



AAFCO
Association of American Feed Control Officials



Animal Feed Scheme

Swine Feed, Medicated

Test Material Code # 202226

Labs Reporting: 169

Methods Reported 360

Issue Date : 07/31/2022

Method Proficiency Testing Report

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
000.02	Urea, As protein, Colorimetric (%)	0278	0.4000	0.0000				1			0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0407	11.05	0.0356	11.84	0.4692	0.0951	5			0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0504	11.89	0.2300	11.84	0.4692	0.0951	5			0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0169	11.96	0.0300	11.84	0.4692	0.0951	5			0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0309	12.04	0.0300	11.84	0.4692	0.0951	5			0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	2073	12.30	0.1500	11.84	0.4692	0.0951	5			0
001.03	Loss on Drying, Low temp. methods (%)	0843	12.48	0.0600				1			0
001.05	Loss on Drying, LECO (%)	0644	11.94	0.0110				1			0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0853	9.300	0.2000	11.78	0.3748	0.2094	43	-6.61	11%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0345	10.58	0.0500	11.78	0.3748	0.2094	43	-3.21	5%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0049	11.00	1.740	11.78	0.3748	0.2094	43	-2.07	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0278	11.13	0.1200	11.78	0.3748	0.2094	43	-1.73	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0885	11.16	0.0706	11.78	0.3748	0.2094	43	-1.66	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0596	11.33	0.0600	11.78	0.3748	0.2094	43	-1.19	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2144	11.44	0.0230	11.78	0.3748	0.2094	43	-0.91	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2345	11.50	0.2400	11.78	0.3748	0.2094	43	-0.74	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0643	11.52	0.0300	11.78	0.3748	0.2094	43	-0.70	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0675	11.54	0.1200	11.78	0.3748	0.2094	43	-0.63	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0353	11.56	0.4200	11.78	0.3748	0.2094	43	-0.58	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0226	11.61	0.1000	11.78	0.3748	0.2094	43	-0.45	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2109	11.61	0.1000	11.78	0.3748	0.2094	43	-0.45	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0083	11.63	0.2000	11.78	0.3748	0.2094	43	-0.39	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2190	11.64	0.3700	11.78	0.3748	0.2094	43	-0.38	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0590	11.65	0.1000	11.78	0.3748	0.2094	43	-0.34	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0142	11.66	0.0200	11.78	0.3748	0.2094	43	-0.31	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0034	11.70	0.3100	11.78	0.3748	0.2094	43	-0.22	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0010	11.70	0.0000	11.78	0.3748	0.2094	43	-0.21	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0038	11.70	0.4000	11.78	0.3748	0.2094	43	-0.21	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0650	11.70	0.4000	11.78	0.3748	0.2094	43	-0.21	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0682	11.72	0.0000	11.78	0.3748	0.2094	43	-0.15	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0066	11.74	0.2600	11.78	0.3748	0.2094	43	-0.10	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0027	11.74	0.0180	11.78	0.3748	0.2094	43	-0.09	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2009	11.86	0.0143	11.78	0.3748	0.2094	43	0.21	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			
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0148	11.87	0.1700	11.78	0.3748	0.2094	43	0.23	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2059	11.87	0.0100	11.78	0.3748	0.2094	43	0.23	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0505	11.93	0.0800	11.78	0.3748	0.2094	43	0.41	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2192	11.98	0.0200	11.78	0.3748	0.2094	43	0.54	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0035	11.99	0.0300	11.78	0.3748	0.2094	43	0.55	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2259	12.01	0.0190	11.78	0.3748	0.2094	43	0.62	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0876	12.05	0.3000	11.78	0.3748	0.2094	43	0.73	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0571	12.06	0.1900	11.78	0.3748	0.2094	43	0.74	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0028	12.10	0.0700	11.78	0.3748	0.2094	43	0.85	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0033	12.10	0.2000	11.78	0.3748	0.2094	43	0.86	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0689	12.10	0.0000	11.78	0.3748	0.2094	43	0.86	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0098	12.15	0.3000	11.78	0.3748	0.2094	43	0.99	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0003	12.19	0.2000	11.78	0.3748	0.2094	43	1.10	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0045	12.20	1.000	11.78	0.3748	0.2094	43	1.13	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0407	12.26	0.0185	11.78	0.3748	0.2094	43	1.28	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0074	12.32	0.8700	11.78	0.3748	0.2094	43	1.43	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0366	12.35	0.1000	11.78	0.3748	0.2094	43	1.53	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0843	12.48	0.0600	11.78	0.3748	0.2094	43	1.87	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0693	10.68	3.755	11.78	0.3748	0.2094	43	-2.92	5%	1
001.99	Loss on Drying, Miscellaneous (%)	0186	9.740	0.0292	11.47	0.6570	0.0925	21	-2.63	8%	0
001.99	Loss on Drying, Miscellaneous (%)	0618	9.745	0.1900	11.47	0.6570	0.0925	21	-2.62	8%	0
001.99	Loss on Drying, Miscellaneous (%)	0889	10.60	0.1900	11.47	0.6570	0.0925	21	-1.33	4%	0
001.99	Loss on Drying, Miscellaneous (%)	2081	10.87	0.0000	11.47	0.6570	0.0925	21	-0.91	3%	0
001.99	Loss on Drying, Miscellaneous (%)	0019	11.00	0.0000	11.47	0.6570	0.0925	21	-0.71	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0914	11.07	0.2200	11.47	0.6570	0.0925	21	-0.60	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0676	11.14	0.0100	11.47	0.6570	0.0925	21	-0.50	1%	0
001.99	Loss on Drying, Miscellaneous (%)	2246	11.48	0.2300	11.47	0.6570	0.0925	21	0.01	0%	0
