0200	3.385	0.2322	0.1538	11	-0.93	3%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0004	3.175	0.4500	3.385	0.2322	0.1538	11	-0.90	3%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0027	3.310	0.0240	3.385	0.2322	0.1538	11	-0.32	1%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0354	3.385	0.0100	3.385	0.2322	0.1538	11	0.00	0%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0948	3.395	0.1700	3.385	0.2322	0.1538	11	0.04	0%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0098	3.425	0.0900	3.385	0.2322	0.1538	11	0.17	1%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0512	3.446	0.0280	3.385	0.2322	0.1538	11	0.26	1%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0685	3.535	0.0100	3.385	0.2322	0.1538	11	0.65	2%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0226	3.620	0.2200	3.385	0.2322	0.1538	11	1.01	3%	0

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003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0353	3.925	0.5900	3.385	0.2322	0.1538	11	2.33	8%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2193	3.010	0.1800	3.296	0.1812	0.0913	28	-1.58	4%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0036	3.034	0.0078	3.296	0.1812	0.0913	28	-1.44	4%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0042	3.050	0.1000	3.296	0.1812	0.0913	28	-1.36	4%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2073	3.095	0.0300	3.296	0.1812	0.0913	28	-1.11	3%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0263	3.108	0.0090	3.296	0.1812	0.0913	28	-1.04	3%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0062	3.145	0.0700	3.296	0.1812	0.0913	28	-0.83	2%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0242	3.175	0.0900	3.296	0.1812	0.0913	28	-0.67	2%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2155	3.185	0.1767	3.296	0.1812	0.0913	28	-0.61	2%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0098	3.205	0.0100	3.296	0.1812	0.0913	28	-0.50	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0720	3.205	0.0100	3.296	0.1812	0.0913	28	-0.50	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0889	3.255	0.9300	3.296	0.1812	0.0913	28	-0.23	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2022	3.260	0.0200	3.296	0.1812	0.0913	28	-0.20	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2196	3.270	0.0000	3.296	0.1812	0.0913	28	-0.14	0%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2184	3.305	0.0300	3.296	0.1812	0.0913	28	0.05	0%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0100	3.320	0.0600	3.296	0.1812	0.0913	28	0.13	0%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0870	3.322	0.0090	3.296	0.1812	0.0913	28	0.14	0%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0693	3.343	0.0230	3.296	0.1812	0.0913	28	0.26	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0045	3.345	0.0700	3.296	0.1812	0.0913	28	0.27	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0619	3.345	0.2500	3.296	0.1812	0.0913	28	0.27	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0689	3.400	0.0000	3.296	0.1812	0.0913	28	0.57	2%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2009	3.404	0.0232	3.296	0.1812	0.0913	28	0.59	2%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0541	3.440	0.1400	3.296	0.1812	0.0913	28	0.79	2%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0148	3.440	0.0200	3.296	0.1812	0.0913	28	0.79	2%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2188	3.445	0.0500	3.296	0.1812	0.0913	28	0.82	2%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2319	3.500	0.0000	3.296	0.1812	0.0913	28	1.13	3%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0881	3.535	0.0670	3.296	0.1812	0.0913	28	1.32	4%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0610	3.735	0.0700	3.296	0.1812	0.0913	28	2.42	7%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2089	3.835	0.1100	3.296	0.1812	0.0913	28	2.97	8%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0618	4.830	1.640	3.296	0.1812	0.0913	28	8.46	23%	1
003.11	Fat, Crude, NIR (%)	0889	3.090	0.0000	3.624	0.5717	0.0225	4			0
003.11	Fat, Crude, NIR (%)	0720	3.170	0.0200	3.624	0.5717	0.0225	4			0
003.11	Fat, Crude, NIR (%)	0852	4.085	0.0500	3.624	0.5717	0.0225	4			0
003.11	Fat, Crude, NIR (%)	0297	4.150	0.0200	3.624	0.5717	0.0225	4			0
003.11	Fat, Crude, NIR (%)	0553	3.760	0.2400	3.624	0.5717	0.0225	4			1
003.12	Fat, Crude, Hexane Ext (%)	0171	2.930	0.0000				3			0
003.12	Fat, Crude, Hexane Ext (%)	2199	3.275	0.0500				3			0
003.12	Fat, Crude, Hexane Ext (%)	2326	3.450	0.4600				3			0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	0033	3.185	0.0100	3.344	0.1021	0.1188	7	-1.55	2%	0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	0208	3.310	0.0200	3.344	0.1021	0.1188	7	-0.33	1%	0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	0870	3.311	0.0517	3.344	0.1021	0.1188	7	-0.32	0%	0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	0028	3.335	0.0700	3.344	0.1021	0.1188	7	-0.09	0%	0

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003.13	Fat, Crude, Randall, Hexane Ext. (%)	0098	3.385	0.4500	3.344	0.1021	0.1188	7	0.40	1%	0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	2006	3.395	0.0700	3.344	0.1021	0.1188	7	0.50	1%	0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	0123	3.480	0.1600	3.344	0.1021	0.1188	7	1.33	2%	0
003.14	Fat, Crude, Ankom (%)	2146	2.035	0.0900	3.208	0.2973	0.1258	54	-3.95	18%	0
003.14	Fat, Crude, Ankom (%)	0574	2.310	0.2000	3.208	0.2973	0.1258	54	-3.02	14%	0
003.14	Fat, Crude, Ankom (%)	0229	2.480	0.7000	3.208	0.2973	0.1258	54	-2.45	11%	0
003.14	Fat, Crude, Ankom (%)	0186	2.655	0.0100	3.208	0.2973	0.1258	54	-1.86	9%	0
003.14	Fat, Crude, Ankom (%)	0505	2.710	0.3200	3.208	0.2973	0.1258	54	-1.68	8%	0
003.14	Fat, Crude, Ankom (%)	0015	2.715	0.2300	3.208	0.2973	0.1258	54	-1.66	8%	0
003.14	Fat, Crude, Ankom (%)	0175	2.790	0.0200	3.208	0.2973	0.1258	54	-1.41	7%	0
003.14	Fat, Crude, Ankom (%)	0876	2.800	0.2000	3.208	0.2973	0.1258	54	-1.37	6%	0
003.14	Fat, Crude, Ankom (%)	0019	2.860	0.2200	3.208	0.2973	0.1258	54	-1.17	5%	0
003.14	Fat, Crude, Ankom (%)	0683	2.865	0.0300	3.208	0.2973	0.1258	54	-1.16	5%	0
003.14	Fat, Crude, Ankom (%)	0108	2.995	0.2900	3.208	0.2973	0.1258	54	-0.72	3%	0
003.14	Fat, Crude, Ankom (%)	2144	3.025	0.0700	3.208	0.2973	0.1258	54	-0.62	3%	0
003.14	Fat, Crude, Ankom (%)	0939	3.040	0.1000	3.208	0.2973	0.1258	54	-0.57	3%	0
003.14	Fat, Crude, Ankom (%)	0300	3.055	0.1500	3.208	0.2973	0.1258	54	-0.52	2%	0
003.14	Fat, Crude, Ankom (%)	0581	3.070	0.0200	3.208	0.2973	0.1258	54	-0.47	2%	0
003.14	Fat, Crude, Ankom (%)	0037	3.075	0.0300	3.208	0.2973	0.1258	54	-0.45	2%	0
003.14	Fat, Crude, Ankom (%)	0265	3.095	0.0100	3.208	0.2973	0.1258	54	-0.38	2%	0
003.14	Fat, Crude, Ankom (%)	0083	3.110	0.0000	3.208	0.2973	0.1258	54	-0.33	2%	0
003.14	Fat, Crude, Ankom (%)	0529	3.120	0.2600	3.208	0.2973	0.1258	54	-0.30	1%	0
003.14	Fat, Crude, Ankom (%)	0956	3.150	0.1000	3.208	0.2973	0.1258	54	-0.20	1%	0
003.14	Fat, Crude, Ankom (%)	0358	3.155	0.1700	3.208	0.2973	0.1258	54	-0.18	1%	0
003.14	Fat, Crude, Ankom (%)	0148	3.165	0.2100	3.208	0.2973	0.1258	54	-0.15	1%	0
003.14	Fat, Crude, Ankom (%)	0675	3.195	0.0300	3.208	0.2973	0.1258	54	-0.05	0%	0
003.14	Fat, Crude, Ankom (%)	0034	3.200	0.3000	3.208	0.2973	0.1258	54	-0.03	0%	0
003.14	Fat, Crude, Ankom (%)	0089	3.205	0.0500	3.208	0.2973	0.1258	54	-0.01	0%	0
003.14	Fat, Crude, Ankom (%)	0009	3.215	0.0500	3.208	0.2973	0.1258	54	0.02	0%	0
003.14	Fat, Crude, Ankom (%)	0912	3.220	0.0400	3.208	0.2973	0.1258	54	0.04	0%	0
003.14	Fat, Crude, Ankom (%)	0202	3.230	0.2000	3.208	0.2973	0.1258	54	0.07	0%	0
003.14	Fat, Crude, Ankom (%)	2129	3.250	0.1000	3.208	0.2973	0.1258	54	0.14	1%	0
003.14	Fat, Crude, Ankom (%)	0511	3.265	0.2500	3.208	0.2973	0.1258	54	0.19	1%	0
003.14	Fat, Crude, Ankom (%)	0066	3.280	0.1800	3.208	0.2973	0.1258	54	0.24	1%	0
003.14	Fat, Crude, Ankom (%)	0035	3.285	0.1100	3.208	0.2973	0.1258	54	0.26	1%	0
003.14	Fat, Crude, Ankom (%)	2076	3.285	0.0086	3.208	0.2973	0.1258	54	0.26	1%	0
003.14	Fat, Crude, Ankom (%)	0144	3.295	0.0500	3.208	0.2973	0.1258	54	0.29	1%	0
003.14	Fat, Crude, Ankom (%)	0357	3.300	0.0000	3.208	0.2973	0.1258	54	0.31	1%	0
003.14	Fat, Crude, Ankom (%)	0001	3.311	0.0580	3.208	0.2973	0.1258	54	0.34	2%	0
003.14	Fat, Crude, Ankom (%)	0948	3.350	0.1400	3.208	0.2973	0.1258	54	0.48	2%	0
003.14	Fat, Crude, Ankom (%)	0407	3.356	0.0392	3.208	0.2973	0.1258	54	0.50	2%	0
003.14	Fat, Crude, Ankom (%)	0563	3.360	0.0093	3.208	0.2973	0.1258	54	0.51	2%	0

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003.14	Fat, Crude, Ankom (%)	0968	3.365	0.1700	3.208	0.2973	0.1258	54	0.53	2%	0
003.14	Fat, Crude, Ankom (%)	0049	3.370	0.2600	3.208	0.2973	0.1258	54	0.54	3%	0
003.14	Fat, Crude, Ankom (%)	0171	3.420	0.0200	3.208	0.2973	0.1258	54	0.71	3%	0
003.14	Fat, Crude, Ankom (%)	0682	3.420	0.0000	3.208	0.2973	0.1258	54	0.71	3%	0
003.14	Fat, Crude, Ankom (%)	0598	3.425	0.0100	3.208	0.2973	0.1258	54	0.73	3%	0
003.14	Fat, Crude, Ankom (%)	0004	3.455	0.4100	3.208	0.2973	0.1258	54	0.83	4%	0
003.14	Fat, Crude, Ankom (%)	0619	3.490	0.1000	3.208	0.2973	0.1258	54	0.95	4%	0
003.14	Fat, Crude, Ankom (%)	0510	3.505	0.0300	3.208	0.2973	0.1258	54	1.00	5%	0
003.14	Fat, Crude, Ankom (%)	0860	3.547	0.0000	3.208	0.2973	0.1258	54	1.14	5%	0
003.14	Fat, Crude, Ankom (%)	0726	3.570	0.0000	3.208	0.2973	0.1258	54	1.22	6%	0
003.14	Fat, Crude, Ankom (%)	0003	3.580	0.2200	3.208	0.2973	0.1258	54	1.25	6%	0
003.14	Fat, Crude, Ankom (%)	0278	3.600	0.4000	3.208	0.2973	0.1258	54	1.32	6%	0
003.14	Fat, Crude, Ankom (%)	0190	3.700	0.0400	3.208	0.2973	0.1258	54	1.65	8%	0
003.14	Fat, Crude, Ankom (%)	2322	3.775	0.0700	3.208	0.2973	0.1258	54	1.91	9%	0
003.14	Fat, Crude, Ankom (%)	0520	3.800	0.0200	3.208	0.2973	0.1258	54	1.99	9%	0
003.14	Fat, Crude, Ankom (%)	0853	3.600	1.000	3.208	0.2973	0.1258	54	1.32	6%	1
003.99	Fat, Crude, Miscellaneous (%)	0546	3.395	0.0300				3			0
003.99	Fat, Crude, Miscellaneous (%)	0536	3.655	0.0500				3			0
003.99	Fat, Crude, Miscellaneous (%)	0941	3.875	0.1300				3			0
004.00	Fiber, Crude, Asbestos Free (%)	0226	2.830	0.0400	3.600	0.2633	0.1053	15	-2.93	11%	0
004.00	Fiber, Crude, Asbestos Free (%)	0171	3.360	0.1400	3.600	0.2633	0.1053	15	-0.91	3%	0
004.00	Fiber, Crude, Asbestos Free (%)	0186	3.370	0.1200	3.600	0.2633	0.1053	15	-0.87	3%	0
004.00	Fiber, Crude, Asbestos Free (%)	2146	3.420	0.0600	3.600	0.2633	0.1053	15	-0.68	3%	0
004.00	Fiber, Crude, Asbestos Free (%)	0309	3.424	0.0059	3.600	0.2633	0.1053	15	-0.67	2%	0
004.00	Fiber, Crude, Asbestos Free (%)	0164	3.450	0.1000	3.600	0.2633	0.1053	15	-0.57	2%	0
004.00	Fiber, Crude, Asbestos Free (%)	0175	3.530	0.0200	3.600	0.2633	0.1053	15	-0.27	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	0208	3.590	0.2800	3.600	0.2633	0.1053	15	-0.04	0%	0
004.00	Fiber, Crude, Asbestos Free (%)	0169	3.600	0.0000	3.600	0.2633	0.1053	15	0.00	0%	0
004.00	Fiber, Crude, Asbestos Free (%)	0017	3.750	0.1000	3.600	0.2633	0.1053	15	0.57	2%	0
004.00	Fiber, Crude, Asbestos Free (%)	0345	3.795	0.0900	3.600	0.2633	0.1053	15	0.74	3%	0
004.00	Fiber, Crude, Asbestos Free (%)	0504	3.795	0.1900	3.600	0.2633	0.1053	15	0.74	3%	0
004.00	Fiber, Crude, Asbestos Free (%)	0425	3.800	0.2000	3.600	0.2633	0.1053	15	0.76	3%	0
004.00	Fiber, Crude, Asbestos Free (%)	2076	3.921	0.2230	3.600	0.2633	0.1053	15	1.22	4%	0
004.00	Fiber, Crude, Asbestos Free (%)	2073	4.085	0.0100	3.600	0.2633	0.1053	15	1.84	7%	0
004.00	Fiber, Crude, Asbestos Free (%)	2326	5.040	0.7600	3.600	0.2633	0.1053	15	5.47	20%	1
004.01	Fiber, Crude, Sing Filt (%)	2144	3.470	0.0200				1			0
004.03	Fiber, Crude, Fritted Glass (%)	0353	3.150	0.1000	3.793	0.6459	0.2100	4			0
004.03	Fiber, Crude, Fritted Glass (%)	2089	3.350	0.4800	3.793	0.6459	0.2100	4			0
004.03	Fiber, Crude, Fritted Glass (%)	2192	4.170	0.2600	3.793	0.6459	0.2100	4			0
004.03	Fiber, Crude, Fritted Glass (%)	0921	4.500	0.0000	3.793	0.6459	0.2100	4			0
004.06	Fiber, Crude, Fibertec (%)	2319	2.950	0.1000	3.631	0.3195	0.1335	21	-2.13	9%	0
004.06	Fiber, Crude, Fibertec (%)	0689	3.200	0.4000	3.631	0.3195	0.1335	21	-1.35	6%	0

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004.06	Fiber, Crude, Fibertec (%)	2006	3.290	0.0400	3.631	0.3195	0.1335	21	-1.07	5%	0
004.06	Fiber, Crude, Fibertec (%)	0674	3.380	0.0000	3.631	0.3195	0.1335	21	-0.79	3%	0
004.06	Fiber, Crude, Fibertec (%)	0881	3.413	0.0210	3.631	0.3195	0.1335	21	-0.68	3%	0
004.06	Fiber, Crude, Fibertec (%)	0098	3.455	0.1500	3.631	0.3195	0.1335	21	-0.55	2%	0
004.06	Fiber, Crude, Fibertec (%)	0948	3.485	0.1100	3.631	0.3195	0.1335	21	-0.46	2%	0
004.06	Fiber, Crude, Fibertec (%)	0918	3.505	0.0900	3.631	0.3195	0.1335	21	-0.39	2%	0
004.06	Fiber, Crude, Fibertec (%)	2022	3.505	0.1100	3.631	0.3195	0.1335	21	-0.39	2%	0
004.06	Fiber, Crude, Fibertec (%)	0968	3.515	0.4100	3.631	0.3195	0.1335	21	-0.36	2%	0
004.06	Fiber, Crude, Fibertec (%)	2325	3.610	0.0800	3.631	0.3195	0.1335	21	-0.07	0%	0
004.06	Fiber, Crude, Fibertec (%)	0610	3.655	0.0900	3.631	0.3195	0.1335	21	0.08	0%	0
004.06	Fiber, Crude, Fibertec (%)	0941	3.670	0.1600	3.631	0.3195	0.1335	21	0.12	1%	0
004.06	Fiber, Crude, Fibertec (%)	0512	3.718	0.1370	3.631	0.3195	0.1335	21	0.27	1%	0
004.06	Fiber, Crude, Fibertec (%)	0027	3.802	0.2510	3.631	0.3195	0.1335	21	0.53	2%	0
004.06	Fiber, Crude, Fibertec (%)	0638	3.845	0.2900	3.631	0.3195	0.1335	21	0.67	3%	0
004.06	Fiber, Crude, Fibertec (%)	0885	3.867	0.0000	3.631	0.3195	0.1335	21	0.74	3%	0
004.06	Fiber, Crude, Fibertec (%)	0199	3.965	0.0300	3.631	0.3195	0.1335	21	1.05	5%	0
004.06	Fiber, Crude, Fibertec (%)	0038	4.000	0.3245	3.631	0.3195	0.1335	21	1.15	5%	0
004.06	Fiber, Crude, Fibertec (%)	2199	4.300	0.0000	3.631	0.3195	0.1335	21	2.09	9%	0
004.06	Fiber, Crude, Fibertec (%)	0720	4.315	0.0100	3.631	0.3195	0.1335	21	2.14	9%	0
004.07	Fiber, Crude, ANKOM (%)	0265	2.005	0.0100	3.485	0.3764	0.1151	71	-3.93	21%	0
004.07	Fiber, Crude, ANKOM (%)	0644	2.771	0.1880	3.485	0.3764	0.1151	71	-1.90	10%	0
004.07	Fiber, Crude, ANKOM (%)	2193	2.890	0.0200	3.485	0.3764	0.1151	71	-1.58	9%	0
004.07	Fiber, Crude, ANKOM (%)	0510	2.900	0.4000	3.485	0.3764	0.1151	71	-1.56	8%	0
004.07	Fiber, Crude, ANKOM (%)	0229	2.910	0.0400	3.485	0.3764	0.1151	71	-1.53	8%	0
004.07	Fiber, Crude, ANKOM (%)	2190	2.950	0.0400	3.485	0.3764	0.1151	71	-1.42	8%	0
004.07	Fiber, Crude, ANKOM (%)	0004	2.975	0.1900	3.485	0.3764	0.1151	71	-1.36	7%	0
004.07	Fiber, Crude, ANKOM (%)	0202	3.025	0.3700	3.485	0.3764	0.1151	71	-1.22	7%	0
004.07	Fiber, Crude, ANKOM (%)	0407	3.037	0.3240	3.485	0.3764	0.1151	71	-1.19	6%	0
004.07	Fiber, Crude, ANKOM (%)	2325	3.105	0.0700	3.485	0.3764	0.1151	71	-1.01	5%	0
004.07	Fiber, Crude, ANKOM (%)	0619	3.160	0.0800	3.485	0.3764	0.1151	71	-0.86	5%	0
004.07	Fiber, Crude, ANKOM (%)	0505	3.170	0.0200	3.485	0.3764	0.1151	71	-0.84	5%	0
004.07	Fiber, Crude, ANKOM (%)	0956	3.200	0.0000	3.485	0.3764	0.1151	71	-0.76	4%	0
004.07	Fiber, Crude, ANKOM (%)	0144	3.210	0.0800	3.485	0.3764	0.1151	71	-0.73	4%	0
004.07	Fiber, Crude, ANKOM (%)	2340	3.214	0.0070	3.485	0.3764	0.1151	71	-0.72	4%	0
004.07	Fiber, Crude, ANKOM (%)	0683	3.215	0.0100	3.485	0.3764	0.1151	71	-0.72	4%	0
004.07	Fiber, Crude, ANKOM (%)	2322	3.215	0.0500	3.485	0.3764	0.1151	71	-0.72	4%	0
004.07	Fiber, Crude, ANKOM (%)	0100	3.255	0.0700	3.485	0.3764	0.1151	71	-0.61	3%	0
004.07	Fiber, Crude, ANKOM (%)	2337	3.255	0.2100	3.485	0.3764	0.1151	71	-0.61	3%	0
004.07	Fiber, Crude, ANKOM (%)	0035	3.300	0.0200	3.485	0.3764	0.1151	71	-0.49	3%	0
004.07	Fiber, Crude, ANKOM (%)	0598	3.300	0.0600	3.485	0.3764	0.1151	71	-0.49	3%	0
004.07	Fiber, Crude, ANKOM (%)	0708	3.300	0.1800	3.485	0.3764	0.1151	71	-0.49	3%	0
004.07	Fiber, Crude, ANKOM (%)	0066	3.315	0.0500	3.485	0.3764	0.1151	71	-0.45	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	
004.07	Fiber, Crude, ANKOM (%)	0098	3.325	0.1900	3.485	0.3764	0.1151	71	-0.43	2%	0
004.07	Fiber, Crude, ANKOM (%)	0589	3.325	0.1100	3.485	0.3764	0.1151	71	-0.43	2%	0
004.07	Fiber, Crude, ANKOM (%)	0675	3.325	0.0300	3.485	0.3764	0.1151	71	-0.43	2%	0
004.07	Fiber, Crude, ANKOM (%)	0028	3.350	0.5000	3.485	0.3764	0.1151	71	-0.36	2%	0
004.07	Fiber, Crude, ANKOM (%)	0643	3.355	0.0100	3.485	0.3764	0.1151	71	-0.35	2%	0
004.07	Fiber, Crude, ANKOM (%)	0123	3.360	0.1000	3.485	0.3764	0.1151	71	-0.33	2%	0
004.07	Fiber, Crude, ANKOM (%)	0876	3.400	0.0000	3.485	0.3764	0.1151	71	-0.23	1%	0
004.07	Fiber, Crude, ANKOM (%)	2196	3.430	0.0000	3.485	0.3764	0.1151	71	-0.15	1%	0
004.07	Fiber, Crude, ANKOM (%)	0860	3.440	0.0000	3.485	0.3764	0.1151	71	-0.12	1%	0
004.07	Fiber, Crude, ANKOM (%)	0083	3.450	0.0200	3.485	0.3764	0.1151	71	-0.09	1%	0
004.07	Fiber, Crude, ANKOM (%)	0581	3.450	0.1000	3.485	0.3764	0.1151	71	-0.09	1%	0
004.07	Fiber, Crude, ANKOM (%)	2022	3.465	0.0100	3.485	0.3764	0.1151	71	-0.05	0%	0
004.07	Fiber, Crude, ANKOM (%)	2144	3.475	0.0300	3.485	0.3764	0.1151	71	-0.03	0%	0
004.07	Fiber, Crude, ANKOM (%)	0939	3.490	0.1200	3.485	0.3764	0.1151	71	0.01	0%	0
004.07	Fiber, Crude, ANKOM (%)	0948	3.490	0.0800	3.485	0.3764	0.1151	71	0.01	0%	0
004.07	Fiber, Crude, ANKOM (%)	2181	3.490	0.0000	3.485	0.3764	0.1151	71	0.01	0%	0
004.07	Fiber, Crude, ANKOM (%)	0300	3.500	0.0200	3.485	0.3764	0.1151	71	0.04	0%	0
004.07	Fiber, Crude, ANKOM (%)	0536	3.500	0.0000	3.485	0.3764	0.1151	71	0.04	0%	0
004.07	Fiber, Crude, ANKOM (%)	0848	3.505	0.1700	3.485	0.3764	0.1151	71	0.05	0%	0
004.07	Fiber, Crude, ANKOM (%)	0626	3.535	0.1700	3.485	0.3764	0.1151	71	0.13	1%	0
004.07	Fiber, Crude, ANKOM (%)	0089	3.560	0.0200	3.485	0.3764	0.1151	71	0.20	1%	0
004.07	Fiber, Crude, ANKOM (%)	0653	3.565	0.1900	3.485	0.3764	0.1151	71	0.21	1%	0
004.07	Fiber, Crude, ANKOM (%)	0563	3.569	0.2422	3.485	0.3764	0.1151	71	0.22	1%	0
004.07	Fiber, Crude, ANKOM (%)	0553	3.580	0.1200	3.485	0.3764	0.1151	71	0.25	1%	0
004.07	Fiber, Crude, ANKOM (%)	0294	3.600	0.0000	3.485	0.3764	0.1151	71	0.30	2%	0
004.07	Fiber, Crude, ANKOM (%)	2345	3.638	0.1950	3.485	0.3764	0.1151	71	0.40	2%	0
004.07	Fiber, Crude, ANKOM (%)	0019	3.640	0.0600	3.485	0.3764	0.1151	71	0.41	2%	0
004.07	Fiber, Crude, ANKOM (%)	0190	3.650	0.1000	3.485	0.3764	0.1151	71	0.44	2%	0
004.07	Fiber, Crude, ANKOM (%)	0263	3.728	0.1150	3.485	0.3764	0.1151	71	0.64	3%	0
004.07	Fiber, Crude, ANKOM (%)	0881	3.736	0.1330	3.485	0.3764	0.1151	71	0.66	4%	0
004.07	Fiber, Crude, ANKOM (%)	0726	3.760	0.0200	3.485	0.3764	0.1151	71	0.73	4%	0
004.07	Fiber, Crude, ANKOM (%)	0009	3.770	0.2200	3.485	0.3764	0.1151	71	0.76	4%	0
004.07	Fiber, Crude, ANKOM (%)	0529	3.780	0.0800	3.485	0.3764	0.1151	71	0.78	4%	0
004.07	Fiber, Crude, ANKOM (%)	2259	3.788	0.0480	3.485	0.3764	0.1151	71	0.80	4%	0
004.07	Fiber, Crude, ANKOM (%)	0354	3.795	0.0300	3.485	0.3764	0.1151	71	0.82	4%	0
004.07	Fiber, Crude, ANKOM (%)	0042	3.810	0.1800	3.485	0.3764	0.1151	71	0.86	5%	0
004.07	Fiber, Crude, ANKOM (%)	0034	3.835	0.0500	3.485	0.3764	0.1151	71	0.93	5%	0
004.07	Fiber, Crude, ANKOM (%)	2009	3.855	0.0518	3.485	0.3764	0.1151	71	0.98	5%	0
004.07	Fiber, Crude, ANKOM (%)	0870	3.944	0.2403	3.485	0.3764	0.1151	71	1.22	7%	0
004.07	Fiber, Crude, ANKOM (%)	0682	4.000	0.0000	3.485	0.3764	0.1151	71	1.37	7%	0
004.07	Fiber, Crude, ANKOM (%)	0693	4.040	0.5870	3.485	0.3764	0.1151	71	1.47	8%	0
004.07	Fiber, Crude, ANKOM (%)	0278	4.050	0.3000	3.485	0.3764	0.1151	71	1.50	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			
004.07	Fiber, Crude, ANKOM (%)	0511	4.050	0.3000	3.485	0.3764	0.1151	71	1.50	8%	0
004.07	Fiber, Crude, ANKOM (%)	0520	4.080	0.0400	3.485	0.3764	0.1151	71	1.58	9%	0
004.07	Fiber, Crude, ANKOM (%)	2146	4.195	0.3500	3.485	0.3764	0.1151	71	1.89	10%	0
004.07	Fiber, Crude, ANKOM (%)	0045	4.365	0.1100	3.485	0.3764	0.1151	71	2.34	13%	0
004.07	Fiber, Crude, ANKOM (%)	2188	4.510	0.0000	3.485	0.3764	0.1151	71	2.72	15%	0
004.07	Fiber, Crude, ANKOM (%)	0242	4.670	0.2400	3.485	0.3764	0.1151	71	3.15	17%	0
004.07	Fiber, Crude, ANKOM (%)	0003	3.380	0.7600	3.485	0.3764	0.1151	71	-0.28	2%	1
004.11	Fiber, Crude, NIR (%)	0889	2.200	0.0400	3.491	1.525	0.1375	4			0
004.11	Fiber, Crude, NIR (%)	0720	2.550	0.3000	3.491	1.525	0.1375	4			0
004.11	Fiber, Crude, NIR (%)	0553	3.625	0.1300	3.491	1.525	0.1375	4			0
004.11	Fiber, Crude, NIR (%)	0852	5.590	0.0800	3.491	1.525	0.1375	4			0
005.00	Ash, 2h @ 600°C (%)	2322	5.710	0.0800	6.260	0.2507	0.0824	90	-2.19	4%	0
005.00	Ash, 2h @ 600°C (%)	2184	5.835	0.0900	6.260	0.2507	0.0824	90	-1.70	3%	0
005.00	Ash, 2h @ 600°C (%)	0144	5.865	0.0900	6.260	0.2507	0.0824	90	-1.58	3%	0
005.00	Ash, 2h @ 600°C (%)	0853	5.900	0.0000	6.260	0.2507	0.0824	90	-1.44	3%	0
005.00	Ash, 2h @ 600°C (%)	2199	5.900	0.2000	6.260	0.2507	0.0824	90	-1.44	3%	0
005.00	Ash, 2h @ 600°C (%)	0511	5.910	0.1600	6.260	0.2507	0.0824	90	-1.40	3%	0
005.00	Ash, 2h @ 600°C (%)	0169	5.930	0.0200	6.260	0.2507	0.0824	90	-1.32	3%	0
005.00	Ash, 2h @ 600°C (%)	0278	5.930	0.2600	6.260	0.2507	0.0824	90	-1.32	3%	0
005.00	Ash, 2h @ 600°C (%)	0019	5.950	0.1000	6.260	0.2507	0.0824	90	-1.24	2%	0
005.00	Ash, 2h @ 600°C (%)	2337	5.960	0.0400	6.260	0.2507	0.0824	90	-1.20	2%	0
005.00	Ash, 2h @ 600°C (%)	0682	5.970	0.0000	6.260	0.2507	0.0824	90	-1.16	2%	0
005.00	Ash, 2h @ 600°C (%)	0357	6.000	0.0000	6.260	0.2507	0.0824	90	-1.04	2%	0
005.00	Ash, 2h @ 600°C (%)	2268	6.000	0.0600	6.260	0.2507	0.0824	90	-1.04	2%	0
005.00	Ash, 2h @ 600°C (%)	0042	6.005	0.0300	6.260	0.2507	0.0824	90	-1.02	2%	0
005.00	Ash, 2h @ 600°C (%)	0049	6.005	0.0900	6.260	0.2507	0.0824	90	-1.02	2%	0
005.00	Ash, 2h @ 600°C (%)	0505	6.005	0.0100	6.260	0.2507	0.0824	90	-1.02	2%	0
005.00	Ash, 2h @ 600°C (%)	0539	6.020	0.0000	6.260	0.2507	0.0824	90	-0.96	2%	0
005.00	Ash, 2h @ 600°C (%)	0358	6.025	0.1900	6.260	0.2507	0.0824	90	-0.94	2%	0
005.00	Ash, 2h @ 600°C (%)	0598	6.035	0.0100	6.260	0.2507	0.0824	90	-0.90	2%	0
005.00	Ash, 2h @ 600°C (%)	2073	6.045	0.0900	6.260	0.2507	0.0824	90	-0.86	2%	0
005.00	Ash, 2h @ 600°C (%)	0651	6.063	0.0996	6.260	0.2507	0.0824	90	-0.79	2%	0
005.00	Ash, 2h @ 600°C (%)	0004	6.065	0.0100	6.260	0.2507	0.0824	90	-0.78	2%	0
005.00	Ash, 2h @ 600°C (%)	0860	6.070	0.0000	6.260	0.2507	0.0824	90	-0.76	2%	0
005.00	Ash, 2h @ 600°C (%)	0918	6.080	0.0600	6.260	0.2507	0.0824	90	-0.72	1%	0
005.00	Ash, 2h @ 600°C (%)	0175	6.095	0.0700	6.260	0.2507	0.0824	90	-0.66	1%	0
005.00	Ash, 2h @ 600°C (%)	0953	6.095	0.2100	6.260	0.2507	0.0824	90	-0.66	1%	0
005.00	Ash, 2h @ 600°C (%)	0876	6.100	0.2000	6.260	0.2507	0.0824	90	-0.64	1%	0
005.00	Ash, 2h @ 600°C (%)	0574	6.110	0.0200	6.260	0.2507	0.0824	90	-0.60	1%	0
005.00	Ash, 2h @ 600°C (%)	0229	6.130	0.2200	6.260	0.2507	0.0824	90	-0.52	1%	0
005.00	Ash, 2h @ 600°C (%)	0650	6.130	0.0000	6.260	0.2507	0.0824	90	-0.52	1%	0
005.00	Ash, 2h @ 600°C (%)	0881	6.134	0.0840	6.260	0.2507	0.0824	90	-0.50	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 (%)	0848	6.135	0.0900	6.260	0.2507	0.0824	90	-0.50	1%	0
005.00	Ash, 2h @ 600°C (%)	2022	6.145	0.0300	6.260	0.2507	0.0824	90	-0.46	1%	0
005.00	Ash, 2h @ 600°C (%)	2340	6.156	0.0310	6.260	0.2507	0.0824	90	-0.42	1%	0
005.00	Ash, 2h @ 600°C (%)	0027	6.167	0.0990	6.260	0.2507	0.0824	90	-0.37	1%	0
005.00	Ash, 2h @ 600°C (%)	2150	6.170	0.1400	6.260	0.2507	0.0824	90	-0.36	1%	0
005.00	Ash, 2h @ 600°C (%)	0541	6.190	0.3800	6.260	0.2507	0.0824	90	-0.28	1%	0
005.00	Ash, 2h @ 600°C (%)	0354	6.225	0.0100	6.260	0.2507	0.0824	90	-0.14	0%	0
005.00	Ash, 2h @ 600°C (%)	0589	6.240	0.0400	6.260	0.2507	0.0824	90	-0.08	0%	0
005.00	Ash, 2h @ 600°C (%)	0083	6.245	0.0100	6.260	0.2507	0.0824	90	-0.06	0%	0
005.00	Ash, 2h @ 600°C (%)	0199	6.250	0.1000	6.260	0.2507	0.0824	90	-0.04	0%	0
005.00	Ash, 2h @ 600°C (%)	2325	6.255	0.0100	6.260	0.2507	0.0824	90	-0.02	0%	0
005.00	Ash, 2h @ 600°C (%)	0142	6.280	0.0200	6.260	0.2507	0.0824	90	0.08	0%	0
005.00	Ash, 2h @ 600°C (%)	2188	6.280	0.0000	6.260	0.2507	0.0824	90	0.08	0%	0
005.00	Ash, 2h @ 600°C (%)	0045	6.300	0.0600	6.260	0.2507	0.0824	90	0.16	0%	0
005.00	Ash, 2h @ 600°C (%)	2196	6.300	0.0000	6.260	0.2507	0.0824	90	0.16	0%	0
005.00	Ash, 2h @ 600°C (%)	0297	6.305	0.1300	6.260	0.2507	0.0824	90	0.18	0%	0
005.00	Ash, 2h @ 600°C (%)	0553	6.305	0.0700	6.260	0.2507	0.0824	90	0.18	0%	0
005.00	Ash, 2h @ 600°C (%)	2326	6.310	0.1600	6.260	0.2507	0.0824	90	0.20	0%	0
005.00	Ash, 2h @ 600°C (%)	0407	6.318	0.1976	6.260	0.2507	0.0824	90	0.23	0%	0
005.00	Ash, 2h @ 600°C (%)	0693	6.325	0.0470	6.260	0.2507	0.0824	90	0.26	1%	0
005.00	Ash, 2h @ 600°C (%)	0870	6.329	0.2079	6.260	0.2507	0.0824	90	0.27	1%	0
005.00	Ash, 2h @ 600°C (%)	0968	6.340	0.0200	6.260	0.2507	0.0824	90	0.32	1%	0
005.00	Ash, 2h @ 600°C (%)	2076	6.346	0.3403	6.260	0.2507	0.0824	90	0.34	1%	0
005.00	Ash, 2h @ 600°C (%)	0265	6.350	0.1000	6.260	0.2507	0.0824	90	0.36	1%	0
005.00	Ash, 2h @ 600°C (%)	0643	6.350	0.0600	6.260	0.2507	0.0824	90	0.36	1%	0
005.00	Ash, 2h @ 600°C (%)	0100	6.355	0.0100	6.260	0.2507	0.0824	90	0.38	1%	0
005.00	Ash, 2h @ 600°C (%)	0108	6.355	0.1100	6.260	0.2507	0.0824	90	0.38	1%	0
005.00	Ash, 2h @ 600°C (%)	0504	6.355	0.0500	6.260	0.2507	0.0824	90	0.38	1%	0
005.00	Ash, 2h @ 600°C (%)	0563	6.363	0.0242	6.260	0.2507	0.0824	90	0.41	1%	0
005.00	Ash, 2h @ 600°C (%)	0035	6.365	0.0100	6.260	0.2507	0.0824	90	0.42	1%	0
005.00	Ash, 2h @ 600°C (%)	0164	6.365	0.0700	6.260	0.2507	0.0824	90	0.42	1%	0
005.00	Ash, 2h @ 600°C (%)	0242	6.365	0.0700	6.260	0.2507	0.0824	90	0.42	1%	0
005.00	Ash, 2h @ 600°C (%)	0148	6.395	0.2500	6.260	0.2507	0.0824	90	0.54	1%	0
005.00	Ash, 2h @ 600°C (%)	0001	6.396	0.0849	6.260	0.2507	0.0824	90	0.54	1%	0
005.00	Ash, 2h @ 600°C (%)	0510	6.400	0.2000	6.260	0.2507	0.0824	90	0.56	1%	0
005.00	Ash, 2h @ 600°C (%)	0956	6.400	0.2000	6.260	0.2507	0.0824	90	0.56	1%	0
005.00	Ash, 2h @ 600°C (%)	0098	6.410	0.1000	6.260	0.2507	0.0824	90	0.60	1%	0
005.00	Ash, 2h @ 600°C (%)	0309	6.410	0.0000	6.260	0.2507	0.0824	90	0.60	1%	0
005.00	Ash, 2h @ 600°C (%)	2006	6.420	0.1000	6.260	0.2507	0.0824	90	0.64	1%	0
005.00	Ash, 2h @ 600°C (%)	0123	6.425	0.0100	6.260	0.2507	0.0824	90	0.66	1%	0
005.00	Ash, 2h @ 600°C (%)	0674	6.430	0.0000	6.260	0.2507	0.0824	90	0.68	1%	0
005.00	Ash, 2h @ 600°C (%)	2181	6.435	0.1100	6.260	0.2507	0.0824	90	0.70	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 (%)	0047	6.450	0.1000	6.260	0.2507	0.0824	90	0.76	2%	0
005.00	Ash, 2h @ 600°C (%)	0171	6.490	0.0000	6.260	0.2507	0.0824	90	0.92	2%	0
005.00	Ash, 2h @ 600°C (%)	0618	6.510	0.0400	6.260	0.2507	0.0824	90	1.00	2%	0
005.00	Ash, 2h @ 600°C (%)	2193	6.515	0.0100	6.260	0.2507	0.0824	90	1.02	2%	0
005.00	Ash, 2h @ 600°C (%)	0520	6.515	0.0300	6.260	0.2507	0.0824	90	1.02	2%	0
005.00	Ash, 2h @ 600°C (%)	0353	6.535	0.0300	6.260	0.2507	0.0824	90	1.10	2%	0
005.00	Ash, 2h @ 600°C (%)	0675	6.570	0.1000	6.260	0.2507	0.0824	90	1.24	2%	0
005.00	Ash, 2h @ 600°C (%)	0948	6.580	0.0000	6.260	0.2507	0.0824	90	1.28	3%	0
005.00	Ash, 2h @ 600°C (%)	0345	6.595	0.0500	6.260	0.2507	0.0824	90	1.34	3%	0
005.00	Ash, 2h @ 600°C (%)	0226	6.635	0.1700	6.260	0.2507	0.0824	90	1.49	3%	0
005.00	Ash, 2h @ 600°C (%)	0425	6.640	0.0400	6.260	0.2507	0.0824	90	1.51	3%	0
005.00	Ash, 2h @ 600°C (%)	0017	6.650	0.1000	6.260	0.2507	0.0824	90	1.55	3%	0
005.00	Ash, 2h @ 600°C (%)	0062	6.665	0.1100	6.260	0.2507	0.0824	90	1.61	3%	0
005.00	Ash, 2h @ 600°C (%)	0186	6.688	0.1030	6.260	0.2507	0.0824	90	1.70	3%	0
005.00	Ash, 2h @ 600°C (%)	0581	6.700	0.0000	6.260	0.2507	0.0824	90	1.75	4%	0
005.00	Ash, 2h @ 600°C (%)	2259	6.765	0.0100	6.260	0.2507	0.0824	90	2.01	4%	0
005.00	Ash, 2h @ 600°C (%)	2089	6.770	0.2800	6.260	0.2507	0.0824	90	2.03	4%	0
005.00	Ash, 2h @ 600°C (%)	0852	6.750	0.5000	6.260	0.2507	0.0824	90	1.95	4%	1
005.00	Ash, 2h @ 600°C (%)	0529	6.805	0.6900	6.260	0.2507	0.0824	90	2.17	4%	1
005.02	Ash, LECO (%)	0644	6.064	0.0400				1			0
005.03	Ash, Microwave furnace (%)	0912	6.200	0.0000				1			0
005.05	Ash, 3h @ 550°C (%)	0726	6.045	0.0100	6.533	0.2310	0.0500	25	-2.11	4%	0
005.05	Ash, 3h @ 550°C (%)	0038	6.120	0.0000	6.533	0.2310	0.0500	25	-1.79	3%	0
005.05	Ash, 3h @ 550°C (%)	0003	6.155	0.0500	6.533	0.2310	0.0500	25	-1.64	3%	0
005.05	Ash, 3h @ 550°C (%)	0066	6.160	0.0600	6.533	0.2310	0.0500	25	-1.62	3%	0
005.05	Ash, 3h @ 550°C (%)	0263	6.292	0.0020	6.533	0.2310	0.0500	25	-1.04	2%	0
005.05	Ash, 3h @ 550°C (%)	0689	6.405	0.0100	6.533	0.2310	0.0500	25	-0.56	1%	0
005.05	Ash, 3h @ 550°C (%)	2192	6.425	0.1500	6.533	0.2310	0.0500	25	-0.47	1%	0
005.05	Ash, 3h @ 550°C (%)	0294	6.450	0.1000	6.533	0.2310	0.0500	25	-0.36	1%	0
005.05	Ash, 3h @ 550°C (%)	0889	6.475	0.1300	6.533	0.2310	0.0500	25	-0.25	0%	0
005.05	Ash, 3h @ 550°C (%)	0683	6.490	0.0000	6.533	0.2310	0.0500	25	-0.19	0%	0
005.05	Ash, 3h @ 550°C (%)	0653	6.530	0.0200	6.533	0.2310	0.0500	25	-0.01	0%	0
005.05	Ash, 3h @ 550°C (%)	0921	6.542	0.0090	6.533	0.2310	0.0500	25	0.04	0%	0
005.05	Ash, 3h @ 550°C (%)	0885	6.571	0.0684	6.533	0.2310	0.0500	25	0.16	0%	0
005.05	Ash, 3h @ 550°C (%)	2146	6.590	0.0400	6.533	0.2310	0.0500	25	0.25	0%	0
005.05	Ash, 3h @ 550°C (%)	0939	6.595	0.0500	6.533	0.2310	0.0500	25	0.27	0%	0
005.05	Ash, 3h @ 550°C (%)	0638	6.600	0.0000	6.533	0.2310	0.0500	25	0.29	1%	0
005.05	Ash, 3h @ 550°C (%)	0619	6.640	0.0000	6.533	0.2310	0.0500	25	0.46	1%	0
005.05	Ash, 3h @ 550°C (%)	0610	6.655	0.0100	6.533	0.2310	0.0500	25	0.53	1%	0
005.05	Ash, 3h @ 550°C (%)	0720	6.660	0.0200	6.533	0.2310	0.0500	25	0.55	1%	0
005.05	Ash, 3h @ 550°C (%)	0034	6.745	0.1100	6.533	0.2310	0.0500	25	0.92	2%	0
005.05	Ash, 3h @ 550°C (%)	0685	6.745	0.0100	6.533	0.2310	0.0500	25	0.92	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			
005.05	Ash, 3h @ 550°C (%)	2129	6.780	0.1800	6.533	0.2310	0.0500	25	1.07	2%	0
005.05	Ash, 3h @ 550°C (%)	2009	6.796	0.0018	6.533	0.2310	0.0500	25	1.14	2%	0
005.05	Ash, 3h @ 550°C (%)	0190	6.800	0.0200	6.533	0.2310	0.0500	25	1.15	2%	0
005.05	Ash, 3h @ 550°C (%)	2190	6.800	0.2000	6.533	0.2310	0.0500	25	1.15	2%	0
005.05	Ash, 3h @ 550°C (%)	2345	6.470	0.3800	6.533	0.2310	0.0500	25	-0.27	0%	1
005.11	Ash, NIR (%)	0852	3.760	0.0600	6.541	1.991	0.0375	4			0
005.11	Ash, NIR (%)	0297	6.635	0.0700	6.541	1.991	0.0375	4			0
005.11	Ash, NIR (%)	0720	7.370	0.0000	6.541	1.991	0.0375	4			0
005.11	Ash, NIR (%)	0889	8.400	0.0200	6.541	1.991	0.0375	4			0
005.99	Ash, Miscellaneous (%)	2081	5.050	0.0200	6.461	0.3633	0.0546	9	-3.88	11%	0
005.99	Ash, Miscellaneous (%)	0662	5.956	0.0412	6.461	0.3633	0.0546	9	-1.39	4%	0
005.99	Ash, Miscellaneous (%)	0546	6.350	0.0600	6.461	0.3633	0.0546	9	-0.31	1%	0
005.99	Ash, Miscellaneous (%)	0884	6.550	0.1000	6.461	0.3633	0.0546	9	0.25	1%	0
005.99	Ash, Miscellaneous (%)	0202	6.585	0.0700	6.461	0.3633	0.0546	9	0.34	1%	0
005.99	Ash, Miscellaneous (%)	0536	6.625	0.0700	6.461	0.3633	0.0546	9	0.45	1%	0
005.99	Ash, Miscellaneous (%)	0652	6.700	0.0000	6.461	0.3633	0.0546	9	0.66	2%	0
005.99	Ash, Miscellaneous (%)	2319	6.700	0.0000	6.461	0.3633	0.0546	9	0.66	2%	0
005.99	Ash, Miscellaneous (%)	0676	6.765	0.1300	6.461	0.3633	0.0546	9	0.84	2%	0
006.00	Total Sugars, As sucrose (%)	0407	4.750	0.1000				3			0
006.00	Total Sugars, As sucrose (%)	2319	5.350	0.3000				3			0
006.00	Total Sugars, As sucrose (%)	2192	5.665	0.0300				3			0
006.03	Total Sugars, Invert w/o Invrn (%)	0941	5.350	0.3200				1			0
006.99	Total Sugars, Miscellaneous (%)	0956	5.700	0.2000				3			0
006.99	Total Sugars, Miscellaneous (%)	0720	5.955	0.0300				3			0
006.99	Total Sugars, Miscellaneous (%)	0912	7.550	0.1000				3			0
008.02	Fiber, Acid Detergent, Crucible (%)	0098	3.745	0.0300	5.264	0.6626	0.1534	11	-2.29	14%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0674	4.600	0.0000	5.264	0.6626	0.1534	11	-1.00	6%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0309	5.029	0.3378	5.264	0.6626	0.1534	11	-0.35	2%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0948	5.040	0.0800	5.264	0.6626	0.1534	11	-0.34	2%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0504	5.060	0.0600	5.264	0.6626	0.1534	11	-0.31	2%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0353	5.155	0.4300	5.264	0.6626	0.1534	11	-0.17	1%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0345	5.325	0.3500	5.264	0.6626	0.1534	11	0.09	1%	0
008.02	Fiber, Acid Detergent, Crucible (%)	2192	5.470	0.0200	5.264	0.6626	0.1534	11	0.31	2%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0148	5.615	0.0700	5.264	0.6626	0.1534	11	0.53	3%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0226	6.085	0.2100	5.264	0.6626	0.1534	11	1.24	8%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0689	6.550	0.1000	5.264	0.6626	0.1534	11	1.94	12%	0
008.05	Fiber, Acid Detergent, Acid Detergent-Hach (%)	0265	6.370	0.1200				1			0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2322	3.850	0.0800	5.176	0.4237	0.1452	44	-3.13	13%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0675	4.140	0.0600	5.176	0.4237	0.1452	44	-2.45	10%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0968	4.465	0.1100	5.176	0.4237	0.1452	44	-1.68	7%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2345	4.520	0.5000	5.176	0.4237	0.1452	44	-1.55	6%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0653	4.535	0.0500	5.176	0.4237	0.1452	44	-1.51	6%	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			
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0016	4.665	0.0700	5.176	0.4237	0.1452	44	-1.21	5%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2190	4.665	0.1700	5.176	0.4237	0.1452	44	-1.21	5%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0956	4.750	0.1000	5.176	0.4237	0.1452	44	-1.01	4%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0358	4.875	0.0900	5.176	0.4237	0.1452	44	-0.71	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0049	4.935	0.2900	5.176	0.4237	0.1452	44	-0.57	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0939	4.935	0.0500	5.176	0.4237	0.1452	44	-0.57	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0912	4.945	0.3500	5.176	0.4237	0.1452	44	-0.55	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0357	4.950	0.1000	5.176	0.4237	0.1452	44	-0.53	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0889	4.985	0.0100	5.176	0.4237	0.1452	44	-0.45	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0407	5.023	0.2163	5.176	0.4237	0.1452	44	-0.36	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0948	5.035	0.0300	5.176	0.4237	0.1452	44	-0.33	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0066	5.085	0.1500	5.176	0.4237	0.1452	44	-0.21	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0726	5.090	0.0400	5.176	0.4237	0.1452	44	-0.20	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0190	5.095	0.0700	5.176	0.4237	0.1452	44	-0.19	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0004	5.140	0.3400	5.176	0.4237	0.1452	44	-0.09	0%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0870	5.146	0.0745	5.176	0.4237	0.1452	44	-0.07	0%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0619	5.160	0.0600	5.176	0.4237	0.1452	44	-0.04	0%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0918	5.199	0.0284	5.176	0.4237	0.1452	44	0.05	0%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0148	5.205	0.0300	5.176	0.4237	0.1452	44	0.07	0%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0354	5.220	0.0400	5.176	0.4237	0.1452	44	0.10	0%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0510	5.250	0.1000	5.176	0.4237	0.1452	44	0.17	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0511	5.250	0.7000	5.176	0.4237	0.1452	44	0.17	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2196	5.250	0.0000	5.176	0.4237	0.1452	44	0.17	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0164	5.350	0.3000	5.176	0.4237	0.1452	44	0.41	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0581	5.365	0.1300	5.176	0.4237	0.1452	44	0.45	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0035	5.420	0.0200	5.176	0.4237	0.1452	44	0.58	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0693	5.464	0.0610	5.176	0.4237	0.1452	44	0.68	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0294	5.500	0.0000	5.176	0.4237	0.1452	44	0.76	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0263	5.501	0.0470	5.176	0.4237	0.1452	44	0.77	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0042	5.515	0.3100	5.176	0.4237	0.1452	44	0.80	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0001	5.560	0.1400	5.176	0.4237	0.1452	44	0.91	4%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0045	5.585	0.3300	5.176	0.4237	0.1452	44	0.97	4%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0037	5.595	0.2700	5.176	0.4237	0.1452	44	0.99	4%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0278	5.600	0.0000	5.176	0.4237	0.1452	44	1.00	4%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2193	5.690	0.0600	5.176	0.4237	0.1452	44	1.21	5%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0015	5.710	0.1200	5.176	0.4237	0.1452	44	1.26	5%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0536	5.760	0.0200	5.176	0.4237	0.1452	44	1.38	6%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0083	5.765	0.0500	5.176	0.4237	0.1452	44	1.39	6%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2129	6.530	0.6200	5.176	0.4237	0.1452	44	3.20	13%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0297	5.300	0.8800	5.176	0.4237	0.1452	44	0.29	1%	1
008.99	Fiber, Acid Detergent, Miscellaneous (%)	0941	5.155	0.1900	5.740	0.9493	0.1900	4			0
008.99	Fiber, Acid Detergent, Miscellaneous (%)	0720	5.170	0.0000	5.740	0.9493	0.1900	4			0