001.99	Loss on Drying, Miscellaneous (%)	0918	11.48	0.3300	11.47	0.6570	0.0925	21	0.01	0%	0
001.99	Loss on Drying, Miscellaneous (%)	0510	11.50	0.0000	11.47	0.6570	0.0925	21	0.05	0%	0
001.99	Loss on Drying, Miscellaneous (%)	0610	11.54	0.0100	11.47	0.6570	0.0925	21	0.10	0%	0
001.99	Loss on Drying, Miscellaneous (%)	2319	11.55	0.1000	11.47	0.6570	0.0925	21	0.13	0%	0
001.99	Loss on Drying, Miscellaneous (%)	0912	11.57	0.1400	11.47	0.6570	0.0925	21	0.16	0%	0
001.99	Loss on Drying, Miscellaneous (%)	2363	11.61	0.1400	11.47	0.6570	0.0925	21	0.22	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0656	11.64	0.0000	11.47	0.6570	0.0925	21	0.26	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0948	11.66	0.0000	11.47	0.6570	0.0925	21	0.30	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0037	11.93	0.0000	11.47	0.6570	0.0925	21	0.71	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0536	12.16	0.2500	11.47	0.6570	0.0925	21	1.05	3%	0
001.99	Loss on Drying, Miscellaneous (%)	2268	12.29	0.1000	11.47	0.6570	0.0925	21	1.25	4%	0
001.99	Loss on Drying, Miscellaneous (%)	0357	12.32	0.0025	11.47	0.6570	0.0925	21	1.29	4%	0
001.99	Loss on Drying, Miscellaneous (%)	2302	13.42	0.0000	11.47	0.6570	0.0925	21	2.97	9%	0
001.99	Loss on Drying, Miscellaneous (%)	2155	9.715	0.8500	11.47	0.6570	0.0925	21	-2.67	8%	1
002.00	Protein, Crude, Crude (%)	0169	13.16	0.0300				2			0

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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
002.00	Protein, Crude, Crude (%)	2345	13.69	0.2400				2			0
002.01	Protein, Crude, Auto Kjel-Foss (%)	0870	13.28	0.1420	13.70	0.2702	0.1157	16	-1.57	2%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	0043	13.37	0.1810	13.70	0.2702	0.1157	16	-1.26	1%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	0685	13.38	0.2000	13.70	0.2702	0.1157	16	-1.20	1%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	0910	13.40	0.0000	13.70	0.2702	0.1157	16	-1.13	1%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	2193	13.61	0.0700	13.70	0.2702	0.1157	16	-0.37	0%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	2325	13.65	0.0200	13.70	0.2702	0.1157	16	-0.20	0%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	0674	13.69	0.0000	13.70	0.2702	0.1157	16	-0.05	0%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	0968	13.74	0.2100	13.70	0.2702	0.1157	16	0.11	0%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	0652	13.75	0.3000	13.70	0.2702	0.1157	16	0.17	0%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	2188	13.79	0.1500	13.70	0.2702	0.1157	16	0.30	0%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	2196	13.82	0.0000	13.70	0.2702	0.1157	16	0.43	0%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	2259	13.87	0.1180	13.70	0.2702	0.1157	16	0.60	1%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	0889	13.94	0.2000	13.70	0.2702	0.1157	16	0.87	1%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	0164	13.97	0.0600	13.70	0.2702	0.1157	16	0.98	1%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	0610	14.00	0.2000	13.70	0.2702	0.1157	16	1.09	1%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	0656	14.02	0.0000	13.70	0.2702	0.1157	16	1.17	1%	0
002.02	Protein, Crude, Semiauto Autoanalyzer (%)	0066	13.75	0.0400				1			0
002.04	Protein, Crude, Copper Catalyst (%)	0504	13.72	0.1300				2			0
002.04	Protein, Crude, Copper Catalyst (%)	0728	13.91	0.1300				2			0
002.05	Protein, Crude, Copper, Boric Acid (%)	0536	13.36	0.0500	13.77	0.2347	0.0723	22	-1.78	2%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0596	13.44	0.0100	13.77	0.2347	0.0723	22	-1.44	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0885	13.44	0.0545	13.77	0.2347	0.0723	22	-1.43	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2144	13.62	0.1550	13.77	0.2347	0.0723	22	-0.67	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2022	13.63	0.0200	13.77	0.2347	0.0723	22	-0.61	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2109	13.65	0.0700	13.77	0.2347	0.0723	22	-0.55	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0354	13.67	0.0020	13.77	0.2347	0.0723	22	-0.45	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0651	13.67	0.0728	13.77	0.2347	0.0723	22	-0.44	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2073	13.68	0.0400	13.77	0.2347	0.0723	22	-0.40	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0689	13.70	0.0000	13.77	0.2347	0.0723	22	-0.31	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2192	13.75	0.0100	13.77	0.2347	0.0723	22	-0.12	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2181	13.80	0.1500	13.77	0.2347	0.0723	22	0.09	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2340	13.83	0.0100	13.77	0.2347	0.0723	22	0.22	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2009	13.84	0.0293	13.77	0.2347	0.0723	22	0.27	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2199	13.85	0.1000	13.77	0.2347	0.0723	22	0.32	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2337	13.88	0.0000	13.77	0.2347	0.0723	22	0.45	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0948	13.96	0.1200	13.77	0.2347	0.0723	22	0.79	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0643	13.97	0.0500	13.77	0.2347	0.0723	22	0.81	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0622	13.99	0.1173	13.77	0.2347	0.0723	22	0.94	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0939	14.02	0.0500	13.77	0.2347	0.0723	22	1.03	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2246	14.30	0.1700	13.77	0.2347	0.0723	22	2.22	2%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2190	14.32	0.3100	13.77	0.2347	0.0723	22	2.31	2%	0

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002.05	Protein, Crude, Copper, Boric Acid (%)	2200	14.10	0.6000	13.77	0.2347	0.0723	22	1.39	1%	1
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0108	12.87	0.3000	13.80	0.3219	0.2006	115	-2.90	3%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0043	13.03	0.2680	13.80	0.3219	0.2006	115	-2.39	3%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0529	13.24	0.8000	13.80	0.3219	0.2006	115	-1.75	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0098	13.25	0.1000	13.80	0.3219	0.2006	115	-1.72	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0539	13.29	0.0300	13.80	0.3219	0.2006	115	-1.61	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0042	13.30	0.4000	13.80	0.3219	0.2006	115	-1.56	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2089	13.31	0.2100	13.80	0.3219	0.2006	115	-1.55	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2375	13.31	0.0700	13.80	0.3219	0.2006	115	-1.55	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0571	13.37	0.2600	13.80	0.3219	0.2006	115	-1.35	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0968	13.40	0.0200	13.80	0.3219	0.2006	115	-1.25	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0676	13.41	0.4400	13.80	0.3219	0.2006	115	-1.22	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0036	13.43	0.2800	13.80	0.3219	0.2006	115	-1.17	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0693	13.44	0.2500	13.80	0.3219	0.2006	115	-1.14	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0202	13.45	0.5000	13.80	0.3219	0.2006	115	-1.10	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0848	13.45	0.0200	13.80	0.3219	0.2006	115	-1.10	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2389	13.45	0.1000	13.80	0.3219	0.2006	115	-1.10	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0914	13.50	0.2700	13.80	0.3219	0.2006	115	-0.96	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0019	13.50	1.000	13.80	0.3219	0.2006	115	-0.94	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0876	13.50	0.0000	13.80	0.3219	0.2006	115	-0.94	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0100	13.51	0.1700	13.80	0.3219	0.2006	115	-0.93	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2303	13.52	0.0500	13.80	0.3219	0.2006	115	-0.89	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0033	13.55	0.7000	13.80	0.3219	0.2006	115	-0.79	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0018	13.56	0.6000	13.80	0.3219	0.2006	115	-0.76	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0541	13.56	0.2800	13.80	0.3219	0.2006	115	-0.76	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0589	13.56	0.0800	13.80	0.3219	0.2006	115	-0.76	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0242	13.56	0.2000	13.80	0.3219	0.2006	115	-0.76	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0164	13.57	0.1300	13.80	0.3219	0.2006	115	-0.74	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0037	13.58	0.0300	13.80	0.3219	0.2006	115	-0.71	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0505	13.58	0.0900	13.80	0.3219	0.2006	115	-0.71	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0034	13.59	0.5840	13.80	0.3219	0.2006	115	-0.66	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0017	13.60	0.2000	13.80	0.3219	0.2006	115	-0.63	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0675	13.63	0.0700	13.80	0.3219	0.2006	115	-0.55	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0692	13.63	0.1200	13.80	0.3219	0.2006	115	-0.54	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0001	13.65	0.1900	13.80	0.3219	0.2006	115	-0.49	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0278	13.65	0.1000	13.80	0.3219	0.2006	115	-0.48	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0510	13.65	0.1000	13.80	0.3219	0.2006	115	-0.48	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0045	13.65	0.3000	13.80	0.3219	0.2006	115	-0.48	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0035	13.67	0.1180	13.80	0.3219	0.2006	115	-0.41	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0358	13.68	0.2500	13.80	0.3219	0.2006	115	-0.40	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0598	13.68	0.0600	13.80	0.3219	0.2006	115	-0.38	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0511	13.69	0.2300	13.80	0.3219	0.2006	115	-0.37	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0027	13.69	0.2070	13.80	0.3219	0.2006	115	-0.35	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0074	13.70	0.4900	13.80	0.3219	0.2006	115	-0.34	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0610	13.70	0.2000	13.80	0.3219	0.2006	115	-0.32	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2059	13.71	0.1375	13.80	0.3219	0.2006	115	-0.29	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0144	13.72	0.0200	13.80	0.3219	0.2006	115	-0.26	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0870	13.73	0.3100	13.80	0.3219	0.2006	115	-0.24	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0263	13.73	0.0160	13.80	0.3219	0.2006	115	-0.23	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0353	13.73	0.0400	13.80	0.3219	0.2006	115	-0.23	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0407	13.74	0.1850	13.80	0.3219	0.2006	115	-0.21	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0294	13.75	0.1000	13.80	0.3219	0.2006	115	-0.16	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0650	13.75	0.1000	13.80	0.3219	0.2006	115	-0.16	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0546	13.76	0.0730	13.80	0.3219	0.2006	115	-0.14	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0644	13.77	0.4360	13.80	0.3219	0.2006	115	-0.12	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2155	13.77	0.6950	13.80	0.3219	0.2006	115	-0.11	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0553	13.77	0.1790	13.80	0.3219	0.2006	115	-0.11	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0953	13.77	0.4800	13.80	0.3219	0.2006	115	-0.10	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0590	13.78	0.1500	13.80	0.3219	0.2006	115	-0.09	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0646	13.78	0.0900	13.80	0.3219	0.2006	115	-0.09	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2129	13.78	0.0840	13.80	0.3219	0.2006	115	-0.06	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0309	13.79	0.1600	13.80	0.3219	0.2006	115	-0.04	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0028	13.80	0.0700	13.80	0.3219	0.2006	115	-0.03	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0160	13.80	0.4000	13.80	0.3219	0.2006	115	-0.01	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0880	13.80	0.2000	13.80	0.3219	0.2006	115	-0.01	