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008.99	Fiber, Acid Detergent, Miscellaneous (%)	0610	5.490	0.2600	5.740	0.9493	0.1900	4			0
008.99	Fiber, Acid Detergent, Miscellaneous (%)	2326	7.145	0.3100	5.740	0.9493	0.1900	4			0
009.04	Fiber, Neutral Detergent, Neutral Det-No ENZ Pretreat (%)	0504	11.93	0.1300				1			0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0309	11.32	0.0956	13.75	1.655	0.2086	10	-1.47	9%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0353	11.81	0.0900	13.75	1.655	0.2086	10	-1.17	7%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0098	13.20	0.2000	13.75	1.655	0.2086	10	-0.33	2%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0345	13.20	0.4000	13.75	1.655	0.2086	10	-0.33	2%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0948	13.24	0.1200	13.75	1.655	0.2086	10	-0.31	2%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0674	14.29	0.0000	13.75	1.655	0.2086	10	0.33	2%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0226	14.34	0.2500	13.75	1.655	0.2086	10	0.35	2%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	2192	15.16	0.4300	13.75	1.655	0.2086	10	0.85	5%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0610	15.30	0.2000	13.75	1.655	0.2086	10	0.94	6%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0689	15.65	0.3000	13.75	1.655	0.2086	10	1.15	7%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	2322	11.54	0.1300	12.58	0.6889	0.2044	43	-1.51	4%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0598	11.60	0.0100	12.58	0.6889	0.2044	43	-1.42	4%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0939	11.76	0.3600	12.58	0.6889	0.2044	43	-1.19	3%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0358	11.81	0.0700	12.58	0.6889	0.2044	43	-1.12	3%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	2190	11.82	0.2800	12.58	0.6889	0.2044	43	-1.10	3%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0354	11.90	0.3000	12.58	0.6889	0.2044	43	-0.98	3%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0265	12.00	0.0000	12.58	0.6889	0.2044	43	-0.84	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0263	12.00	0.0220	12.58	0.6889	0.2044	43	-0.83	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0918	12.03	0.1707	12.58	0.6889	0.2044	43	-0.79	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0294	12.05	0.1000	12.58	0.6889	0.2044	43	-0.76	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	2196	12.06	0.0000	12.58	0.6889	0.2044	43	-0.75	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0581	12.15	0.1000	12.58	0.6889	0.2044	43	-0.62	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0035	12.18	0.2500	12.58	0.6889	0.2044	43	-0.58	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0726	12.18	0.1500	12.58	0.6889	0.2044	43	-0.58	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0164	12.20	0.2000	12.58	0.6889	0.2044	43	-0.55	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0675	12.27	0.1200	12.58	0.6889	0.2044	43	-0.44	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0049	12.28	0.4700	12.58	0.6889	0.2044	43	-0.44	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0912	12.30	0.3300	12.58	0.6889	0.2044	43	-0.41	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	2129	12.31	0.5000	12.58	0.6889	0.2044	43	-0.39	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	2345	12.32	0.4300	12.58	0.6889	0.2044	43	-0.38	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0148	12.45	0.0700	12.58	0.6889	0.2044	43	-0.19	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0870	12.51	0.4859	12.58	0.6889	0.2044	43	-0.10	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0510	12.60	0.0000	12.58	0.6889	0.2044	43	0.03	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0407	12.63	0.7671	12.58	0.6889	0.2044	43	0.08	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0278	12.65	0.1000	12.58	0.6889	0.2044	43	0.11	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0357	12.75	0.1000	12.58	0.6889	0.2044	43	0.25	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0066	12.78	0.1600	12.58	0.6889	0.2044	43	0.30	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	2022	12.78	0.2800	12.58	0.6889	0.2044	43	0.30	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0037	12.81	0.1000	12.58	0.6889	0.2044	43	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			
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0619	12.86	0.2100	12.58	0.6889	0.2044	43	0.40	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0956	12.90	0.6000	12.58	0.6889	0.2044	43	0.47	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0083	12.92	0.0900	12.58	0.6889	0.2044	43	0.49	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0015	12.93	0.0100	12.58	0.6889	0.2044	43	0.51	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0045	13.00	0.4000	12.58	0.6889	0.2044	43	0.61	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	2193	13.23	0.2400	12.58	0.6889	0.2044	43	0.95	3%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0948	13.38	0.0700	12.58	0.6889	0.2044	43	1.16	3%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0297	13.41	0.1400	12.58	0.6889	0.2044	43	1.21	3%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	2340	13.48	0.1630	12.58	0.6889	0.2044	43	1.31	4%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0653	13.57	0.0900	12.58	0.6889	0.2044	43	1.44	4%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0889	13.81	0.1000	12.58	0.6889	0.2044	43	1.79	5%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0968	14.01	0.2900	12.58	0.6889	0.2044	43	2.07	6%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0536	15.37	0.0500	12.58	0.6889	0.2044	43	4.05	11%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0190	17.44	0.2800	12.58	0.6889	0.2044	43	7.06	19%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0693	12.41	0.9250	12.58	0.6889	0.2044	43	-0.24	1%	1
009.99	Fiber, Neutral Detergent, Miscellaneous (%)	0889	13.62	0.1400				3			0
009.99	Fiber, Neutral Detergent, Miscellaneous (%)	0941	13.87	0.3100				3			0
009.99	Fiber, Neutral Detergent, Miscellaneous (%)	2326	14.42	0.7100				3			0
009.99	Fiber, Neutral Detergent, Miscellaneous (%)	0720	7.980	0.0200				3			2
010.03	Moisture, Karl-Fischer (%)	0843	9.865	0.9100				2			0
010.03	Moisture, Karl-Fischer (%)	0164	10.25	0.0100				2			0
010.11	Moisture, NIR (%)	0720	9.635	0.0500				3			0
010.11	Moisture, NIR (%)	0889	9.855	0.0100				3			0
010.11	Moisture, NIR (%)	0852	10.27	0.0900				3			0
010.99	Moisture, Miscellaneous (%)	0546	9.270	0.1000	10.13	0.3051	0.0569	13	-2.81	4%	0
010.99	Moisture, Miscellaneous (%)	0726	9.830	0.0800	10.13	0.3051	0.0569	13	-0.97	1%	0
010.99	Moisture, Miscellaneous (%)	0939	9.895	0.1700	10.13	0.3051	0.0569	13	-0.76	1%	0
010.99	Moisture, Miscellaneous (%)	2178	9.930	0.1000	10.13	0.3051	0.0569	13	-0.65	1%	0
010.99	Moisture, Miscellaneous (%)	0948	9.950	0.0000	10.13	0.3051	0.0569	13	-0.58	1%	0
010.99	Moisture, Miscellaneous (%)	2129	10.07	0.0200	10.13	0.3051	0.0569	13	-0.19	0%	0
010.99	Moisture, Miscellaneous (%)	2076	10.11	0.1000	10.13	0.3051	0.0569	13	-0.06	0%	0
010.99	Moisture, Miscellaneous (%)	2089	10.14	0.0400	10.13	0.3051	0.0569	13	0.04	0%	0
010.99	Moisture, Miscellaneous (%)	0921	10.34	0.0000	10.13	0.3051	0.0569	13	0.70	1%	0
010.99	Moisture, Miscellaneous (%)	0884	10.35	0.1000	10.13	0.3051	0.0569	13	0.73	1%	0
010.99	Moisture, Miscellaneous (%)	2150	10.38	0.0200	10.13	0.3051	0.0569	13	0.83	1%	0
010.99	Moisture, Miscellaneous (%)	0652	10.40	0.0000	10.13	0.3051	0.0569	13	0.90	1%	0
010.99	Moisture, Miscellaneous (%)	0190	10.82	0.0100	10.13	0.3051	0.0569	13	2.26	3%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2199	9.250	0.1000	10.96	0.2885	0.0854	67	-5.92	8%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2268	9.860	0.0800	10.96	0.2885	0.0854	67	-3.81	5%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2322	9.940	0.1000	10.96	0.2885	0.0854	67	-3.53	5%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0563	10.22	0.1143	10.96	0.2885	0.0854	67	-2.56	3%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2188	10.24	0.0000	10.96	0.2885	0.0854	67	-2.49	3%	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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011.01	Loss on Drying, HT, 135°C 2hr (%)	0062	10.25	0.0000	10.96	0.2885	0.0854	67	-2.46	3%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0536	10.51	0.0500	10.96	0.2885	0.0854	67	-1.57	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2326	10.63	0.2400	10.96	0.2885	0.0854	67	-1.14	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0859	10.65	0.0530	10.96	0.2885	0.0854	67	-1.08	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0354	10.66	0.0100	10.96	0.2885	0.0854	67	-1.05	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0685	10.66	0.0100	10.96	0.2885	0.0854	67	-1.05	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2340	10.66	0.0630	10.96	0.2885	0.0854	67	-1.03	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2174	10.70	0.0700	10.96	0.2885	0.0854	67	-0.91	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0881	10.73	0.0620	10.96	0.2885	0.0854	67	-0.81	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0675	10.80	0.0200	10.96	0.2885	0.0854	67	-0.55	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2181	10.81	0.1500	10.96	0.2885	0.0854	67	-0.53	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2325	10.81	0.0200	10.96	0.2885	0.0854	67	-0.51	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0651	10.83	0.0205	10.96	0.2885	0.0854	67	-0.45	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0541	10.84	0.2800	10.96	0.2885	0.0854	67	-0.41	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0208	10.85	0.1000	10.96	0.2885	0.0854	67	-0.38	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0294	10.85	0.1000	10.96	0.2885	0.0854	67	-0.38	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0425	10.88	0.0600	10.96	0.2885	0.0854	67	-0.27	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0539	10.88	0.2400	10.96	0.2885	0.0854	67	-0.27	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0511	10.90	0.2100	10.96	0.2885	0.0854	67	-0.22	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0553	10.90	0.1700	10.96	0.2885	0.0854	67	-0.22	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0100	10.90	0.1800	10.96	0.2885	0.0854	67	-0.20	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0265	10.90	0.0000	10.96	0.2885	0.0854	67	-0.20	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0653	10.92	0.0100	10.96	0.2885	0.0854	67	-0.15	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0968	10.92	0.0500	10.96	0.2885	0.0854	67	-0.15	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0682	10.92	0.0000	10.96	0.2885	0.0854	67	-0.13	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0953	10.93	0.0500	10.96	0.2885	0.0854	67	-0.12	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2006	10.94	0.0900	10.96	0.2885	0.0854	67	-0.08	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0520	10.95	0.1000	10.96	0.2885	0.0854	67	-0.03	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0674	10.95	0.0000	10.96	0.2885	0.0854	67	-0.03	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2022	10.96	0.0300	10.96	0.2885	0.0854	67	-0.01	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2073	10.96	0.0700	10.96	0.2885	0.0854	67	-0.01	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0226	10.96	0.0400	10.96	0.2885	0.0854	67	0.01	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0860	10.96	0.0000	10.96	0.2885	0.0854	67	0.01	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2168	10.96	0.0200	10.96	0.2885	0.0854	67	0.01	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0574	10.97	0.0500	10.96	0.2885	0.0854	67	0.02	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0598	10.99	0.0700	10.96	0.2885	0.0854	67	0.09	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0164	10.99	0.1400	10.96	0.2885	0.0854	67	0.11	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0123	11.01	0.0200	10.96	0.2885	0.0854	67	0.18	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2193	11.02	0.0300	10.96	0.2885	0.0854	67	0.20	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0171	11.04	0.1100	10.96	0.2885	0.0854	67	0.27	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0098	11.04	0.1600	10.96	0.2885	0.0854	67	0.28	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2196	11.04	0.0000	10.96	0.2885	0.0854	67	0.28	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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011.01	Loss on Drying, HT, 135°C 2hr (%)	0175	11.05	0.1000	10.96	0.2885	0.0854	67	0.32	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0510	11.05	0.1000	10.96	0.2885	0.0854	67	0.32	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0870	11.09	0.0861	10.96	0.2885	0.0854	67	0.46	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0643	11.15	0.1000	10.96	0.2885	0.0854	67	0.66	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0066	11.17	0.1000	10.96	0.2885	0.0854	67	0.73	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0108	11.20	0.0400	10.96	0.2885	0.0854	67	0.84	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2337	11.23	0.0100	10.96	0.2885	0.0854	67	0.92	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0618	11.23	0.0000	10.96	0.2885	0.0854	67	0.94	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0309	11.26	0.1600	10.96	0.2885	0.0854	67	1.05	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0144	11.27	0.0900	10.96	0.2885	0.0854	67	1.06	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2184	11.30	0.0200	10.96	0.2885	0.0854	67	1.18	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0004	11.33	0.0300	10.96	0.2885	0.0854	67	1.27	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0263	11.33	0.0660	10.96	0.2885	0.0854	67	1.28	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0202	11.37	0.3600	10.96	0.2885	0.0854	67	1.43	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0589	11.38	0.1600	10.96	0.2885	0.0854	67	1.46	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0229	11.39	0.1000	10.96	0.2885	0.0854	67	1.50	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0242	11.43	0.2700	10.96	0.2885	0.0854	67	1.62	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0407	11.55	0.0164	10.96	0.2885	0.0854	67	2.04	3%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0843	11.63	0.3300	10.96	0.2885	0.0854	67	2.31	3%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0358	11.73	0.0400	10.96	0.2885	0.0854	67	2.67	4%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0047	10.35	0.5000	10.96	0.2885	0.0854	67	-2.11	3%	1
011.02	Loss on Drying, HT, 130°C for 2 hours (%)	0942	10.95	0.2800				2			0
011.02	Loss on Drying, HT, 130°C for 2 hours (%)	0529	11.18	0.0100				2			0
011.99	Loss on Drying, HT, High Temp. Methods Miscellaneous (	0857	8.600	3.400				3			0
011.99	Loss on Drying, HT, High Temp. Methods Miscellaneous (	0852	10.60	0.0900				3			0
011.99	Loss on Drying, HT, High Temp. Methods Miscellaneous (	2303	11.06	0.0750				3			0
012.00	Starch, Polarimetric (Ewers) (%)	2181	41.63	0.6600	43.14	0.7289	0.3283	12	-2.07	2%	0
012.00	Starch, Polarimetric (Ewers) (%)	2192	42.38	0.3600	43.14	0.7289	0.3283	12	-1.04	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0939	42.45	0.7600	43.14	0.7289	0.3283	12	-0.94	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0689	42.50	0.2000	43.14	0.7289	0.3283	12	-0.88	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	2196	43.05	0.0000	43.14	0.7289	0.3283	12	-0.12	0%	0
012.00	Starch, Polarimetric (Ewers) (%)	2193	43.33	0.4300	43.14	0.7289	0.3283	12	0.26	0%	0
012.00	Starch, Polarimetric (Ewers) (%)	2188	43.44	0.1400	43.14	0.7289	0.3283	12	0.41	0%	0
012.00	Starch, Polarimetric (Ewers) (%)	0683	43.51	0.2800	43.14	0.7289	0.3283	12	0.51	0%	0
012.00	Starch, Polarimetric (Ewers) (%)	0354	43.57	0.0500	43.14	0.7289	0.3283	12	0.59	0%	0
012.00	Starch, Polarimetric (Ewers) (%)	2006	43.64	0.3600	43.14	0.7289	0.3283	12	0.69	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0619	43.65	0.1000	43.14	0.7289	0.3283	12	0.70	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0164	44.10	0.6000	43.14	0.7289	0.3283	12	1.32	1%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0918	37.17	0.9640	42.03	3.947	1.570	10	-1.23	6%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0956	38.55	2.900	42.03	3.947	1.570	10	-0.88	4%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0164	40.05	0.3000	42.03	3.947	1.570	10	-0.50	2%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0045	40.30	3.000	42.03	3.947	1.570	10	-0.44	2%	0

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012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0870	40.34	0.6547	42.03	3.947	1.570	10	-0.43	2%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0148	42.08	2.520	42.03	3.947	1.570	10	0.01	0%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0693	42.42	1.780	42.03	3.947	1.570	10	0.10	0%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	2089	45.13	0.6700	42.03	3.947	1.570	10	0.78	4%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0885	46.36	0.4096	42.03	3.947	1.570	10	1.09	5%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0265	50.75	2.500	42.03	3.947	1.570	10	2.21	10%	0
012.03	Starch, Enzymatic-Colorimetric Method, Miscellaneous (%)	0407	38.25	1.256				2			0
012.03	Starch, Enzymatic-Colorimetric Method, Miscellaneous (%)	0297	40.91	0.7500				2			0
012.04	Starch, Enzymatic-Enzyme Membrane Technology (YSI) (%)	0510	40.35	1.700	41.64	1.135	1.330	5			0
012.04	Starch, Enzymatic-Enzyme Membrane Technology (YSI) (%)	0098	40.45	0.7000	41.64	1.135	1.330	5			0
012.04	Starch, Enzymatic-Enzyme Membrane Technology (YSI) (%)	0948	42.45	0.8500	41.64	1.135	1.330	5			0
012.04	Starch, Enzymatic-Enzyme Membrane Technology (YSI) (%)	2129	42.47	1.400	41.64	1.135	1.330	5			0
012.04	Starch, Enzymatic-Enzyme Membrane Technology (YSI) (%)	0278	42.50	2.000	41.64	1.135	1.330	5			0
012.11	Starch, NIR (%)	0852	38.10	0.1300	42.14	3.731	0.1900	4			0
012.11	Starch, NIR (%)	0889	40.64	0.0300	42.14	3.731	0.1900	4			0
012.11	Starch, NIR (%)	0720	42.95	0.1400	42.14	3.731	0.1900	4			0
012.11	Starch, NIR (%)	0297	46.88	0.4600	42.14	3.731	0.1900	4			0
012.20	Starch, Dietary, Enzymatic-Colorimetric (%)	0353	21.94	35.99				1			0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	2345	3.534	0.2227	4.089	0.3795	0.1249	21	-1.46	7%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	2073	3.660	0.0200	4.089	0.3795	0.1249	21	-1.13	5%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0083	3.675	0.0500	4.089	0.3795	0.1249	21	-1.09	5%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	2146	3.760	0.1000	4.089	0.3795	0.1249	21	-0.87	4%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	2188	3.820	0.0000	4.089	0.3795	0.1249	21	-0.71	3%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0297	3.865	0.2700	4.089	0.3795	0.1249	21	-0.59	3%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0650	3.900	0.2400	4.089	0.3795	0.1249	21	-0.50	2%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0242	3.925	0.1100	4.089	0.3795	0.1249	21	-0.43	2%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0689	4.000	0.0000	4.089	0.3795	0.1249	21	-0.23	1%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	2319	4.000	0.0000	4.089	0.3795	0.1249	21	-0.23	1%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	2144	4.005	0.0500	4.089	0.3795	0.1249	21	-0.22	1%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0541	4.035	0.2900	4.089	0.3795	0.1249	21	-0.14	1%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0229	4.120	0.3000	4.089	0.3795	0.1249	21	0.08	0%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0948	4.210	0.0600	4.089	0.3795	0.1249	21	0.32	1%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0652	4.250	0.1000	4.089	0.3795	0.1249	21	0.42	2%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0884	4.300	0.0000	4.089	0.3795	0.1249	21	0.56	3%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0881	4.375	0.0200	4.089	0.3795	0.1249	21	0.75	4%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	2076	4.506	0.0070	4.089	0.3795	0.1249	21	1.10	5%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0309	4.607	0.0133	4.089	0.3795	0.1249	21	1.37	6%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0202	5.050	0.6600	4.089	0.3795	0.1249	21	2.53	12%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	2150	5.075	0.1100	4.089	0.3795	0.1249	21	2.60	12%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0618	7.530	0.9800	4.089	0.3795	0.1249	21	9.07	42%	1
013.02	Fat, Acid Pretreat, Mojonner, Bak Ext (%)	0870	4.005	0.0957	4.578	0.4329	0.2149	17	-1.32	6%	0
013.02	Fat, Acid Pretreat, Mojonner, Bak Ext (%)	0643	4.095	0.0100	4.578	0.4329	0.2149	17	-1.12	5%	0

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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0853	4.200	0.2000	4.578	0.4329	0.2149	17	-0.87	4%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0148	4.240	0.2000	4.578	0.4329	0.2149	17	-0.78	4%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0098	4.325	0.0700	4.578	0.4329	0.2149	17	-0.58	3%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0038	4.343	0.3550	4.578	0.4329	0.2149	17	-0.54	3%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0208	4.370	0.0400	4.578	0.4329	0.2149	17	-0.48	2%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0675	4.475	0.1900	4.578	0.4329	0.2149	17	-0.24	1%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0676	4.610	0.5000	4.578	0.4329	0.2149	17	0.07	0%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0682	4.630	0.0000	4.578	0.4329	0.2149	17	0.12	1%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0921	4.641	0.0260	4.578	0.4329	0.2149	17	0.15	1%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0553	4.645	0.0100	4.578	0.4329	0.2149	17	0.15	1%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0354	4.795	0.0100	4.578	0.4329	0.2149	17	0.50	2%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0164	4.800	0.1400	4.578	0.4329	0.2149	17	0.51	2%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0171	5.200	0.8400	4.578	0.4329	0.2149	17	1.44	7%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0407	5.260	0.4800	4.578	0.4329	0.2149	17	1.58	7%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	2259	5.795	0.4870	4.578	0.4329	0.2149	17	2.81	13%	0
013.08	Fat, Base Pretreat, Roese-Gottlieb Modified (%)	0618	2.950	0.2200				1			0
013.10	Fat, Acid Pretreat, Soxtec-Acid Hydrolysis (%)	0036	3.643	0.1307	3.999	0.2668	0.1185	6	-1.33	4%	0
013.10	Fat, Acid Pretreat, Soxtec-Acid Hydrolysis (%)	0720	3.810	0.0000	3.999	0.2668	0.1185	6	-0.71	2%	0
013.10	Fat, Acid Pretreat, Soxtec-Acid Hydrolysis (%)	0638	4.025	0.0700	3.999	0.2668	0.1185	6	0.10	0%	0
013.10	Fat, Acid Pretreat, Soxtec-Acid Hydrolysis (%)	0610	4.045	0.1300	3.999	0.2668	0.1185	6	0.17	1%	0
013.10	Fat, Acid Pretreat, Soxtec-Acid Hydrolysis (%)	0353	4.220	0.3800	3.999	0.2668	0.1185	6	0.83	3%	0
013.10	Fat, Acid Pretreat, Soxtec-Acid Hydrolysis (%)	2196	4.250	0.0000	3.999	0.2668	0.1185	6	0.94	3%	0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0939	3.780	0.2400	4.514	0.6827	0.3135	10	-1.07	8%	0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0683	3.950	0.2200	4.514	0.6827	0.3135	10	-0.83	6%	0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0265	3.965	0.1500	4.514	0.6827	0.3135	10	-0.80	6%	0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	2129	3.995	0.2500	4.514	0.6827	0.3135	10	-0.76	6%	0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0876	4.250	0.7000	4.514	0.6827	0.3135	10	-0.39	3%	0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0843	4.750	0.0400	4.514	0.6827	0.3135	10	0.35	3%	0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0407	4.851	0.2875	4.514	0.6827	0.3135	10	0.49	4%	0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0651	4.932	0.4777	4.514	0.6827	0.3135	10	0.61	5%	0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0968	5.125	0.5700	4.514	0.6827	0.3135	10	0.90	7%	0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0581	5.800	0.2000	4.514	0.6827	0.3135	10	1.88	14%	0
015.41	Aluminum, ICP, Dry ash (ppm)	0171	52.40	0.4000	71.00	13.30	1.693	5			0
015.41	Aluminum, ICP, Dry ash (ppm)	0049	61.72	0.1100	71.00	13.30	1.693	5			0
015.41	Aluminum, ICP, Dry ash (ppm)	0407	77.38	4.955	71.00	13.30	1.693	5			0
015.41	Aluminum, ICP, Dry ash (ppm)	0164	80.50	1.000	71.00	13.30	1.693	5			0
015.41	Aluminum, ICP, Dry ash (ppm)	0520	83.00	2.000	71.00	13.30	1.693	5			0
015.42	Aluminum, ICP, Open vessel (ppm)	0037	44.90	2.000				2			0
015.42	Aluminum, ICP, Open vessel (ppm)	2129	54.87	0.4700				2			0
015.43	Aluminum, ICP, Microwave (ppm)	0169	12.30	0.2000	78.07	13.05	3.585	8	-5.04	42%	0
015.43	Aluminum, ICP, Microwave (ppm)	0918	69.39	3.230	78.07	13.05	3.585	8	-0.66	6%	0
015.43	Aluminum, ICP, Microwave (ppm)	0510	73.00	0.0000	78.07	13.05	3.585	8	-0.39	3%	0

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015.43	Aluminum, ICP, Microwave (ppm)	0407	78.01	1.149	78.07	13.05	3.585	8	0.00	0%	0
015.43	Aluminum, ICP, Microwave (ppm)	0425	80.26	12.10	78.07	13.05	3.585	8	0.17	1%	0
015.43	Aluminum, ICP, Microwave (ppm)	0297	80.50	5.000	78.07	13.05	3.585	8	0.19	2%	0
015.43	Aluminum, ICP, Microwave (ppm)	0345	89.40	6.000	78.07	13.05	3.585	8	0.87	7%	0
015.43	Aluminum, ICP, Microwave (ppm)	0353	95.50	1.000	78.07	13.05	3.585	8	1.34	11%	0
015.52	Aluminum, ICP-MS, Open vessel (ppm)	0560	97.20	6.000				1			0
015.53	Aluminum, ICP-MS, Microwave (ppm)	0407	81.46	2.197				3			0
015.53	Aluminum, ICP-MS, Microwave (ppm)	0553	86.15	3.300				3			0
015.53	Aluminum, ICP-MS, Microwave (ppm)	0939	92.26	8.720				3			0
017.41	Boron, ICP, Dry ash (ppm)	0226	6.200	0.0400	6.541	0.5365	0.2090	4			0
017.41	Boron, ICP, Dry ash (ppm)	0358	6.270	0.4200	6.541	0.5365	0.2090	4			0
017.41	Boron, ICP, Dry ash (ppm)	0407	6.353	0.0560	6.541	0.5365	0.2090	4			0
017.41	Boron, ICP, Dry ash (ppm)	0229	7.340	0.3200	6.541	0.5365	0.2090	4			0
017.41	Boron, ICP, Dry ash (ppm)	0049	8.020	4.140	6.541	0.5365	0.2090	4			1
017.42	Boron, ICP, Open vessel (ppm)	0693	5.685	0.1040	6.161	0.3425	0.4845	6	-1.39	4%	0
017.42	Boron, ICP, Open vessel (ppm)	0294	5.980	0.0400	6.161	0.3425	0.4845	6	-0.53	1%	0
017.42	Boron, ICP, Open vessel (ppm)	0265	6.180	1.680	6.161	0.3425	0.4845	6	0.06	0%	0
017.42	Boron, ICP, Open vessel (ppm)	0037	6.200	0.0000	6.161	0.3425	0.4845	6	0.11	0%	0
017.42	Boron, ICP, Open vessel (ppm)	2129	6.370	0.7830	6.161	0.3425	0.4845	6	0.61	2%	0
017.42	Boron, ICP, Open vessel (ppm)	0045	6.550	0.3000	6.161	0.3425	0.4845	6	1.14	3%	0
017.43	Boron, ICP, Microwave (ppm)	0345	6.100	0.4000	6.466	0.3499	0.1991	5			0
017.43	Boron, ICP, Microwave (ppm)	0407	6.241	0.1153	6.466	0.3499	0.1991	5			0
017.43	Boron, ICP, Microwave (ppm)	0083	6.400	0.4000	6.466	0.3499	0.1991	5			0
017.43	Boron, ICP, Microwave (ppm)	0918	6.590	0.0800	6.466	0.3499	0.1991	5			0
017.43	Boron, ICP, Microwave (ppm)	0510	7.000	0.0000	6.466	0.3499	0.1991	5			0
017.43	Boron, ICP, Microwave (ppm)	0353	8.000	2.000	6.466	0.3499	0.1991	5			1
017.43	Boron, ICP, Microwave (ppm)	0297	0.0000	0.0000	6.466	0.3499	0.1991	5			4
017.52	Boron, ICP-MS, Open vessel (ppm)	0096	6.046	0.6994				1			0
017.53	Boron, ICP-MS, Microwave (ppm)	0407	6.204	0.1002				2			0
017.53	Boron, ICP-MS, Microwave (ppm)	0553	6.885	0.6900				2			0
019.00	Calcium, Ox-Mn04 Vol. (%)	2190	1.167	0.0000	1.248	0.0790	0.0316	7	-1.03	3%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2006	1.191	0.1010	1.248	0.0790	0.0316	7	-0.73	2%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2146	1.210	0.0000	1.248	0.0790	0.0316	7	-0.48	2%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2022	1.230	0.0000	1.248	0.0790	0.0316	7	-0.23	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0881	1.273	0.0300	1.248	0.0790	0.0316	7	0.32	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0683	1.300	0.0400	1.248	0.0790	0.0316	7	0.66	2%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2181	1.425	0.0500	1.248	0.0790	0.0316	7	2.24	7%	0
019.02	Calcium, Hach Method (%)	0536	1.040	0.0200				1			0
019.03	Calcium, Semiauto (Autoanalyzer) (%)	0036	1.339	0.0001				1			0
019.08	Calcium, EDTA (%)	2199	0.7050	0.0100	1.192	0.2233	0.0088	9	-2.18	20%	0
019.08	Calcium, EDTA (%)	2193	0.8850	0.0300	1.192	0.2233	0.0088	9	-1.38	13%	0
019.08	Calcium, EDTA (%)	2188	1.230	0.0000	1.192	0.2233	0.0088	9	0.17	2%	0

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019.08	Calcium, EDTA (%)	2009	1.237	0.0018	1.192	0.2233	0.0088	9	0.20	2%	0
019.08	Calcium, EDTA (%)	2196	1.240	0.0000	1.192	0.2233	0.0088	9	0.21	2%	0
019.08	Calcium, EDTA (%)	0689	1.260	0.0200	1.192	0.2233	0.0088	9	0.30	3%	0
019.08	Calcium, EDTA (%)	0885	1.261	0.0055	1.192	0.2233	0.0088	9	0.31	3%	0
019.08	Calcium, EDTA (%)	2340	1.285	0.0020	1.192	0.2233	0.0088	9	0.42	4%	0
019.08	Calcium, EDTA (%)	2337	1.475	0.0100	1.192	0.2233	0.0088	9	1.27	12%	0
019.08	Calcium, EDTA (%)	0852	0.8500	0.1000	1.192	0.2233	0.0088	9	-1.53	14%	1
019.09	Calcium, Ion-selective electrode (%)	2006	1.107	0.1670				1			0
019.31	Calcium, AAS, Dry ash (%)	0208	1.140	0.1390	1.220	0.0607	0.0361	17	-1.32	3%	0
019.31	Calcium, AAS, Dry ash (%)	0939	1.140	0.0200	1.220	0.0607	0.0361	17	-1.31	3%	0
019.31	Calcium, AAS, Dry ash (%)	0018	1.150	0.0400	1.220	0.0607	0.0361	17	-1.15	3%	0
019.31	Calcium, AAS, Dry ash (%)	0175	1.165	0.0100	1.220	0.0607	0.0361	17	-0.90	2%	0
019.31	Calcium, AAS, Dry ash (%)	0674	1.170	0.0000	1.220	0.0607	0.0361	17	-0.82	2%	0
019.31	Calcium, AAS, Dry ash (%)	0529	1.180	0.0000	1.220	0.0607	0.0361	17	-0.65	2%	0
019.31	Calcium, AAS, Dry ash (%)	0563	1.214	0.0450	1.220	0.0607	0.0361	17	-0.10	0%	0
019.31	Calcium, AAS, Dry ash (%)	0142	1.217	0.0036	1.220	0.0607	0.0361	17	-0.04	0%	0
019.31	Calcium, AAS, Dry ash (%)	0948	1.235	0.0100	1.220	0.0607	0.0361	17	0.26	1%	0
019.31	Calcium, AAS, Dry ash (%)	0884	1.240	0.0400	1.220	0.0607	0.0361	17	0.34	1%	0
019.31	Calcium, AAS, Dry ash (%)	0687	1.250	0.1000	1.220	0.0607	0.0361	17	0.50	1%	0
019.31	Calcium, AAS, Dry ash (%)	2196	1.250	0.0000	1.220	0.0607	0.0361	17	0.50	1%	0
019.31	Calcium, AAS, Dry ash (%)	2325	1.250	0.0000	1.220	0.0607	0.0361	17	0.50	1%	0
019.31	Calcium, AAS, Dry ash (%)	0038	1.255	0.1300	1.220	0.0607	0.0361	17	0.58	1%	0
019.31	Calcium, AAS, Dry ash (%)	0536	1.275	0.0300	1.220	0.0607	0.0361	17	0.91	2%	0
019.31	Calcium, AAS, Dry ash (%)	0651	1.291	0.0385	1.220	0.0607	0.0361	17	1.18	3%	0
019.31	Calcium, AAS, Dry ash (%)	0001	1.324	0.0070	1.220	0.0607	0.0361	17	1.71	4%	0
019.31	Calcium, AAS, Dry ash (%)	0108	1.355	0.2900	1.220	0.0607	0.0361	17	2.23	6%	1
019.32	Calcium, AAS, Open vessel (%)	0169	1.175	0.0100				1			0
019.33	Calcium, AAS, Microwave (%)	2022	1.335	0.0300				1			0
019.41	Calcium, ICP, Dry ash (%)	0653	1.108	0.0050	1.249	0.0433	0.0262	23	-3.26	6%	0
019.41	Calcium, ICP, Dry ash (%)	0520	1.180	0.0400	1.249	0.0433	0.0262	23	-1.58	3%	0
019.41	Calcium, ICP, Dry ash (%)	0229	1.195	0.1100	1.249	0.0433	0.0262	23	-1.24	2%	0
019.41	Calcium, ICP, Dry ash (%)	0098	1.205	0.0300	1.249	0.0433	0.0262	23	-1.01	2%	0
019.41	Calcium, ICP, Dry ash (%)	0171	1.215	0.0100	1.249	0.0433	0.0262	23	-0.78	1%	0
019.41	Calcium, ICP, Dry ash (%)	0848	1.215	0.0100	1.249	0.0433	0.0262	23	-0.78	1%	0
019.41	Calcium, ICP, Dry ash (%)	0004	1.230	0.0400	1.249	0.0433	0.0262	23	-0.43	1%	0
019.41	Calcium, ICP, Dry ash (%)	0144	1.235	0.0300	1.249	0.0433	0.0262	23	-0.31	1%	0
019.41	Calcium, ICP, Dry ash (%)	0148	1.235	0.0900	1.249	0.0433	0.0262	23	-0.31	1%	0
019.41	Calcium, ICP, Dry ash (%)	0066	1.242	0.0150	1.249	0.0433	0.0262	23	-0.16	0%	0
019.41	Calcium, ICP, Dry ash (%)	0208	1.243	0.0360	1.249	0.0433	0.0262	23	-0.13	0%	0
019.41	Calcium, ICP, Dry ash (%)	0019	1.245	0.0300	1.249	0.0433	0.0262	23	-0.08	0%	0
019.41	Calcium, ICP, Dry ash (%)	0720	1.250	0.0000	1.249	0.0433	0.0262	23	0.03	0%	0
019.41	Calcium, ICP, Dry ash (%)	2259	1.261	0.0090	1.249	0.0433	0.0262	23	0.27	0%	0

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019.41	Calcium, ICP, Dry ash (%)	0358	1.265	0.0100	1.249	0.0433	0.0262	23	0.38	1%	0
019.41	Calcium, ICP, Dry ash (%)	0354	1.270	0.0400	1.249	0.0433	0.0262	23	0.49	1%	0
019.41	Calcium, ICP, Dry ash (%)	0407	1.277	0.0073	1.249	0.0433	0.0262	23	0.66	1%	0
019.41	Calcium, ICP, Dry ash (%)	0123	1.280	0.0200	1.249	0.0433	0.0262	23	0.72	1%	0
019.41	Calcium, ICP, Dry ash (%)	0619	1.280	0.0400	1.249	0.0433	0.0262	23	0.72	1%	0
019.41	Calcium, ICP, Dry ash (%)	0598	1.282	0.0010	1.249	0.0433	0.0262	23	0.76	1%	0
019.41	Calcium, ICP, Dry ash (%)	0049	1.300	0.0000	1.249	0.0433	0.0262	23	1.19	2%	0
019.41	Calcium, ICP, Dry ash (%)	0685	1.315	0.0100	1.249	0.0433	0.0262	23	1.53	3%	0
019.41	Calcium, ICP, Dry ash (%)	0226	1.320	0.0200	1.249	0.0433	0.0262	23	1.65	3%	0
019.42	Calcium, ICP, Open vessel (%)	2129	1.060	0.1000	1.260	0.1140	0.0539	18	-1.76	8%	0
019.42	Calcium, ICP, Open vessel (%)	0278	1.090	0.1800	1.260	0.1140	0.0539	18	-1.49	7%	0
019.42	Calcium, ICP, Open vessel (%)	2319	1.135	0.0300	1.260	0.1140	0.0539	18	-1.10	5%	0
019.42	Calcium, ICP, Open vessel (%)	0096	1.141	0.1023	1.260	0.1140	0.0539	18	-1.04	5%	0
019.42	Calcium, ICP, Open vessel (%)	0009	1.216	0.0296	1.260	0.1140	0.0539	18	-0.39	2%	0
019.42	Calcium, ICP, Open vessel (%)	0263	1.228	0.0050	1.260	0.1140	0.0539	18	-0.29	1%	0
019.42	Calcium, ICP, Open vessel (%)	0870	1.229	0.0590	1.260	0.1140	0.0539	18	-0.28	1%	0
019.42	Calcium, ICP, Open vessel (%)	0693	1.237	0.0200	1.260	0.1140	0.0539	18	-0.20	1%	0
019.42	Calcium, ICP, Open vessel (%)	0042	1.255	0.1500	1.260	0.1140	0.0539	18	-0.04	0%	0
019.42	Calcium, ICP, Open vessel (%)	0045	1.275	0.0300	1.260	0.1140	0.0539	18	0.13	1%	0
019.42	Calcium, ICP, Open vessel (%)	0294	1.285	0.0300	1.260	0.1140	0.0539	18	0.22	1%	0
019.42	Calcium, ICP, Open vessel (%)	0035	1.310	0.0200	1.260	0.1140	0.0539	18	0.44	2%	0
019.42	Calcium, ICP, Open vessel (%)	0037	1.315	0.0570	1.260	0.1140	0.0539	18	0.48	2%	0
019.42	Calcium, ICP, Open vessel (%)	0265	1.335	0.0900	1.260	0.1140	0.0539	18	0.66	3%	0
019.42	Calcium, ICP, Open vessel (%)	0186	1.338	0.0400	1.260	0.1140	0.0539	18	0.68	3%	0
019.42	Calcium, ICP, Open vessel (%)	0357	1.375	0.0065	1.260	0.1140	0.0539	18	1.01	5%	0
019.42	Calcium, ICP, Open vessel (%)	0190	1.415	0.0100	1.260	0.1140	0.0539	18	1.36	6%	0
019.42	Calcium, ICP, Open vessel (%)	0726	1.415	0.0100	1.260	0.1140	0.0539	18	1.36	6%	0
019.43	Calcium, ICP, Microwave (%)	0511	1.120	0.0400	1.268	0.0469	0.0213	29	-3.15	6%	0
019.43	Calcium, ICP, Microwave (%)	0043	1.176	0.0113	1.268	0.0469	0.0213	29	-1.95	4%	0
019.43	Calcium, ICP, Microwave (%)	0510	1.200	0.0000	1.268	0.0469	0.0213	29	-1.45	3%	0
019.43	Calcium, ICP, Microwave (%)	0017	1.212	0.0036	1.268	0.0469	0.0213	29	-1.19	2%	0
019.43	Calcium, ICP, Microwave (%)	0083	1.220	0.0200	1.268	0.0469	0.0213	29	-1.02	2%	0
019.43	Calcium, ICP, Microwave (%)	0675	1.220	0.0000	1.268	0.0469	0.0213	29	-1.02	2%	0
019.43	Calcium, ICP, Microwave (%)	0033	1.235	0.0300	1.268	0.0469	0.0213	29	-0.70	1%	0
019.43	Calcium, ICP, Microwave (%)	0505	1.235	0.0100	1.268	0.0469	0.0213	29	-0.70	1%	0
019.43	Calcium, ICP, Microwave (%)	0036	1.240	0.0119	1.268	0.0469	0.0213	29	-0.59	1%	0
019.43	Calcium, ICP, Microwave (%)	0682	1.250	0.0000	1.268	0.0469	0.0213	29	-0.38	1%	0
019.43	Calcium, ICP, Microwave (%)	0876	1.265	0.0900	1.268	0.0469	0.0213	29	-0.06	0%	0
019.43	Calcium, ICP, Microwave (%)	0027	1.269	0.0400	1.268	0.0469	0.0213	29	0.02	0%	0
019.43	Calcium, ICP, Microwave (%)	0297	1.270	0.0400	1.268	0.0469	0.0213	29	0.04	0%	0
019.43	Calcium, ICP, Microwave (%)	2192	1.270	0.0200	1.268	0.0469	0.0213	29	0.04	0%	0
019.43	Calcium, ICP, Microwave (%)	0010	1.275	0.0100	1.268	0.0469	0.0213	29	0.15	0%	0

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019.43	Calcium, ICP, Microwave (%)	0032	1.275	0.0300	1.268	0.0469	0.0213	29	0.15	0%	0
019.43	Calcium, ICP, Microwave (%)	0870	1.278	0.0050	1.268	0.0469	0.0213	29	0.20	0%	0
019.43	Calcium, ICP, Microwave (%)	0353	1.280	0.0600	1.268	0.0469	0.0213	29	0.26	0%	0
019.43	Calcium, ICP, Microwave (%)	0425	1.280	0.0400	1.268	0.0469	0.0213	29	0.26	0%	0
019.43	Calcium, ICP, Microwave (%)	2089	1.280	0.0000	1.268	0.0469	0.0213	29	0.26	0%	0
019.43	Calcium, ICP, Microwave (%)	0610	1.285	0.0300	1.268	0.0469	0.0213	29	0.36	1%	0
019.43	Calcium, ICP, Microwave (%)	0918	1.297	0.0020	1.268	0.0469	0.0213	29	0.62	1%	0
019.43	Calcium, ICP, Microwave (%)	0345	1.298	0.0230	1.268	0.0469	0.0213	29	0.63	1%	0
019.43	Calcium, ICP, Microwave (%)	0968	1.310	0.0110	1.268	0.0469	0.0213	29	0.88	2%	0
019.43	Calcium, ICP, Microwave (%)	2326	1.310	0.0000	1.268	0.0469	0.0213	29	0.89	2%	0
019.43	Calcium, ICP, Microwave (%)	0407	1.312	0.0009	1.268	0.0469	0.0213	29	0.93	2%	0
019.43	Calcium, ICP, Microwave (%)	0035	1.335	0.0100	1.268	0.0469	0.0213	29	1.43	3%	0
019.43	Calcium, ICP, Microwave (%)	0202	1.405	0.0700	1.268	0.0469	0.0213	29	2.92	5%	0
019.43	Calcium, ICP, Microwave (%)	2322	1.535	0.0100	1.268	0.0469	0.0213	29	5.69	11%	0
019.43	Calcium, ICP, Microwave (%)	0098	1.190	0.1400	1.268	0.0469	0.0213	29	-1.66	3%	1
019.43	Calcium, ICP, Microwave (%)	0089	2.200	0.0000	1.268	0.0469	0.0213	29	19.86	37%	2
019.44	Calcium, ICP, Dry ash (%)	0164	1.215	0.0100				1			0
019.51	Calcium, ICP-MS, Dry ash (%)	2146	1.215	0.0500				1			0
019.52	Calcium, ICP-MS, Open vessel (%)	0186	1.211	0.0830	1.304	0.0953	0.0853	5			0
019.52	Calcium, ICP-MS, Open vessel (%)	0560	1.228	0.0494	1.304	0.0953	0.0853	5			0
019.52	Calcium, ICP-MS, Open vessel (%)	0154	1.307	0.0071	1.304	0.0953	0.0853	5			0
019.52	Calcium, ICP-MS, Open vessel (%)	0096	1.326	0.2071	1.304	0.0953	0.0853	5			0
019.52	Calcium, ICP-MS, Open vessel (%)	0016	1.450	0.0800	1.304	0.0953	0.0853	5			0
019.53	Calcium, ICP-MS, Microwave (%)	0572	1.165	0.0100	1.255	0.0623	0.0323	5			0
019.53	Calcium, ICP-MS, Microwave (%)	0553	1.225	0.0500	1.255	0.0623	0.0323	5			0
019.53	Calcium, ICP-MS, Microwave (%)	0939	1.265	0.0900	1.255	0.0623	0.0323	5			0
019.53	Calcium, ICP-MS, Microwave (%)	0199	1.300	0.0000	1.255	0.0623	0.0323	5			0
019.53	Calcium, ICP-MS, Microwave (%)	0407	1.321	0.0113	1.255	0.0623	0.0323	5			0
019.99	Calcium, Miscellaneous (%)	0242	1.140	0.0400				3			0
019.99	Calcium, Miscellaneous (%)	0100	1.260	0.0200				3			0
019.99	Calcium, Miscellaneous (%)	0889	1.265	0.0100				3			0
021.31	Cobalt, AAS, Dry ash (ppm)	0164	1.950	0.1000				2			0
021.31	Cobalt, AAS, Dry ash (ppm)	0939	2.560	0.0200				2			0
021.41	Cobalt, ICP, Dry ash (ppm)	0619	1.205	0.0300	1.756	0.3861	0.0989	4			0
021.41	Cobalt, ICP, Dry ash (ppm)	0066	1.790	0.0590	1.756	0.3861	0.0989	4			0
021.41	Cobalt, ICP, Dry ash (ppm)	0407	1.950	0.1465	1.756	0.3861	0.0989	4			0
021.41	Cobalt, ICP, Dry ash (ppm)	0148	2.080	0.1600	1.756	0.3861	0.0989	4			0
021.41	Cobalt, ICP, Dry ash (ppm)	0171	1.069	0.9660	1.756	0.3861	0.0989	4			1
021.42	Cobalt, ICP, Open vessel (ppm)	0693	1.634	0.6140				2			0
021.42	Cobalt, ICP, Open vessel (ppm)	0045	2.265	0.2300				2			0
021.43	Cobalt, ICP, Microwave (ppm)	2326	1.585	0.3500	2.042	0.3986	0.2945	9	-1.15	11%	0
021.43	Cobalt, ICP, Microwave (ppm)	0353	1.680	0.8000	2.042	0.3986	0.2945	9	-0.91	9%	0

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021.43	Cobalt, ICP, Microwave (ppm)	0345	1.800	0.0800	2.042	0.3986	0.2945	9	-0.61	6%	0
021.43	Cobalt, ICP, Microwave (ppm)	0407	1.951	0.3862	2.042	0.3986	0.2945	9	-0.23	2%	0
021.43	Cobalt, ICP, Microwave (ppm)	0510	2.020	0.0200	2.042	0.3986	0.2945	9	-0.06	1%	0
021.43	Cobalt, ICP, Microwave (ppm)	0038	2.042	0.0640	2.042	0.3986	0.2945	9	0.00	0%	0
021.43	Cobalt, ICP, Microwave (ppm)	0169	2.160	0.0200	2.042	0.3986	0.2945	9	0.30	3%	0
021.43	Cobalt, ICP, Microwave (ppm)	0682	2.500	0.0000	2.042	0.3986	0.2945	9	1.15	11%	0
021.43	Cobalt, ICP, Microwave (ppm)	0876	4.815	0.9300	2.042	0.3986	0.2945	9	6.96	68%	0
021.52	Cobalt, ICP-MS, Open vessel (ppm)	0016	1.735	0.2100	1.970	0.2655	0.0796	4			0
021.52	Cobalt, ICP-MS, Open vessel (ppm)	0096	1.746	0.0482	1.970	0.2655	0.0796	4			0
021.52	Cobalt, ICP-MS, Open vessel (ppm)	0186	2.195	0.0500	1.970	0.2655	0.0796	4			0
021.52	Cobalt, ICP-MS, Open vessel (ppm)	0560	2.205	0.0100	1.970	0.2655	0.0796	4			0
021.53	Cobalt, ICP-MS, Microwave (ppm)	0918	1.793	0.1801	2.008	0.2136	0.2138	7	-1.01	5%	0
021.53	Cobalt, ICP-MS, Microwave (ppm)	0199	1.850	0.1000	2.008	0.2136	0.2138	7	-0.74	4%	0
021.53	Cobalt, ICP-MS, Microwave (ppm)	0033	1.885	0.2100	2.008	0.2136	0.2138	7	-0.57	3%	0
021.53	Cobalt, ICP-MS, Microwave (ppm)	0939	1.970	0.3800	2.008	0.2136	0.2138	7	-0.18	1%	0
021.53	Cobalt, ICP-MS, Microwave (ppm)	0407	2.113	0.2966	2.008	0.2136	0.2138	7	0.49	3%	0
021.53	Cobalt, ICP-MS, Microwave (ppm)	0553	2.115	0.2300	2.008	0.2136	0.2138	7	0.50	3%	0
021.53	Cobalt, ICP-MS, Microwave (ppm)	0610	2.380	0.1000	2.008	0.2136	0.2138	7	1.74	9%	0
022.31	Copper, AAS, Dry ash (ppm)	2188	39.89	0.6800	47.18	6.014	1.721	12	-1.21	8%	0
022.31	Copper, AAS, Dry ash (ppm)	0921	40.39	1.410	47.18	6.014	1.721	12	-1.13	7%	0
022.31	Copper, AAS, Dry ash (ppm)	0536	40.51	0.5500	47.18	6.014	1.721	12	-1.11	7%	0
022.31	Copper, AAS, Dry ash (ppm)	0939	41.93	1.300	47.18	6.014	1.721	12	-0.87	6%	0
022.31	Copper, AAS, Dry ash (ppm)	0563	46.74	2.257	47.18	6.014	1.721	12	-0.07	0%	0
022.31	Copper, AAS, Dry ash (ppm)	0208	48.10	1.800	47.18	6.014	1.721	12	0.15	1%	0
022.31	Copper, AAS, Dry ash (ppm)	0175	50.00	4.000	47.18	6.014	1.721	12	0.47	3%	0
022.31	Copper, AAS, Dry ash (ppm)	0689	50.00	4.400	47.18	6.014	1.721	12	0.47	3%	0
022.31	Copper, AAS, Dry ash (ppm)	2196	50.50	0.0000	47.18	6.014	1.721	12	0.55	4%	0
022.31	Copper, AAS, Dry ash (ppm)	0529	50.70	1.600	47.18	6.014	1.721	12	0.59	4%	0
022.31	Copper, AAS, Dry ash (ppm)	0001	51.21	1.650	47.18	6.014	1.721	12	0.67	4%	0
022.31	Copper, AAS, Dry ash (ppm)	0651	59.48	1.000	47.18	6.014	1.721	12	2.05	13%	0
022.32	Copper, AAS, Open vessel (ppm)	0038	48.50	0.8000				1			0
022.33	Copper, AAS, Microwave (ppm)	2022	46.85	0.3000				3			0
022.33	Copper, AAS, Microwave (ppm)	0948	47.59	0.6100				3			0
022.33	Copper, AAS, Microwave (ppm)	0010	48.00	0.0000				3			0
022.41	Copper, ICP, Dry ash (ppm)	0653	42.94	0.6200	45.99	2.438	1.734	16	-1.25	3%	0
022.41	Copper, ICP, Dry ash (ppm)	0619	42.95	1.900	45.99	2.438	1.734	16	-1.25	3%	0
022.41	Copper, ICP, Dry ash (ppm)	0171	43.60	0.6000	45.99	2.438	1.734	16	-0.98	3%	0
022.41	Copper, ICP, Dry ash (ppm)	0148	43.62	5.301	45.99	2.438	1.734	16	-0.97	3%	0
022.41	Copper, ICP, Dry ash (ppm)	0049	43.74	2.090	45.99	2.438	1.734	16	-0.92	2%	0
022.41	Copper, ICP, Dry ash (ppm)	0520	45.50	1.000	45.99	2.438	1.734	16	-0.20	1%	0
022.41	Copper, ICP, Dry ash (ppm)	0598	45.64	0.4000	45.99	2.438	1.734	16	-0.14	0%	0
022.41	Copper, ICP, Dry ash (ppm)	0407	45.68	0.4412	45.99	2.438	1.734	16	-0.12	0%	0