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0626	13.81	0.1590	13.80	0.3219	0.2006	115	0.01	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0345	13.81	0.2200	13.80	0.3219	0.2006	115	0.02	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2168	13.83	0.0500	13.80	0.3219	0.2006	115	0.07	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0354	13.83	0.0800	13.80	0.3219	0.2006	115	0.08	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0004	13.84	0.1800	13.80	0.3219	0.2006	115	0.11	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0009	13.85	0.0700	13.80	0.3219	0.2006	115	0.13	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0049	13.86	0.1500	13.80	0.3219	0.2006	115	0.16	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2150	13.86	0.0400	13.80	0.3219	0.2006	115	0.18	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2302	13.88	0.0700	13.80	0.3219	0.2006	115	0.22	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0003	13.90	0.1500	13.80	0.3219	0.2006	115	0.29	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2174	13.90	0.0300	13.80	0.3219	0.2006	115	0.29	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0010	13.90	0.0000	13.80	0.3219	0.2006	115	0.30	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0142	13.93	0.1900	13.80	0.3219	0.2006	115	0.38	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0047	13.95	0.1000	13.80	0.3219	0.2006	115	0.46	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0956	13.95	0.5000	13.80	0.3219	0.2006	115	0.46	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0918	13.96	0.1700	13.80	0.3219	0.2006	115	0.47	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0190	13.96	0.0400	13.80	0.3219	0.2006	115	0.49	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0229	13.99	0.4300	13.80	0.3219	0.2006	115	0.57	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0011	14.00	0.1200	13.80	0.3219	0.2006	115	0.61	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0520	14.00	0.7500	13.80	0.3219	0.2006	115	0.61	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0574	14.00	0.0200	13.80	0.3219	0.2006	115	0.61	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2359	14.00	0.2000	13.80	0.3219	0.2006	115	0.61	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0726	14.04	0.0300	13.80	0.3219	0.2006	115	0.72	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2213	14.04	0.1200	13.80	0.3219	0.2006	115	0.74	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0948	14.05	0.2500	13.80	0.3219	0.2006	115	0.75	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0366	14.05	0.5000	13.80	0.3219	0.2006	115	0.77	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2319	14.05	0.1000	13.80	0.3219	0.2006	115	0.77	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0508	14.09	0.0060	13.80	0.3219	0.2006	115	0.89	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0300	14.10	0.4000	13.80	0.3219	0.2006	115	0.92	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0687	14.10	0.6000	13.80	0.3219	0.2006	115	0.92	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2349	14.10	0.6000	13.80	0.3219	0.2006	115	0.92	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2076	14.10	0.1740	13.80	0.3219	0.2006	115	0.93	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0504	14.13	0.1000	13.80	0.3219	0.2006	115	1.02	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0186	14.15	0.0100	13.80	0.3219	0.2006	115	1.06	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0884	14.15	0.1000	13.80	0.3219	0.2006	115	1.08	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0062	14.15	0.3000	13.80	0.3219	0.2006	115	1.08	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0083	14.15	0.0400	13.80	0.3219	0.2006	115	1.08	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0939	14.26	0.0100	13.80	0.3219	0.2006	115	1.40	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0226	14.27	0.3500	13.80	0.3219	0.2006	115	1.43	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0425	14.32	0.1300	13.80	0.3219	0.2006	115	1.59	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0618	14.34	0.0500	13.80	0.3219	0.2006	115	1.66	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0357	14.34	0.0625	13.80	0.3219	0.2006	115	1.68	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0148	14.35	0.0530	13.80	0.3219	0.2006	115	1.71	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2081	14.40	0.1300	13.80	0.3219	0.2006	115	1.84	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0265	14.40	0.2000	13.80	0.3219	0.2006	115	1.85	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0853	14.40	0.0000	13.80	0.3219	0.2006	115	1.85	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2246	14.41	0.0600	13.80	0.3219	0.2006	115	1.89	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2268	14.43	0.1300	13.80	0.3219	0.2006	115	1.93	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0656	14.49	0.0000	13.80	0.3219	0.2006	115	2.13	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0682	14.71	0.0000	13.80	0.3219	0.2006	115	2.82	3%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2178	15.53	0.0500	13.80	0.3219	0.2006	115	5.35	6%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	1019	14.76	2.070	13.80	0.3219	0.2006	115	2.96	3%	1
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0843	14.94	1.480	13.80	0.3219	0.2006	115	3.53	4%	1
002.08	Protein, Crude, Cu/Ti (%)	0563	13.78	0.0631				2			0
002.08	Protein, Crude, Cu/Ti (%)	0098	13.84	0.0800				2			0
002.11	Protein, Crude, NIR (%)	0889	11.77	0.0500	13.75	0.5878	0.0867	6	-3.38	7%	0
002.11	Protein, Crude, NIR (%)	2302	13.55	0.0000	13.75	0.5878	0.0867	6	-0.34	1%	0
002.11	Protein, Crude, NIR (%)	2105	13.79	0.0500	13.75	0.5878	0.0867	6	0.06	0%	0
002.11	Protein, Crude, NIR (%)	0885	13.94	0.0900	13.75	0.5878	0.0867	6	0.31	1%	0
002.11	Protein, Crude, NIR (%)	2290	13.94	0.0400	13.75	0.5878	0.0867	6	0.32	1%	0
002.11	Protein, Crude, NIR (%)	0553	14.43	0.2900	13.75	0.5878	0.0867	6	1.15	2%	0

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003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0885	1.844	0.0257	2.314	0.2867	0.0731	15	-1.64	10%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2325	2.085	0.0500	2.314	0.2867	0.0731	15	-0.80	5%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0142	2.105	0.0100	2.314	0.2867	0.0731	15	-0.73	5%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2190	2.125	0.2300	2.314	0.2867	0.0731	15	-0.66	4%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2337	2.155	0.0100	2.314	0.2867	0.0731	15	-0.55	3%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0309	2.161	0.0686	2.314	0.2867	0.0731	15	-0.53	3%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2340	2.223	0.0420	2.314	0.2867	0.0731	15	-0.32	2%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0875	2.225	0.0500	2.314	0.2867	0.0731	15	-0.31	2%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2192	2.300	0.0000	2.314	0.2867	0.0731	15	-0.05	0%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0345	2.375	0.1500	2.314	0.2867	0.0731	15	0.21	1%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2109	2.435	0.0300	2.314	0.2867	0.0731	15	0.42	3%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0017	2.550	0.1000	2.314	0.2867	0.0731	15	0.82	5%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2359	2.650	0.1000	2.314	0.2867	0.0731	15	1.17	7%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0596	2.690	0.0000	2.314	0.2867	0.0731	15	1.31	8%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0011	4.705	0.2300	2.314	0.2867	0.0731	15	8.34	52%	0
003.01	Fat, Crude, Diethyl Ether Ext (13th ed.), Indirect (%)	0504	1.645	0.7100				3			0
003.01	Fat, Crude, Diethyl Ether Ext (13th ed.), Indirect (%)	0563	2.442	0.0201				3			0
003.01	Fat, Crude, Diethyl Ether Ext (13th ed.), Indirect (%)	0164	2.800	0.3800				3			0
003.06	Fat, Crude, Pet Ether (%)	0884	2.150	0.1000	2.425	0.1913	0.1024	15	-1.44	6%	0
003.06	Fat, Crude, Pet Ether (%)	0674	2.250	0.0000	2.425	0.1913	0.1024	15	-0.91	4%	0
003.06	Fat, Crude, Pet Ether (%)	0939	2.260	0.3000	2.425	0.1913	0.1024	15	-0.86	3%	0
003.06	Fat, Crude, Pet Ether (%)	2181	2.265	0.0300	2.425	0.1913	0.1024	15	-0.84	3%	0
003.06	Fat, Crude, Pet Ether (%)	0425	2.270	0.0400	2.425	0.1913	0.1024	15	-0.81	3%	0
003.06	Fat, Crude, Pet Ether (%)	0169	2.365	0.0300	2.425	0.1913	0.1024	15	-0.31	1%	0
003.06	Fat, Crude, Pet Ether (%)	0918	2.415	0.0500	2.425	0.1913	0.1024	15	-0.05	0%	0
003.06	Fat, Crude, Pet Ether (%)	0644	2.447	0.0670	2.425	0.1913	0.1024	15	0.11	0%	0
003.06	Fat, Crude, Pet Ether (%)	0910	2.450	0.0400	2.425	0.1913	0.1024	15	0.13	1%	0
003.06	Fat, Crude, Pet Ether (%)	0651	2.461	0.3586	2.425	0.1913	0.1024	15	0.19	1%	0
003.06	Fat, Crude, Pet Ether (%)	0682	2.500	0.0000	2.425	0.1913	0.1024	15	0.39	2%	0
003.06	Fat, Crude, Pet Ether (%)	0689	2.500	0.2000	2.425	0.1913	0.1024	15	0.39	2%	0
003.06	Fat, Crude, Pet Ether (%)	0687	2.650	0.3000	2.425	0.1913	0.1024	15	1.18	5%	0
003.06	Fat, Crude, Pet Ether (%)	0294	2.680	0.0200	2.425	0.1913	0.1024	15	1.33	5%	0
003.06	Fat, Crude, Pet Ether (%)	0656	2.720	0.0000	2.425	0.1913	0.1024	15	1.54	6%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	2349	2.315	0.0500	2.440	0.1064	0.0819	9	-1.17	3%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0948	2.330	0.0400	2.440	0.1064	0.0819	9	-1.03	2%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0027	2.383	0.0770	2.440	0.1064	0.0819	9	-0.54	1%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0004	2.405	0.0900	2.440	0.1064	0.0819	9	-0.33	1%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	2188	2.420	0.0200	2.440	0.1064	0.0819	9	-0.18	0%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0098	2.480	0.2000	2.440	0.1064	0.0819	9	0.38	1%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0685	2.500	0.1200	2.440	0.1064	0.0819	9	0.57	1%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0354	2.525	0.0100	2.440	0.1064	0.0819	9	0.80	2%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0353	2.735	0.1300	2.440	0.1064	0.0819	9	2.78	6%	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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003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0590	2.180	0.4600	2.440	0.1064	0.0819	9	-2.44	5%	1
003.10	Fat, Crude, Randall, Pet Ether (%)	0045	1.980	0.2600	2.280	0.1908	0.0831	25	-1.57	7%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0889	2.085	0.0900	2.280	0.1908	0.0831	25	-1.02	4%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2193	2.090	0.0200	2.280	0.1908	0.0831	25	-1.00	4%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0366	2.100	0.2000	2.280	0.1908	0.0831	25	-0.94	4%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2073	2.105	0.0300	2.280	0.1908	0.0831	25	-0.92	4%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0263	2.125	0.0650	2.280	0.1908	0.0831	25	-0.81	3%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0242	2.165	0.0300	2.280	0.1908	0.0831	25	-0.60	3%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2196	2.170	0.0000	2.280	0.1908	0.0831	25	-0.58	2%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0693	2.193	0.0640	2.280	0.1908	0.0831	25	-0.46	2%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0042	2.205	0.1500	2.280	0.1908	0.0831	25	-0.39	2%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0036	2.214	0.0074	2.280	0.1908	0.0831	25	-0.35	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0870	2.240	0.0550	2.280	0.1908	0.0831	25	-0.21	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0148	2.265	0.0900	2.280	0.1908	0.0831	25	-0.08	0%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0541	2.270	0.1200	2.280	0.1908	0.0831	25	-0.05	0%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2155	2.271	0.0350	2.280	0.1908	0.0831	25	-0.05	0%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0622	2.281	0.0562	2.280	0.1908	0.0831	25	0.00	0%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0728	2.335	0.0500	2.280	0.1908	0.0831	25	0.29	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0100	2.375	0.0900	2.280	0.1908	0.0831	25	0.50	2%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0689	2.400	0.0000	2.280	0.1908	0.0831	25	0.63	3%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2022	2.405	0.0100	2.280	0.1908	0.0831	25	0.65	3%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2319	2.500	0.0000	2.280	0.1908	0.0831	25	1.15	5%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0676	2.515	0.0900	2.280	0.1908	0.0831	25	1.23	5%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0098	2.635	0.4500	2.280	0.1908	0.0831	25	1.86	8%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0618	2.733	0.1060	2.280	0.1908	0.0831	25	2.37	10%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0610	2.775	0.0100	2.280	0.1908	0.0831	25	2.59	11%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0062	2.445	0.5300	2.280	0.1908	0.0831	25	0.86	4%	1