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022.41	Copper, ICP, Dry ash (ppm)	0098	46.04	3.840	45.99	2.438	1.734	16	0.02	0%	0
022.41	Copper, ICP, Dry ash (ppm)	0358	46.69	0.1100	45.99	2.438	1.734	16	0.29	1%	0
022.41	Copper, ICP, Dry ash (ppm)	0229	47.36	6.750	45.99	2.438	1.734	16	0.56	1%	0
022.41	Copper, ICP, Dry ash (ppm)	0720	47.70	2.080	45.99	2.438	1.734	16	0.70	2%	0
022.41	Copper, ICP, Dry ash (ppm)	0354	47.98	0.5800	45.99	2.438	1.734	16	0.82	2%	0
022.41	Copper, ICP, Dry ash (ppm)	0208	48.12	0.1800	45.99	2.438	1.734	16	0.88	2%	0
022.41	Copper, ICP, Dry ash (ppm)	0019	48.59	0.5400	45.99	2.438	1.734	16	1.07	3%	0
022.41	Copper, ICP, Dry ash (ppm)	0226	51.08	1.310	45.99	2.438	1.734	16	2.09	6%	0
022.42	Copper, ICP, Open vessel (ppm)	0278	41.50	2.000	48.39	2.992	1.004	18	-2.30	7%	0
022.42	Copper, ICP, Open vessel (ppm)	2129	42.72	0.5500	48.39	2.992	1.004	18	-1.90	6%	0
022.42	Copper, ICP, Open vessel (ppm)	2319	45.90	0.4000	48.39	2.992	1.004	18	-0.83	3%	0
022.42	Copper, ICP, Open vessel (ppm)	0035	45.92	0.0100	48.39	2.992	1.004	18	-0.83	3%	0
022.42	Copper, ICP, Open vessel (ppm)	0096	46.22	2.122	48.39	2.992	1.004	18	-0.73	2%	0
022.42	Copper, ICP, Open vessel (ppm)	0263	46.49	0.3670	48.39	2.992	1.004	18	-0.63	2%	0
022.42	Copper, ICP, Open vessel (ppm)	0726	46.90	0.3200	48.39	2.992	1.004	18	-0.50	2%	0
022.42	Copper, ICP, Open vessel (ppm)	0045	47.75	0.3000	48.39	2.992	1.004	18	-0.21	1%	0
022.42	Copper, ICP, Open vessel (ppm)	0693	48.69	1.399	48.39	2.992	1.004	18	0.10	0%	0
022.42	Copper, ICP, Open vessel (ppm)	0042	49.05	0.9000	48.39	2.992	1.004	18	0.22	1%	0
022.42	Copper, ICP, Open vessel (ppm)	0190	49.51	1.090	48.39	2.992	1.004	18	0.37	1%	0
022.42	Copper, ICP, Open vessel (ppm)	0265	49.85	2.700	48.39	2.992	1.004	18	0.49	2%	0
022.42	Copper, ICP, Open vessel (ppm)	0294	50.06	1.720	48.39	2.992	1.004	18	0.56	2%	0
022.42	Copper, ICP, Open vessel (ppm)	0357	50.39	0.1100	48.39	2.992	1.004	18	0.67	2%	0
022.42	Copper, ICP, Open vessel (ppm)	0009	51.00	0.0000	48.39	2.992	1.004	18	0.87	3%	0
022.42	Copper, ICP, Open vessel (ppm)	0685	51.12	0.0100	48.39	2.992	1.004	18	0.91	3%	0
022.42	Copper, ICP, Open vessel (ppm)	0186	51.50	3.000	48.39	2.992	1.004	18	1.04	3%	0
022.42	Copper, ICP, Open vessel (ppm)	0870	53.03	1.070	48.39	2.992	1.004	18	1.55	5%	0
022.42	Copper, ICP, Open vessel (ppm)	0037	52.75	6.100	48.39	2.992	1.004	18	1.46	5%	1
022.43	Copper, ICP, Microwave (ppm)	0169	43.90	0.2000	49.09	3.896	1.014	27	-1.33	5%	0
022.43	Copper, ICP, Microwave (ppm)	0035	45.14	0.6600	49.09	3.896	1.014	27	-1.01	4%	0
022.43	Copper, ICP, Microwave (ppm)	2089	45.22	0.2700	49.09	3.896	1.014	27	-1.00	4%	0
022.43	Copper, ICP, Microwave (ppm)	0918	45.24	0.6500	49.09	3.896	1.014	27	-0.99	4%	0
022.43	Copper, ICP, Microwave (ppm)	0083	46.00	2.000	49.09	3.896	1.014	27	-0.79	3%	0
022.43	Copper, ICP, Microwave (ppm)	0017	46.49	0.3626	49.09	3.896	1.014	27	-0.67	3%	0
022.43	Copper, ICP, Microwave (ppm)	0682	46.60	0.0000	49.09	3.896	1.014	27	-0.64	3%	0
022.43	Copper, ICP, Microwave (ppm)	2326	46.70	2.600	49.09	3.896	1.014	27	-0.61	2%	0
022.43	Copper, ICP, Microwave (ppm)	0297	47.00	0.0000	49.09	3.896	1.014	27	-0.54	2%	0
022.43	Copper, ICP, Microwave (ppm)	2322	47.30	0.1600	49.09	3.896	1.014	27	-0.46	2%	0
022.43	Copper, ICP, Microwave (ppm)	0407	47.38	0.1239	49.09	3.896	1.014	27	-0.44	2%	0
022.43	Copper, ICP, Microwave (ppm)	0098	47.48	0.6000	49.09	3.896	1.014	27	-0.41	2%	0
022.43	Copper, ICP, Microwave (ppm)	0510	48.00	0.0000	49.09	3.896	1.014	27	-0.28	1%	0
022.43	Copper, ICP, Microwave (ppm)	0033	48.25	0.3000	49.09	3.896	1.014	27	-0.22	1%	0
022.43	Copper, ICP, Microwave (ppm)	0202	48.30	1.000	49.09	3.896	1.014	27	-0.20	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			
022.43	Copper, ICP, Microwave (ppm)	0345	48.30	0.4000	49.09	3.896	1.014	27	-0.20	1%	0
022.43	Copper, ICP, Microwave (ppm)	0425	49.01	0.7800	49.09	3.896	1.014	27	-0.02	0%	0
022.43	Copper, ICP, Microwave (ppm)	0505	49.25	0.3700	49.09	3.896	1.014	27	0.04	0%	0
022.43	Copper, ICP, Microwave (ppm)	0027	49.93	1.161	49.09	3.896	1.014	27	0.22	1%	0
022.43	Copper, ICP, Microwave (ppm)	0968	51.00	0.0000	49.09	3.896	1.014	27	0.49	2%	0
022.43	Copper, ICP, Microwave (ppm)	0353	52.00	4.000	49.09	3.896	1.014	27	0.75	3%	0
022.43	Copper, ICP, Microwave (ppm)	0610	53.60	1.600	49.09	3.896	1.014	27	1.16	5%	0
022.43	Copper, ICP, Microwave (ppm)	2192	54.05	2.500	49.09	3.896	1.014	27	1.27	5%	0
022.43	Copper, ICP, Microwave (ppm)	0038	54.55	1.110	49.09	3.896	1.014	27	1.40	6%	0
022.43	Copper, ICP, Microwave (ppm)	0870	55.68	0.4000	49.09	3.896	1.014	27	1.69	7%	0
022.43	Copper, ICP, Microwave (ppm)	0511	58.00	2.000	49.09	3.896	1.014	27	2.29	9%	0
022.43	Copper, ICP, Microwave (ppm)	0675	64.65	4.130	49.09	3.896	1.014	27	3.99	16%	0
022.43	Copper, ICP, Microwave (ppm)	0032	69.35	8.100	49.09	3.896	1.014	27	5.20	21%	1
022.44	Copper, ICP, Dry ash (ppm)	0164	47.00	0.0000				2			0
022.44	Copper, ICP, Dry ash (ppm)	0066	48.97	2.350				2			0
022.52	Copper, ICP-MS, Open vessel (ppm)	0560	45.95	0.5000	49.53	3.081	4.084	4			0
022.52	Copper, ICP-MS, Open vessel (ppm)	0186	48.00	4.000	49.53	3.081	4.084	4			0
022.52	Copper, ICP-MS, Open vessel (ppm)	0016	51.70	2.200	49.53	3.081	4.084	4			0
022.52	Copper, ICP-MS, Open vessel (ppm)	0096	52.46	9.637	49.53	3.081	4.084	4			0
022.53	Copper, ICP-MS, Microwave (ppm)	0572	44.35	2.900	47.01	3.575	3.298	6	-0.74	3%	0
022.53	Copper, ICP-MS, Microwave (ppm)	0033	44.60	4.400	47.01	3.575	3.298	6	-0.67	3%	0
022.53	Copper, ICP-MS, Microwave (ppm)	0553	45.15	0.1000	47.01	3.575	3.298	6	-0.52	2%	0
022.53	Copper, ICP-MS, Microwave (ppm)	0407	46.47	3.659	47.01	3.575	3.298	6	-0.15	1%	0
022.53	Copper, ICP-MS, Microwave (ppm)	0939	49.10	6.730	47.01	3.575	3.298	6	0.58	2%	0
022.53	Copper, ICP-MS, Microwave (ppm)	0199	54.00	2.000	47.01	3.575	3.298	6	1.96	7%	0
022.99	Copper, Miscellaneous (ppm)	0100	45.00	2.000				2			0
022.99	Copper, Miscellaneous (ppm)	0242	45.50	1.000				2			0
025.31	Iron, AAS, Dry ash (ppm)	0689	178.2	7.700	236.4	23.60	5.427	11	-2.47	12%	0
025.31	Iron, AAS, Dry ash (ppm)	0563	207.7	6.013	236.4	23.60	5.427	11	-1.22	6%	0
025.31	Iron, AAS, Dry ash (ppm)	2188	223.9	7.360	236.4	23.60	5.427	11	-0.53	3%	0
025.31	Iron, AAS, Dry ash (ppm)	0939	228.7	5.500	236.4	23.60	5.427	11	-0.33	2%	0
025.31	Iron, AAS, Dry ash (ppm)	0536	230.5	2.300	236.4	23.60	5.427	11	-0.25	1%	0
025.31	Iron, AAS, Dry ash (ppm)	2196	240.7	0.0000	236.4	23.60	5.427	11	0.18	1%	0
025.31	Iron, AAS, Dry ash (ppm)	0175	242.0	4.000	236.4	23.60	5.427	11	0.24	1%	0
025.31	Iron, AAS, Dry ash (ppm)	0208	248.0	2.000	236.4	23.60	5.427	11	0.49	2%	0
025.31	Iron, AAS, Dry ash (ppm)	0651	252.2	8.220	236.4	23.60	5.427	11	0.67	3%	0
025.31	Iron, AAS, Dry ash (ppm)	0529	254.2	3.600	236.4	23.60	5.427	11	0.75	4%	0
025.31	Iron, AAS, Dry ash (ppm)	0038	276.5	13.00	236.4	23.60	5.427	11	1.70	8%	0
025.33	Iron, AAS, Microwave (ppm)	2022	245.7	1.950				1			0
025.41	Iron, ICP, Dry ash (ppm)	0619	180.7	0.8570	222.3	14.09	5.758	19	-2.95	9%	0
025.41	Iron, ICP, Dry ash (ppm)	0653	201.3	5.400	222.3	14.09	5.758	19	-1.49	5%	0
025.41	Iron, ICP, Dry ash (ppm)	0226	208.0	18.01	222.3	14.09	5.758	19	-1.01	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			
025.41	Iron, ICP, Dry ash (ppm)	0720	208.2	2.000	222.3	14.09	5.758	19	-1.00	3%	0
025.41	Iron, ICP, Dry ash (ppm)	0354	215.2	2.920	222.3	14.09	5.758	19	-0.51	2%	0
025.41	Iron, ICP, Dry ash (ppm)	0123	215.5	5.000	222.3	14.09	5.758	19	-0.48	2%	0
025.41	Iron, ICP, Dry ash (ppm)	0066	216.8	3.280	222.3	14.09	5.758	19	-0.39	1%	0
025.41	Iron, ICP, Dry ash (ppm)	0164	218.0	0.0000	222.3	14.09	5.758	19	-0.30	1%	0
025.41	Iron, ICP, Dry ash (ppm)	0407	219.9	1.352	222.3	14.09	5.758	19	-0.17	1%	0
025.41	Iron, ICP, Dry ash (ppm)	0598	222.7	2.800	222.3	14.09	5.758	19	0.03	0%	0
025.41	Iron, ICP, Dry ash (ppm)	0098	225.4	5.900	222.3	14.09	5.758	19	0.22	1%	0
025.41	Iron, ICP, Dry ash (ppm)	0171	226.5	2.200	222.3	14.09	5.758	19	0.30	1%	0
025.41	Iron, ICP, Dry ash (ppm)	0520	227.0	8.000	222.3	14.09	5.758	19	0.34	1%	0
025.41	Iron, ICP, Dry ash (ppm)	0358	228.6	7.300	222.3	14.09	5.758	19	0.45	1%	0
025.41	Iron, ICP, Dry ash (ppm)	0049	233.9	0.7100	222.3	14.09	5.758	19	0.83	3%	0
025.41	Iron, ICP, Dry ash (ppm)	0208	236.2	8.700	222.3	14.09	5.758	19	0.98	3%	0
025.41	Iron, ICP, Dry ash (ppm)	0019	237.3	0.5000	222.3	14.09	5.758	19	1.06	3%	0
025.41	Iron, ICP, Dry ash (ppm)	0229	239.3	14.21	222.3	14.09	5.758	19	1.21	4%	0
025.41	Iron, ICP, Dry ash (ppm)	0148	242.5	20.26	222.3	14.09	5.758	19	1.44	5%	0
025.42	Iron, ICP, Open vessel (ppm)	0726	190.6	5.300	223.8	16.34	8.075	15	-2.04	7%	0
025.42	Iron, ICP, Open vessel (ppm)	0096	193.2	25.97	223.8	16.34	8.075	15	-1.87	7%	0
025.42	Iron, ICP, Open vessel (ppm)	0294	204.3	0.1800	223.8	16.34	8.075	15	-1.20	4%	0
025.42	Iron, ICP, Open vessel (ppm)	2319	213.5	5.000	223.8	16.34	8.075	15	-0.63	2%	0
025.42	Iron, ICP, Open vessel (ppm)	0870	218.6	4.600	223.8	16.34	8.075	15	-0.32	1%	0
025.42	Iron, ICP, Open vessel (ppm)	0263	219.6	1.034	223.8	16.34	8.075	15	-0.26	1%	0
025.42	Iron, ICP, Open vessel (ppm)	2129	226.0	2.000	223.8	16.34	8.075	15	0.13	0%	0
025.42	Iron, ICP, Open vessel (ppm)	0265	226.5	7.000	223.8	16.34	8.075	15	0.16	1%	0
025.42	Iron, ICP, Open vessel (ppm)	0042	228.0	30.00	223.8	16.34	8.075	15	0.26	1%	0
025.42	Iron, ICP, Open vessel (ppm)	0278	232.0	18.00	223.8	16.34	8.075	15	0.50	2%	0
025.42	Iron, ICP, Open vessel (ppm)	0190	233.2	3.070	223.8	16.34	8.075	15	0.57	2%	0
025.42	Iron, ICP, Open vessel (ppm)	0035	236.5	0.1000	223.8	16.34	8.075	15	0.77	3%	0
025.42	Iron, ICP, Open vessel (ppm)	0045	237.5	7.000	223.8	16.34	8.075	15	0.84	3%	0
025.42	Iron, ICP, Open vessel (ppm)	0693	239.5	4.579	223.8	16.34	8.075	15	0.96	3%	0
025.42	Iron, ICP, Open vessel (ppm)	0037	243.8	7.300	223.8	16.34	8.075	15	1.22	4%	0
025.43	Iron, ICP, Microwave (ppm)	2322	50.73	1.740	233.9	17.49	7.905	27	-10.48	39%	0
025.43	Iron, ICP, Microwave (ppm)	0511	213.0	0.0000	233.9	17.49	7.905	27	-1.20	4%	0
025.43	Iron, ICP, Microwave (ppm)	0675	213.2	0.4700	233.9	17.49	7.905	27	-1.18	4%	0
025.43	Iron, ICP, Microwave (ppm)	2089	218.8	30.49	233.9	17.49	7.905	27	-0.87	3%	0
025.43	Iron, ICP, Microwave (ppm)	0510	221.0	0.0000	233.9	17.49	7.905	27	-0.74	3%	0
025.43	Iron, ICP, Microwave (ppm)	0169	221.5	1.000	233.9	17.49	7.905	27	-0.71	3%	0
025.43	Iron, ICP, Microwave (ppm)	0407	222.1	7.304	233.9	17.49	7.905	27	-0.67	3%	0
025.43	Iron, ICP, Microwave (ppm)	0297	223.0	6.000	233.9	17.49	7.905	27	-0.63	2%	0
025.43	Iron, ICP, Microwave (ppm)	0032	225.0	12.00	233.9	17.49	7.905	27	-0.51	2%	0
025.43	Iron, ICP, Microwave (ppm)	0017	226.3	4.539	233.9	17.49	7.905	27	-0.43	2%	0
025.43	Iron, ICP, Microwave (ppm)	0353	227.5	1.000	233.9	17.49	7.905	27	-0.37	1%	0

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025.43	Iron, ICP, Microwave (ppm)	0870	228.7	0.2000	233.9	17.49	7.905	27	-0.30	1%	0
025.43	Iron, ICP, Microwave (ppm)	0083	229.0	0.0000	233.9	17.49	7.905	27	-0.28	1%	0
025.43	Iron, ICP, Microwave (ppm)	0345	231.2	5.800	233.9	17.49	7.905	27	-0.16	1%	0
025.43	Iron, ICP, Microwave (ppm)	0425	231.8	14.70	233.9	17.49	7.905	27	-0.12	0%	0
025.43	Iron, ICP, Microwave (ppm)	0033	235.0	0.0000	233.9	17.49	7.905	27	0.06	0%	0
025.43	Iron, ICP, Microwave (ppm)	0505	236.0	5.800	233.9	17.49	7.905	27	0.12	0%	0
025.43	Iron, ICP, Microwave (ppm)	0098	236.9	8.000	233.9	17.49	7.905	27	0.17	1%	0
025.43	Iron, ICP, Microwave (ppm)	0918	237.4	1.230	233.9	17.49	7.905	27	0.20	1%	0
025.43	Iron, ICP, Microwave (ppm)	0610	242.0	0.0000	233.9	17.49	7.905	27	0.46	2%	0
025.43	Iron, ICP, Microwave (ppm)	0968	245.5	1.000	233.9	17.49	7.905	27	0.66	2%	0
025.43	Iron, ICP, Microwave (ppm)	0035	249.6	2.600	233.9	17.49	7.905	27	0.90	3%	0
025.43	Iron, ICP, Microwave (ppm)	2326	256.0	8.000	233.9	17.49	7.905	27	1.26	5%	0
025.43	Iron, ICP, Microwave (ppm)	0876	257.5	58.55	233.9	17.49	7.905	27	1.35	5%	0
025.43	Iron, ICP, Microwave (ppm)	2192	261.5	13.00	233.9	17.49	7.905	27	1.58	6%	0
025.43	Iron, ICP, Microwave (ppm)	0682	271.3	0.0000	233.9	17.49	7.905	27	2.14	8%	0
025.43	Iron, ICP, Microwave (ppm)	0038	279.0	30.00	233.9	17.49	7.905	27	2.58	10%	0
025.43	Iron, ICP, Microwave (ppm)	0202	331.6	79.10	233.9	17.49	7.905	27	5.58	21%	1
025.52	Iron, ICP-MS, Open vessel (ppm)	0560	200.1	3.000				2			0
025.52	Iron, ICP-MS, Open vessel (ppm)	0096	230.9	34.62				2			0
025.53	Iron, ICP-MS, Microwave (ppm)	0199	216.5	1.000	224.1	5.181	5.056	4			0
025.53	Iron, ICP-MS, Microwave (ppm)	0553	225.5	3.000	224.1	5.181	5.056	4			0
025.53	Iron, ICP-MS, Microwave (ppm)	0939	226.0	6.000	224.1	5.181	5.056	4			0
025.53	Iron, ICP-MS, Microwave (ppm)	0407	228.2	10.22	224.1	5.181	5.056	4			0
025.99	Iron, Miscellaneous (ppm)	0242	217.0	4.000				2			0
025.99	Iron, Miscellaneous (ppm)	0100	231.0	2.000				2			0
027.31	Magnesium, AAS, Dry ash (%)	0175	0.2500	0.0000	0.2642	0.0121	0.0038	7	-1.17	3%	0
027.31	Magnesium, AAS, Dry ash (%)	0142	0.2548	0.0093	0.2642	0.0121	0.0038	7	-0.78	2%	0
027.31	Magnesium, AAS, Dry ash (%)	0208	0.2575	0.0010	0.2642	0.0121	0.0038	7	-0.55	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0939	0.2650	0.0100	0.2642	0.0121	0.0038	7	0.06	0%	0
027.31	Magnesium, AAS, Dry ash (%)	2196	0.2700	0.0000	0.2642	0.0121	0.0038	7	0.48	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0563	0.2724	0.0063	0.2642	0.0121	0.0038	7	0.67	2%	0
027.31	Magnesium, AAS, Dry ash (%)	0536	0.2800	0.0000	0.2642	0.0121	0.0038	7	1.30	3%	0
027.32	Magnesium, AAS, Open vessel (%)	0169	0.2250	0.0100				1			0
027.33	Magnesium, AAS, Microwave (%)	0948	0.2735	0.0030				1			0
027.41	Magnesium, ICP, Dry ash (%)	0098	0.2450	0.0100	0.2574	0.0103	0.0084	16	-1.21	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0171	0.2485	0.0030	0.2574	0.0103	0.0084	16	-0.87	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0019	0.2500	0.0200	0.2574	0.0103	0.0084	16	-0.72	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0049	0.2500	0.0000	0.2574	0.0103	0.0084	16	-0.72	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0229	0.2500	0.0200	0.2574	0.0103	0.0084	16	-0.72	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0520	0.2500	0.0200	0.2574	0.0103	0.0084	16	-0.72	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0720	0.2500	0.0000	0.2574	0.0103	0.0084	16	-0.72	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0407	0.2520	0.0219	0.2574	0.0103	0.0084	16	-0.53	1%	0

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027.41	Magnesium, ICP, Dry ash (%)	0208	0.2595	0.0050	0.2574	0.0103	0.0084	16	0.20	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0598	0.2596	0.0000	0.2574	0.0103	0.0084	16	0.21	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0226	0.2600	0.0000	0.2574	0.0103	0.0084	16	0.25	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0358	0.2650	0.0100	0.2574	0.0103	0.0084	16	0.74	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0653	0.2695	0.0010	0.2574	0.0103	0.0084	16	1.17	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0066	0.2700	0.0040	0.2574	0.0103	0.0084	16	1.22	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0148	0.2700	0.0200	0.2574	0.0103	0.0084	16	1.22	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0354	0.2700	0.0000	0.2574	0.0103	0.0084	16	1.22	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0096	0.2320	0.0188	0.2630	0.0129	0.0077	16	-2.41	6%	0
027.42	Magnesium, ICP, Open vessel (%)	2129	0.2355	0.0010	0.2630	0.0129	0.0077	16	-2.13	5%	0
027.42	Magnesium, ICP, Open vessel (%)	0186	0.2442	0.0114	0.2630	0.0129	0.0077	16	-1.46	4%	0
027.42	Magnesium, ICP, Open vessel (%)	0870	0.2531	0.0106	0.2630	0.0129	0.0077	16	-0.77	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0726	0.2600	0.0000	0.2630	0.0129	0.0077	16	-0.23	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0263	0.2630	0.0020	0.2630	0.0129	0.0077	16	0.00	0%	0
027.42	Magnesium, ICP, Open vessel (%)	0045	0.2645	0.0010	0.2630	0.0129	0.0077	16	0.12	0%	0
027.42	Magnesium, ICP, Open vessel (%)	0265	0.2650	0.0100	0.2630	0.0129	0.0077	16	0.16	0%	0
027.42	Magnesium, ICP, Open vessel (%)	0294	0.2650	0.0100	0.2630	0.0129	0.0077	16	0.16	0%	0
027.42	Magnesium, ICP, Open vessel (%)	0042	0.2665	0.0190	0.2630	0.0129	0.0077	16	0.27	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0357	0.2668	0.0011	0.2630	0.0129	0.0077	16	0.29	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0037	0.2700	0.0060	0.2630	0.0129	0.0077	16	0.54	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0035	0.2750	0.0100	0.2630	0.0129	0.0077	16	0.93	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0190	0.2750	0.0100	0.2630	0.0129	0.0077	16	0.93	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0685	0.2750	0.0100	0.2630	0.0129	0.0077	16	0.93	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0693	0.2775	0.0030	0.2630	0.0129	0.0077	16	1.13	3%	0
027.42	Magnesium, ICP, Open vessel (%)	0278	0.2350	0.0500	0.2630	0.0129	0.0077	16	-2.17	5%	1
027.43	Magnesium, ICP, Microwave (%)	0353	0.2300	0.0200	0.2613	0.0140	0.0088	23	-2.24	6%	0
027.43	Magnesium, ICP, Microwave (%)	0083	0.2400	0.0000	0.2613	0.0140	0.0088	23	-1.52	4%	0
027.43	Magnesium, ICP, Microwave (%)	0098	0.2450	0.0300	0.2613	0.0140	0.0088	23	-1.16	3%	0
027.43	Magnesium, ICP, Microwave (%)	0407	0.2451	0.0003	0.2613	0.0140	0.0088	23	-1.16	3%	0
027.43	Magnesium, ICP, Microwave (%)	2089	0.2500	0.0000	0.2613	0.0140	0.0088	23	-0.81	2%	0
027.43	Magnesium, ICP, Microwave (%)	0870	0.2533	0.0139	0.2613	0.0140	0.0088	23	-0.57	2%	0
027.43	Magnesium, ICP, Microwave (%)	0425	0.2550	0.0100	0.2613	0.0140	0.0088	23	-0.45	1%	0
027.43	Magnesium, ICP, Microwave (%)	0675	0.2550	0.0100	0.2613	0.0140	0.0088	23	-0.45	1%	0
027.43	Magnesium, ICP, Microwave (%)	0968	0.2555	0.0010	0.2613	0.0140	0.0088	23	-0.41	1%	0
027.43	Magnesium, ICP, Microwave (%)	0202	0.2575	0.0190	0.2613	0.0140	0.0088	23	-0.27	1%	0
027.43	Magnesium, ICP, Microwave (%)	0017	0.2610	0.0110	0.2613	0.0140	0.0088	23	-0.02	0%	0
027.43	Magnesium, ICP, Microwave (%)	0032	0.2650	0.0100	0.2613	0.0140	0.0088	23	0.27	1%	0
027.43	Magnesium, ICP, Microwave (%)	0510	0.2650	0.0100	0.2613	0.0140	0.0088	23	0.27	1%	0
027.43	Magnesium, ICP, Microwave (%)	2192	0.2650	0.0100	0.2613	0.0140	0.0088	23	0.27	1%	0
027.43	Magnesium, ICP, Microwave (%)	2326	0.2650	0.0100	0.2613	0.0140	0.0088	23	0.27	1%	0
027.43	Magnesium, ICP, Microwave (%)	0345	0.2665	0.0070	0.2613	0.0140	0.0088	23	0.38	1%	0
027.43	Magnesium, ICP, Microwave (%)	0035	0.2700	0.0000	0.2613	0.0140	0.0088	23	0.63	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			
027.43	Magnesium, ICP, Microwave (%)	0297	0.2700	0.0200	0.2613	0.0140	0.0088	23	0.63	2%	0
027.43	Magnesium, ICP, Microwave (%)	0682	0.2700	0.0000	0.2613	0.0140	0.0088	23	0.63	2%	0
027.43	Magnesium, ICP, Microwave (%)	0918	0.2700	0.0100	0.2613	0.0140	0.0088	23	0.63	2%	0
027.43	Magnesium, ICP, Microwave (%)	0610	0.2800	0.0000	0.2613	0.0140	0.0088	23	1.34	4%	0
027.43	Magnesium, ICP, Microwave (%)	2322	0.2850	0.0100	0.2613	0.0140	0.0088	23	1.70	5%	0
027.43	Magnesium, ICP, Microwave (%)	0089	0.3300	0.0000	0.2613	0.0140	0.0088	23	4.92	13%	0
027.44	Magnesium, ICP, Dry ash (%)	0164	0.2560	0.0040				1			0
027.52	Magnesium, ICP-MS, Open vessel (%)	0186	0.2613	0.0178	0.2727	0.0123	0.0230	4			0
027.52	Magnesium, ICP-MS, Open vessel (%)	0096	0.2687	0.0470	0.2727	0.0123	0.0230	4			0
027.52	Magnesium, ICP-MS, Open vessel (%)	0560	0.2708	0.0253	0.2727	0.0123	0.0230	4			0
027.52	Magnesium, ICP-MS, Open vessel (%)	0154	0.2901	0.0018	0.2727	0.0123	0.0230	4			0
027.53	Magnesium, ICP-MS, Microwave (%)	0939	0.2550	0.0100	0.2642	0.0083	0.0086	5			0
027.53	Magnesium, ICP-MS, Microwave (%)	0553	0.2570	0.0000	0.2642	0.0083	0.0086	5			0
027.53	Magnesium, ICP-MS, Microwave (%)	0407	0.2652	0.0088	0.2642	0.0083	0.0086	5			0
027.53	Magnesium, ICP-MS, Microwave (%)	0572	0.2690	0.0140	0.2642	0.0083	0.0086	5			0
027.53	Magnesium, ICP-MS, Microwave (%)	0199	0.2750	0.0100	0.2642	0.0083	0.0086	5			0
027.99	Magnesium, Miscellaneous (%)	0889	0.2400	0.0000				3			0
027.99	Magnesium, Miscellaneous (%)	0242	0.2550	0.0100				3			0
027.99	Magnesium, Miscellaneous (%)	0100	0.2750	0.0100				3			0
028.31	Manganese, AAS, Dry ash (ppm)	0939	129.4	2.070	144.3	10.07	1.626	11	-1.48	5%	0
028.31	Manganese, AAS, Dry ash (ppm)	0689	131.1	0.2000	144.3	10.07	1.626	11	-1.31	5%	0
028.31	Manganese, AAS, Dry ash (ppm)	0921	138.3	0.9200	144.3	10.07	1.626	11	-0.59	2%	0
028.31	Manganese, AAS, Dry ash (ppm)	0563	139.8	3.744	144.3	10.07	1.626	11	-0.44	2%	0
028.31	Manganese, AAS, Dry ash (ppm)	2188	141.6	0.6500	144.3	10.07	1.626	11	-0.27	1%	0
028.31	Manganese, AAS, Dry ash (ppm)	0175	147.0	2.000	144.3	10.07	1.626	11	0.27	1%	0
028.31	Manganese, AAS, Dry ash (ppm)	2196	148.8	0.0000	144.3	10.07	1.626	11	0.45	2%	0
028.31	Manganese, AAS, Dry ash (ppm)	0529	150.7	2.600	144.3	10.07	1.626	11	0.64	2%	0
028.31	Manganese, AAS, Dry ash (ppm)	0536	151.1	0.2000	144.3	10.07	1.626	11	0.68	2%	0
028.31	Manganese, AAS, Dry ash (ppm)	0208	154.0	2.000	144.3	10.07	1.626	11	0.97	3%	0
028.31	Manganese, AAS, Dry ash (ppm)	0001	155.3	3.500	144.3	10.07	1.626	11	1.09	4%	0
028.31	Manganese, AAS, Dry ash (ppm)	0651	135.7	17.22	144.3	10.07	1.626	11	-0.85	3%	1
028.32	Manganese, AAS, Open vessel (ppm)	0038	151.0	1.200				1			0
028.33	Manganese, AAS, Microwave (ppm)	0948	145.9	5.080				2			0
028.33	Manganese, AAS, Microwave (ppm)	2022	183.8	1.690				2			0
028.41	Manganese, ICP, Dry ash (ppm)	0619	107.5	0.9080	139.7	14.42	4.109	16	-2.24	12%	0
028.41	Manganese, ICP, Dry ash (ppm)	0226	111.3	5.790	139.7	14.42	4.109	16	-1.97	10%	0
028.41	Manganese, ICP, Dry ash (ppm)	0354	121.3	3.280	139.7	14.42	4.109	16	-1.28	7%	0
028.41	Manganese, ICP, Dry ash (ppm)	0720	128.3	1.090	139.7	14.42	4.109	16	-0.79	4%	0
028.41	Manganese, ICP, Dry ash (ppm)	0653	132.5	1.000	139.7	14.42	4.109	16	-0.50	3%	0
028.41	Manganese, ICP, Dry ash (ppm)	0520	137.0	2.000	139.7	14.42	4.109	16	-0.19	1%	0
028.41	Manganese, ICP, Dry ash (ppm)	0171	142.8	2.200	139.7	14.42	4.109	16	0.21	1%	0
028.41	Manganese, ICP, Dry ash (ppm)	0098	142.9	5.500	139.7	14.42	4.109	16	0.22	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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028.41	Manganese, ICP, Dry ash (ppm)	0049	143.2	2.070	139.7	14.42	4.109	16	0.24	1%	0
028.41	Manganese, ICP, Dry ash (ppm)	0229	144.6	11.58	139.7	14.42	4.109	16	0.33	2%	0
028.41	Manganese, ICP, Dry ash (ppm)	0407	144.9	5.941	139.7	14.42	4.109	16	0.36	2%	0
028.41	Manganese, ICP, Dry ash (ppm)	0208	147.9	2.400	139.7	14.42	4.109	16	0.57	3%	0
028.41	Manganese, ICP, Dry ash (ppm)	0019	149.5	4.400	139.7	14.42	4.109	16	0.68	3%	0
028.41	Manganese, ICP, Dry ash (ppm)	0358	151.5	3.260	139.7	14.42	4.109	16	0.81	4%	0
028.41	Manganese, ICP, Dry ash (ppm)	0148	155.0	14.12	139.7	14.42	4.109	16	1.06	5%	0
028.41	Manganese, ICP, Dry ash (ppm)	0598	158.4	0.2000	139.7	14.42	4.109	16	1.29	7%	0
028.42	Manganese, ICP, Open vessel (ppm)	0870	135.6	4.600	151.0	11.51	4.607	18	-1.34	5%	0
028.42	Manganese, ICP, Open vessel (ppm)	0096	136.7	2.717	151.0	11.51	4.607	18	-1.24	5%	0
028.42	Manganese, ICP, Open vessel (ppm)	0263	137.8	1.446	151.0	11.51	4.607	18	-1.14	4%	0
028.42	Manganese, ICP, Open vessel (ppm)	2129	138.1	3.100	151.0	11.51	4.607	18	-1.12	4%	0
028.42	Manganese, ICP, Open vessel (ppm)	0693	140.7	4.172	151.0	11.51	4.607	18	-0.89	3%	0
028.42	Manganese, ICP, Open vessel (ppm)	0685	144.9	0.0100	151.0	11.51	4.607	18	-0.53	2%	0
028.42	Manganese, ICP, Open vessel (ppm)	0009	147.5	1.000	151.0	11.51	4.607	18	-0.30	1%	0
028.42	Manganese, ICP, Open vessel (ppm)	0042	151.0	18.00	151.0	11.51	4.607	18	0.00	0%	0
028.42	Manganese, ICP, Open vessel (ppm)	2319	151.5	7.000	151.0	11.51	4.607	18	0.05	0%	0
028.42	Manganese, ICP, Open vessel (ppm)	0035	153.9	0.6000	151.0	11.51	4.607	18	0.25	1%	0
028.42	Manganese, ICP, Open vessel (ppm)	0294	154.1	0.3300	151.0	11.51	4.607	18	0.27	1%	0
028.42	Manganese, ICP, Open vessel (ppm)	0045	154.5	5.000	151.0	11.51	4.607	18	0.31	1%	0
028.42	Manganese, ICP, Open vessel (ppm)	0186	158.0	10.00	151.0	11.51	4.607	18	0.61	2%	0
028.42	Manganese, ICP, Open vessel (ppm)	0357	159.3	3.452	151.0	11.51	4.607	18	0.73	3%	0
028.42	Manganese, ICP, Open vessel (ppm)	0726	159.4	1.000	151.0	11.51	4.607	18	0.73	3%	0
028.42	Manganese, ICP, Open vessel (ppm)	0265	162.5	9.000	151.0	11.51	4.607	18	1.00	4%	0
028.42	Manganese, ICP, Open vessel (ppm)	0190	163.8	1.600	151.0	11.51	4.607	18	1.11	4%	0
028.42	Manganese, ICP, Open vessel (ppm)	0037	170.9	9.900	151.0	11.51	4.607	18	1.73	7%	0
028.42	Manganese, ICP, Open vessel (ppm)	0278	128.0	46.00	151.0	11.51	4.607	18	-2.00	8%	1
028.43	Manganese, ICP, Microwave (ppm)	0870	129.0	2.600	148.9	7.005	3.843	26	-2.84	7%	0
028.43	Manganese, ICP, Microwave (ppm)	0511	132.0	0.0000	148.9	7.005	3.843	26	-2.41	6%	0
028.43	Manganese, ICP, Microwave (ppm)	0918	138.9	4.470	148.9	7.005	3.843	26	-1.43	3%	0
028.43	Manganese, ICP, Microwave (ppm)	0407	142.9	3.025	148.9	7.005	3.843	26	-0.85	2%	0
028.43	Manganese, ICP, Microwave (ppm)	0425	143.5	1.100	148.9	7.005	3.843	26	-0.78	2%	0
028.43	Manganese, ICP, Microwave (ppm)	0169	143.5	1.000	148.9	7.005	3.843	26	-0.77	2%	0
028.43	Manganese, ICP, Microwave (ppm)	0033	144.0	0.0000	148.9	7.005	3.843	26	-0.70	2%	0
028.43	Manganese, ICP, Microwave (ppm)	2089	144.3	1.000	148.9	7.005	3.843	26	-0.66	2%	0
028.43	Manganese, ICP, Microwave (ppm)	0017	146.3	4.934	148.9	7.005	3.843	26	-0.38	1%	0
028.43	Manganese, ICP, Microwave (ppm)	2326	146.5	3.000	148.9	7.005	3.843	26	-0.35	1%	0
028.43	Manganese, ICP, Microwave (ppm)	0510	147.0	2.000	148.9	7.005	3.843	26	-0.27	1%	0
028.43	Manganese, ICP, Microwave (ppm)	0098	148.0	6.100	148.9	7.005	3.843	26	-0.14	0%	0
028.43	Manganese, ICP, Microwave (ppm)	0083	149.0	0.0000	148.9	7.005	3.843	26	0.01	0%	0
028.43	Manganese, ICP, Microwave (ppm)	0610	149.0	10.00	148.9	7.005	3.843	26	0.01	0%	0
028.43	Manganese, ICP, Microwave (ppm)	0353	150.5	3.000	148.9	7.005	3.843	26	0.23	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)	0675	150.9	2.890	148.9	7.005	3.843	26	0.29	1%	0
028.43	Manganese, ICP, Microwave (ppm)	0297	151.0	4.000	148.9	7.005	3.843	26	0.30	1%	0
028.43	Manganese, ICP, Microwave (ppm)	0505	151.1	2.800	148.9	7.005	3.843	26	0.31	1%	0
028.43	Manganese, ICP, Microwave (ppm)	0345	152.8	6.900	148.9	7.005	3.843	26	0.55	1%	0
028.43	Manganese, ICP, Microwave (ppm)	0968	153.5	5.000	148.9	7.005	3.843	26	0.65	2%	0
028.43	Manganese, ICP, Microwave (ppm)	0035	153.8	2.600	148.9	7.005	3.843	26	0.70	2%	0
028.43	Manganese, ICP, Microwave (ppm)	0682	155.9	0.0000	148.9	7.005	3.843	26	1.00	2%	0
028.43	Manganese, ICP, Microwave (ppm)	0027	156.9	14.34	148.9	7.005	3.843	26	1.14	3%	0
028.43	Manganese, ICP, Microwave (ppm)	0032	157.0	16.00	148.9	7.005	3.843	26	1.15	3%	0
028.43	Manganese, ICP, Microwave (ppm)	2322	166.5	0.2700	148.9	7.005	3.843	26	2.51	6%	0
028.43	Manganese, ICP, Microwave (ppm)	0202	166.9	2.900	148.9	7.005	3.843	26	2.56	6%	0
028.44	Manganese, ICP, Dry ash (ppm)	0066	126.0	2.840				2			0
028.44	Manganese, ICP, Dry ash (ppm)	0164	147.0	2.000				2			0
028.52	Manganese, ICP-MS, Open vessel (ppm)	0186	153.0	8.000	159.3	7.727	12.53	4			0
028.52	Manganese, ICP-MS, Open vessel (ppm)	0560	154.4	19.50	159.3	7.727	12.53	4			0
028.52	Manganese, ICP-MS, Open vessel (ppm)	0096	160.0	20.62	159.3	7.727	12.53	4			0
028.52	Manganese, ICP-MS, Open vessel (ppm)	0016	170.0	2.000	159.3	7.727	12.53	4			0
028.53	Manganese, ICP-MS, Microwave (ppm)	0553	136.0	4.000	149.1	11.00	3.603	6	-1.19	4%	0
028.53	Manganese, ICP-MS, Microwave (ppm)	0939	143.0	2.000	149.1	11.00	3.603	6	-0.56	2%	0
028.53	Manganese, ICP-MS, Microwave (ppm)	0572	144.5	1.000	149.1	11.00	3.603	6	-0.42	2%	0
028.53	Manganese, ICP-MS, Microwave (ppm)	0407	152.8	9.618	149.1	11.00	3.603	6	0.33	1%	0
028.53	Manganese, ICP-MS, Microwave (ppm)	0199	156.0	4.000	149.1	11.00	3.603	6	0.62	2%	0
028.53	Manganese, ICP-MS, Microwave (ppm)	2192	162.5	1.000	149.1	11.00	3.603	6	1.22	4%	0
028.99	Manganese, Miscellaneous (ppm)	0242	144.5	3.000				2			0
028.99	Manganese, Miscellaneous (ppm)	0100	156.0	4.000				2			0
031.01	Phosphorus, Photometric (%)	0018	0.5180	0.0300	0.5919	0.0203	0.0109	33	-3.64	6%	0
031.01	Phosphorus, Photometric (%)	0108	0.5450	0.0100	0.5919	0.0203	0.0109	33	-2.31	4%	0
031.01	Phosphorus, Photometric (%)	0626	0.5540	0.0160	0.5919	0.0203	0.0109	33	-1.87	3%	0
031.01	Phosphorus, Photometric (%)	0689	0.5650	0.0100	0.5919	0.0203	0.0109	33	-1.33	2%	0
031.01	Phosphorus, Photometric (%)	2146	0.5650	0.0100	0.5919	0.0203	0.0109	33	-1.33	2%	0
031.01	Phosphorus, Photometric (%)	0175	0.5750	0.0100	0.5919	0.0203	0.0109	33	-0.83	1%	0
031.01	Phosphorus, Photometric (%)	2188	0.5800	0.0000	0.5919	0.0203	0.0109	33	-0.59	1%	0
031.01	Phosphorus, Photometric (%)	2325	0.5800	0.0000	0.5919	0.0203	0.0109	33	-0.59	1%	0
031.01	Phosphorus, Photometric (%)	0687	0.5800	0.0600	0.5919	0.0203	0.0109	33	-0.59	1%	0
031.01	Phosphorus, Photometric (%)	0142	0.5817	0.0099	0.5919	0.0203	0.0109	33	-0.51	1%	0
031.01	Phosphorus, Photometric (%)	0208	0.5820	0.0040	0.5919	0.0203	0.0109	33	-0.49	1%	0
031.01	Phosphorus, Photometric (%)	0016	0.5825	0.0030	0.5919	0.0203	0.0109	33	-0.47	1%	0
031.01	Phosphorus, Photometric (%)	2199	0.5850	0.0300	0.5919	0.0203	0.0109	33	-0.34	1%	0
031.01	Phosphorus, Photometric (%)	0651	0.5878	0.0172	0.5919	0.0203	0.0109	33	-0.20	0%	0
031.01	Phosphorus, Photometric (%)	0038	0.5890	0.0020	0.5919	0.0203	0.0109	33	-0.14	0%	0
031.01	Phosphorus, Photometric (%)	2196	0.5890	0.0000	0.5919	0.0203	0.0109	33	-0.14	0%	0
031.01	Phosphorus, Photometric (%)	0674	0.5900	0.0000	0.5919	0.0203	0.0109	33	-0.10	0%	0