003.11	Fat, Crude, NIR (%)	2302	2.150	0.0000	2.772	0.5025	0.0240	5			0
003.11	Fat, Crude, NIR (%)	0553	2.500	0.0200	2.772	0.5025	0.0240	5			0
003.11	Fat, Crude, NIR (%)	0885	2.680	0.0200	2.772	0.5025	0.0240	5			0
003.11	Fat, Crude, NIR (%)	2105	3.100	0.0600	2.772	0.5025	0.0240	5			0
003.11	Fat, Crude, NIR (%)	0889	3.430	0.0200	2.772	0.5025	0.0240	5			0
003.12	Fat, Crude, Hexane Ext (%)	2200	2.450	0.3000				2			0
003.12	Fat, Crude, Hexane Ext (%)	2199	2.490	0.2400				2			0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	2089	2.055	0.0500	2.363	0.2105	0.0477	6	-1.47	7%	0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	0870	2.344	0.1263	2.363	0.2105	0.0477	6	-0.09	0%	0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	0028	2.345	0.0100	2.363	0.2105	0.0477	6	-0.09	0%	0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	0098	2.350	0.0200	2.363	0.2105	0.0477	6	-0.06	0%	0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	0646	2.415	0.0700	2.363	0.2105	0.0477	6	0.24	1%	0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	2246	3.115	0.0100	2.363	0.2105	0.0477	6	3.57	16%	0
003.14	Fat, Crude, Ankom (%)	0574	1.705	0.1300	2.306	0.2484	0.1508	48	-2.42	13%	0
003.14	Fat, Crude, Ankom (%)	0505	1.715	0.1300	2.306	0.2484	0.1508	48	-2.38	13%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
003.14	Fat, Crude, Ankom (%)	0202	1.890	0.4000	2.306	0.2484	0.1508	48	-1.68	9%	0
003.14	Fat, Crude, Ankom (%)	0019	2.000	0.0000	2.306	0.2484	0.1508	48	-1.23	7%	0
003.14	Fat, Crude, Ankom (%)	0278	2.000	0.2000	2.306	0.2484	0.1508	48	-1.23	7%	0
003.14	Fat, Crude, Ankom (%)	2375	2.000	0.0200	2.306	0.2484	0.1508	48	-1.23	7%	0
003.14	Fat, Crude, Ankom (%)	0265	2.050	0.1200	2.306	0.2484	0.1508	48	-1.03	6%	0
003.14	Fat, Crude, Ankom (%)	0912	2.050	0.0400	2.306	0.2484	0.1508	48	-1.03	6%	0
003.14	Fat, Crude, Ankom (%)	0037	2.060	0.1000	2.306	0.2484	0.1508	48	-0.99	5%	0
003.14	Fat, Crude, Ankom (%)	0108	2.075	0.3100	2.306	0.2484	0.1508	48	-0.93	5%	0
003.14	Fat, Crude, Ankom (%)	0034	2.110	0.0000	2.306	0.2484	0.1508	48	-0.79	4%	0
003.14	Fat, Crude, Ankom (%)	0144	2.140	0.4000	2.306	0.2484	0.1508	48	-0.67	4%	0
003.14	Fat, Crude, Ankom (%)	0956	2.150	0.1000	2.306	0.2484	0.1508	48	-0.63	3%	0
003.14	Fat, Crude, Ankom (%)	0003	2.190	0.6000	2.306	0.2484	0.1508	48	-0.47	3%	0
003.14	Fat, Crude, Ankom (%)	0692	2.200	0.0000	2.306	0.2484	0.1508	48	-0.43	2%	0
003.14	Fat, Crude, Ankom (%)	0407	2.249	0.1527	2.306	0.2484	0.1508	48	-0.23	1%	0
003.14	Fat, Crude, Ankom (%)	0853	2.250	0.3000	2.306	0.2484	0.1508	48	-0.23	1%	0
003.14	Fat, Crude, Ankom (%)	0066	2.260	0.0600	2.306	0.2484	0.1508	48	-0.19	1%	0
003.14	Fat, Crude, Ankom (%)	0148	2.260	0.2000	2.306	0.2484	0.1508	48	-0.19	1%	0
003.14	Fat, Crude, Ankom (%)	0358	2.260	0.0600	2.306	0.2484	0.1508	48	-0.19	1%	0
003.14	Fat, Crude, Ankom (%)	0529	2.260	0.2200	2.306	0.2484	0.1508	48	-0.19	1%	0
003.14	Fat, Crude, Ankom (%)	0675	2.260	0.0200	2.306	0.2484	0.1508	48	-0.19	1%	0
003.14	Fat, Crude, Ankom (%)	0511	2.265	0.2100	2.306	0.2484	0.1508	48	-0.17	1%	0
003.14	Fat, Crude, Ankom (%)	2076	2.266	0.2102	2.306	0.2484	0.1508	48	-0.16	1%	0
003.14	Fat, Crude, Ankom (%)	0004	2.295	0.1300	2.306	0.2484	0.1508	48	-0.04	0%	0
003.14	Fat, Crude, Ankom (%)	0186	2.325	0.0900	2.306	0.2484	0.1508	48	0.08	0%	0
003.14	Fat, Crude, Ankom (%)	0074	2.330	0.0000	2.306	0.2484	0.1508	48	0.10	1%	0
003.14	Fat, Crude, Ankom (%)	0083	2.335	0.0300	2.306	0.2484	0.1508	48	0.12	1%	0
003.14	Fat, Crude, Ankom (%)	0948	2.350	0.0000	2.306	0.2484	0.1508	48	0.18	1%	0
003.14	Fat, Crude, Ankom (%)	0598	2.355	0.0100	2.306	0.2484	0.1508	48	0.20	1%	0
003.14	Fat, Crude, Ankom (%)	0682	2.380	0.0000	2.306	0.2484	0.1508	48	0.30	2%	0
003.14	Fat, Crude, Ankom (%)	0033	2.390	0.0400	2.306	0.2484	0.1508	48	0.34	2%	0
003.14	Fat, Crude, Ankom (%)	2129	2.391	0.1240	2.306	0.2484	0.1508	48	0.34	2%	0
003.14	Fat, Crude, Ankom (%)	0563	2.400	0.0008	2.306	0.2484	0.1508	48	0.38	2%	0
003.14	Fat, Crude, Ankom (%)	0520	2.415	0.2500	2.306	0.2484	0.1508	48	0.44	2%	0
003.14	Fat, Crude, Ankom (%)	0001	2.420	0.1600	2.306	0.2484	0.1508	48	0.46	2%	0
003.14	Fat, Crude, Ankom (%)	0357	2.435	0.0300	2.306	0.2484	0.1508	48	0.52	3%	0
003.14	Fat, Crude, Ankom (%)	0226	2.465	0.0100	2.306	0.2484	0.1508	48	0.64	3%	0
003.14	Fat, Crude, Ankom (%)	0968	2.465	0.0900	2.306	0.2484	0.1508	48	0.64	3%	0
003.14	Fat, Crude, Ankom (%)	0009	2.510	0.0400	2.306	0.2484	0.1508	48	0.82	4%	0
003.14	Fat, Crude, Ankom (%)	2359	2.600	0.6000	2.306	0.2484	0.1508	48	1.18	6%	0
003.14	Fat, Crude, Ankom (%)	0848	2.605	0.2100	2.306	0.2484	0.1508	48	1.20	6%	0
003.14	Fat, Crude, Ankom (%)	0229	2.690	0.4600	2.306	0.2484	0.1508	48	1.55	8%	0
003.14	Fat, Crude, Ankom (%)	0726	2.700	0.0800	2.306	0.2484	0.1508	48	1.59	9%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
003.14	Fat, Crude, Ankom (%)	0510	2.755	0.1100	2.306	0.2484	0.1508	48	1.81	10%	0
003.14	Fat, Crude, Ankom (%)	0049	2.770	0.6600	2.306	0.2484	0.1508	48	1.87	10%	0
003.14	Fat, Crude, Ankom (%)	0190	2.820	0.0200	2.306	0.2484	0.1508	48	2.07	11%	0
003.14	Fat, Crude, Ankom (%)	2302	2.875	0.1100	2.306	0.2484	0.1508	48	2.29	12%	0
003.99	Fat, Crude, Miscellaneous (%)	0880	1.900	0.6000	2.610	0.7162	0.4160	5			0
003.99	Fat, Crude, Miscellaneous (%)	0546	2.130	0.0800	2.610	0.7162	0.4160	5			0
003.99	Fat, Crude, Miscellaneous (%)	0536	2.365	0.0100	2.610	0.7162	0.4160	5			0
003.99	Fat, Crude, Miscellaneous (%)	0941	2.990	0.2400	2.610	0.7162	0.4160	5			0
003.99	Fat, Crude, Miscellaneous (%)	1019	3.665	1.150	2.610	0.7162	0.4160	5			0
004.00	Fiber, Crude, Asbestos Free (%)	0186	3.350	0.1200	3.748	0.2578	0.1181	9	-1.54	5%	0