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031.01	Phosphorus, Photometric (%)	0683	0.5950	0.0100	0.5919	0.0203	0.0109	33	0.15	0%	0
031.01	Phosphorus, Photometric (%)	0939	0.5950	0.0100	0.5919	0.0203	0.0109	33	0.15	0%	0
031.01	Phosphorus, Photometric (%)	2009	0.5966	0.0005	0.5919	0.0203	0.0109	33	0.23	0%	0
031.01	Phosphorus, Photometric (%)	2337	0.5980	0.0000	0.5919	0.0203	0.0109	33	0.30	1%	0
031.01	Phosphorus, Photometric (%)	2192	0.6000	0.0000	0.5919	0.0203	0.0109	33	0.40	1%	0
031.01	Phosphorus, Photometric (%)	2006	0.6045	0.0070	0.5919	0.0203	0.0109	33	0.62	1%	0
031.01	Phosphorus, Photometric (%)	0529	0.6050	0.0100	0.5919	0.0203	0.0109	33	0.64	1%	0
031.01	Phosphorus, Photometric (%)	2190	0.6074	0.0050	0.5919	0.0203	0.0109	33	0.76	1%	0
031.01	Phosphorus, Photometric (%)	0884	0.6100	0.0200	0.5919	0.0203	0.0109	33	0.89	2%	0
031.01	Phosphorus, Photometric (%)	2022	0.6100	0.0000	0.5919	0.0203	0.0109	33	0.89	2%	0
031.01	Phosphorus, Photometric (%)	0885	0.6128	0.0049	0.5919	0.0203	0.0109	33	1.03	2%	0
031.01	Phosphorus, Photometric (%)	2340	0.6130	0.0040	0.5919	0.0203	0.0109	33	1.04	2%	0
031.01	Phosphorus, Photometric (%)	0563	0.6133	0.0262	0.5919	0.0203	0.0109	33	1.05	2%	0
031.01	Phosphorus, Photometric (%)	0881	0.6145	0.0090	0.5919	0.0203	0.0109	33	1.11	2%	0
031.01	Phosphorus, Photometric (%)	0948	0.6200	0.0000	0.5919	0.0203	0.0109	33	1.38	2%	0
031.01	Phosphorus, Photometric (%)	2181	0.6400	0.0400	0.5919	0.0203	0.0109	33	2.37	4%	0
031.01	Phosphorus, Photometric (%)	0921	5.965	0.1340	0.5919	0.0203	0.0109	33	264.85	454%	2
031.03	Phosphorus, Autoanalyzer (%)	0169	0.6000	0.0200				3			0
031.03	Phosphorus, Autoanalyzer (%)	0001	0.6042	0.0014				3			0
031.03	Phosphorus, Autoanalyzer (%)	0036	0.6208	0.0014				3			0
031.06	Phosphorus, Hach Method (%)	0536	0.5650	0.0100				1			0
031.41	Phosphorus, ICP, Dry ash (%)	0848	0.5700	0.0000	0.5943	0.0183	0.0134	22	-1.33	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	2259	0.5700	0.0060	0.5943	0.0183	0.0134	22	-1.33	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0019	0.5750	0.0100	0.5943	0.0183	0.0134	22	-1.06	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0354	0.5750	0.0100	0.5943	0.0183	0.0134	22	-1.06	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0520	0.5800	0.0200	0.5943	0.0183	0.0134	22	-0.79	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0229	0.5800	0.0600	0.5943	0.0183	0.0134	22	-0.79	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0619	0.5810	0.0060	0.5943	0.0183	0.0134	22	-0.73	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0004	0.5850	0.0100	0.5943	0.0183	0.0134	22	-0.51	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0049	0.5900	0.0000	0.5943	0.0183	0.0134	22	-0.24	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0720	0.5900	0.0000	0.5943	0.0183	0.0134	22	-0.24	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0171	0.5950	0.0100	0.5943	0.0183	0.0134	22	0.04	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0685	0.5950	0.0100	0.5943	0.0183	0.0134	22	0.04	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0407	0.5971	0.0011	0.5943	0.0183	0.0134	22	0.15	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0226	0.6000	0.0000	0.5943	0.0183	0.0134	22	0.31	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0208	0.6040	0.0060	0.5943	0.0183	0.0134	22	0.53	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0123	0.6050	0.0100	0.5943	0.0183	0.0134	22	0.58	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0098	0.6056	0.0178	0.5943	0.0183	0.0134	22	0.62	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0653	0.6080	0.0020	0.5943	0.0183	0.0134	22	0.75	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0144	0.6100	0.0200	0.5943	0.0183	0.0134	22	0.86	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0148	0.6165	0.0550	0.5943	0.0183	0.0134	22	1.21	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0358	0.6300	0.0400	0.5943	0.0183	0.0134	22	1.95	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			
031.41	Phosphorus, ICP, Dry ash (%)	0598	0.6486	0.0004	0.5943	0.0183	0.0134	22	2.97	5%	0
031.42	Phosphorus, ICP, Open vessel (%)	0294	0.4950	0.0100	0.5902	0.0299	0.0204	20	-3.18	8%	0
031.42	Phosphorus, ICP, Open vessel (%)	0278	0.5350	0.0500	0.5902	0.0299	0.0204	20	-1.84	5%	0
031.42	Phosphorus, ICP, Open vessel (%)	0096	0.5402	0.0628	0.5902	0.0299	0.0204	20	-1.67	4%	0
031.42	Phosphorus, ICP, Open vessel (%)	2129	0.5683	0.0155	0.5902	0.0299	0.0204	20	-0.73	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0047	0.5700	0.0000	0.5902	0.0299	0.0204	20	-0.68	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0014	0.5805	0.0190	0.5902	0.0299	0.0204	20	-0.32	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0693	0.5825	0.0030	0.5902	0.0299	0.0204	20	-0.26	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	2319	0.5840	0.0220	0.5902	0.0299	0.0204	20	-0.21	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0357	0.5849	0.0072	0.5902	0.0299	0.0204	20	-0.18	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0042	0.5880	0.0380	0.5902	0.0299	0.0204	20	-0.07	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0035	0.5950	0.0100	0.5902	0.0299	0.0204	20	0.16	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0870	0.5964	0.0110	0.5902	0.0299	0.0204	20	0.21	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0186	0.6013	0.0366	0.5902	0.0299	0.0204	20	0.37	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0263	0.6020	0.0040	0.5902	0.0299	0.0204	20	0.39	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0009	0.6043	0.0063	0.5902	0.0299	0.0204	20	0.47	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0726	0.6100	0.0000	0.5902	0.0299	0.0204	20	0.66	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0265	0.6150	0.0300	0.5902	0.0299	0.0204	20	0.83	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0045	0.6210	0.0700	0.5902	0.0299	0.0204	20	1.03	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	0190	0.6300	0.0000	0.5902	0.0299	0.0204	20	1.33	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	0037	0.6445	0.0130	0.5902	0.0299	0.0204	20	1.81	5%	0
031.43	Phosphorus, ICP, Microwave (%)	2326	0.5350	0.0100	0.6126	0.0268	0.0114	28	-2.90	6%	0
031.43	Phosphorus, ICP, Microwave (%)	0511	0.5450	0.0300	0.6126	0.0268	0.0114	28	-2.52	6%	0
031.43	Phosphorus, ICP, Microwave (%)	0675	0.5800	0.0200	0.6126	0.0268	0.0114	28	-1.22	3%	0
031.43	Phosphorus, ICP, Microwave (%)	2089	0.5850	0.0100	0.6126	0.0268	0.0114	28	-1.03	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0033	0.5900	0.0000	0.6126	0.0268	0.0114	28	-0.84	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0425	0.5900	0.0200	0.6126	0.0268	0.0114	28	-0.84	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0407	0.5946	0.0065	0.6126	0.0268	0.0114	28	-0.67	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0083	0.5950	0.0100	0.6126	0.0268	0.0114	28	-0.66	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0010	0.6000	0.0000	0.6126	0.0268	0.0114	28	-0.47	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0036	0.6027	0.0039	0.6126	0.0268	0.0114	28	-0.37	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0027	0.6030	0.0020	0.6126	0.0268	0.0114	28	-0.36	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0035	0.6050	0.0100	0.6126	0.0268	0.0114	28	-0.28	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0918	0.6060	0.0000	0.6126	0.0268	0.0114	28	-0.25	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0505	0.6100	0.0600	0.6126	0.0268	0.0114	28	-0.10	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0870	0.6110	0.0219	0.6126	0.0268	0.0114	28	-0.06	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0297	0.6150	0.0100	0.6126	0.0268	0.0114	28	0.09	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0098	0.6196	0.0217	0.6126	0.0268	0.0114	28	0.26	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0682	0.6200	0.0000	0.6126	0.0268	0.0114	28	0.28	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0202	0.6230	0.0260	0.6126	0.0268	0.0114	28	0.39	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0345	0.6235	0.0050	0.6126	0.0268	0.0114	28	0.41	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0610	0.6300	0.0000	0.6126	0.0268	0.0114	28	0.65	1%	0

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031.43	Phosphorus, ICP, Microwave (%)	0968	0.6315	0.0010	0.6126	0.0268	0.0114	28	0.71	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0353	0.6350	0.0100	0.6126	0.0268	0.0114	28	0.84	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0876	0.6350	0.0100	0.6126	0.0268	0.0114	28	0.84	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0032	0.6450	0.0100	0.6126	0.0268	0.0114	28	1.21	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0510	0.6800	0.0000	0.6126	0.0268	0.0114	28	2.52	6%	0
031.43	Phosphorus, ICP, Microwave (%)	0038	0.6810	0.0120	0.6126	0.0268	0.0114	28	2.55	6%	0
031.43	Phosphorus, ICP, Microwave (%)	2322	0.6950	0.0100	0.6126	0.0268	0.0114	28	3.08	7%	0
031.43	Phosphorus, ICP, Microwave (%)	0017	0.5745	0.1000	0.6126	0.0268	0.0114	28	-1.42	3%	1
031.43	Phosphorus, ICP, Microwave (%)	0089	1.090	0.0000	0.6126	0.0268	0.0114	28	17.82	39%	2
031.44	Phosphorus, ICP, Dry ash (%)	0164	0.5765	0.0010				2			0
031.44	Phosphorus, ICP, Dry ash (%)	0066	0.5850	0.0100				2			0
031.51	Phosphorus, ICP-MS, Dry ash (%)	2146	0.6150	0.0100				1			0
031.52	Phosphorus, ICP-MS, Open vessel (%)	0186	0.6043	0.0522				3			0
031.52	Phosphorus, ICP-MS, Open vessel (%)	0560	0.6082	0.0396				3			0
031.52	Phosphorus, ICP-MS, Open vessel (%)	0154	0.6161	0.0043				3			0
031.53	Phosphorus, ICP-MS, Microwave (%)	0572	0.5635	0.0070	0.6076	0.0402	0.0083	4			0
031.53	Phosphorus, ICP-MS, Microwave (%)	0939	0.5850	0.0100	0.6076	0.0402	0.0083	4			0
031.53	Phosphorus, ICP-MS, Microwave (%)	0553	0.6320	0.0160	0.6076	0.0402	0.0083	4			0
031.53	Phosphorus, ICP-MS, Microwave (%)	0199	0.6500	0.0000	0.6076	0.0402	0.0083	4			0
031.53	Phosphorus, ICP-MS, Microwave (%)	0407	0.5602	0.0559	0.6076	0.0402	0.0083	4			1
031.99	Phosphorus, Miscellaneous (%)	0889	0.4700	0.0000				3			0
031.99	Phosphorus, Miscellaneous (%)	0242	0.5650	0.0300				3			0
031.99	Phosphorus, Miscellaneous (%)	0100	0.5950	0.0100				3			0
032.31	Potassium, AAS, Dry ash (%)	0536	0.6950	0.0100	0.8223	0.0556	0.0100	11	-2.29	8%	0
032.31	Potassium, AAS, Dry ash (%)	0529	0.7450	0.0100	0.8223	0.0556	0.0100	11	-1.39	5%	0
032.31	Potassium, AAS, Dry ash (%)	0563	0.7746	0.0152	0.8223	0.0556	0.0100	11	-0.86	3%	0
032.31	Potassium, AAS, Dry ash (%)	0014	0.8030	0.0060	0.8223	0.0556	0.0100	11	-0.35	1%	0
032.31	Potassium, AAS, Dry ash (%)	2146	0.8350	0.0100	0.8223	0.0556	0.0100	11	0.23	1%	0
032.31	Potassium, AAS, Dry ash (%)	0208	0.8450	0.0080	0.8223	0.0556	0.0100	11	0.41	1%	0
032.31	Potassium, AAS, Dry ash (%)	0142	0.8484	0.0228	0.8223	0.0556	0.0100	11	0.47	2%	0
032.31	Potassium, AAS, Dry ash (%)	0175	0.8550	0.0100	0.8223	0.0556	0.0100	11	0.59	2%	0
032.31	Potassium, AAS, Dry ash (%)	0683	0.8600	0.0000	0.8223	0.0556	0.0100	11	0.68	2%	0
032.31	Potassium, AAS, Dry ash (%)	0939	0.8650	0.0100	0.8223	0.0556	0.0100	11	0.77	3%	0
032.31	Potassium, AAS, Dry ash (%)	0948	0.8750	0.0080	0.8223	0.0556	0.0100	11	0.95	3%	0
032.31	Potassium, AAS, Dry ash (%)	0038	0.7945	0.0510	0.8223	0.0556	0.0100	11	-0.50	2%	1
032.32	Potassium, AAS, Open vessel (%)	0169	0.7500	0.1400				1			0
032.41	Potassium, ICP, Dry ash (%)	0720	0.6750	0.0100	0.8214	0.0429	0.0156	19	-3.41	9%	0
032.41	Potassium, ICP, Dry ash (%)	0004	0.7600	0.0400	0.8214	0.0429	0.0156	19	-1.43	4%	0
032.41	Potassium, ICP, Dry ash (%)	0019	0.7650	0.0100	0.8214	0.0429	0.0156	19	-1.31	3%	0
032.41	Potassium, ICP, Dry ash (%)	0049	0.7800	0.0000	0.8214	0.0429	0.0156	19	-0.96	3%	0
032.41	Potassium, ICP, Dry ash (%)	0354	0.7850	0.0100	0.8214	0.0429	0.0156	19	-0.85	2%	0
032.41	Potassium, ICP, Dry ash (%)	0229	0.7900	0.0400	0.8214	0.0429	0.0156	19	-0.73	2%	0

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032.41	Potassium, ICP, Dry ash (%)	0171	0.8135	0.0070	0.8214	0.0429	0.0156	19	-0.18	0%	0
032.41	Potassium, ICP, Dry ash (%)	0598	0.8164	0.0024	0.8214	0.0429	0.0156	19	-0.12	0%	0
032.41	Potassium, ICP, Dry ash (%)	0144	0.8300	0.0200	0.8214	0.0429	0.0156	19	0.20	1%	0
032.41	Potassium, ICP, Dry ash (%)	0520	0.8300	0.0200	0.8214	0.0429	0.0156	19	0.20	1%	0
032.41	Potassium, ICP, Dry ash (%)	0208	0.8340	0.0380	0.8214	0.0429	0.0156	19	0.29	1%	0
032.41	Potassium, ICP, Dry ash (%)	0653	0.8435	0.0090	0.8214	0.0429	0.0156	19	0.52	1%	0
032.41	Potassium, ICP, Dry ash (%)	0358	0.8450	0.0100	0.8214	0.0429	0.0156	19	0.55	1%	0
032.41	Potassium, ICP, Dry ash (%)	0619	0.8455	0.0150	0.8214	0.0429	0.0156	19	0.56	1%	0
032.41	Potassium, ICP, Dry ash (%)	0123	0.8500	0.0000	0.8214	0.0429	0.0156	19	0.67	2%	0
032.41	Potassium, ICP, Dry ash (%)	0098	0.8550	0.0300	0.8214	0.0429	0.0156	19	0.78	2%	0
032.41	Potassium, ICP, Dry ash (%)	0066	0.8660	0.0100	0.8214	0.0429	0.0156	19	1.04	3%	0
032.41	Potassium, ICP, Dry ash (%)	0407	0.8698	0.0052	0.8214	0.0429	0.0156	19	1.13	3%	0
032.41	Potassium, ICP, Dry ash (%)	0226	0.8700	0.0200	0.8214	0.0429	0.0156	19	1.13	3%	0
032.41	Potassium, ICP, Dry ash (%)	0148	0.8095	0.0930	0.8214	0.0429	0.0156	19	-0.28	1%	1
032.42	Potassium, ICP, Open vessel (%)	0096	0.7694	0.0284	0.8520	0.0373	0.0155	17	-2.21	5%	0
032.42	Potassium, ICP, Open vessel (%)	2129	0.7734	0.0066	0.8520	0.0373	0.0155	17	-2.11	5%	0
032.42	Potassium, ICP, Open vessel (%)	0047	0.8000	0.0200	0.8520	0.0373	0.0155	17	-1.39	3%	0
032.42	Potassium, ICP, Open vessel (%)	0870	0.8217	0.0124	0.8520	0.0373	0.0155	17	-0.81	2%	0
032.42	Potassium, ICP, Open vessel (%)	0042	0.8420	0.0440	0.8520	0.0373	0.0155	17	-0.27	1%	0
032.42	Potassium, ICP, Open vessel (%)	0263	0.8435	0.0010	0.8520	0.0373	0.0155	17	-0.23	1%	0
032.42	Potassium, ICP, Open vessel (%)	0294	0.8450	0.0100	0.8520	0.0373	0.0155	17	-0.19	0%	0
032.42	Potassium, ICP, Open vessel (%)	0009	0.8493	0.0110	0.8520	0.0373	0.0155	17	-0.07	0%	0
032.42	Potassium, ICP, Open vessel (%)	0357	0.8582	0.0002	0.8520	0.0373	0.0155	17	0.17	0%	0
032.42	Potassium, ICP, Open vessel (%)	0693	0.8605	0.0010	0.8520	0.0373	0.0155	17	0.23	0%	0
032.42	Potassium, ICP, Open vessel (%)	0035	0.8650	0.0100	0.8520	0.0373	0.0155	17	0.35	1%	0
032.42	Potassium, ICP, Open vessel (%)	0045	0.8745	0.0390	0.8520	0.0373	0.0155	17	0.60	1%	0
032.42	Potassium, ICP, Open vessel (%)	0265	0.8750	0.0100	0.8520	0.0373	0.0155	17	0.62	1%	0
032.42	Potassium, ICP, Open vessel (%)	0186	0.8773	0.0385	0.8520	0.0373	0.0155	17	0.68	1%	0
032.42	Potassium, ICP, Open vessel (%)	0037	0.8855	0.0010	0.8520	0.0373	0.0155	17	0.90	2%	0
032.42	Potassium, ICP, Open vessel (%)	0726	0.8950	0.0100	0.8520	0.0373	0.0155	17	1.15	3%	0
032.42	Potassium, ICP, Open vessel (%)	0190	0.9000	0.0200	0.8520	0.0373	0.0155	17	1.28	3%	0
032.42	Potassium, ICP, Open vessel (%)	0278	0.7900	0.1000	0.8520	0.0373	0.0155	17	-1.66	4%	1
032.43	Potassium, ICP, Microwave (%)	2089	0.7750	0.0300	0.8477	0.0373	0.0196	27	-1.95	4%	0
032.43	Potassium, ICP, Microwave (%)	0032	0.7800	0.0400	0.8477	0.0373	0.0196	27	-1.81	4%	0
032.43	Potassium, ICP, Microwave (%)	0511	0.7800	0.0800	0.8477	0.0373	0.0196	27	-1.81	4%	0
032.43	Potassium, ICP, Microwave (%)	0675	0.8050	0.0100	0.8477	0.0373	0.0196	27	-1.14	3%	0
032.43	Potassium, ICP, Microwave (%)	0505	0.8100	0.0200	0.8477	0.0373	0.0196	27	-1.01	2%	0
032.43	Potassium, ICP, Microwave (%)	0083	0.8150	0.0100	0.8477	0.0373	0.0196	27	-0.88	2%	0
032.43	Potassium, ICP, Microwave (%)	0425	0.8150	0.0100	0.8477	0.0373	0.0196	27	-0.88	2%	0
032.43	Potassium, ICP, Microwave (%)	0870	0.8303	0.0532	0.8477	0.0373	0.0196	27	-0.47	1%	0
032.43	Potassium, ICP, Microwave (%)	0968	0.8340	0.0060	0.8477	0.0373	0.0196	27	-0.37	1%	0
032.43	Potassium, ICP, Microwave (%)	0033	0.8350	0.0100	0.8477	0.0373	0.0196	27	-0.34	1%	0

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032.43	Potassium, ICP, Microwave (%)	0918	0.8415	0.0010	0.8477	0.0373	0.0196	27	-0.17	0%	0
032.43	Potassium, ICP, Microwave (%)	0353	0.8450	0.0300	0.8477	0.0373	0.0196	27	-0.07	0%	0
032.43	Potassium, ICP, Microwave (%)	0035	0.8500	0.0200	0.8477	0.0373	0.0196	27	0.06	0%	0
032.43	Potassium, ICP, Microwave (%)	0682	0.8500	0.0000	0.8477	0.0373	0.0196	27	0.06	0%	0
032.43	Potassium, ICP, Microwave (%)	0098	0.8550	0.0100	0.8477	0.0373	0.0196	27	0.19	0%	0
032.43	Potassium, ICP, Microwave (%)	0876	0.8600	0.0200	0.8477	0.0373	0.0196	27	0.33	1%	0
032.43	Potassium, ICP, Microwave (%)	0036	0.8614	0.0180	0.8477	0.0373	0.0196	27	0.37	1%	0
032.43	Potassium, ICP, Microwave (%)	2326	0.8650	0.0100	0.8477	0.0373	0.0196	27	0.46	1%	0
032.43	Potassium, ICP, Microwave (%)	0027	0.8655	0.0090	0.8477	0.0373	0.0196	27	0.48	1%	0
032.43	Potassium, ICP, Microwave (%)	0202	0.8715	0.0510	0.8477	0.0373	0.0196	27	0.64	1%	0
032.43	Potassium, ICP, Microwave (%)	0345	0.8730	0.0080	0.8477	0.0373	0.0196	27	0.68	1%	0
032.43	Potassium, ICP, Microwave (%)	0297	0.8800	0.0400	0.8477	0.0373	0.0196	27	0.86	2%	0
032.43	Potassium, ICP, Microwave (%)	0510	0.8800	0.0000	0.8477	0.0373	0.0196	27	0.86	2%	0
032.43	Potassium, ICP, Microwave (%)	0610	0.8850	0.0100	0.8477	0.0373	0.0196	27	1.00	2%	0
032.43	Potassium, ICP, Microwave (%)	0407	0.8865	0.0012	0.8477	0.0373	0.0196	27	1.04	2%	0
032.43	Potassium, ICP, Microwave (%)	0017	0.8963	0.0025	0.8477	0.0373	0.0196	27	1.30	3%	0
032.43	Potassium, ICP, Microwave (%)	2322	0.9150	0.0300	0.8477	0.0373	0.0196	27	1.80	4%	0
032.43	Potassium, ICP, Microwave (%)	0089	1.300	0.0000	0.8477	0.0373	0.0196	27	12.11	27%	2
032.44	Potassium, ICP, Dry ash (%)	0164	0.8395	0.0170				1			0
032.51	Potassium, ICP-MS, Dry ash (%)	2146	0.9050	0.0500				1			0
032.52	Potassium, ICP-MS, Open vessel (%)	2319	0.8200	0.0000	0.8726	0.0602	0.0423	5			0
032.52	Potassium, ICP-MS, Open vessel (%)	0154	0.8396	0.0082	0.8726	0.0602	0.0423	5			0
032.52	Potassium, ICP-MS, Open vessel (%)	0186	0.8539	0.0732	0.8726	0.0602	0.0423	5			0
032.52	Potassium, ICP-MS, Open vessel (%)	0560	0.8756	0.0923	0.8726	0.0602	0.0423	5			0
032.52	Potassium, ICP-MS, Open vessel (%)	0016	0.9740	0.0380	0.8726	0.0602	0.0423	5			0
032.53	Potassium, ICP-MS, Microwave (%)	0553	0.8005	0.0130	0.8802	0.0855	0.0110	4			0
032.53	Potassium, ICP-MS, Microwave (%)	0407	0.8454	0.0011	0.8802	0.0855	0.0110	4			0
032.53	Potassium, ICP-MS, Microwave (%)	0939	0.8750	0.0300	0.8802	0.0855	0.0110	4			0
032.53	Potassium, ICP-MS, Microwave (%)	0199	1.000	0.0000	0.8802	0.0855	0.0110	4			0
032.53	Potassium, ICP-MS, Microwave (%)	0572	0.8440	0.1000	0.8802	0.0855	0.0110	4			1
032.99	Potassium, Miscellaneous (%)	0100	0.8200	0.0200	0.8464	0.0256	0.0103	4			0
032.99	Potassium, Miscellaneous (%)	0242	0.8350	0.0100	0.8464	0.0256	0.0103	4			0
032.99	Potassium, Miscellaneous (%)	0001	0.8505	0.0110	0.8464	0.0256	0.0103	4			0
032.99	Potassium, Miscellaneous (%)	0889	0.8800	0.0000	0.8464	0.0256	0.0103	4			0
033.00	Salt as chloride, Sol Cl (%)	0171	0.5400	0.0000	1.030	0.0474	0.0268	19	-10.32	24%	0
033.00	Salt as chloride, Sol Cl (%)	0123	0.9650	0.0100	1.030	0.0474	0.0268	19	-1.36	3%	0
033.00	Salt as chloride, Sol Cl (%)	2022	0.9650	0.0300	1.030	0.0474	0.0268	19	-1.36	3%	0
033.00	Salt as chloride, Sol Cl (%)	2193	0.9950	0.0300	1.030	0.0474	0.0268	19	-0.73	2%	0
033.00	Salt as chloride, Sol Cl (%)	0353	1.010	0.0200	1.030	0.0474	0.0268	19	-0.41	1%	0
033.00	Salt as chloride, Sol Cl (%)	0884	1.010	0.0200	1.030	0.0474	0.0268	19	-0.41	1%	0
033.00	Salt as chloride, Sol Cl (%)	2009	1.011	0.0094	1.030	0.0474	0.0268	19	-0.39	1%	0
033.00	Salt as chloride, Sol Cl (%)	0309	1.016	0.0371	1.030	0.0474	0.0268	19	-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			
033.00	Salt as chloride, Sol Cl (%)	0675	1.020	0.0800	1.030	0.0474	0.0268	19	-0.20	0%	0
033.00	Salt as chloride, Sol Cl (%)	2196	1.030	0.0000	1.030	0.0474	0.0268	19	0.01	0%	0
033.00	Salt as chloride, Sol Cl (%)	0511	1.035	0.0300	1.030	0.0474	0.0268	19	0.11	0%	0
033.00	Salt as chloride, Sol Cl (%)	0693	1.047	0.0500	1.030	0.0474	0.0268	19	0.37	1%	0
033.00	Salt as chloride, Sol Cl (%)	2190	1.051	0.0044	1.030	0.0474	0.0268	19	0.45	1%	0
033.00	Salt as chloride, Sol Cl (%)	0045	1.055	0.0300	1.030	0.0474	0.0268	19	0.54	1%	0
033.00	Salt as chloride, Sol Cl (%)	0881	1.056	0.0150	1.030	0.0474	0.0268	19	0.55	1%	0
033.00	Salt as chloride, Sol Cl (%)	0885	1.056	0.0131	1.030	0.0474	0.0268	19	0.57	1%	0
033.00	Salt as chloride, Sol Cl (%)	0921	1.080	0.0000	1.030	0.0474	0.0268	19	1.06	2%	0
033.00	Salt as chloride, Sol Cl (%)	2076	1.118	0.1100	1.030	0.0474	0.0268	19	1.86	4%	0
033.00	Salt as chloride, Sol Cl (%)	0539	1.120	0.0200	1.030	0.0474	0.0268	19	1.91	4%	0
033.01	Salt as chloride, Poten Cl (%)	0619	0.9605	0.0290	1.045	0.0305	0.0086	27	-2.78	4%	0
033.01	Salt as chloride, Poten Cl (%)	0003	1.000	0.0000	1.045	0.0305	0.0086	27	-1.48	2%	0
033.01	Salt as chloride, Poten Cl (%)	0425	1.000	0.0000	1.045	0.0305	0.0086	27	-1.48	2%	0
033.01	Salt as chloride, Poten Cl (%)	0682	1.000	0.0000	1.045	0.0305	0.0086	27	-1.48	2%	0
033.01	Salt as chloride, Poten Cl (%)	0083	1.010	0.0000	1.045	0.0305	0.0086	27	-1.16	2%	0
033.01	Salt as chloride, Poten Cl (%)	0510	1.022	0.0000	1.045	0.0305	0.0086	27	-0.76	1%	0
033.01	Salt as chloride, Poten Cl (%)	0098	1.035	0.0100	1.045	0.0305	0.0086	27	-0.34	0%	0
033.01	Salt as chloride, Poten Cl (%)	0001	1.040	0.0000	1.045	0.0305	0.0086	27	-0.17	0%	0
033.01	Salt as chloride, Poten Cl (%)	0004	1.040	0.0200	1.045	0.0305	0.0086	27	-0.17	0%	0
033.01	Salt as chloride, Poten Cl (%)	0226	1.040	0.0000	1.045	0.0305	0.0086	27	-0.17	0%	0
033.01	Salt as chloride, Poten Cl (%)	0242	1.040	0.0000	1.045	0.0305	0.0086	27	-0.17	0%	0
033.01	Salt as chloride, Poten Cl (%)	0164	1.045	0.0100	1.045	0.0305	0.0086	27	-0.01	0%	0
033.01	Salt as chloride, Poten Cl (%)	0683	1.045	0.0100	1.045	0.0305	0.0086	27	-0.01	0%	0
033.01	Salt as chloride, Poten Cl (%)	0229	1.050	0.0400	1.045	0.0305	0.0086	27	0.15	0%	0
033.01	Salt as chloride, Poten Cl (%)	0948	1.050	0.0000	1.045	0.0305	0.0086	27	0.15	0%	0
033.01	Salt as chloride, Poten Cl (%)	2146	1.050	0.0000	1.045	0.0305	0.0086	27	0.15	0%	0
033.01	Salt as chloride, Poten Cl (%)	2319	1.050	0.0000	1.045	0.0305	0.0086	27	0.15	0%	0
033.01	Salt as chloride, Poten Cl (%)	0354	1.054	0.0010	1.045	0.0305	0.0086	27	0.27	0%	0
033.01	Salt as chloride, Poten Cl (%)	0148	1.055	0.0100	1.045	0.0305	0.0086	27	0.32	0%	0
033.01	Salt as chloride, Poten Cl (%)	0939	1.055	0.0100	1.045	0.0305	0.0086	27	0.32	0%	0
033.01	Salt as chloride, Poten Cl (%)	0175	1.060	0.0000	1.045	0.0305	0.0086	27	0.48	1%	0
033.01	Salt as chloride, Poten Cl (%)	2268	1.065	0.0100	1.045	0.0305	0.0086	27	0.65	1%	0
033.01	Salt as chloride, Poten Cl (%)	0407	1.073	0.0030	1.045	0.0305	0.0086	27	0.89	1%	0
033.01	Salt as chloride, Poten Cl (%)	0199	1.075	0.0100	1.045	0.0305	0.0086	27	0.97	1%	0
033.01	Salt as chloride, Poten Cl (%)	0186	1.089	0.0300	1.045	0.0305	0.0086	27	1.43	2%	0
033.01	Salt as chloride, Poten Cl (%)	0100	1.090	0.0400	1.045	0.0305	0.0086	27	1.47	2%	0
033.01	Salt as chloride, Poten Cl (%)	0019	1.100	0.0000	1.045	0.0305	0.0086	27	1.79	3%	0
033.01	Salt as chloride, Poten Cl (%)	0278	1.130	0.0800	1.045	0.0305	0.0086	27	2.78	4%	1
033.03	Salt as chloride, Quantab (%)	0726	0.9900	0.0600	1.073	0.0827	0.0450	4			0
033.03	Salt as chloride, Quantab (%)	0190	1.040	0.0000	1.073	0.0827	0.0450	4			0
033.03	Salt as chloride, Quantab (%)	0265	1.075	0.0100	1.073	0.0827	0.0450	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			
033.03	Salt as chloride, Quantab (%)	0144	1.185	0.1100	1.073	0.0827	0.0450	4			0
033.05	Salt as chloride, Ion Sel Electrode (%)	0689	1.035	0.0100				1			0
033.99	Salt, Miscellaneous (%)	0536	0.4400	0.0400	0.9619	0.1231	0.0171	9	-4.24	27%	0
033.99	Salt, Miscellaneous (%)	0358	0.8400	0.0400	0.9619	0.1231	0.0171	9	-0.99	6%	0
033.99	Salt, Miscellaneous (%)	0017	0.8549	0.0042	0.9619	0.1231	0.0171	9	-0.87	6%	0
033.99	Salt, Miscellaneous (%)	0505	0.9800	0.0400	0.9619	0.1231	0.0171	9	0.15	1%	0
033.99	Salt, Miscellaneous (%)	2073	1.005	0.0100	0.9619	0.1231	0.0171	9	0.35	2%	0
033.99	Salt, Miscellaneous (%)	2146	1.035	0.0100	0.9619	0.1231	0.0171	9	0.59	4%	0
033.99	Salt, Miscellaneous (%)	0650	1.045	0.0100	0.9619	0.1231	0.0171	9	0.67	4%	0
033.99	Salt, Miscellaneous (%)	0208	1.050	0.0000	0.9619	0.1231	0.0171	9	0.72	5%	0
033.99	Salt, Miscellaneous (%)	2326	1.070	0.0000	0.9619	0.1231	0.0171	9	0.88	6%	0
033.99	Salt, Miscellaneous (%)	2181	1.045	0.1100	0.9619	0.1231	0.0171	9	0.67	4%	1
034.01	Selenium, Fluor (ppm)	0038	1.313	0.1320				1			0
034.04	Selenium, AA, Hydride (ppm)	0045	1.085	0.0300	1.195	0.1233	0.0448	5			0
034.04	Selenium, AA, Hydride (ppm)	0512	1.117	0.0490	1.195	0.1233	0.0448	5			0
034.04	Selenium, AA, Hydride (ppm)	0171	1.128	0.0650	1.195	0.1233	0.0448	5			0
034.04	Selenium, AA, Hydride (ppm)	0169	1.275	0.0700	1.195	0.1233	0.0448	5			0
034.04	Selenium, AA, Hydride (ppm)	0563	1.373	0.0099	1.195	0.1233	0.0448	5			0
034.41	Selenium, ICP, Dry ash (ppm)	0148	1.000	0.0000				2			0
034.41	Selenium, ICP, Dry ash (ppm)	0619	1.160	0.0200				2			0
034.42	Selenium, ICP, Open vessel (ppm)	0096	< 20					0			5
034.43	Selenium, ICP, Microwave (ppm)	0066	1.269	0.0490				1			0
034.43	Selenium, ICP, Microwave (ppm)	0682	< 5					1			5
034.52	Selenium, ICP-MS, Open vessel (ppm)	0016	0.9950	0.0300	1.283	0.2020	0.0759	4			0
034.52	Selenium, ICP-MS, Open vessel (ppm)	0096	1.308	0.0936	1.283	0.2020	0.0759	4			0
034.52	Selenium, ICP-MS, Open vessel (ppm)	0208	1.370	0.0000	1.283	0.2020	0.0759	4			0
034.52	Selenium, ICP-MS, Open vessel (ppm)	0186	1.460	0.1800	1.283	0.2020	0.0759	4			0
034.53	Selenium, ICP-MS, Microwave (ppm)	0164	1.095	0.0100	1.282	0.1523	0.0965	10	-1.23	7%	0
034.53	Selenium, ICP-MS, Microwave (ppm)	0033	1.150	0.0200	1.282	0.1523	0.0965	10	-0.87	5%	0
034.53	Selenium, ICP-MS, Microwave (ppm)	0553	1.150	0.2600	1.282	0.1523	0.0965	10	-0.87	5%	0
034.53	Selenium, ICP-MS, Microwave (ppm)	0610	1.205	0.0700	1.282	0.1523	0.0965	10	-0.51	3%	0
034.53	Selenium, ICP-MS, Microwave (ppm)	0560	1.274	0.1610	1.282	0.1523	0.0965	10	-0.06	0%	0
034.53	Selenium, ICP-MS, Microwave (ppm)	0199	1.300	0.0000	1.282	0.1523	0.0965	10	0.12	1%	0
034.53	Selenium, ICP-MS, Microwave (ppm)	0939	1.305	0.3100	1.282	0.1523	0.0965	10	0.15	1%	0
034.53	Selenium, ICP-MS, Microwave (ppm)	0407	1.406	0.0904	1.282	0.1523	0.0965	10	0.81	5%	0
034.53	Selenium, ICP-MS, Microwave (ppm)	0918	1.464	0.0013	1.282	0.1523	0.0965	10	1.20	7%	0
034.53	Selenium, ICP-MS, Microwave (ppm)	0003	1.474	0.0420	1.282	0.1523	0.0965	10	1.26	7%	0
034.99	Selenium, Miscellaneous (ppm)	0190	1.785	0.1700				1			0
035.05	Sodium, Flame Emission (%)	0108	0.3500	0.0400				1			0
035.31	Sodium, AAS, Dry ash (%)	0175	0.3050	0.0300	0.3248	0.0177	0.0126	12	-1.12	3%	0
035.31	Sodium, AAS, Dry ash (%)	0536	0.3050	0.0100	0.3248	0.0177	0.0126	12	-1.12	3%	0
035.31	Sodium, AAS, Dry ash (%)	0683	0.3050	0.0100	0.3248	0.0177	0.0126	12	-1.12	3%	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	
035.31	Sodium, AAS, Dry ash (%)	0208	0.3150	0.0120	0.3248	0.0177	0.0126	12	-0.55	2%	0
035.31	Sodium, AAS, Dry ash (%)	0529	0.3155	0.0110	0.3248	0.0177	0.0126	12	-0.52	1%	0
035.31	Sodium, AAS, Dry ash (%)	2146	0.3250	0.0100	0.3248	0.0177	0.0126	12	0.01	0%	0
035.31	Sodium, AAS, Dry ash (%)	0563	0.3295	0.0059	0.3248	0.0177	0.0126	12	0.26	1%	0
035.31	Sodium, AAS, Dry ash (%)	0142	0.3321	0.0150	0.3248	0.0177	0.0126	12	0.41	1%	0
035.31	Sodium, AAS, Dry ash (%)	0939	0.3350	0.0100	0.3248	0.0177	0.0126	12	0.58	2%	0
035.31	Sodium, AAS, Dry ash (%)	0948	0.3390	0.0160	0.3248	0.0177	0.0126	12	0.80	2%	0
035.31	Sodium, AAS, Dry ash (%)	2196	0.3400	0.0000	0.3248	0.0177	0.0126	12	0.86	2%	0
035.31	Sodium, AAS, Dry ash (%)	0038	0.3555	0.0210	0.3248	0.0177	0.0126	12	1.74	5%	0
035.32	Sodium, AAS, Open vessel (%)	0169	0.2700	0.0200				1			0
035.41	Sodium, ICP, Dry ash (%)	0720	0.2650	0.0100	0.3272	0.0104	0.0097	22	-5.98	10%	0
035.41	Sodium, ICP, Dry ash (%)	0598	0.3125	0.0002	0.3272	0.0104	0.0097	22	-1.41	2%	0
035.41	Sodium, ICP, Dry ash (%)	0019	0.3150	0.0100	0.3272	0.0104	0.0097	22	-1.17	2%	0
035.41	Sodium, ICP, Dry ash (%)	0407	0.3192	0.0011	0.3272	0.0104	0.0097	22	-0.77	1%	0
035.41	Sodium, ICP, Dry ash (%)	0049	0.3200	0.0200	0.3272	0.0104	0.0097	22	-0.69	1%	0
035.41	Sodium, ICP, Dry ash (%)	0148	0.3200	0.0400	0.3272	0.0104	0.0097	22	-0.69	1%	0
035.41	Sodium, ICP, Dry ash (%)	2259	0.3229	0.0148	0.3272	0.0104	0.0097	22	-0.41	1%	0
035.41	Sodium, ICP, Dry ash (%)	0144	0.3250	0.0100	0.3272	0.0104	0.0097	22	-0.21	0%	0
035.41	Sodium, ICP, Dry ash (%)	0208	0.3250	0.0020	0.3272	0.0104	0.0097	22	-0.21	0%	0
035.41	Sodium, ICP, Dry ash (%)	0229	0.3250	0.0300	0.3272	0.0104	0.0097	22	-0.21	0%	0
035.41	Sodium, ICP, Dry ash (%)	0354	0.3250	0.0100	0.3272	0.0104	0.0097	22	-0.21	0%	0
035.41	Sodium, ICP, Dry ash (%)	0653	0.3255	0.0010	0.3272	0.0104	0.0097	22	-0.16	0%	0
035.41	Sodium, ICP, Dry ash (%)	0004	0.3300	0.0200	0.3272	0.0104	0.0097	22	0.27	0%	0
035.41	Sodium, ICP, Dry ash (%)	0098	0.3300	0.0000	0.3272	0.0104	0.0097	22	0.27	0%	0
035.41	Sodium, ICP, Dry ash (%)	0171	0.3300	0.0000	0.3272	0.0104	0.0097	22	0.27	0%	0
035.41	Sodium, ICP, Dry ash (%)	0358	0.3300	0.0200	0.3272	0.0104	0.0097	22	0.27	0%	0
035.41	Sodium, ICP, Dry ash (%)	0520	0.3304	0.0081	0.3272	0.0104	0.0097	22	0.30	0%	0
035.41	Sodium, ICP, Dry ash (%)	0164	0.3350	0.0060	0.3272	0.0104	0.0097	22	0.75	1%	0
035.41	Sodium, ICP, Dry ash (%)	0619	0.3380	0.0020	0.3272	0.0104	0.0097	22	1.04	2%	0
035.41	Sodium, ICP, Dry ash (%)	0123	0.3500	0.0000	0.3272	0.0104	0.0097	22	2.19	3%	0
035.41	Sodium, ICP, Dry ash (%)	0226	0.3700	0.0000	0.3272	0.0104	0.0097	22	4.12	7%	0
035.41	Sodium, ICP, Dry ash (%)	0066	0.3885	0.0090	0.3272	0.0104	0.0097	22	5.89	9%	0
035.42	Sodium, ICP, Open vessel (%)	0096	0.2928	0.0116	0.3310	0.0129	0.0079	17	-2.95	6%	0
035.42	Sodium, ICP, Open vessel (%)	2129	0.3127	0.0052	0.3310	0.0129	0.0079	17	-1.41	3%	0
035.42	Sodium, ICP, Open vessel (%)	0278	0.3150	0.0300	0.3310	0.0129	0.0079	17	-1.24	2%	0
035.42	Sodium, ICP, Open vessel (%)	0042	0.3245	0.0130	0.3310	0.0129	0.0079	17	-0.50	1%	0
035.42	Sodium, ICP, Open vessel (%)	0357	0.3246	0.0018	0.3310	0.0129	0.0079	17	-0.49	1%	0
035.42	Sodium, ICP, Open vessel (%)	0294	0.3250	0.0100	0.3310	0.0129	0.0079	17	-0.46	1%	0
035.42	Sodium, ICP, Open vessel (%)	0263	0.3275	0.0070	0.3310	0.0129	0.0079	17	-0.27	1%	0
035.42	Sodium, ICP, Open vessel (%)	0045	0.3290	0.0020	0.3310	0.0129	0.0079	17	-0.15	0%	0
035.42	Sodium, ICP, Open vessel (%)	0693	0.3295	0.0030	0.3310	0.0129	0.0079	17	-0.11	0%	0
035.42	Sodium, ICP, Open vessel (%)	0265	0.3350	0.0100	0.3310	0.0129	0.0079	17	0.31	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			
035.42	Sodium, ICP, Open vessel (%)	0726	0.3350	0.0100	0.3310	0.0129	0.0079	17	0.31	1%	0
035.42	Sodium, ICP, Open vessel (%)	0870	0.3384	0.0034	0.3310	0.0129	0.0079	17	0.57	1%	0
035.42	Sodium, ICP, Open vessel (%)	0035	0.3400	0.0000	0.3310	0.0129	0.0079	17	0.70	1%	0
035.42	Sodium, ICP, Open vessel (%)	2319	0.3405	0.0010	0.3310	0.0129	0.0079	17	0.74	1%	0
035.42	Sodium, ICP, Open vessel (%)	0037	0.3430	0.0040	0.3310	0.0129	0.0079	17	0.93	2%	0
035.42	Sodium, ICP, Open vessel (%)	0190	0.3450	0.0100	0.3310	0.0129	0.0079	17	1.08	2%	0
035.42	Sodium, ICP, Open vessel (%)	0186	0.3760	0.0116	0.3310	0.0129	0.0079	17	3.48	7%	0
035.43	Sodium, ICP, Microwave (%)	0353	0.3100	0.0000	0.3339	0.0134	0.0102	24	-1.78	4%	0
035.43	Sodium, ICP, Microwave (%)	0098	0.3150	0.0500	0.3339	0.0134	0.0102	24	-1.41	3%	0
035.43	Sodium, ICP, Microwave (%)	0675	0.3150	0.0100	0.3339	0.0134	0.0102	24	-1.41	3%	0
035.43	Sodium, ICP, Microwave (%)	0043	0.3202	0.0043	0.3339	0.0134	0.0102	24	-1.03	2%	0
035.43	Sodium, ICP, Microwave (%)	0425	0.3250	0.0100	0.3339	0.0134	0.0102	24	-0.66	1%	0
035.43	Sodium, ICP, Microwave (%)	0610	0.3250	0.0100	0.3339	0.0134	0.0102	24	-0.66	1%	0
035.43	Sodium, ICP, Microwave (%)	0345	0.3265	0.0050	0.3339	0.0134	0.0102	24	-0.55	1%	0
035.43	Sodium, ICP, Microwave (%)	0407	0.3290	0.0002	0.3339	0.0134	0.0102	24	-0.37	1%	0
035.43	Sodium, ICP, Microwave (%)	0033	0.3300	0.0000	0.3339	0.0134	0.0102	24	-0.29	1%	0
035.43	Sodium, ICP, Microwave (%)	0682	0.3300	0.0000	0.3339	0.0134	0.0102	24	-0.29	1%	0
035.43	Sodium, ICP, Microwave (%)	0870	0.3303	0.0100	0.3339	0.0134	0.0102	24	-0.27	1%	0
035.43	Sodium, ICP, Microwave (%)	0918	0.3315	0.0030	0.3339	0.0134	0.0102	24	-0.18	0%	0
035.43	Sodium, ICP, Microwave (%)	0035	0.3350	0.0100	0.3339	0.0134	0.0102	24	0.08	0%	0
035.43	Sodium, ICP, Microwave (%)	0876	0.3350	0.0100	0.3339	0.0134	0.0102	24	0.08	0%	0
035.43	Sodium, ICP, Microwave (%)	0017	0.3363	0.0015	0.3339	0.0134	0.0102	24	0.17	0%	0
035.43	Sodium, ICP, Microwave (%)	2340	0.3385	0.0010	0.3339	0.0134	0.0102	24	0.34	1%	0
035.43	Sodium, ICP, Microwave (%)	2322	0.3400	0.0400	0.3339	0.0134	0.0102	24	0.45	1%	0
035.43	Sodium, ICP, Microwave (%)	0083	0.3450	0.0100	0.3339	0.0134	0.0102	24	0.82	2%	0
035.43	Sodium, ICP, Microwave (%)	0510	0.3450	0.0020	0.3339	0.0134	0.0102	24	0.82	2%	0
035.43	Sodium, ICP, Microwave (%)	2089	0.3450	0.0100	0.3339	0.0134	0.0102	24	0.82	2%	0
035.43	Sodium, ICP, Microwave (%)	2326	0.3450	0.0100	0.3339	0.0134	0.0102	24	0.82	2%	0
035.43	Sodium, ICP, Microwave (%)	0505	0.3500	0.0000	0.3339	0.0134	0.0102	24	1.20	2%	0
035.43	Sodium, ICP, Microwave (%)	0297	0.3600	0.0000	0.3339	0.0134	0.0102	24	1.94	4%	0
035.43	Sodium, ICP, Microwave (%)	0202	0.3745	0.0470	0.3339	0.0134	0.0102	24	3.02	6%	0
035.43	Sodium, ICP, Microwave (%)	0089	0.8200	0.0000	0.3339	0.0134	0.0102	24	36.19	73%	2
035.51	Sodium, ICP-MS, Dry ash (%)	2146	0.3300	0.0200				1			0
035.52	Sodium, ICP-MS, Open vessel (%)	0560	0.3506	0.0419	0.3580	0.0080	0.0251	4			0
035.52	Sodium, ICP-MS, Open vessel (%)	0096	0.3521	0.0497	0.3580	0.0080	0.0251	4			0
035.52	Sodium, ICP-MS, Open vessel (%)	0154	0.3626	0.0056	0.3580	0.0080	0.0251	4			0
035.52	Sodium, ICP-MS, Open vessel (%)	0186	0.3668	0.0032	0.3580	0.0080	0.0251	4			0
035.53	Sodium, ICP-MS, Microwave (%)	0553	0.3180	0.0060	0.3325	0.0118	0.0142	5			0
035.53	Sodium, ICP-MS, Microwave (%)	0407	0.3280	0.0159	0.3325	0.0118	0.0142	5			0
035.53	Sodium, ICP-MS, Microwave (%)	0939	0.3300	0.0200	0.3325	0.0118	0.0142	5			0
035.53	Sodium, ICP-MS, Microwave (%)	0572	0.3365	0.0290	0.3325	0.0118	0.0142	5			0
035.53	Sodium, ICP-MS, Microwave (%)	0199	0.3500	0.0000	0.3325	0.0118	0.0142	5			0

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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
035.99	Sodium, Miscellaneous (%)	0889	0.0800	0.0000				3			0
035.99	Sodium, Miscellaneous (%)	0242	0.3100	0.0000				3			0
035.99	Sodium, Miscellaneous (%)	0100	0.3300	0.0200				3			0
036.04	Sulfur, LECO (%)	0229	0.2350	0.0100				3			0
036.04	Sulfur, LECO (%)	0226	0.2450	0.0100				3			0
036.04	Sulfur, LECO (%)	0148	0.2575	0.0050				3			0
036.04	Sulfur, LECO (%)	0720	0.1150	0.0100				3			2
036.42	Sulfur, ICP, Open vessel (%)	0229	0.2150	0.0100	0.2478	0.0184	0.0103	20	-1.78	7%	0
036.42	Sulfur, ICP, Open vessel (%)	0278	0.2250	0.0100	0.2478	0.0184	0.0103	20	-1.24	5%	0
036.42	Sulfur, ICP, Open vessel (%)	0096	0.2259	0.0210	0.2478	0.0184	0.0103	20	-1.19	4%	0
036.42	Sulfur, ICP, Open vessel (%)	0870	0.2281	0.0072	0.2478	0.0184	0.0103	20	-1.07	4%	0
036.42	Sulfur, ICP, Open vessel (%)	2129	0.2340	0.0310	0.2478	0.0184	0.0103	20	-0.75	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0693	0.2375	0.0050	0.2478	0.0184	0.0103	20	-0.56	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0035	0.2400	0.0000	0.2478	0.0184	0.0103	20	-0.43	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0265	0.2450	0.0100	0.2478	0.0184	0.0103	20	-0.15	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0357	0.2470	0.0059	0.2478	0.0184	0.0103	20	-0.05	0%	0
036.42	Sulfur, ICP, Open vessel (%)	0045	0.2490	0.0300	0.2478	0.0184	0.0103	20	0.06	0%	0
036.42	Sulfur, ICP, Open vessel (%)	0726	0.2500	0.0000	0.2478	0.0184	0.0103	20	0.12	0%	0
036.42	Sulfur, ICP, Open vessel (%)	0042	0.2505	0.0330	0.2478	0.0184	0.0103	20	0.14	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0186	0.2522	0.0141	0.2478	0.0184	0.0103	20	0.23	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0164	0.2550	0.0100	0.2478	0.0184	0.0103	20	0.39	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0294	0.2550	0.0100	0.2478	0.0184	0.0103	20	0.39	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0171	0.2585	0.0030	0.2478	0.0184	0.0103	20	0.58	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0708	0.2630	0.0000	0.2478	0.0184	0.0103	20	0.82	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0190	0.2700	0.0000	0.2478	0.0184	0.0103	20	1.20	4%	0
036.42	Sulfur, ICP, Open vessel (%)	0037	0.3025	0.0010	0.2478	0.0184	0.0103	20	2.96	11%	0
036.42	Sulfur, ICP, Open vessel (%)	0407	0.3309	0.0044	0.2478	0.0184	0.0103	20	4.50	17%	0
036.43	Sulfur, ICP, Microwave (%)	2326	0.2300	0.0000	0.2593	0.0136	0.0066	15	-2.16	6%	0
036.43	Sulfur, ICP, Microwave (%)	0870	0.2421	0.0073	0.2593	0.0136	0.0066	15	-1.27	3%	0
036.43	Sulfur, ICP, Microwave (%)	0083	0.2500	0.0000	0.2593	0.0136	0.0066	15	-0.68	2%	0
036.43	Sulfur, ICP, Microwave (%)	0297	0.2500	0.0000	0.2593	0.0136	0.0066	15	-0.68	2%	0
036.43	Sulfur, ICP, Microwave (%)	0035	0.2550	0.0100	0.2593	0.0136	0.0066	15	-0.31	1%	0
036.43	Sulfur, ICP, Microwave (%)	2089	0.2550	0.0100	0.2593	0.0136	0.0066	15	-0.31	1%	0
036.43	Sulfur, ICP, Microwave (%)	0345	0.2565	0.0070	0.2593	0.0136	0.0066	15	-0.20	1%	0
036.43	Sulfur, ICP, Microwave (%)	0918	0.2585	0.0010	0.2593	0.0136	0.0066	15	-0.06	0%	0
036.43	Sulfur, ICP, Microwave (%)	0098	0.2600	0.0103	0.2593	0.0136	0.0066	15	0.05	0%	0
036.43	Sulfur, ICP, Microwave (%)	0682	0.2600	0.0000	0.2593	0.0136	0.0066	15	0.05	0%	0
036.43	Sulfur, ICP, Microwave (%)	0032	0.2650	0.0100	0.2593	0.0136	0.0066	15	0.42	1%	0
036.43	Sulfur, ICP, Microwave (%)	0407	0.2674	0.0065	0.2593	0.0136	0.0066	15	0.60	2%	0
036.43	Sulfur, ICP, Microwave (%)	0202	0.2715	0.0170	0.2593	0.0136	0.0066	15	0.90	2%	0
036.43	Sulfur, ICP, Microwave (%)	0169	0.2950	0.0100	0.2593	0.0136	0.0066	15	2.63	7%	0
036.43	Sulfur, ICP, Microwave (%)	0510	0.2950	0.0100	0.2593	0.0136	0.0066	15	2.63	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 (%)	0353	0.2400	0.0400	0.2593	0.0136	0.0066	15	-1.42	4%	1
036.52	Sulfur, ICP-MS, Open vessel (%)	0186	0.2556	0.0134				2			0
036.52	Sulfur, ICP-MS, Open vessel (%)	0560	0.3149	0.0202				2			0
036.53	Sulfur, ICP-MS, Microwave (%)	0553	0.2450	0.0040				1			0
036.99	Sulfur, Miscellaneous (%)	0889	0.2200	0.0000				2			0
036.99	Sulfur, Miscellaneous (%)	0242	0.2250	0.0100				2			0
037.31	Zinc, AAS, Dry ash (ppm)	0689	168.0	5.500	178.1	8.033	2.702	11	-1.27	3%	0
037.31	Zinc, AAS, Dry ash (ppm)	0536	172.1	0.2900	178.1	8.033	2.702	11	-0.75	2%	0
037.31	Zinc, AAS, Dry ash (ppm)	0529	172.8	1.500	178.1	8.033	2.702	11	-0.67	2%	0
037.31	Zinc, AAS, Dry ash (ppm)	0651	174.4	2.980	178.1	8.033	2.702	11	-0.46	1%	0
037.31	Zinc, AAS, Dry ash (ppm)	0939	175.0	2.330	178.1	8.033	2.702	11	-0.38	1%	0
037.31	Zinc, AAS, Dry ash (ppm)	0563	176.7	3.475	178.1	8.033	2.702	11	-0.17	0%	0
037.31	Zinc, AAS, Dry ash (ppm)	0001	177.8	6.600	178.1	8.033	2.702	11	-0.04	0%	0
037.31	Zinc, AAS, Dry ash (ppm)	0175	181.0	6.000	178.1	8.033	2.702	11	0.36	1%	0
037.31	Zinc, AAS, Dry ash (ppm)	2188	181.2	0.0500	178.1	8.033	2.702	11	0.38	1%	0
037.31	Zinc, AAS, Dry ash (ppm)	0208	191.5	1.000	178.1	8.033	2.702	11	1.67	4%	0
037.31	Zinc, AAS, Dry ash (ppm)	2196	192.5	0.0000	178.1	8.033	2.702	11	1.79	4%	0
037.32	Zinc, AAS, Open vessel (ppm)	0038	179.3	4.800				1			0
037.33	Zinc, AAS, Microwave (ppm)	2022	174.0	0.9000				3			0
037.33	Zinc, AAS, Microwave (ppm)	0010	175.0	10.00				3			0
037.33	Zinc, AAS, Microwave (ppm)	0948	184.2	1.080				3			0
037.33	Zinc, AAS, Microwave (ppm)	2178	147.6	42.60				3			1
037.41	Zinc, ICP, Dry ash (ppm)	0049	164.4	4.080	177.6	9.210	4.771	17	-1.43	4%	0
037.41	Zinc, ICP, Dry ash (ppm)	0653	167.7	1.500	177.6	9.210	4.771	17	-1.08	3%	0
037.41	Zinc, ICP, Dry ash (ppm)	0619	168.0	2.742	177.6	9.210	4.771	17	-1.05	3%	0
037.41	Zinc, ICP, Dry ash (ppm)	0520	169.5	7.000	177.6	9.210	4.771	17	-0.88	2%	0
037.41	Zinc, ICP, Dry ash (ppm)	0171	170.2	0.3000	177.6	9.210	4.771	17	-0.81	2%	0
037.41	Zinc, ICP, Dry ash (ppm)	0208	174.1	0.7000	177.6	9.210	4.771	17	-0.39	1%	0
037.41	Zinc, ICP, Dry ash (ppm)	0720	174.5	0.3200	177.6	9.210	4.771	17	-0.34	1%	0
037.41	Zinc, ICP, Dry ash (ppm)	0226	176.1	0.8900	177.6	9.210	4.771	17	-0.16	0%	0
037.41	Zinc, ICP, Dry ash (ppm)	0358	177.7	11.48	177.6	9.210	4.771	17	0.01	0%	0
037.41	Zinc, ICP, Dry ash (ppm)	0354	178.8	1.040	177.6	9.210	4.771	17	0.12	0%	0
037.41	Zinc, ICP, Dry ash (ppm)	0098	178.8	1.600	177.6	9.210	4.771	17	0.13	0%	0
037.41	Zinc, ICP, Dry ash (ppm)	0148	182.7	21.13	177.6	9.210	4.771	17	0.55	1%	0
037.41	Zinc, ICP, Dry ash (ppm)	0229	185.1	22.06	177.6	9.210	4.771	17	0.81	2%	0
037.41	Zinc, ICP, Dry ash (ppm)	0019	185.1	0.2000	177.6	9.210	4.771	17	0.81	2%	0
037.41	Zinc, ICP, Dry ash (ppm)	0598	185.9	2.100	177.6	9.210	4.771	17	0.89	2%	0
037.41	Zinc, ICP, Dry ash (ppm)	0407	189.6	2.650	177.6	9.210	4.771	17	1.30	3%	0
037.41	Zinc, ICP, Dry ash (ppm)	0848	202.7	1.310	177.6	9.210	4.771	17	2.73	7%	0
037.42	Zinc, ICP, Open vessel (ppm)	2129	159.8	3.900	176.5	12.31	5.652	18	-1.36	5%	0
037.42	Zinc, ICP, Open vessel (ppm)	0294	163.5	1.860	176.5	12.31	5.652	18	-1.06	4%	0
037.42	Zinc, ICP, Open vessel (ppm)	0096	165.1	17.68	176.5	12.31	5.652	18	-0.93	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			
037.42	Zinc, ICP, Open vessel (ppm)	0186	167.5	9.000	176.5	12.31	5.652	18	-0.73	3%	0
037.42	Zinc, ICP, Open vessel (ppm)	0263	168.2	1.494	176.5	12.31	5.652	18	-0.67	2%	0
037.42	Zinc, ICP, Open vessel (ppm)	0009	168.5	5.000	176.5	12.31	5.652	18	-0.65	2%	0
037.42	Zinc, ICP, Open vessel (ppm)	0045	170.5	3.000	176.5	12.31	5.652	18	-0.49	2%	0
037.42	Zinc, ICP, Open vessel (ppm)	0278	170.6	8.000	176.5	12.31	5.652	18	-0.48	2%	0
037.42	Zinc, ICP, Open vessel (ppm)	0693	172.8	3.470	176.5	12.31	5.652	18	-0.30	1%	0
037.42	Zinc, ICP, Open vessel (ppm)	2319	174.0	4.000	176.5	12.31	5.652	18	-0.20	1%	0
037.42	Zinc, ICP, Open vessel (ppm)	0265	179.5	5.000	176.5	12.31	5.652	18	0.24	1%	0
037.42	Zinc, ICP, Open vessel (ppm)	0042	181.5	15.00	176.5	12.31	5.652	18	0.41	1%	0
037.42	Zinc, ICP, Open vessel (ppm)	0035	183.8	0.9000	176.5	12.31	5.652	18	0.59	2%	0
037.42	Zinc, ICP, Open vessel (ppm)	0190	185.7	6.010	176.5	12.31	5.652	18	0.75	3%	0
037.42	Zinc, ICP, Open vessel (ppm)	0726	187.5	2.300	176.5	12.31	5.652	18	0.89	3%	0
037.42	Zinc, ICP, Open vessel (ppm)	0357	188.5	2.822	176.5	12.31	5.652	18	0.98	3%	0
037.42	Zinc, ICP, Open vessel (ppm)	0870	197.1	0.9000	176.5	12.31	5.652	18	1.67	6%	0
037.42	Zinc, ICP, Open vessel (ppm)	0037	200.9	11.40	176.5	12.31	5.652	18	1.98	7%	0
037.43	Zinc, ICP, Microwave (ppm)	0511	155.0	2.000	180.0	10.28	3.021	25	-2.43	7%	0
037.43	Zinc, ICP, Microwave (ppm)	2322	160.5	1.450	180.0	10.28	3.021	25	-1.89	5%	0
037.43	Zinc, ICP, Microwave (ppm)	2089	165.6	1.490	180.0	10.28	3.021	25	-1.40	4%	0
037.43	Zinc, ICP, Microwave (ppm)	0918	167.0	1.970	180.0	10.28	3.021	25	-1.26	4%	0
037.43	Zinc, ICP, Microwave (ppm)	2326	172.5	5.000	180.0	10.28	3.021	25	-0.73	2%	0
037.43	Zinc, ICP, Microwave (ppm)	0083	175.0	2.000	180.0	10.28	3.021	25	-0.48	1%	0
037.43	Zinc, ICP, Microwave (ppm)	0610	175.5	1.000	180.0	10.28	3.021	25	-0.43	1%	0
037.43	Zinc, ICP, Microwave (ppm)	0682	175.8	0.0000	180.0	10.28	3.021	25	-0.41	1%	0
037.43	Zinc, ICP, Microwave (ppm)	0425	175.9	4.200	180.0	10.28	3.021	25	-0.40	1%	0
037.43	Zinc, ICP, Microwave (ppm)	0675	176.1	4.370	180.0	10.28	3.021	25	-0.37	1%	0
037.43	Zinc, ICP, Microwave (ppm)	0345	176.2	4.600	180.0	10.28	3.021	25	-0.37	1%	0
037.43	Zinc, ICP, Microwave (ppm)	0169	178.0	2.000	180.0	10.28	3.021	25	-0.19	1%	0
037.43	Zinc, ICP, Microwave (ppm)	0033	180.0	0.0000	180.0	10.28	3.021	25	0.00	0%	0
037.43	Zinc, ICP, Microwave (ppm)	0505	181.0	0.7000	180.0	10.28	3.021	25	0.10	0%	0
037.43	Zinc, ICP, Microwave (ppm)	0098	182.6	9.000	180.0	10.28	3.021	25	0.26	1%	0
037.43	Zinc, ICP, Microwave (ppm)	0510	183.0	2.000	180.0	10.28	3.021	25	0.30	1%	0
037.43	Zinc, ICP, Microwave (ppm)	0297	185.0	0.0000	180.0	10.28	3.021	25	0.49	1%	0
037.43	Zinc, ICP, Microwave (ppm)	0968	186.5	1.000	180.0	10.28	3.021	25	0.64	2%	0
037.43	Zinc, ICP, Microwave (ppm)	2192	187.0	0.0000	180.0	10.28	3.021	25	0.68	2%	0
037.43	Zinc, ICP, Microwave (ppm)	0353	187.5	7.000	180.0	10.28	3.021	25	0.73	2%	0
037.43	Zinc, ICP, Microwave (ppm)	0202	188.6	6.600	180.0	10.28	3.021	25	0.84	2%	0
037.43	Zinc, ICP, Microwave (ppm)	0035	188.9	1.000	180.0	10.28	3.021	25	0.87	2%	0
037.43	Zinc, ICP, Microwave (ppm)	0407	193.1	0.7513	180.0	10.28	3.021	25	1.28	4%	0
037.43	Zinc, ICP, Microwave (ppm)	0032	194.0	16.00	180.0	10.28	3.021	25	1.37	4%	0
037.43	Zinc, ICP, Microwave (ppm)	0870	198.8	1.400	180.0	10.28	3.021	25	1.83	5%	0
037.43	Zinc, ICP, Microwave (ppm)	0876	155.0	31.17	180.0	10.28	3.021	25	-2.43	7%	1
037.43	Zinc, ICP, Microwave (ppm)	0017	160.9	33.75	180.0	10.28	3.021	25	-1.86	5%	1

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			
037.44	Zinc, ICP, Dry ash (ppm)	0066	149.6	3.140				2			0
037.44	Zinc, ICP, Dry ash (ppm)	0164	173.5	3.000				2			0
037.52	Zinc, ICP-MS, Open vessel (ppm)	0560	177.4	11.90	181.8	5.399	7.871	4			0
037.52	Zinc, ICP-MS, Open vessel (ppm)	0186	177.5	5.000	181.8	5.399	7.871	4			0
037.52	Zinc, ICP-MS, Open vessel (ppm)	0096	183.9	11.58	181.8	5.399	7.871	4			0
037.52	Zinc, ICP-MS, Open vessel (ppm)	0016	188.5	3.000	181.8	5.399	7.871	4			0
037.53	Zinc, ICP-MS, Microwave (ppm)	0939	170.0	6.000	179.0	5.511	5.331	5			0
037.53	Zinc, ICP-MS, Microwave (ppm)	0572	178.5	13.00	179.0	5.511	5.331	5			0
037.53	Zinc, ICP-MS, Microwave (ppm)	0199	180.0	2.000	179.0	5.511	5.331	5			0
037.53	Zinc, ICP-MS, Microwave (ppm)	0553	182.5	3.000	179.0	5.511	5.331	5			0
037.53	Zinc, ICP-MS, Microwave (ppm)	0407	184.2	2.653	179.0	5.511	5.331	5			0
037.99	Zinc, Miscellaneous (ppm)	0242	168.0	8.000				3			0
037.99	Zinc, Miscellaneous (ppm)	0889	179.6	7.670				3			0
037.99	Zinc, Miscellaneous (ppm)	0100	193.0	4.000				3			0
038.41	Molybdenum, ICP, Dry ash (ppm)	0171	1.661	0.0550				3			0
038.41	Molybdenum, ICP, Dry ash (ppm)	0407	1.752	0.0484				3			0
038.41	Molybdenum, ICP, Dry ash (ppm)	0226	2.080	0.0600				3			0
038.42	Molybdenum, ICP, Open vessel (ppm)	0278	1.970	0.0200	2.290	0.3590	0.1624	4			0
038.42	Molybdenum, ICP, Open vessel (ppm)	0693	2.188	0.0390	2.290	0.3590	0.1624	4			0
038.42	Molybdenum, ICP, Open vessel (ppm)	0096	2.197	0.3207	2.290	0.3590	0.1624	4			0
038.42	Molybdenum, ICP, Open vessel (ppm)	0045	2.805	0.2700	2.290	0.3590	0.1624	4			0
038.42	Molybdenum, ICP, Open vessel (ppm)	0265	4.970	0.8200	2.290	0.3590	0.1624	4			2
038.43	Molybdenum, ICP, Microwave (ppm)	0353	1.561	0.0294	1.856	0.2204	0.0303	7	-1.34	8%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0407	1.737	0.0325	1.856	0.2204	0.0303	7	-0.54	3%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0345	1.755	0.1100	1.856	0.2204	0.0303	7	-0.46	3%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0169	1.880	0.0200	1.856	0.2204	0.0303	7	0.11	1%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0083	1.900	0.0000	1.856	0.2204	0.0303	7	0.20	1%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0510	2.000	0.0000	1.856	0.2204	0.0303	7	0.65	4%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0297	2.160	0.0200	1.856	0.2204	0.0303	7	1.38	8%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0202	2.005	0.3300	1.856	0.2204	0.0303	7	0.67	4%	1
038.52	Molybdenum, ICP-MS, Open vessel (ppm)	0186	1.905	0.1100				2			0
038.52	Molybdenum, ICP-MS, Open vessel (ppm)	0096	2.243	0.4165				2			0
038.53	Molybdenum, ICP-MS, Microwave (ppm)	0164	2.010	0.1000	2.125	0.1037	0.1134	5			0
038.53	Molybdenum, ICP-MS, Microwave (ppm)	0407	2.062	0.0809	2.125	0.1037	0.1134	5			0
038.53	Molybdenum, ICP-MS, Microwave (ppm)	0939	2.095	0.1900	2.125	0.1037	0.1134	5			0
038.53	Molybdenum, ICP-MS, Microwave (ppm)	0553	2.190	0.0600	2.125	0.1037	0.1134	5			0
038.53	Molybdenum, ICP-MS, Microwave (ppm)	0918	2.269	0.1362	2.125	0.1037	0.1134	5			0
040.52	Barium, ICP-MS, Open vessel (ppm)	0096	3.845	0.5158				2			0
040.52	Barium, ICP-MS, Open vessel (ppm)	0560	4.120	0.2200				2			0
040.53	Barium, ICP-MS, Microwave (ppm)	0918	3.724	0.1129				2			0
040.53	Barium, ICP-MS, Microwave (ppm)	0407	3.933	0.0818				2			0
041.53	Vanadium, ICP-MS, Microwave (ppm)	0553	0.7650	0.0560				2			0

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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
041.53	Vanadium, ICP-MS, Microwave (ppm)	0407	0.7793	0.0254				2			0
042.00	Chloride, Titrimetric (%)	0619	0.5830	0.0180				3			0
042.00	Chloride, Titrimetric (%)	0948	0.6400	0.0000				3			0
042.00	Chloride, Titrimetric (%)	2326	0.6500	0.0000				3			0
042.99	Chloride, Miscellaneous (%)	0297	0.6050	0.0100				2			0
042.99	Chloride, Miscellaneous (%)	0066	0.7200	0.0400				2			0
101.99	Choline Chloride, Miscellaneous (ppm)	0227	1,570	0.0000				1			0
102.01	Niacin, Microbiological (ppm)	0227	51.65	1.300				1			0
102.02	Niacin, LC (ppm)	0010	8.050	0.7000				2			0
102.02	Niacin, LC (ppm)	2319	15.95	0.1000				2			0
102.99	Niacin, Miscellaneous (ppm)	0160	10.15	0.1000				1			0
103.01	Pantothenic Acid, Microbiological (ppm)	0227	7.715	0.1300				1			0
103.02	Pantothenic Acid, LC (ppm)	0010	7.600	0.2000				1			0
103.99	Pantothenic Acid, Miscellaneous (ppm)	0160	14.75	3.100				1			0
104.00	Riboflavin, Fluorometric (ppm)	0227	4.420	0.2200				2			0
104.00	Riboflavin, Fluorometric (ppm)	0171	15.40	2.400				2			0
104.03	Riboflavin, LC (ppm)	0010	1.500	0.0000				2			0
104.03	Riboflavin, LC (ppm)	2319	1.724	0.4000				2			0
104.99	Riboflavin, Miscellaneous (ppm)	0160	0.8600	0.1000				1			0
105.01	Thiamine, Fluorometer (ppm)	0227	3.840	0.2600				1			0
106.00	Vitamin A, Color (KU / kg)	0227	14.80	0.6000				1			0
106.01	Vitamin A, UV (KU / kg)	0098	18.65	5.300				1			0
106.02	Vitamin A, LC (KU / kg)	0199	8.440	2.180	13.44	3.657	1.748	15	-1.37	19%	0
106.02	Vitamin A, LC (KU / kg)	0027	10.96	2.019	13.44	3.657	1.748	15	-0.68	9%	0
106.02	Vitamin A, LC (KU / kg)	0676	11.00	1.220	13.44	3.657	1.748	15	-0.67	9%	0
106.02	Vitamin A, LC (KU / kg)	2022	11.00	0.0000	13.44	3.657	1.748	15	-0.67	9%	0
106.02	Vitamin A, LC (KU / kg)	0638	11.30	0.0000	13.44	3.657	1.748	15	-0.58	8%	0
106.02	Vitamin A, LC (KU / kg)	0512	11.93	3.740	13.44	3.657	1.748	15	-0.41	6%	0
106.02	Vitamin A, LC (KU / kg)	2319	12.55	1.700	13.44	3.657	1.748	15	-0.24	3%	0
106.02	Vitamin A, LC (KU / kg)	0010	12.58	0.7700	13.44	3.657	1.748	15	-0.24	3%	0
106.02	Vitamin A, LC (KU / kg)	0036	12.85	0.9000	13.44	3.657	1.748	15	-0.16	2%	0
106.02	Vitamin A, LC (KU / kg)	0148	13.00	2.310	13.44	3.657	1.748	15	-0.12	2%	0
106.02	Vitamin A, LC (KU / kg)	0860	13.98	0.0000	13.44	3.657	1.748	15	0.15	2%	0
106.02	Vitamin A, LC (KU / kg)	2103	15.21	3.700	13.44	3.657	1.748	15	0.48	7%	0
106.02	Vitamin A, LC (KU / kg)	0169	19.50	1.000	13.44	3.657	1.748	15	1.66	23%	0
106.02	Vitamin A, LC (KU / kg)	0563	19.59	2.568	13.44	3.657	1.748	15	1.68	23%	0
106.02	Vitamin A, LC (KU / kg)	0038	31.25	4.110	13.44	3.657	1.748	15	4.87	66%	0
106.02	Vitamin A, LC (KU / kg)	0610	10.25	10.90	13.44	3.657	1.748	15	-0.87	12%	1
106.99	Vitamin A, Miscellaneous (KU / kg)	0619	10.09	5.630				2			0
106.99	Vitamin A, Miscellaneous (KU / kg)	0160	15.85	3.300				2			0
107.00	Vitamin B12, Microbiological (ppb)	0227	6.405	0.3500				1			0
107.99	Vitamin B12, Miscellaneous (ppb)	0160	88.50	23.00				1			0

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108.01	Vitamin D3, LC, AOAC (KU / kg)	0169	3.500	1.000				1			0
108.02	Vitamin D3, LC (KU / kg)	0227	4.440	0.2600	5.428	1.046	0.7750	4			0
108.02	Vitamin D3, LC (KU / kg)	2319	5.090	0.3000	5.428	1.046	0.7750	4			0
108.02	Vitamin D3, LC (KU / kg)	0208	5.280	1.740	5.428	1.046	0.7750	4			0
108.02	Vitamin D3, LC (KU / kg)	0610	6.900	0.8000	5.428	1.046	0.7750	4			0
108.99	Vitamin D3, Miscellaneous (KU / kg)	0619	3.200	0.3200				2			0
108.99	Vitamin D3, Miscellaneous (KU / kg)	0010	3.955	1.210				2			0
109.02	Vitamin E, LC (IU / kg)	0619	67.50	5.000	93.50	10.70	2.328	15	-2.43	14%	0
109.02	Vitamin E, LC (IU / kg)	0208	77.58	5.194	93.50	10.70	2.328	15	-1.49	9%	0
109.02	Vitamin E, LC (IU / kg)	0098	83.10	4.200	93.50	10.70	2.328	15	-0.97	6%	0
109.02	Vitamin E, LC (IU / kg)	0148	84.85	4.560	93.50	10.70	2.328	15	-0.81	5%	0
109.02	Vitamin E, LC (IU / kg)	0036	87.75	0.7000	93.50	10.70	2.328	15	-0.54	3%	0
109.02	Vitamin E, LC (IU / kg)	2193	90.75	0.2700	93.50	10.70	2.328	15	-0.26	1%	0
109.02	Vitamin E, LC (IU / kg)	0610	95.50	4.400	93.50	10.70	2.328	15	0.19	1%	0
109.02	Vitamin E, LC (IU / kg)	0227	98.45	0.7000	93.50	10.70	2.328	15	0.46	3%	0
109.02	Vitamin E, LC (IU / kg)	0563	98.85	2.530	93.50	10.70	2.328	15	0.50	3%	0
109.02	Vitamin E, LC (IU / kg)	2319	98.90	0.4000	93.50	10.70	2.328	15	0.50	3%	0
109.02	Vitamin E, LC (IU / kg)	0169	99.00	2.000	93.50	10.70	2.328	15	0.51	3%	0
109.02	Vitamin E, LC (IU / kg)	0676	99.87	2.470	93.50	10.70	2.328	15	0.59	3%	0
109.02	Vitamin E, LC (IU / kg)	2022	100.0	0.0000	93.50	10.70	2.328	15	0.61	3%	0
109.02	Vitamin E, LC (IU / kg)	0638	100.9	0.0000	93.50	10.70	2.328	15	0.69	4%	0
109.02	Vitamin E, LC (IU / kg)	0199	129.2	2.500	93.50	10.70	2.328	15	3.33	19%	0
109.99	Vitamin E, Miscellaneous (IU / kg)	0160	49.00	2.800				1			0
111.00	Vitamin C, Phosphorylated, LC (ppm)	0227	< 4.4					0			5
112.01	Pyridoxine, LC (µg / g)	0227	3.530	0.1000				1			0
113.02	Folic acid, LC (ppm)	0227	0.7235	0.0090				1			0
114.01	Biotin, Microbiological (ppm)	0227	0.2190	0.0140				1			0
115.00	Non Protein N (NPN), Urea + Am, Urease method (%)	0098	0.4000	0.1200				1			0
118.99	Peroxide value, Miscellaneous (meq/kg)	2081	6.095	2.710				1			0
120.00	Alanine, Post-col Ninhydrin Der (%)	0353	0.7000	0.0000	0.8039	0.0227	0.0136	16	-4.58	6%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0675	0.7200	0.0400	0.8039	0.0227	0.0136	16	-3.70	5%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0682	0.7370	0.0000	0.8039	0.0227	0.0136	16	-2.95	4%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0354	0.7905	0.0110	0.8039	0.0227	0.0136	16	-0.59	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0918	0.7986	0.0043	0.8039	0.0227	0.0136	16	-0.23	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0652	0.8000	0.0200	0.8039	0.0227	0.0136	16	-0.17	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0859	0.8072	0.0174	0.8039	0.0227	0.0136	16	0.15	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0870	0.8089	0.0087	0.8039	0.0227	0.0136	16	0.22	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0619	0.8095	0.0070	0.8039	0.0227	0.0136	16	0.25	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0504	0.8100	0.0200	0.8039	0.0227	0.0136	16	0.27	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0571	0.8145	0.0150	0.8039	0.0227	0.0136	16	0.47	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0684	0.8150	0.0100	0.8039	0.0227	0.0136	16	0.49	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0941	0.8173	0.0195	0.8039	0.0227	0.0136	16	0.59	1%	0