004.00	Fiber, Crude, Asbestos Free (%)	2076	3.576	0.4130	3.748	0.2578	0.1181	9	-0.67	2%	0
004.00	Fiber, Crude, Asbestos Free (%)	0164	3.600	0.0000	3.748	0.2578	0.1181	9	-0.57	2%	0
004.00	Fiber, Crude, Asbestos Free (%)	0169	3.670	0.0200	3.748	0.2578	0.1181	9	-0.30	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	2359	3.700	0.0000	3.748	0.2578	0.1181	9	-0.19	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	0309	3.849	0.0597	3.748	0.2578	0.1181	9	0.39	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	0884	3.900	0.2000	3.748	0.2578	0.1181	9	0.59	2%	0
004.00	Fiber, Crude, Asbestos Free (%)	0017	4.000	0.2000	3.748	0.2578	0.1181	9	0.98	3%	0
004.00	Fiber, Crude, Asbestos Free (%)	0345	4.075	0.0500	3.748	0.2578	0.1181	9	1.27	4%	0
004.03	Fiber, Crude, Fritted Glass (%)	0353	2.850	0.5000	3.614	0.5689	0.3625	4			0
004.03	Fiber, Crude, Fritted Glass (%)	2246	3.570	0.4400	3.614	0.5689	0.3625	4			0
004.03	Fiber, Crude, Fritted Glass (%)	2089	3.845	0.3100	3.614	0.5689	0.3625	4			0
004.03	Fiber, Crude, Fritted Glass (%)	2192	4.190	0.2000	3.614	0.5689	0.3625	4			0
004.06	Fiber, Crude, Fibertec (%)	2199	2.750	0.3000	3.841	0.3215	0.1272	15	-3.39	14%	0
004.06	Fiber, Crude, Fibertec (%)	2319	3.550	0.1000	3.841	0.3215	0.1272	15	-0.91	4%	0
004.06	Fiber, Crude, Fibertec (%)	0674	3.600	0.0000	3.841	0.3215	0.1272	15	-0.75	3%	0
004.06	Fiber, Crude, Fibertec (%)	0968	3.600	0.2000	3.841	0.3215	0.1272	15	-0.75	3%	0
004.06	Fiber, Crude, Fibertec (%)	2188	3.670	0.0000	3.841	0.3215	0.1272	15	-0.53	2%	0
004.06	Fiber, Crude, Fibertec (%)	2022	3.705	0.0100	3.841	0.3215	0.1272	15	-0.42	2%	0
004.06	Fiber, Crude, Fibertec (%)	0098	3.710	0.3000	3.841	0.3215	0.1272	15	-0.41	2%	0
004.06	Fiber, Crude, Fibertec (%)	2325	3.795	0.1100	3.841	0.3215	0.1272	15	-0.14	1%	0
004.06	Fiber, Crude, Fibertec (%)	0027	3.843	0.0480	3.841	0.3215	0.1272	15	0.01	0%	0
004.06	Fiber, Crude, Fibertec (%)	0948	3.965	0.1300	3.841	0.3215	0.1272	15	0.39	2%	0
004.06	Fiber, Crude, Fibertec (%)	0689	4.000	0.2000	3.841	0.3215	0.1272	15	0.49	2%	0
004.06	Fiber, Crude, Fibertec (%)	0918	4.010	0.2200	3.841	0.3215	0.1272	15	0.53	2%	0
004.06	Fiber, Crude, Fibertec (%)	0038	4.225	0.0900	3.841	0.3215	0.1272	15	1.19	5%	0
004.06	Fiber, Crude, Fibertec (%)	0676	4.260	0.0400	3.841	0.3215	0.1272	15	1.30	5%	0
004.06	Fiber, Crude, Fibertec (%)	0610	4.570	0.1600	3.841	0.3215	0.1272	15	2.27	9%	0
004.07	Fiber, Crude, ANKOM (%)	0265	2.380	0.3400	3.652	0.2804	0.1607	76	-4.54	17%	0
004.07	Fiber, Crude, ANKOM (%)	0510	2.700	0.0000	3.652	0.2804	0.1607	76	-3.39	13%	0
004.07	Fiber, Crude, ANKOM (%)	0144	2.900	0.0600	3.652	0.2804	0.1607	76	-2.68	10%	0
004.07	Fiber, Crude, ANKOM (%)	0425	3.000	0.2000	3.652	0.2804	0.1607	76	-2.32	9%	0
004.07	Fiber, Crude, ANKOM (%)	0656	3.070	0.0000	3.652	0.2804	0.1607	76	-2.07	8%	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 (%)	0708	3.160	0.0800	3.652	0.2804	0.1607	76	-1.75	7%	0
004.07	Fiber, Crude, ANKOM (%)	0505	3.175	0.0900	3.652	0.2804	0.1607	76	-1.70	7%	0
004.07	Fiber, Crude, ANKOM (%)	0004	3.245	0.1500	3.652	0.2804	0.1607	76	-1.45	6%	0
004.07	Fiber, Crude, ANKOM (%)	0366	3.300	0.4000	3.652	0.2804	0.1607	76	-1.25	5%	0
004.07	Fiber, Crude, ANKOM (%)	0536	3.300	0.1000	3.652	0.2804	0.1607	76	-1.25	5%	0
004.07	Fiber, Crude, ANKOM (%)	0100	3.350	0.0400	3.652	0.2804	0.1607	76	-1.08	4%	0
004.07	Fiber, Crude, ANKOM (%)	0242	3.350	0.0400	3.652	0.2804	0.1607	76	-1.08	4%	0
004.07	Fiber, Crude, ANKOM (%)	0035	3.400	0.1800	3.652	0.2804	0.1607	76	-0.90	3%	0
004.07	Fiber, Crude, ANKOM (%)	0643	3.410	0.0200	3.652	0.2804	0.1607	76	-0.86	3%	0
004.07	Fiber, Crude, ANKOM (%)	2190	3.410	0.3400	3.652	0.2804	0.1607	76	-0.86	3%	0
004.07	Fiber, Crude, ANKOM (%)	0870	3.445	0.0267	3.652	0.2804	0.1607	76	-0.74	3%	0
004.07	Fiber, Crude, ANKOM (%)	0278	3.450	0.5000	3.652	0.2804	0.1607	76	-0.72	3%	0
004.07	Fiber, Crude, ANKOM (%)	0885	3.457	0.0330	3.652	0.2804	0.1607	76	-0.70	3%	0
004.07	Fiber, Crude, ANKOM (%)	0626	3.483	0.0800	3.652	0.2804	0.1607	76	-0.60	2%	0
004.07	Fiber, Crude, ANKOM (%)	0019	3.500	1.000	3.652	0.2804	0.1607	76	-0.54	2%	0
004.07	Fiber, Crude, ANKOM (%)	0028	3.500	0.2000	3.652	0.2804	0.1607	76	-0.54	2%	0
004.07	Fiber, Crude, ANKOM (%)	0876	3.500	0.6000	3.652	0.2804	0.1607	76	-0.54	2%	0
004.07	Fiber, Crude, ANKOM (%)	0956	3.500	0.0000	3.652	0.2804	0.1607	76	-0.54	2%	0
004.07	Fiber, Crude, ANKOM (%)	2009	3.507	0.0079	3.652	0.2804	0.1607	76	-0.52	2%	0
004.07	Fiber, Crude, ANKOM (%)	0644	3.513	0.0100	3.652	0.2804	0.1607	76	-0.49	2%	0
004.07	Fiber, Crude, ANKOM (%)	0589	3.520	0.2400	3.652	0.2804	0.1607	76	-0.47	2%	0
004.07	Fiber, Crude, ANKOM (%)	0596	3.560	0.2600	3.652	0.2804	0.1607	76	-0.33	1%	0
004.07	Fiber, Crude, ANKOM (%)	0563	3.566	0.1897	3.652	0.2804	0.1607	76	-0.30	1%	0
004.07	Fiber, Crude, ANKOM (%)	0675	3.580	0.1000	3.652	0.2804	0.1607	76	-0.26	1%	0
004.07	Fiber, Crude, ANKOM (%)	0598	3.600	0.0200	3.652	0.2804	0.1607	76	-0.18	1%	0
004.07	Fiber, Crude, ANKOM (%)	0646	3.610	0.1000	3.652	0.2804	0.1607	76	-0.15	1%	0
004.07	Fiber, Crude, ANKOM (%)	0083	3.620	0.0200	3.652	0.2804	0.1607	76	-0.11	0%	0
004.07	Fiber, Crude, ANKOM (%)	0504	3.625	0.0500	3.652	0.2804	0.1607	76	-0.09	0%	0
004.07	Fiber, Crude, ANKOM (%)	0202	3.635	0.3900	3.652	0.2804	0.1607	76	-0.06	0%	0
004.07	Fiber, Crude, ANKOM (%)	0300	3.640	0.0400	3.652	0.2804	0.1607	76	-0.04	0%	0
004.07	Fiber, Crude, ANKOM (%)	0066	3.645	0.1300	3.652	0.2804	0.1607	76	-0.02	0%	0
004.07	Fiber, Crude, ANKOM (%)	0294	3.650	0.1000	3.652	0.2804	0.1607	76	-0.01	0%	0
004.07	Fiber, Crude, ANKOM (%)	0692	3.650	0.1000	3.652	0.2804	0.1607	76	-0.01	0%	0
004.07	Fiber, Crude, ANKOM (%)	0726	3.660	0.0000	3.652	0.2804	0.1607	76	0.03	0%	0
004.07	Fiber, Crude, ANKOM (%)	0354	3.680	0.0400	3.652	0.2804	0.1607	76	0.10	0%	0
004.07	Fiber, Crude, ANKOM (%)	2337	3.680	0.0400	3.652	0.2804	0.1607	76	0.10	0%	0
004.07	Fiber, Crude, ANKOM (%)	2340	3.699	0.0120	3.652	0.2804	0.1607	76	0.17	1%	0
004.07	Fiber, Crude, ANKOM (%)	0682	3.700	0.0000	3.652	0.2804	0.1607	76	0.17	1%	0
004.07	Fiber, Crude, ANKOM (%)	0529	3.710	0.0000	3.652	0.2804	0.1607	76	0.21	1%	0
004.07	Fiber, Crude, ANKOM (%)	0009	3.720	0.0400	3.652	0.2804	0.1607	76	0.24	1%	0
004.07	Fiber, Crude, ANKOM (%)	2188	3.720	0.0000	3.652	0.2804	0.1607	76	0.24	1%	0