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120.00	Alanine, Post-col Ninhydrin Der (%)	0968	0.8200	0.0000	0.8039	0.0227	0.0136	16	0.71	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0644	0.8230	0.0100	0.8039	0.0227	0.0136	16	0.84	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0226	0.9365	0.0345	0.8039	0.0227	0.0136	16	5.85	8%	0
120.02	Alanine, Post-col OPA Der (%)	0098	0.8055	0.0090				1			0
120.05	Alanine, Pre-col AQC Der (%)	2319	0.7900	0.0000	0.8019	0.0115	0.0080	6	-1.03	1%	0
120.05	Alanine, Pre-col AQC Der (%)	2196	0.7940	0.0000	0.8019	0.0115	0.0080	6	-0.68	0%	0
120.05	Alanine, Pre-col AQC Der (%)	0676	0.8000	0.0200	0.8019	0.0115	0.0080	6	-0.16	0%	0
120.05	Alanine, Pre-col AQC Der (%)	2188	0.8030	0.0000	0.8019	0.0115	0.0080	6	0.10	0%	0
120.05	Alanine, Pre-col AQC Der (%)	0148	0.8050	0.0100	0.8019	0.0115	0.0080	6	0.27	0%	0
120.05	Alanine, Pre-col AQC Der (%)	0407	1.084	0.0180	0.8019	0.0115	0.0080	6	24.53	18%	0
120.05	Alanine, Pre-col AQC Der (%)	0626	5.072	1.049	0.8019	0.0115	0.0080	6	371.22	266%	1
120.99	Alanine, Miscellaneous (%)	2144	0.6550	0.0100				3			0
120.99	Alanine, Miscellaneous (%)	0889	0.7100	0.0000				3			0
120.99	Alanine, Miscellaneous (%)	0227	0.8250	0.0100				3			0
121.00	Arginine, Post-col Ninhydrin Der (%)	0859	0.7752	0.0179	0.8415	0.0438	0.0109	15	-1.51	4%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0682	0.7830	0.0000	0.8415	0.0438	0.0109	15	-1.34	3%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0675	0.8100	0.0200	0.8415	0.0438	0.0109	15	-0.72	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0684	0.8100	0.0200	0.8415	0.0438	0.0109	15	-0.72	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0354	0.8105	0.0010	0.8415	0.0438	0.0109	15	-0.71	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0870	0.8283	0.0203	0.8415	0.0438	0.0109	15	-0.30	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0652	0.8350	0.0100	0.8415	0.0438	0.0109	15	-0.15	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0968	0.8400	0.0000	0.8415	0.0438	0.0109	15	-0.03	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0504	0.8450	0.0100	0.8415	0.0438	0.0109	15	0.08	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0571	0.8645	0.0130	0.8415	0.0438	0.0109	15	0.53	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0918	0.8736	0.0087	0.8415	0.0438	0.0109	15	0.73	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0644	0.8765	0.0130	0.8415	0.0438	0.0109	15	0.80	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0941	0.8825	0.0010	0.8415	0.0438	0.0109	15	0.94	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0226	0.8914	0.0210	0.8415	0.0438	0.0109	15	1.14	3%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0619	0.8965	0.0070	0.8415	0.0438	0.0109	15	1.26	3%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0353	0.7700	0.0800	0.8415	0.0438	0.0109	15	-1.63	4%	1
121.02	Arginine, Post-col OPA Der (%)	0098	0.8265	0.0030				1			0
121.05	Arginine, Pre-col AQC Der (%)	2188	0.7670	0.0000	0.8792	0.0583	0.0219	7	-1.93	6%	0
121.05	Arginine, Pre-col AQC Der (%)	0148	0.8600	0.0400	0.8792	0.0583	0.0219	7	-0.33	1%	0
121.05	Arginine, Pre-col AQC Der (%)	0676	0.8600	0.0400	0.8792	0.0583	0.0219	7	-0.33	1%	0
121.05	Arginine, Pre-col AQC Der (%)	2196	0.8770	0.0000	0.8792	0.0583	0.0219	7	-0.04	0%	0
121.05	Arginine, Pre-col AQC Der (%)	0407	0.8990	0.0540	0.8792	0.0583	0.0219	7	0.34	1%	0
121.05	Arginine, Pre-col AQC Der (%)	2319	0.9000	0.0000	0.8792	0.0583	0.0219	7	0.36	1%	0
121.05	Arginine, Pre-col AQC Der (%)	0626	4.211	0.0190	0.8792	0.0583	0.0219	7	57.16	189%	0
121.99	Arginine, Miscellaneous (%)	0889	0.7700	0.0600				2			0
121.99	Arginine, Miscellaneous (%)	0227	0.8450	0.0100				2			0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0675	1.105	0.0500	1.209	0.0438	0.0211	16	-2.37	4%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0682	1.109	0.0000	1.209	0.0438	0.0211	16	-2.28	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			
122.00	Aspartic, Post-col Ninhydrin Der (%)	0859	1.158	0.0277	1.209	0.0438	0.0211	16	-1.17	2%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0354	1.173	0.0130	1.209	0.0438	0.0211	16	-0.83	2%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0353	1.195	0.0100	1.209	0.0438	0.0211	16	-0.32	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0941	1.205	0.0320	1.209	0.0438	0.0211	16	-0.09	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0644	1.215	0.0340	1.209	0.0438	0.0211	16	0.14	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0571	1.217	0.0290	1.209	0.0438	0.0211	16	0.17	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0652	1.220	0.0200	1.209	0.0438	0.0211	16	0.25	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0684	1.220	0.0200	1.209	0.0438	0.0211	16	0.25	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0968	1.220	0.0000	1.209	0.0438	0.0211	16	0.25	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0504	1.225	0.0500	1.209	0.0438	0.0211	16	0.37	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0918	1.227	0.0036	1.209	0.0438	0.0211	16	0.41	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0619	1.245	0.0100	1.209	0.0438	0.0211	16	0.82	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0870	1.263	0.0069	1.209	0.0438	0.0211	16	1.24	2%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0226	1.333	0.0314	1.209	0.0438	0.0211	16	2.83	5%	0
122.02	Aspartic, Post-col OPA Der (%)	0098	1.203	0.0210				1			0
122.05	Aspartic, Pre-col AQC Der (%)	2188	1.183	0.0000	1.353	0.1990	0.0233	7	-0.85	6%	0
122.05	Aspartic, Pre-col AQC Der (%)	2196	1.185	0.0000	1.353	0.1990	0.0233	7	-0.84	6%	0
122.05	Aspartic, Pre-col AQC Der (%)	2319	1.270	0.0200	1.353	0.1990	0.0233	7	-0.42	3%	0
122.05	Aspartic, Pre-col AQC Der (%)	0148	1.285	0.0100	1.353	0.1990	0.0233	7	-0.34	3%	0
122.05	Aspartic, Pre-col AQC Der (%)	0676	1.380	0.0400	1.353	0.1990	0.0233	7	0.14	1%	0
122.05	Aspartic, Pre-col AQC Der (%)	0407	1.516	0.0130	1.353	0.1990	0.0233	7	0.82	6%	0
122.05	Aspartic, Pre-col AQC Der (%)	0626	6.509	0.0800	1.353	0.1990	0.0233	7	25.91	191%	0
122.99	Aspartic, Miscellaneous (%)	2144	0.7750	0.0100				3			0
122.99	Aspartic, Miscellaneous (%)	0889	1.135	0.0500				3			0
122.99	Aspartic, Miscellaneous (%)	0227	1.230	0.0200				3			0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0870	0.1995	0.0074	0.2565	0.0232	0.0056	16	-2.45	11%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0918	0.2300	0.0200	0.2565	0.0232	0.0056	16	-1.14	5%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0353	0.2300	0.0000	0.2565	0.0232	0.0056	16	-1.14	5%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0859	0.2346	0.0062	0.2565	0.0232	0.0056	16	-0.94	4%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0644	0.2485	0.0030	0.2565	0.0232	0.0056	16	-0.34	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0652	0.2500	0.0000	0.2565	0.0232	0.0056	16	-0.28	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0684	0.2500	0.0000	0.2565	0.0232	0.0056	16	-0.28	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0571	0.2580	0.0020	0.2565	0.0232	0.0056	16	0.07	0%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0941	0.2590	0.0040	0.2565	0.0232	0.0056	16	0.11	0%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0675	0.2600	0.0200	0.2565	0.0232	0.0056	16	0.15	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0968	0.2600	0.0000	0.2565	0.0232	0.0056	16	0.15	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0504	0.2750	0.0100	0.2565	0.0232	0.0056	16	0.80	4%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0619	0.2775	0.0030	0.2565	0.0232	0.0056	16	0.91	4%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0354	0.2780	0.0020	0.2565	0.0232	0.0056	16	0.93	4%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0682	0.2800	0.0000	0.2565	0.0232	0.0056	16	1.01	5%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0226	0.3004	0.0125	0.2565	0.0232	0.0056	16	1.89	9%	0
124.02	Cysteine/Cystine, PAO Post-col OPA Der (%)	0098	0.2725	0.0010				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			
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0407	0.2037	0.0409	0.2257	0.0237	0.0142	5			0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0148	0.2100	0.0200	0.2257	0.0237	0.0142	5			0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	2188	0.2130	0.0000	0.2257	0.0237	0.0142	5			0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	2319	0.2450	0.0100	0.2257	0.0237	0.0142	5			0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	2196	0.2570	0.0000	0.2257	0.0237	0.0142	5			0
124.99	Cysteine/Cystine, Miscellaneous (%)	0227	0.2100	0.0000				3			0
124.99	Cysteine/Cystine, Miscellaneous (%)	2144	0.2100	0.0000				3			0
124.99	Cysteine/Cystine, Miscellaneous (%)	0889	0.2250	0.0100				3			0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0675	2.275	0.0500	2.507	0.1149	0.0355	16	-2.02	5%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0682	2.331	0.0000	2.507	0.1149	0.0355	16	-1.53	4%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0859	2.397	0.0597	2.507	0.1149	0.0355	16	-0.96	2%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0354	2.442	0.0170	2.507	0.1149	0.0355	16	-0.57	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0918	2.446	0.0032	2.507	0.1149	0.0355	16	-0.53	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0652	2.475	0.0500	2.507	0.1149	0.0355	16	-0.28	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0684	2.500	0.0400	2.507	0.1149	0.0355	16	-0.06	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0353	2.520	0.0000	2.507	0.1149	0.0355	16	0.11	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0504	2.520	0.1000	2.507	0.1149	0.0355	16	0.11	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0571	2.532	0.0390	2.507	0.1149	0.0355	16	0.21	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0968	2.535	0.0100	2.507	0.1149	0.0355	16	0.24	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0644	2.562	0.0490	2.507	0.1149	0.0355	16	0.47	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0941	2.575	0.0530	2.507	0.1149	0.0355	16	0.59	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0870	2.584	0.0293	2.507	0.1149	0.0355	16	0.67	2%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0619	2.700	0.0200	2.507	0.1149	0.0355	16	1.68	4%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0226	2.859	0.0478	2.507	0.1149	0.0355	16	3.06	7%	0
125.02	Glutamic, Post-col OPA Der (%)	0098	2.452	0.0340				1			0
125.05	Glutamic, Pre-col AQC Der (%)	2188	2.261	0.0000	2.663	0.3900	0.0287	7	-1.03	8%	0
125.05	Glutamic, Pre-col AQC Der (%)	2196	2.474	0.0000	2.663	0.3900	0.0287	7	-0.49	4%	0
125.05	Glutamic, Pre-col AQC Der (%)	0676	2.485	0.0100	2.663	0.3900	0.0287	7	-0.46	3%	0
125.05	Glutamic, Pre-col AQC Der (%)	2319	2.555	0.0300	2.663	0.3900	0.0287	7	-0.28	2%	0
125.05	Glutamic, Pre-col AQC Der (%)	0148	2.605	0.0700	2.663	0.3900	0.0287	7	-0.15	1%	0
125.05	Glutamic, Pre-col AQC Der (%)	0407	3.014	0.0000	2.663	0.3900	0.0287	7	0.90	7%	0
125.05	Glutamic, Pre-col AQC Der (%)	0626	9.637	0.0910	2.663	0.3900	0.0287	7	17.88	131%	0
125.99	Glutamic, Miscellaneous (%)	2144	1.650	0.0200				3			0
125.99	Glutamic, Miscellaneous (%)	0889	2.195	0.0300				3			0
125.99	Glutamic, Miscellaneous (%)	0227	2.575	0.0300				3			0
126.00	Glycine, Post-col Ninhydrin Der (%)	0675	0.5650	0.0300	0.6263	0.0292	0.0123	16	-2.10	5%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0682	0.5820	0.0000	0.6263	0.0292	0.0123	16	-1.52	4%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0353	0.5900	0.0000	0.6263	0.0292	0.0123	16	-1.24	3%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0354	0.6085	0.0070	0.6263	0.0292	0.0123	16	-0.61	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0859	0.6120	0.0135	0.6263	0.0292	0.0123	16	-0.49	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0652	0.6200	0.0000	0.6263	0.0292	0.0123	16	-0.22	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0684	0.6300	0.0200	0.6263	0.0292	0.0123	16	0.13	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			
126.00	Glycine, Post-col Ninhydrin Der (%)	0918	0.6312	0.0006	0.6263	0.0292	0.0123	16	0.17	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0870	0.6313	0.0024	0.6263	0.0292	0.0123	16	0.17	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0571	0.6345	0.0090	0.6263	0.0292	0.0123	16	0.28	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0504	0.6350	0.0300	0.6263	0.0292	0.0123	16	0.30	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0968	0.6400	0.0200	0.6263	0.0292	0.0123	16	0.47	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0644	0.6450	0.0140	0.6263	0.0292	0.0123	16	0.64	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0941	0.6510	0.0120	0.6263	0.0292	0.0123	16	0.85	2%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0619	0.6570	0.0040	0.6263	0.0292	0.0123	16	1.05	2%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0226	0.6857	0.0349	0.6263	0.0292	0.0123	16	2.04	5%	0
126.02	Glycine, Post-col OPA Der (%)	0098	0.6315	0.0090				1			0
126.05	Glycine, Pre-col AQC Der (%)	2196	0.5660	0.0000	0.6667	0.1165	0.0130	7	-0.86	8%	0
126.05	Glycine, Pre-col AQC Der (%)	2319	0.5950	0.0100	0.6667	0.1165	0.0130	7	-0.62	5%	0
126.05	Glycine, Pre-col AQC Der (%)	2188	0.6240	0.0000	0.6667	0.1165	0.0130	7	-0.37	3%	0
126.05	Glycine, Pre-col AQC Der (%)	0676	0.6250	0.0100	0.6667	0.1165	0.0130	7	-0.36	3%	0
126.05	Glycine, Pre-col AQC Der (%)	0148	0.6350	0.0100	0.6667	0.1165	0.0130	7	-0.27	2%	0
126.05	Glycine, Pre-col AQC Der (%)	0407	0.7805	0.0250	0.6667	0.1165	0.0130	7	0.98	9%	0
126.05	Glycine, Pre-col AQC Der (%)	0626	4.404	0.0360	0.6667	0.1165	0.0130	7	32.07	280%	0
126.99	Glycine, Miscellaneous (%)	0889	0.3900	0.0000				3			0
126.99	Glycine, Miscellaneous (%)	2144	0.5750	0.0100				3			0
126.99	Glycine, Miscellaneous (%)	0227	0.6450	0.0100				3			0
127.00	Histidine, Post-col Ninhydrin Der (%)	0675	0.3350	0.0100	0.3713	0.0225	0.0073	16	-1.62	5%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0353	0.3400	0.0000	0.3713	0.0225	0.0073	16	-1.39	4%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0859	0.3443	0.0074	0.3713	0.0225	0.0073	16	-1.20	4%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0354	0.3510	0.0040	0.3713	0.0225	0.0073	16	-0.90	3%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0918	0.3586	0.0007	0.3713	0.0225	0.0073	16	-0.57	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0968	0.3700	0.0000	0.3713	0.0225	0.0073	16	-0.06	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0571	0.3710	0.0020	0.3713	0.0225	0.0073	16	-0.01	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0504	0.3750	0.0100	0.3713	0.0225	0.0073	16	0.17	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0682	0.3760	0.0000	0.3713	0.0225	0.0073	16	0.21	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0644	0.3795	0.0010	0.3713	0.0225	0.0073	16	0.37	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0684	0.3800	0.0200	0.3713	0.0225	0.0073	16	0.39	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0226	0.3829	0.0090	0.3713	0.0225	0.0073	16	0.52	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0870	0.3878	0.0048	0.3713	0.0225	0.0073	16	0.73	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0941	0.3890	0.0080	0.3713	0.0225	0.0073	16	0.79	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0652	0.3950	0.0100	0.3713	0.0225	0.0073	16	1.06	3%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0619	0.4030	0.0300	0.3713	0.0225	0.0073	16	1.41	4%	0
127.02	Histidine, Post-col OPA Der (%)	0098	0.3740	0.0060				1			0
127.05	Histidine, Pre-col AQC Der (%)	2188	0.3290	0.0000	0.4497	0.1543	0.0151	7	-0.78	13%	0
127.05	Histidine, Pre-col AQC Der (%)	2196	0.3550	0.0000	0.4497	0.1543	0.0151	7	-0.61	11%	0
127.05	Histidine, Pre-col AQC Der (%)	2319	0.3750	0.0100	0.4497	0.1543	0.0151	7	-0.48	8%	0
127.05	Histidine, Pre-col AQC Der (%)	0148	0.3850	0.0300	0.4497	0.1543	0.0151	7	-0.42	7%	0
127.05	Histidine, Pre-col AQC Der (%)	0676	0.4200	0.0400	0.4497	0.1543	0.0151	7	-0.19	3%	0

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127.05	Histidine, Pre-col AQC Der (%)	0407	0.6025	0.0210	0.4497	0.1543	0.0151	7	0.99	17%	0
127.05	Histidine, Pre-col AQC Der (%)	0626	1.689	0.0050	0.4497	0.1543	0.0151	7	8.03	138%	0
127.99	Histidine, Miscellaneous (%)	2144	0.2650	0.0100				3			0
127.99	Histidine, Miscellaneous (%)	0227	0.3850	0.0100				3			0
127.99	Histidine, Miscellaneous (%)	0889	0.3900	0.0000				3			0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0682	0.4340	0.0000	0.5156	0.0483	0.0129	16	-1.69	8%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0353	0.4500	0.0000	0.5156	0.0483	0.0129	16	-1.36	6%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0675	0.4650	0.0300	0.5156	0.0483	0.0129	16	-1.05	5%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0354	0.4700	0.0040	0.5156	0.0483	0.0129	16	-0.94	4%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0918	0.4840	0.0005	0.5156	0.0483	0.0129	16	-0.65	3%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0652	0.5050	0.0100	0.5156	0.0483	0.0129	16	-0.22	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0870	0.5096	0.0326	0.5156	0.0483	0.0129	16	-0.12	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0968	0.5200	0.0000	0.5156	0.0483	0.0129	16	0.09	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0571	0.5210	0.0080	0.5156	0.0483	0.0129	16	0.11	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0684	0.5350	0.0300	0.5156	0.0483	0.0129	16	0.40	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0941	0.5405	0.0010	0.5156	0.0483	0.0129	16	0.52	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0644	0.5485	0.0070	0.5156	0.0483	0.0129	16	0.68	3%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0859	0.5574	0.0110	0.5156	0.0483	0.0129	16	0.87	4%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0504	0.5600	0.0400	0.5156	0.0483	0.0129	16	0.92	4%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0619	0.5625	0.0070	0.5156	0.0483	0.0129	16	0.97	5%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0226	0.5774	0.0249	0.5156	0.0483	0.0129	16	1.28	6%	0
128.02	Isoleucine, Post-col OPA Der (%)	0098	0.5260	0.0020				1			0
128.05	Isoleucine, Pre-col AQC Der (%)	2188	0.3030	0.0000	0.5155	0.1518	0.0103	7	-1.40	21%	0
128.05	Isoleucine, Pre-col AQC Der (%)	0407	0.4280	0.0060	0.5155	0.1518	0.0103	7	-0.58	8%	0
128.05	Isoleucine, Pre-col AQC Der (%)	0676	0.5050	0.0300	0.5155	0.1518	0.0103	7	-0.07	1%	0
128.05	Isoleucine, Pre-col AQC Der (%)	2319	0.5250	0.0100	0.5155	0.1518	0.0103	7	0.06	1%	0
128.05	Isoleucine, Pre-col AQC Der (%)	2196	0.5490	0.0000	0.5155	0.1518	0.0103	7	0.22	3%	0
128.05	Isoleucine, Pre-col AQC Der (%)	0148	0.5550	0.0100	0.5155	0.1518	0.0103	7	0.26	4%	0
128.05	Isoleucine, Pre-col AQC Der (%)	0626	2.913	0.0160	0.5155	0.1518	0.0103	7	15.79	233%	0
128.99	Isoleucine, Miscellaneous (%)	2144	0.3400	0.0200				3			0
128.99	Isoleucine, Miscellaneous (%)	0889	0.5150	0.0100				3			0
128.99	Isoleucine, Miscellaneous (%)	0227	0.5250	0.0100				3			0
129.00	Leucine, Post-col Ninhydrin Der (%)	0682	1.068	0.0000	1.225	0.0402	0.0184	16	-3.92	6%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0675	1.120	0.0400	1.225	0.0402	0.0184	16	-2.62	4%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0652	1.195	0.0100	1.225	0.0402	0.0184	16	-0.76	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0684	1.195	0.0300	1.225	0.0402	0.0184	16	-0.76	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0354	1.196	0.0130	1.225	0.0402	0.0184	16	-0.75	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0870	1.210	0.0289	1.225	0.0402	0.0184	16	-0.39	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0353	1.230	0.0000	1.225	0.0402	0.0184	16	0.11	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0918	1.231	0.0111	1.225	0.0402	0.0184	16	0.14	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0571	1.234	0.0150	1.225	0.0402	0.0184	16	0.20	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0941	1.240	0.0190	1.225	0.0402	0.0184	16	0.35	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			
129.00	Leucine, Post-col Ninhydrin Der (%)	0968	1.240	0.0000	1.225	0.0402	0.0184	16	0.36	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0504	1.245	0.0300	1.225	0.0402	0.0184	16	0.49	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0859	1.248	0.0296	1.225	0.0402	0.0184	16	0.55	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0644	1.250	0.0150	1.225	0.0402	0.0184	16	0.60	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0619	1.280	0.0000	1.225	0.0402	0.0184	16	1.36	2%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0226	1.321	0.0521	1.225	0.0402	0.0184	16	2.38	4%	0
129.02	Leucine, Post-col OPA Der (%)	0098	1.232	0.0060				1			0
129.05	Leucine, Pre-col AQC Der (%)	0407	0.9165	0.0390	1.192	0.2026	0.0179	7	-1.36	12%	0
129.05	Leucine, Pre-col AQC Der (%)	2188	1.059	0.0000	1.192	0.2026	0.0179	7	-0.66	6%	0
129.05	Leucine, Pre-col AQC Der (%)	2319	1.180	0.0000	1.192	0.2026	0.0179	7	-0.06	1%	0
129.05	Leucine, Pre-col AQC Der (%)	0676	1.215	0.0300	1.192	0.2026	0.0179	7	0.11	1%	0
129.05	Leucine, Pre-col AQC Der (%)	2196	1.235	0.0000	1.192	0.2026	0.0179	7	0.21	2%	0
129.05	Leucine, Pre-col AQC Der (%)	0148	1.245	0.0100	1.192	0.2026	0.0179	7	0.26	2%	0
129.05	Leucine, Pre-col AQC Der (%)	0626	5.130	0.0460	1.192	0.2026	0.0179	7	19.44	165%	0
129.99	Leucine, Miscellaneous (%)	2144	0.7950	0.0100				3			0
129.99	Leucine, Miscellaneous (%)	0227	1.250	0.0200				3			0
129.99	Leucine, Miscellaneous (%)	0889	1.350	0.0000				3			0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0682	0.5820	0.0000	0.6308	0.0331	0.0106	16	-1.47	4%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0353	0.5950	0.0100	0.6308	0.0331	0.0106	16	-1.08	3%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0675	0.5950	0.0100	0.6308	0.0331	0.0106	16	-1.08	3%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0652	0.6000	0.0000	0.6308	0.0331	0.0106	16	-0.93	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0354	0.6130	0.0060	0.6308	0.0331	0.0106	16	-0.54	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0918	0.6236	0.0038	0.6308	0.0331	0.0106	16	-0.22	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0644	0.6255	0.0090	0.6308	0.0331	0.0106	16	-0.16	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0571	0.6260	0.0140	0.6308	0.0331	0.0106	16	-0.14	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0684	0.6300	0.0200	0.6308	0.0331	0.0106	16	-0.02	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0941	0.6330	0.0180	0.6308	0.0331	0.0106	16	0.07	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0870	0.6497	0.0012	0.6308	0.0331	0.0106	16	0.57	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0859	0.6514	0.0117	0.6308	0.0331	0.0106	16	0.62	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0968	0.6550	0.0100	0.6308	0.0331	0.0106	16	0.73	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0619	0.6590	0.0100	0.6308	0.0331	0.0106	16	0.85	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0504	0.6750	0.0300	0.6308	0.0331	0.0106	16	1.34	4%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0226	0.6791	0.0160	0.6308	0.0331	0.0106	16	1.46	4%	0
130.02	L-Lysine, Post-col OPA Der (%)	0098	0.6585	0.0130				1			0
130.05	L-Lysine, Pre-col AQC Der (%)	0148	0.6050	0.0100	0.6785	0.0601	0.0050	6	-1.22	5%	0
130.05	L-Lysine, Pre-col AQC Der (%)	2196	0.6290	0.0000	0.6785	0.0601	0.0050	6	-0.82	4%	0
130.05	L-Lysine, Pre-col AQC Der (%)	2319	0.6800	0.0000	0.6785	0.0601	0.0050	6	0.02	0%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0676	0.6900	0.0200	0.6785	0.0601	0.0050	6	0.19	1%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0407	0.7320	0.0000	0.6785	0.0601	0.0050	6	0.89	4%	0
130.05	L-Lysine, Pre-col AQC Der (%)	2188	0.7350	0.0000	0.6785	0.0601	0.0050	6	0.94	4%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0626	5.122	0.0680	0.6785	0.0601	0.0050	6	73.94	327%	1
130.99	L-Lysine, Miscellaneous (%)	2144	0.4150	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			
130.99	L-Lysine, Miscellaneous (%)	0889	0.4600	0.0000				3			0
130.99	L-Lysine, Miscellaneous (%)	0227	0.7000	0.0200				3			0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0918	0.1500	0.0000	0.2270	0.0138	0.0065	16	-5.58	17%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0652	0.2100	0.0200	0.2270	0.0138	0.0065	16	-1.23	4%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0859	0.2107	0.0039	0.2270	0.0138	0.0065	16	-1.18	4%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0941	0.2140	0.0020	0.2270	0.0138	0.0065	16	-0.94	3%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0354	0.2235	0.0070	0.2270	0.0138	0.0065	16	-0.25	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0226	0.2239	0.0079	0.2270	0.0138	0.0065	16	-0.23	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0684	0.2250	0.0100	0.2270	0.0138	0.0065	16	-0.14	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0619	0.2255	0.0050	0.2270	0.0138	0.0065	16	-0.11	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0571	0.2265	0.0050	0.2270	0.0138	0.0065	16	-0.03	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0870	0.2303	0.0047	0.2270	0.0138	0.0065	16	0.24	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0504	0.2350	0.0100	0.2270	0.0138	0.0065	16	0.58	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0675	0.2350	0.0100	0.2270	0.0138	0.0065	16	0.58	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0682	0.2390	0.0000	0.2270	0.0138	0.0065	16	0.87	3%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0644	0.2395	0.0190	0.2270	0.0138	0.0065	16	0.91	3%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0968	0.2400	0.0000	0.2270	0.0138	0.0065	16	0.94	3%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0353	0.2700	0.0000	0.2270	0.0138	0.0065	16	3.12	9%	0
131.02	Methionine, PAO Post-col OPA Der (%)	0098	0.2225	0.0030				1			0
131.05	Methionine, PAO Pre-col AQC Der (%)	0407	0.1420	0.0255	0.2351	0.0891	0.0183	6	-1.05	20%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	0148	0.1950	0.0300	0.2351	0.0891	0.0183	6	-0.45	9%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	2188	0.2080	0.0000	0.2351	0.0891	0.0183	6	-0.30	6%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	2319	0.2200	0.0000	0.2351	0.0891	0.0183	6	-0.17	3%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	2196	0.2770	0.0000	0.2351	0.0891	0.0183	6	0.47	9%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	0626	2.291	0.0540	0.2351	0.0891	0.0183	6	23.07	437%	0
131.99	Methionine, Miscellaneous (%)	2144	0.1200	0.0000				3			0
131.99	Methionine, Miscellaneous (%)	0227	0.2200	0.0000				3			0
131.99	Methionine, Miscellaneous (%)	0889	0.2900	0.0000				3			0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0682	0.5230	0.0000	0.6508	0.0501	0.0142	16	-2.55	10%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0619	0.5865	0.0010	0.6508	0.0501	0.0142	16	-1.28	5%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0675	0.5950	0.0100	0.6508	0.0501	0.0142	16	-1.11	4%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0652	0.6200	0.0200	0.6508	0.0501	0.0142	16	-0.61	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0684	0.6250	0.0300	0.6508	0.0501	0.0142	16	-0.51	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0354	0.6435	0.0030	0.6508	0.0501	0.0142	16	-0.14	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0870	0.6438	0.0236	0.6508	0.0501	0.0142	16	-0.14	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0571	0.6440	0.0060	0.6508	0.0501	0.0142	16	-0.13	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0644	0.6475	0.0190	0.6508	0.0501	0.0142	16	-0.06	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0968	0.6550	0.0100	0.6508	0.0501	0.0142	16	0.08	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0504	0.6650	0.0100	0.6508	0.0501	0.0142	16	0.28	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0353	0.6850	0.0100	0.6508	0.0501	0.0142	16	0.68	3%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0941	0.6860	0.0340	0.6508	0.0501	0.0142	16	0.70	3%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0226	0.7059	0.0166	0.6508	0.0501	0.0142	16	1.10	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			
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0918	0.7084	0.0168	0.6508	0.0501	0.0142	16	1.15	4%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0859	0.7385	0.0166	0.6508	0.0501	0.0142	16	1.75	7%	0
132.02	Phenylalanine, Post-col OPA Der (%)	0098	0.6390	0.0040				1			0
132.05	Phenylalanine, Pre-col AQC Der (%)	0407	0.2390	0.0000	0.6426	0.1431	0.0117	7	-2.82	31%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	2188	0.5630	0.0000	0.6426	0.1431	0.0117	7	-0.56	6%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	2196	0.6400	0.0000	0.6426	0.1431	0.0117	7	-0.02	0%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	0148	0.6450	0.0300	0.6426	0.1431	0.0117	7	0.02	0%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	2319	0.6700	0.0000	0.6426	0.1431	0.0117	7	0.19	2%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	0676	0.6950	0.0100	0.6426	0.1431	0.0117	7	0.37	4%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	0626	2.760	0.0420	0.6426	0.1431	0.0117	7	14.80	165%	0
132.99	Phenylalanine, Miscellaneous (%)	2144	0.4050	0.0100				3			0
132.99	Phenylalanine, Miscellaneous (%)	0227	0.6550	0.0100				3			0
132.99	Phenylalanine, Miscellaneous (%)	0889	0.6750	0.0100				3			0
133.00	Proline, Post-col Ninhydrin Der (%)	0859	0.8513	0.0193	0.9426	0.0648	0.0175	16	-1.41	5%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0354	0.8535	0.0010	0.9426	0.0648	0.0175	16	-1.38	5%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0675	0.8800	0.0200	0.9426	0.0648	0.0175	16	-0.97	3%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0870	0.8865	0.0068	0.9426	0.0648	0.0175	16	-0.87	3%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0504	0.9300	0.0000	0.9426	0.0648	0.0175	16	-0.19	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0968	0.9300	0.0000	0.9426	0.0648	0.0175	16	-0.19	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0226	0.9306	0.0735	0.9426	0.0648	0.0175	16	-0.19	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0652	0.9450	0.0100	0.9426	0.0648	0.0175	16	0.04	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0684	0.9500	0.0000	0.9426	0.0648	0.0175	16	0.11	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0644	0.9505	0.0270	0.9426	0.0648	0.0175	16	0.12	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0571	0.9515	0.0170	0.9426	0.0648	0.0175	16	0.14	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0682	0.9540	0.0000	0.9426	0.0648	0.0175	16	0.18	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0941	0.9795	0.0210	0.9426	0.0648	0.0175	16	0.57	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0353	1.010	0.0000	0.9426	0.0648	0.0175	16	1.04	4%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0619	1.210	0.0800	0.9426	0.0648	0.0175	16	4.13	14%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0918	1.241	0.0042	0.9426	0.0648	0.0175	16	4.61	16%	0
133.05	Proline, Pre-col AQC Der (%)	2188	0.8230	0.0000	1.089	0.2790	0.0134	7	-0.95	12%	0
133.05	Proline, Pre-col AQC Der (%)	0148	0.9500	0.0200	1.089	0.2790	0.0134	7	-0.50	6%	0
133.05	Proline, Pre-col AQC Der (%)	2196	0.9840	0.0000	1.089	0.2790	0.0134	7	-0.38	5%	0
133.05	Proline, Pre-col AQC Der (%)	0676	0.9900	0.0200	1.089	0.2790	0.0134	7	-0.36	5%	0
133.05	Proline, Pre-col AQC Der (%)	2319	1.015	0.0100	1.089	0.2790	0.0134	7	-0.27	3%	0
133.05	Proline, Pre-col AQC Der (%)	0407	1.356	0.0260	1.089	0.2790	0.0134	7	0.96	12%	0
133.05	Proline, Pre-col AQC Der (%)	0626	2.960	0.0180	1.089	0.2790	0.0134	7	6.71	86%	0
133.99	Proline, Miscellaneous (%)	0889	0.7550	0.0300				3			0
133.99	Proline, Miscellaneous (%)	2144	0.7600	0.0000				3			0
133.99	Proline, Miscellaneous (%)	0227	0.9850	0.0100				3			0
134.00	Serine, Post-col Ninhydrin Der (%)	0675	0.5600	0.0200	0.6587	0.0435	0.0172	16	-2.27	7%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0504	0.5900	0.0400	0.6587	0.0435	0.0172	16	-1.58	5%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0684	0.6150	0.0500	0.6587	0.0435	0.0172	16	-1.01	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			
134.00	Serine, Post-col Ninhydrin Der (%)	0644	0.6355	0.0130	0.6587	0.0435	0.0172	16	-0.53	2%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0652	0.6450	0.0300	0.6587	0.0435	0.0172	16	-0.32	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0859	0.6484	0.0150	0.6587	0.0435	0.0172	16	-0.24	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0354	0.6555	0.0010	0.6587	0.0435	0.0172	16	-0.07	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0918	0.6590	0.0039	0.6587	0.0435	0.0172	16	0.00	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0571	0.6600	0.0240	0.6587	0.0435	0.0172	16	0.03	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0619	0.6640	0.0120	0.6587	0.0435	0.0172	16	0.12	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0353	0.6650	0.0100	0.6587	0.0435	0.0172	16	0.14	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0941	0.6695	0.0310	0.6587	0.0435	0.0172	16	0.25	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0968	0.6900	0.0000	0.6587	0.0435	0.0172	16	0.72	2%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0682	0.6980	0.0000	0.6587	0.0435	0.0172	16	0.90	3%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0870	0.7336	0.0074	0.6587	0.0435	0.0172	16	1.72	6%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0226	0.7548	0.0177	0.6587	0.0435	0.0172	16	2.21	7%	0
134.02	Serine, Post-col OPA Der (%)	0098	0.5475	0.0110				1			0
134.05	Serine, Pre-col AQC Der (%)	0676	0.6000	0.0200	0.6965	0.0847	0.0224	7	-1.14	7%	0
134.05	Serine, Pre-col AQC Der (%)	2196	0.6240	0.0000	0.6965	0.0847	0.0224	7	-0.86	5%	0
134.05	Serine, Pre-col AQC Der (%)	0148	0.6700	0.0400	0.6965	0.0847	0.0224	7	-0.31	2%	0
134.05	Serine, Pre-col AQC Der (%)	2188	0.7010	0.0000	0.6965	0.0847	0.0224	7	0.05	0%	0
134.05	Serine, Pre-col AQC Der (%)	0407	0.7270	0.0340	0.6965	0.0847	0.0224	7	0.36	2%	0
134.05	Serine, Pre-col AQC Der (%)	2319	0.7300	0.0200	0.6965	0.0847	0.0224	7	0.40	2%	0
134.05	Serine, Pre-col AQC Der (%)	0626	2.969	0.0430	0.6965	0.0847	0.0224	7	26.81	163%	0
134.99	Serine, Miscellaneous (%)	2144	0.4850	0.0100				3			0
134.99	Serine, Miscellaneous (%)	0889	0.6300	0.0000				3			0
134.99	Serine, Miscellaneous (%)	0227	0.6750	0.0100				3			0
135.00	Threonine, Post-col Ninhydrin Der (%)	0675	0.4600	0.0200	0.5236	0.0226	0.0107	16	-2.81	6%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0682	0.4930	0.0000	0.5236	0.0226	0.0107	16	-1.35	3%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0859	0.5042	0.0116	0.5236	0.0226	0.0107	16	-0.86	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0353	0.5050	0.0100	0.5236	0.0226	0.0107	16	-0.82	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0619	0.5125	0.0110	0.5236	0.0226	0.0107	16	-0.49	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0652	0.5150	0.0100	0.5236	0.0226	0.0107	16	-0.38	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0571	0.5195	0.0130	0.5236	0.0226	0.0107	16	-0.18	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0644	0.5235	0.0130	0.5236	0.0226	0.0107	16	0.00	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0941	0.5270	0.0160	0.5236	0.0226	0.0107	16	0.15	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0354	0.5280	0.0020	0.5236	0.0226	0.0107	16	0.19	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0504	0.5300	0.0200	0.5236	0.0226	0.0107	16	0.28	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0684	0.5300	0.0200	0.5236	0.0226	0.0107	16	0.28	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0870	0.5464	0.0077	0.5236	0.0226	0.0107	16	1.00	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0226	0.5498	0.0129	0.5236	0.0226	0.0107	16	1.16	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0968	0.5500	0.0000	0.5236	0.0226	0.0107	16	1.17	3%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0918	0.5543	0.0037	0.5236	0.0226	0.0107	16	1.35	3%	0
135.02	Threonine, Post-col OPA Der (%)	0098	0.5050	0.0000				1			0
135.05	Threonine, Pre-col AQC Der (%)	2188	0.4070	0.0000	0.5490	0.1055	0.0099	7	-1.35	13%	0

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135.05	Threonine, Pre-col AQC Der (%)	0148	0.5100	0.0200	0.5490	0.1055	0.0099	7	-0.37	4%	0
135.05	Threonine, Pre-col AQC Der (%)	0676	0.5150	0.0100	0.5490	0.1055	0.0099	7	-0.32	3%	0
135.05	Threonine, Pre-col AQC Der (%)	2196	0.5420	0.0000	0.5490	0.1055	0.0099	7	-0.07	1%	0
135.05	Threonine, Pre-col AQC Der (%)	2319	0.5500	0.0000	0.5490	0.1055	0.0099	7	0.01	0%	0
135.05	Threonine, Pre-col AQC Der (%)	0407	0.6120	0.0160	0.5490	0.1055	0.0099	7	0.60	6%	0
135.05	Threonine, Pre-col AQC Der (%)	0626	3.034	0.0230	0.5490	0.1055	0.0099	7	23.56	226%	0
135.99	Threonine, Miscellaneous (%)	2144	0.3800	0.0000				3			0
135.99	Threonine, Miscellaneous (%)	0889	0.4250	0.0100				3			0
135.99	Threonine, Miscellaneous (%)	0227	0.5400	0.0000				3			0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0684	0.1400	0.0000	0.1698	0.0345	0.0105	6	-0.87	9%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0870	0.1515	0.0229	0.1698	0.0345	0.0105	6	-0.53	5%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0941	0.1540	0.0020	0.1698	0.0345	0.0105	6	-0.46	5%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0619	0.1620	0.0080	0.1698	0.0345	0.0105	6	-0.23	2%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0227	0.1900	0.0000	0.1698	0.0345	0.0105	6	0.59	6%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0918	0.3350	0.0300	0.1698	0.0345	0.0105	6	4.79	49%	0
136.01	Tryptophan, Alka-Hydrol Rev Phase LC UV (%)	0644	0.1655	0.0010				1			0
136.02	Tryptophan, Alka-Hydrol Post-col OPA De (%)	0098	0.1590	0.0000				1			0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0571	0.1675	0.0030				3			0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0859	0.1678	0.0001				3			0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0353	0.1900	0.0000				3			0
136.05	Tryptophan, Pre-col AQC Der (%)	2319	0.1500	0.0000				2			0
136.05	Tryptophan, Pre-col AQC Der (%)	0407	0.1855	0.0230				2			0
136.99	Tryptophan, Miscellaneous (%)	0504	0.1400	0.0000				2			0
136.99	Tryptophan, Miscellaneous (%)	0889	0.3800	0.0000				2			0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0675	0.3400	0.0200	0.4356	0.0527	0.0067	12	-1.81	11%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0682	0.3800	0.0000	0.4356	0.0527	0.0067	12	-1.05	6%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0870	0.3891	0.0008	0.4356	0.0527	0.0067	12	-0.88	5%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0504	0.4000	0.0000	0.4356	0.0527	0.0067	12	-0.67	4%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0354	0.4170	0.0020	0.4356	0.0527	0.0067	12	-0.35	2%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0684	0.4350	0.0100	0.4356	0.0527	0.0067	12	-0.01	0%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0918	0.4582	0.0158	0.4356	0.0527	0.0067	12	0.43	3%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0644	0.4625	0.0010	0.4356	0.0527	0.0067	12	0.51	3%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0353	0.4700	0.0000	0.4356	0.0527	0.0067	12	0.65	4%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0968	0.4700	0.0000	0.4356	0.0527	0.0067	12	0.65	4%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0226	0.4851	0.0102	0.4356	0.0527	0.0067	12	0.94	6%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0941	0.5035	0.0210	0.4356	0.0527	0.0067	12	1.29	8%	0
137.02	Tyrosine, Post-col OPA Der (%)	0098	0.4105	0.0010				1			0
137.05	Tyrosine, Pre-col AQC Der (%)	2188	0.4090	0.0000	0.5198	0.0845	0.0093	6	-1.31	11%	0
137.05	Tyrosine, Pre-col AQC Der (%)	2319	0.4950	0.0100	0.5198	0.0845	0.0093	6	-0.29	2%	0
137.05	Tyrosine, Pre-col AQC Der (%)	0676	0.5050	0.0100	0.5198	0.0845	0.0093	6	-0.18	1%	0
137.05	Tyrosine, Pre-col AQC Der (%)	2196	0.5130	0.0000	0.5198	0.0845	0.0093	6	-0.08	1%	0
137.05	Tyrosine, Pre-col AQC Der (%)	0148	0.5650	0.0100	0.5198	0.0845	0.0093	6	0.53	4%	0

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137.05	Tyrosine, Pre-col AQC Der (%)	0407	0.6320	0.0260	0.5198	0.0845	0.0093	6	1.33	11%	0
137.05	Tyrosine, Pre-col AQC Der (%)	0626	2.231	0.0740	0.5198	0.0845	0.0093	6	20.24	165%	1
137.99	Tyrosine, Miscellaneous (%)	2144	0.3000	0.0000				3			0
137.99	Tyrosine, Miscellaneous (%)	0889	0.3800	0.0000				3			0
137.99	Tyrosine, Miscellaneous (%)	0227	0.4100	0.0000				3			0
138.00	Valine, Post-col Ninhydrin Der (%)	0226	0.5774	0.0249	0.6553	0.0395	0.0120	16	-1.98	6%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0682	0.6130	0.0000	0.6553	0.0395	0.0120	16	-1.07	3%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0675	0.6150	0.0300	0.6553	0.0395	0.0120	16	-1.02	3%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0941	0.6220	0.0020	0.6553	0.0395	0.0120	16	-0.84	3%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0652	0.6350	0.0100	0.6553	0.0395	0.0120	16	-0.52	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0870	0.6351	0.0113	0.6553	0.0395	0.0120	16	-0.51	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0353	0.6400	0.0000	0.6553	0.0395	0.0120	16	-0.39	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0354	0.6545	0.0110	0.6553	0.0395	0.0120	16	-0.02	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0918	0.6557	0.0067	0.6553	0.0395	0.0120	16	0.01	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0684	0.6700	0.0200	0.6553	0.0395	0.0120	16	0.37	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0571	0.6715	0.0050	0.6553	0.0395	0.0120	16	0.41	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0968	0.6800	0.0000	0.6553	0.0395	0.0120	16	0.63	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0504	0.6900	0.0400	0.6553	0.0395	0.0120	16	0.88	3%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0619	0.6940	0.0100	0.6553	0.0395	0.0120	16	0.98	3%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0644	0.7045	0.0090	0.6553	0.0395	0.0120	16	1.25	4%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0859	0.7089	0.0126	0.6553	0.0395	0.0120	16	1.36	4%	0
138.02	Valine, Post-col OPA Der (%)	0098	0.6855	0.0070				1			0
138.05	Valine, Pre-col AQC Der (%)	2188	0.3740	0.0000	0.7411	0.2986	0.0111	7	-1.23	25%	0
138.05	Valine, Pre-col AQC Der (%)	2319	0.6150	0.0100	0.7411	0.2986	0.0111	7	-0.42	9%	0
138.05	Valine, Pre-col AQC Der (%)	2196	0.6340	0.0000	0.7411	0.2986	0.0111	7	-0.36	7%	0
138.05	Valine, Pre-col AQC Der (%)	0148	0.7050	0.0100	0.7411	0.2986	0.0111	7	-0.12	2%	0
138.05	Valine, Pre-col AQC Der (%)	0676	0.7050	0.0100	0.7411	0.2986	0.0111	7	-0.12	2%	0
138.05	Valine, Pre-col AQC Der (%)	0407	0.9660	0.0380	0.7411	0.2986	0.0111	7	0.75	15%	0
138.05	Valine, Pre-col AQC Der (%)	0626	3.401	0.0100	0.7411	0.2986	0.0111	7	8.91	179%	0
138.99	Valine, Miscellaneous (%)	2144	0.5000	0.0000				3			0
138.99	Valine, Miscellaneous (%)	0889	0.6350	0.0000				3			0
138.99	Valine, Miscellaneous (%)	0227	0.7000	0.0000				3			0
139.00	Taurine, Post-col Ninhydrin Der (%)	0504	0.0200	0.0000				3			0
139.00	Taurine, Post-col Ninhydrin Der (%)	0682	0.0840	0.0000				3			0
139.00	Taurine, Post-col Ninhydrin Der (%)	0941	0.1615	0.0130				3			0
139.02	Taurine, Post-col OPA Der (%)	0098	< 0.01					0			5
139.05	Taurine, Pre-col AQC Der (%)	0407	0.0010	0.0000				1			0
139.99	Taurine, Miscellaneous (%)	0227	< 0.01					0			5
150.00	Phytase, Colorimetric (Units / kg)	0619	28.45	23.10				2			0
150.00	Phytase, Colorimetric (Units / kg)	0218	54.00	2.000				2			0
160.10	Fructose, HPAEC PAD (%)	0297	0.2705	0.0430				1			0
160.99	Fructose, Miscellaneous (%)	0619	0.3095	0.0190				2			0

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160.99	Fructose, Miscellaneous (%)	0227	0.3350	0.0700				2		0	
161.10	Galactose, HPAEC PAD (%)	0297	0.0000	0.0000				0		4	
162.10	Glucose, HPAEC PAD (%)	0297	0.1805	0.0710				1		0	
162.99	Glucose, Miscellaneous (%)	0619	0.1700	0.0120				1		0	
162.99	Glucose, Miscellaneous (%)	0227	< 0.15					1		5	
163.10	Lactose, HPAEC PAD (%)	0297	0.0000	0.0000				0		4	
163.99	Lactose, Miscellaneous (%)	0619	0.0000	0.0000				0		4	
163.99	Lactose, Miscellaneous (%)	0227	< 0.15					0		5	
164.10	Maltose, HPAEC PAD (%)	0297	0.2280	0.0380				1		0	
164.99	Maltose, Miscellaneous (%)	0227	< 0.15					0		5	
165.10	Sucrose, HPAEC PAD (%)	0297	2.945	0.2820				1		0	
165.99	Sucrose, Miscellaneous (%)	0227	3.035	0.0500				2		0	
165.99	Sucrose, Miscellaneous (%)	0619	3.615	0.0300				2		0	
166.10	Raffinose, HPAEC PAD (%)	0297	0.5525	0.0170				1		0	
166.99	Raffinose, Miscellaneous (%)	0619	0.4730	0.0300				2		0	
166.99	Raffinose, Miscellaneous (%)	0227	0.4800	0.0200				2		0	
167.10	Stachyose, HPAEC PAD (%)	0297	0.5855	0.0510				1		0	
167.99	Stachyose, Miscellaneous (%)	0227	0.4750	0.0100				2		0	
167.99	Stachyose, Miscellaneous (%)	0619	0.5110	0.0040				2		0	
351.00	Chlortetracycline, Plate (ppm)	0218	< 2					0		5	
351.05	Chlortetracycline, LC-MS/MS (ppm)	0939	0.5787	0.0692				2		0	
351.05	Chlortetracycline, LC-MS/MS (ppm)	0148	0.8525	0.1690				2		0	
351.05	Chlortetracycline, LC-MS/MS (ppm)	0884	< 0.1					2		5	
354.01	Decoquinat, LC (UV or FL) (ppm)	0038	0.5310	0.0140				2		0	
354.01	Decoquinat, LC (UV or FL) (ppm)	0218	0.7000	0.0000				2		0	
354.04	Decoquinat, LC-MS/MS (ppm)	0875	0.1550	0.0100				3		0	
354.04	Decoquinat, LC-MS/MS (ppm)	2113	0.4850	0.0300				3		0	
354.04	Decoquinat, LC-MS/MS (ppm)	0610	0.5750	0.0300				3		0	
361.02	Lasalocid Sodium, LC (ppm)	0027	0.5870	0.0280				1		0	
361.03	Lasalocid Sodium, LC (UV or FL) (ppm)	0038	0.8050	0.0240				1		0	
361.05	Lasalocid Sodium, LC-MS/MS (ppm)	0619	0.3110	0.0460	0.7523	0.4404	0.1043	6	-1.00	29%	0
361.05	Lasalocid Sodium, LC-MS/MS (ppm)	2113	0.4400	0.1200	0.7523	0.4404	0.1043	6	-0.71	21%	0
361.05	Lasalocid Sodium, LC-MS/MS (ppm)	0610	0.6650	0.0100	0.7523	0.4404	0.1043	6	-0.20	6%	0
361.05	Lasalocid Sodium, LC-MS/MS (ppm)	0875	0.8150	0.0700	0.7523	0.4404	0.1043	6	0.14	4%	0
361.05	Lasalocid Sodium, LC-MS/MS (ppm)	0553	0.8700	0.2200	0.7523	0.4404	0.1043	6	0.27	8%	0
361.05	Lasalocid Sodium, LC-MS/MS (ppm)	0148	2.200	0.1600	0.7523	0.4404	0.1043	6	3.29	96%	0
365.00	Monensin, Plate (ppm)	0027	20.26	0.1000				1		0	
365.02	Monensin, LC (ppm)	0047	13.20	1.000	14.91	1.442	0.6250	4		0	
365.02	Monensin, LC (ppm)	0610	14.25	0.1000	14.91	1.442	0.6250	4		0	
365.02	Monensin, LC (ppm)	2192	15.95	0.1000	14.91	1.442	0.6250	4		0	
365.02	Monensin, LC (ppm)	0668	16.25	1.300	14.91	1.442	0.6250	4		0	
365.03	Monensin, LC-PCD (ppm)	0035	15.62	0.6300	16.71	0.6510	0.9720	5		0	

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365.03	Monensin, LC-PCD (ppm)	0148	16.78	0.7700	16.71	0.6510	0.9720	5		0	
365.03	Monensin, LC-PCD (ppm)	0036	16.85	0.1000	16.71	0.6510	0.9720	5		0	
365.03	Monensin, LC-PCD (ppm)	0032	16.96	0.6600	16.71	0.6510	0.9720	5		0	
365.03	Monensin, LC-PCD (ppm)	0010	17.35	2.700	16.71	0.6510	0.9720	5		0	
365.04	Monensin, LC-MS (ppm)	0033	15.45	0.1000				2		0	
365.04	Monensin, LC-MS (ppm)	0013	17.60	1.600				2		0	
365.05	Monensin, LC-MS/MS (ppm)	0038	14.35	0.1000	17.87	2.731	1.410	12	-1.29	10%	0
365.05	Monensin, LC-MS/MS (ppm)	0553	14.64	0.1500	17.87	2.731	1.410	12	-1.19	9%	0
365.05	Monensin, LC-MS/MS (ppm)	0028	16.10	0.4000	17.87	2.731	1.410	12	-0.65	5%	0
365.05	Monensin, LC-MS/MS (ppm)	0016	16.55	0.1000	17.87	2.731	1.410	12	-0.48	4%	0
365.05	Monensin, LC-MS/MS (ppm)	0610	16.80	0.4000	17.87	2.731	1.410	12	-0.39	3%	0
365.05	Monensin, LC-MS/MS (ppm)	0001	17.44	3.270	17.87	2.731	1.410	12	-0.16	1%	0
365.05	Monensin, LC-MS/MS (ppm)	0148	17.71	0.9000	17.87	2.731	1.410	12	-0.06	0%	0
365.05	Monensin, LC-MS/MS (ppm)	2113	18.50	3.000	17.87	2.731	1.410	12	0.23	2%	0
365.05	Monensin, LC-MS/MS (ppm)	0619	19.10	4.200	17.87	2.731	1.410	12	0.45	3%	0
365.05	Monensin, LC-MS/MS (ppm)	0860	20.16	0.0000	17.87	2.731	1.410	12	0.84	6%	0
365.05	Monensin, LC-MS/MS (ppm)	0884	21.15	3.500	17.87	2.731	1.410	12	1.20	9%	0
365.05	Monensin, LC-MS/MS (ppm)	0875	26.45	0.9000	17.87	2.731	1.410	12	3.14	24%	0
365.99	Monensin, Miscellaneous (ppm)	0512	16.67	0.0300				2		0	
365.99	Monensin, Miscellaneous (ppm)	0668	16.80	0.2000				2		0	
379.05	Salinomycin, LC-MS/MS (ppm)	2113	< 0.25					0		5	
382.02	Sulfamethazine, LC-PCD (ppm)	0218	1.000	0.0000				1		0	
382.04	Sulfamethazine, LC-MS/MS (ppm)	0148	0.9565	0.1470				2		0	
382.04	Sulfamethazine, LC-MS/MS (ppm)	0038	1.026	0.3280				2		0	
391.03	Narasin, LC-MS/MS (ppm)	0619	0.0000	0.0000				0		4	
391.03	Narasin, LC-MS/MS (ppm)	2113	< 0.25					0		5	
400.01	Water Activity, Aqualab chilled mirror (Units)	2268	0.4485	0.0030	0.5351	0.0170	0.0041	11	-5.10	8%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	0843	0.5163	0.0036	0.5351	0.0170	0.0041	11	-1.10	2%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	2174	0.5225	0.0090	0.5351	0.0170	0.0041	11	-0.74	1%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	0942	0.5275	0.0010	0.5351	0.0170	0.0041	11	-0.45	1%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	2168	0.5320	0.0040	0.5351	0.0170	0.0041	11	-0.18	0%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	0407	0.5394	0.0000	0.5351	0.0170	0.0041	11	0.26	0%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	0589	0.5425	0.0030	0.5351	0.0170	0.0041	11	0.44	1%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	2303	0.5449	0.0099	0.5351	0.0170	0.0041	11	0.58	1%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	2193	0.5450	0.0100	0.5351	0.0170	0.0041	11	0.59	1%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	0941	0.5455	0.0010	0.5351	0.0170	0.0041	11	0.61	1%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	2181	0.5732	0.0001	0.5351	0.0170	0.0041	11	2.24	4%	0
400.99	Water Activity, Miscellaneous (Units)	0843	0.5100	0.0080				2		0	
400.99	Water Activity, Miscellaneous (Units)	2073	0.5385	0.0010				2		0	
516.00	Arsenic, Total, AA, Hydride (ppm)	0171	0.1265	0.0090				2		0	
516.00	Arsenic, Total, AA, Hydride (ppm)	0045	0.1390	0.0060				2		0	
516.43	Arsenic, Total, ICP, Microwave (ppm)	0407	0.1340	0.0100				1		0	

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516.43	Arsenic, Total, ICP, Microwave (ppm)	0682	< 10					1		5	
516.52	Arsenic, Total, ICP-MS, Open vessel (ppm)	0186	0.1195	0.0090				2		0	
516.52	Arsenic, Total, ICP-MS, Open vessel (ppm)	0096	0.1387	0.0125				2		0	
516.53	Arsenic, Total, ICP-MS, Microwave (ppm)	0553	0.1240	0.0100	0.1328	0.0069	0.0069	4		0	
516.53	Arsenic, Total, ICP-MS, Microwave (ppm)	0407	0.1319	0.0065	0.1328	0.0069	0.0069	4		0	
516.53	Arsenic, Total, ICP-MS, Microwave (ppm)	0199	0.1350	0.0100	0.1328	0.0069	0.0069	4		0	
516.53	Arsenic, Total, ICP-MS, Microwave (ppm)	0227	0.1405	0.0010	0.1328	0.0069	0.0069	4		0	
516.53	Arsenic, Total, ICP-MS, Microwave (ppm)	0918	0.2169	0.0326	0.1328	0.0069	0.0069	4		2	
518.41	Cadmium, ICP, Dry ash (ppm)	0171	0.0685	0.0010				2		0	
518.41	Cadmium, ICP, Dry ash (ppm)	0407	0.0828	0.0125				2		0	
518.43	Cadmium, ICP, Microwave (ppm)	0407	0.0792	0.0049				2		0	
518.43	Cadmium, ICP, Microwave (ppm)	0682	0.2000	0.0000				2		0	
518.52	Cadmium, ICP-MS, Open vessel (ppm)	0186	0.0830	0.0040				2		0	
518.52	Cadmium, ICP-MS, Open vessel (ppm)	0096	0.0833	0.0110				2		0	
518.53	Cadmium, ICP-MS, Microwave (ppm)	0199	0.0800	0.0000	0.0875	0.0051	0.0009	4		0	
518.53	Cadmium, ICP-MS, Microwave (ppm)	0553	0.0886	0.0010	0.0875	0.0051	0.0009	4		0	
518.53	Cadmium, ICP-MS, Microwave (ppm)	0918	0.0900	0.0011	0.0875	0.0051	0.0009	4		0	
518.53	Cadmium, ICP-MS, Microwave (ppm)	0407	0.0913	0.0014	0.0875	0.0051	0.0009	4		0	
518.53	Cadmium, ICP-MS, Microwave (ppm)	0227	0.0825	0.0090	0.0875	0.0051	0.0009	4		1	
520.41	Chromium, ICP, Dry ash (ppm)	0171	1.413	0.0180				3		0	
520.41	Chromium, ICP, Dry ash (ppm)	0619	1.985	0.0500				3		0	
520.41	Chromium, ICP, Dry ash (ppm)	0407	2.203	0.1519				3		0	
520.42	Chromium, ICP, Open vessel (ppm)	0096	2.946	0.3084				3		0	
520.42	Chromium, ICP, Open vessel (ppm)	0693	3.079	0.1910				3		0	
520.42	Chromium, ICP, Open vessel (ppm)	0045	3.670	0.3600				3		0	
520.43	Chromium, ICP, Microwave (ppm)	0407	2.202	0.1396				3		0	
520.43	Chromium, ICP, Microwave (ppm)	0510	3.790	0.0400				3		0	
520.43	Chromium, ICP, Microwave (ppm)	0682	4.100	0.0000				3		0	
520.52	Chromium, ICP-MS, Open vessel (ppm)	0186	1.670	0.0200				2		0	
520.52	Chromium, ICP-MS, Open vessel (ppm)	0096	3.030	0.5165				2		0	
520.53	Chromium, ICP-MS, Microwave (ppm)	0199	1.805	0.0100	2.734	0.6700	0.2470	5		0	
520.53	Chromium, ICP-MS, Microwave (ppm)	0918	2.254	0.0591	2.734	0.6700	0.2470	5		0	
520.53	Chromium, ICP-MS, Microwave (ppm)	0164	3.045	0.1100	2.734	0.6700	0.2470	5		0	
520.53	Chromium, ICP-MS, Microwave (ppm)	0407	3.246	0.6159	2.734	0.6700	0.2470	5		0	
520.53	Chromium, ICP-MS, Microwave (ppm)	0553	3.320	0.4400	2.734	0.6700	0.2470	5		0	
526.41	Lead, ICP, Dry ash (ppm)	0407	0.0552	0.0087				2		0	
526.41	Lead, ICP, Dry ash (ppm)	0171	0.0870	0.0080				2		0	
526.43	Lead, ICP, Microwave (ppm)	0407	0.1902	0.0546				1		0	
526.43	Lead, ICP, Microwave (ppm)	0682	< 3					1		5	
526.52	Lead, ICP-MS, Open vessel (ppm)	0096	0.0746	0.0160				2		0	
526.52	Lead, ICP-MS, Open vessel (ppm)	0186	0.1075	0.0130				2		0	
526.53	Lead, ICP-MS, Microwave (ppm)	0939	0.0700	0.0200	0.0952	0.0237	0.0134	7	-1.06	13%	0

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526.53	Lead, ICP-MS, Microwave (ppm)	0227	0.0795	0.0090	0.0952	0.0237	0.0134	7	-0.66	8%	0
526.53	Lead, ICP-MS, Microwave (ppm)	0553	0.0798	0.0094	0.0952	0.0237	0.0134	7	-0.65	8%	0
526.53	Lead, ICP-MS, Microwave (ppm)	0407	0.0978	0.0176	0.0952	0.0237	0.0134	7	0.11	1%	0
526.53	Lead, ICP-MS, Microwave (ppm)	0918	0.0985	0.0181	0.0952	0.0237	0.0134	7	0.14	2%	0
526.53	Lead, ICP-MS, Microwave (ppm)	0199	0.1100	0.0200	0.0952	0.0237	0.0134	7	0.63	8%	0
526.53	Lead, ICP-MS, Microwave (ppm)	0610	0.2000	0.0000	0.0952	0.0237	0.0134	7	4.43	55%	0
529.99	Mercury, Miscellaneous (ppb)	0407	0.5175	0.0044				2			0
529.99	Mercury, Miscellaneous (ppb)	0199	1.000	0.0000				2			0
529.99	Mercury, Miscellaneous (ppb)	0227	< 10					2			5
529.99	Mercury, Miscellaneous (ppb)	0682	< 10000					2			5
539.41	Nickel, ICP, Dry ash (ppm)	0171	1.539	0.0840				2			0
539.41	Nickel, ICP, Dry ash (ppm)	0407	1.730	0.0606				2			0
539.43	Nickel, ICP, Microwave (ppm)	0407	1.368	0.0523				2			0
539.43	Nickel, ICP, Microwave (ppm)	0682	2.030	0.0000				2			0
539.52	Nickel, ICP-MS, Open vessel (ppm)	0186	1.455	0.1100				2			0
539.52	Nickel, ICP-MS, Open vessel (ppm)	0096	2.236	0.2598				2			0
539.53	Nickel, ICP-MS, Microwave (ppm)	0918	1.909	0.0062				3			0
539.53	Nickel, ICP-MS, Microwave (ppm)	0407	2.094	0.2481				3			0
539.53	Nickel, ICP-MS, Microwave (ppm)	0553	2.275	0.1500				3			0
702.00	Butyric Acid (4:0), Miscellaneous GC (%)	0619	0.0000	0.0000				0			4
702.00	Butyric Acid (4:0), Miscellaneous GC (%)	0164	< 0.02					0			5
704.00	Caproic Acid (6:0) , Miscellaneous GC (%)	0619	0.0010	0.0000				1			0
704.00	Caproic Acid (6:0) , Miscellaneous GC (%)	0164	< 0.02					1			5
706.01	Caprylic acid (8:0), Direct Methylation by Alkali Hydrolysis	0619	0.0000	0.0000				0			4
706.99	Caprylic acid (8:0), Miscellaneous (% (w/w))	0164	< 0.02					0			5
708.01	Capric acid (10:0), Direct Methylation by Alkali Hydrolysis	0619	0.0000	0.0000				0			4
708.99	Capric acid (10:0), Miscellaneous (% (w/w))	0164	< 0.02					0			5
710.01	Lauric Acid (12:0), Direct Methylation by Alkali Hydrolysis	0619	0.0020	0.0000				1			0
710.99	Lauric Acid (12:0), Miscellaneous (% (w/w))	0226	< 0.005					0			5
710.99	Lauric Acid (12:0), Miscellaneous (% (w/w))	0676	< 0.01					0			5
710.99	Lauric Acid (12:0), Miscellaneous (% (w/w))	0164	< 0.02					0			5
714.01	Myristic Acid (14:0) , Direct Methylation by Alkali Hydrolysi	0619	0.0360	0.0000				1			0
714.99	Myristic Acid (14:0) , Miscellaneous (% (w/w))	0226	< 0.005					0			5
714.99	Myristic Acid (14:0) , Miscellaneous (% (w/w))	0164	< 0.02					0			5
716.01	Palmitic Acid (16:0), Direct Methylation by Alkali Hydrolysi:	0619	0.4895	0.0390				1			0
716.99	Palmitic Acid (16:0), Miscellaneous (% (w/w))	0226	0.5249	0.0104				2			0
716.99	Palmitic Acid (16:0), Miscellaneous (% (w/w))	0164	0.6000	0.0800				2			0
718.01	Palmitoleic Acid (9c-16:1) , Direct Methylation by Alkali Hyc	0619	0.0230	0.0000				1			0
718.99	Palmitoleic Acid (9c-16:1), Miscellaneous (% (w/w))	0226	0.0095	0.0012				2			0
718.99	Palmitoleic Acid (9c-16:1), Miscellaneous (% (w/w))	0676	0.0100	0.0000				2			0
718.99	Palmitoleic Acid (9c-16:1), Miscellaneous (% (w/w))	0164	< 0.02					2			5
720.99	Margaric acid (17:0), Miscellaneous (% (w/w))	0164	< 0.02					0			5

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722.01	Stearic Acid (18:0), Direct Methylation by Alkali Hydrolysis	0619	0.0490	0.0020				1		0	
722.99	Stearic Acid (18:0), Miscellaneous (% (w/w))	0226	0.0683	0.0012				2		0	
722.99	Stearic Acid (18:0), Miscellaneous (% (w/w))	0164	0.0800	0.0000				2		0	
724.01	Oleic Acid (9c-18:1), Direct Methylation by Alkali Hydrolysis	0619	0.8100	0.0960				1		0	
724.99	Oleic Acid (9c-18:1), Miscellaneous (% (w/w))	0164	0.8700	0.0200				2		0	
724.99	Oleic Acid (9c-18:1), Miscellaneous (% (w/w))	0226	0.8839	0.0045				2		0	
726.01	Linoleic Acid (9c,12c-18:2), Direct Methylation by Alkali Hydrolysis	0619	1.845	0.1900				1		0	
726.99	Linoleic Acid (9c,12c-18:2), Miscellaneous (% (w/w))	0164	1.870	0.0400				3		0	
726.99	Linoleic Acid (9c,12c-18:2), Miscellaneous (% (w/w))	0226	1.912	0.0031				3		0	
726.99	Linoleic Acid (9c,12c-18:2), Miscellaneous (% (w/w))	0676	2.075	0.0100				3		0	
728.01	alpha-Linolenic Acid (9c,12c,15c-18:3), Direct Methylation	0619	0.0800	0.0040				1		0	
728.99	alpha-Linolenic Acid (9c,12c,15c-18:3), Miscellaneous (% (w/w))	0226	0.0973	0.0023				3		0	
728.99	alpha-Linolenic Acid (9c,12c,15c-18:3), Miscellaneous (% (w/w))	0164	0.1000	0.0000				3		0	
728.99	alpha-Linolenic Acid (9c,12c,15c-18:3), Miscellaneous (% (w/w))	0676	0.1100	0.0000				3		0	
730.01	Arachidic Acid (20:0), Direct Methylation by Alkali Hydrolysis	0619	0.0445	0.0010				1		0	
730.99	Arachidic Acid (20:0), Miscellaneous (% (w/w))	0226	0.0117	0.0002				1		0	
730.99	Arachidic Acid (20:0), Miscellaneous (% (w/w))	0164	< 0.02					1		5	
732.01	Gondoic Acid (11c-20:1), Direct Methylation by Alkali Hydrolysis	0619	0.0380	0.0000				1		0	
732.99	Gondoic Acid (11c-20:1), Miscellaneous (% (w/w))	0226	0.0119	0.0002				1		0	
732.99	Gondoic Acid (11c-20:1), Miscellaneous (% (w/w))	0164	< 0.02					1		5	
736.01	Arachidonic Acid (5c,8c,11c,14c-20:4), Direct Methylation	0619	0.0000	0.0000				0		4	
736.99	Arachidonic Acid (5c,8c,11c,14c-20:4), Miscellaneous (% (w/w))	0676	0.0000	0.0000				0		4	
736.99	Arachidonic Acid (5c,8c,11c,14c-20:4), Miscellaneous (% (w/w))	0164	< 0.02					0		5	
738.01	Mead Acid (11c,14c,17c-20:3), Direct Methylation by Alkali Hydrolysis	0619	0.0000	0.0000				0		4	
740.01	Eicosapentaenoic Acid EPA (5c,8c,11c,14c,17c-20:5), Direct Methylation	0619	0.0000	0.0000				0		4	
740.99	Eicosapentaenoic Acid EPA (5c,8c,11c,14c,17c-20:5), Miscellaneous (% (w/w))	0226	0.0000	0.0000				0		4	
740.99	Eicosapentaenoic Acid EPA (5c,8c,11c,14c,17c-20:5), Miscellaneous (% (w/w))	0676	0.0000	0.0000				0		4	
740.99	Eicosapentaenoic Acid EPA (5c,8c,11c,14c,17c-20:5), Miscellaneous (% (w/w))	0164	< 0.02					0		5	
742.99	Behenic Acid (22:0), Miscellaneous (% (w/w))	0226	0.0070	0.0003				1		0	
742.99	Behenic Acid (22:0), Miscellaneous (% (w/w))	0164	< 0.02					1		5	
744.01	Erucic Acid (13c-22:1), Direct Methylation by Alkali Hydrolysis	0619	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	
746.01	Docosapentaenoic Acid n-3 DPA (7c,10c,13c,16c,19c-22:5), Direct Methylation	0619	0.0000	0.0000				0		4	
746.99	Docosapentaenoic Acid n-3 DPA (7c,10c,13c,16c,19c-22:5), Miscellaneous (% (w/w))	0676	0.0000	0.0000				0		4	
746.99	Docosapentaenoic Acid n-3 DPA (7c,10c,13c,16c,19c-22:5), Miscellaneous (% (w/w))	0226	< 0.005					0		5	
746.99	Docosapentaenoic Acid n-3 DPA (7c,10c,13c,16c,19c-22:5), Miscellaneous (% (w/w))	0164	< 0.02					0		5	
748.99	Lignoceric Acid (24:0), Miscellaneous (% (w/w))	0226	0.0095	0.0002				1		0	
748.99	Lignoceric Acid (24:0), Miscellaneous (% (w/w))	0164	< 0.02					1		5	
750.01	Docosahexaenoic Acid DHA (4c,7c,10c,13c,16c,19c-22:6), Direct Methylation	0619	0.0000	0.0000				0		4	
750.99	Docosahexaenoic Acid DHA (4c,7c,10c,13c,16c,19c-22:6), Miscellaneous (% (w/w))	0226	0.0000	0.0000				0		4	
750.99	Docosahexaenoic Acid DHA (4c,7c,10c,13c,16c,19c-22:6), Miscellaneous (% (w/w))	0676	0.0000	0.0000				0		4	

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			
750.99	Docosahexaenoic Acid DHA (4c,7c,10c,13c,16c,19c-22:6)	0164	< 0.02						0		5
752.01	Nervonic Acid (24:1) isomers, Direct Methylation by Alkali	0619	0.0000	0.0000					0		4
752.99	Nervonic Acid (24:1) isomers, Miscellaneous (% (w/w))	0226	< 0.005						0		5
752.99	Nervonic Acid (24:1) isomers, Miscellaneous (% (w/w))	0164	< 0.02						0		5
754.99	Total n-3 Polyunsaturated (Omega-3) Fatty Acids, Miscellaneous	0941	0.0910	0.0040					3		0
754.99	Total n-3 Polyunsaturated (Omega-3) Fatty Acids, Miscellaneous	0164	0.1100	0.0000					3		0
754.99	Total n-3 Polyunsaturated (Omega-3) Fatty Acids, Miscellaneous	0676	0.1100	0.0000					3		0
756.99	Total n-6 Polyunsaturated (Omega-6) Fatty Acids, Miscellaneous	0164	1.880	0.0400					3		0
756.99	Total n-6 Polyunsaturated (Omega-6) Fatty Acids, Miscellaneous	0676	2.075	0.0100					3		0
756.99	Total n-6 Polyunsaturated (Omega-6) Fatty Acids, Miscellaneous	0941	2.122	0.0210					3		0
758.99	Total Saturated Fatty Acids, Miscellaneous (% (w/w))	0164	0.7250	0.0900					1		0
764.99	Total cis Monounsaturated Fatty Acids, Miscellaneous (% (w/w))	0164	0.9500	0.0200					1		0
768.99	Total cis Polyunsaturated Fatty Acids, Miscellaneous (% (w/w))	0164	1.985	0.0300					1		0
770.99	Total Fat (equivalent to NLEA), Miscellaneous (% (w/w))	0164	3.850	0.1600					1		0
772.99	Total Fatty Acids, Miscellaneous (% (w/w))	0226	3.535	0.0129					2		0
772.99	Total Fatty Acids, Miscellaneous (% (w/w))	0164	3.685	0.1500					2		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.