004.07	Fiber, Crude, ANKOM (%)	0034	3.735	0.0700	3.652	0.2804	0.1607	76	0.30	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			
004.07	Fiber, Crude, ANKOM (%)	2193	3.740	0.1200	3.652	0.2804	0.1607	76	0.32	1%	0
004.07	Fiber, Crude, ANKOM (%)	2259	3.740	0.0260	3.652	0.2804	0.1607	76	0.32	1%	0
004.07	Fiber, Crude, ANKOM (%)	2181	3.745	0.0100	3.652	0.2804	0.1607	76	0.33	1%	0
004.07	Fiber, Crude, ANKOM (%)	0693	3.750	0.0610	3.652	0.2804	0.1607	76	0.35	1%	0
004.07	Fiber, Crude, ANKOM (%)	0939	3.750	0.0800	3.652	0.2804	0.1607	76	0.35	1%	0
004.07	Fiber, Crude, ANKOM (%)	0407	3.752	0.0976	3.652	0.2804	0.1607	76	0.36	1%	0
004.07	Fiber, Crude, ANKOM (%)	2109	3.755	0.1700	3.652	0.2804	0.1607	76	0.37	1%	0
004.07	Fiber, Crude, ANKOM (%)	0074	3.770	0.2200	3.652	0.2804	0.1607	76	0.42	2%	0
004.07	Fiber, Crude, ANKOM (%)	0622	3.796	0.0190	3.652	0.2804	0.1607	76	0.51	2%	0
004.07	Fiber, Crude, ANKOM (%)	0553	3.810	0.4200	3.652	0.2804	0.1607	76	0.56	2%	0
004.07	Fiber, Crude, ANKOM (%)	0043	3.810	0.3600	3.652	0.2804	0.1607	76	0.56	2%	0
004.07	Fiber, Crude, ANKOM (%)	0011	3.850	0.3000	3.652	0.2804	0.1607	76	0.71	3%	0
004.07	Fiber, Crude, ANKOM (%)	0848	3.865	0.0100	3.652	0.2804	0.1607	76	0.76	3%	0
004.07	Fiber, Crude, ANKOM (%)	0190	3.900	0.0000	3.652	0.2804	0.1607	76	0.89	3%	0
004.07	Fiber, Crude, ANKOM (%)	0511	3.900	0.2000	3.652	0.2804	0.1607	76	0.89	3%	0
004.07	Fiber, Crude, ANKOM (%)	0910	3.900	0.4000	3.652	0.2804	0.1607	76	0.89	3%	0
004.07	Fiber, Crude, ANKOM (%)	2196	3.900	0.0000	3.652	0.2804	0.1607	76	0.89	3%	0
004.07	Fiber, Crude, ANKOM (%)	0229	3.935	0.2300	3.652	0.2804	0.1607	76	1.01	4%	0
004.07	Fiber, Crude, ANKOM (%)	0948	3.965	0.1500	3.652	0.2804	0.1607	76	1.12	4%	0
004.07	Fiber, Crude, ANKOM (%)	0003	3.980	0.1000	3.652	0.2804	0.1607	76	1.17	4%	0
004.07	Fiber, Crude, ANKOM (%)	2302	3.985	0.0100	3.652	0.2804	0.1607	76	1.19	5%	0
004.07	Fiber, Crude, ANKOM (%)	0914	4.000	0.2000	3.652	0.2804	0.1607	76	1.24	5%	0
004.07	Fiber, Crude, ANKOM (%)	0160	4.050	0.7000	3.652	0.2804	0.1607	76	1.42	5%	0
004.07	Fiber, Crude, ANKOM (%)	0968	4.105	0.6100	3.652	0.2804	0.1607	76	1.62	6%	0
004.07	Fiber, Crude, ANKOM (%)	0520	4.190	0.1600	3.652	0.2804	0.1607	76	1.92	7%	0
004.07	Fiber, Crude, ANKOM (%)	0263	4.201	0.0540	3.652	0.2804	0.1607	76	1.96	8%	0
004.07	Fiber, Crude, ANKOM (%)	0045	4.425	0.2900	3.652	0.2804	0.1607	76	2.76	11%	0
004.07	Fiber, Crude, ANKOM (%)	0042	4.450	0.6800	3.652	0.2804	0.1607	76	2.85	11%	0
004.07	Fiber, Crude, ANKOM (%)	0226	4.510	0.1000	3.652	0.2804	0.1607	76	3.06	12%	0
004.07	Fiber, Crude, ANKOM (%)	0098	3.790	1.460	3.652	0.2804	0.1607	76	0.49	2%	1
004.07	Fiber, Crude, ANKOM (%)	2345	3.900	1.400	3.652	0.2804	0.1607	76	0.89	3%	1
004.11	Fiber, Crude, NIR (%)	0889	2.955	0.0900	3.801	0.6469	0.0417	6	-1.31	11%	0
004.11	Fiber, Crude, NIR (%)	2290	3.400	0.0000	3.801	0.6469	0.0417	6	-0.62	5%	0
004.11	Fiber, Crude, NIR (%)	2105	3.845	0.0500	3.801	0.6469	0.0417	6	0.07	1%	0
004.11	Fiber, Crude, NIR (%)	0553	3.945	0.0500	3.801	0.6469	0.0417	6	0.22	2%	0
004.11	Fiber, Crude, NIR (%)	0885	4.040	0.0600	3.801	0.6469	0.0417	6	0.37	3%	0
004.11	Fiber, Crude, NIR (%)	2302	4.620	0.0000	3.801	0.6469	0.0417	6	1.27	11%	0
004.99	Fiber, Crude, Miscellaneous (%)	2144	3.479	0.0400				2			0
004.99	Fiber, Crude, Miscellaneous (%)	2129	4.447	0.2960				2			0
005.00	Ash, 2h @ 600°C (%)	1019	4.150	0.0000	4.872	0.2120	0.0846	84	-3.40	7%	0
005.00	Ash, 2h @ 600°C (%)	0278	4.360	0.1800	4.872	0.2120	0.0846	84	-2.41	5%	0
005.00	Ash, 2h @ 600°C (%)	0169	4.425	0.0100	4.872	0.2120	0.0846	84	-2.11	5%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
005.00	Ash, 2h @ 600°C (%)	0651	4.532	0.0231	4.872	0.2120	0.0846	84	-1.60	3%	0
005.00	Ash, 2h @ 600°C (%)	0574	4.540	0.0000	4.872	0.2120	0.0846	84	-1.57	3%	0
005.00	Ash, 2h @ 600°C (%)	0539	4.555	0.1300	4.872	0.2120	0.0846	84	-1.50	3%	0
005.00	Ash, 2h @ 600°C (%)	0693	4.585	0.1200	4.872	0.2120	0.0846	84	-1.35	3%	0
005.00	Ash, 2h @ 600°C (%)	0622	4.586	0.0621	4.872	0.2120	0.0846	84	-1.35	3%	0
005.00	Ash, 2h @ 600°C (%)	0953	4.595	0.1300	4.872	0.2120	0.0846	84	-1.31	3%	0
005.00	Ash, 2h @ 600°C (%)	0357	4.600	0.0000	4.872	0.2120	0.0846	84	-1.28	3%	0
005.00	Ash, 2h @ 600°C (%)	0682	4.610	0.0000	4.872	0.2120	0.0846	84	-1.24	3%	0
005.00	Ash, 2h @ 600°C (%)	0049	4.620	0.0800	4.872	0.2120	0.0846	84	-1.19	3%	0
005.00	Ash, 2h @ 600°C (%)	0142	4.640	0.3000	4.872	0.2120	0.0846	84	-1.09	2%	0
005.00	Ash, 2h @ 600°C (%)	2349	4.645	0.1500	4.872	0.2120	0.0846	84	-1.07	2%	0
005.00	Ash, 2h @ 600°C (%)	2359	4.650	0.1000	4.872	0.2120	0.0846	84	-1.05	2%	0
005.00	Ash, 2h @ 600°C (%)	0541	4.670	0.3400	4.872	0.2120	0.0846	84	-0.95	2%	0
005.00	Ash, 2h @ 600°C (%)	0650	4.675	0.0700	4.872	0.2120	0.0846	84	-0.93	2%	0
005.00	Ash, 2h @ 600°C (%)	0004	4.705	0.1300	4.872	0.2120	0.0846	84	-0.79	2%	0
005.00	Ash, 2h @ 600°C (%)	2340	4.724	0.0170	4.872	0.2120	0.0846	84	-0.70	2%	0
005.00	Ash, 2h @ 600°C (%)	0505	4.725	0.0100	4.872	0.2120	0.0846	84	-0.69	2%	0
005.00	Ash, 2h @ 600°C (%)	0027	4.729	0.0100	4.872	0.2120	0.0846	84	-0.67	1%	0
005.00	Ash, 2h @ 600°C (%)	0598	4.730	0.0000	4.872	0.2120	0.0846	84	-0.67	1%	0
005.00	Ash, 2h @ 600°C (%)	2199	4.750	0.1000	4.872	0.2120	0.0846	84	-0.58	1%	0
005.00	Ash, 2h @ 600°C (%)	0042	4.770	0.2000	4.872	0.2120	0.0846	84	-0.48	1%	0
005.00	Ash, 2h @ 600°C (%)	2188	4.770	0.0400	4.872	0.2120	0.0846	84	-0.48	1%	0
005.00	Ash, 2h @ 600°C (%)	2022	4.780	0.0000	4.872	0.2120	0.0846	84	-0.43	1%	0
005.00	Ash, 2h @ 600°C (%)	0309	4.781	0.0330	4.872	0.2120	0.0846	84	-0.43	1%	0
005.00	Ash, 2h @ 600°C (%)	0589	4.785	0.0500	4.872	0.2120	0.0846	84	-0.41	1%	0
005.00	Ash, 2h @ 600°C (%)	0870	4.787	0.2951	4.872	0.2120	0.0846	84	-0.40	1%	0
005.00	Ash, 2h @ 600°C (%)	0520	4.790	0.1800	4.872	0.2120	0.0846	84	-0.39	1%	0
005.00	Ash, 2h @ 600°C (%)	2196	4.800	0.0000	4.872	0.2120	0.0846	84	-0.34	1%	0
005.00	Ash, 2h @ 600°C (%)	0226	4.805	0.1900	4.872	0.2120	0.0846	84	-0.32	1%	0
005.00	Ash, 2h @ 600°C (%)	0144	4.810	0.0600	4.872	0.2120	0.0846	84	-0.29	1%	0
005.00	Ash, 2h @ 600°C (%)	0358	4.815	0.0100	4.872	0.2120	0.0846	84	-0.27	1%	0
005.00	Ash, 2h @ 600°C (%)	0001	4.825	0.0430	4.872	0.2120	0.0846	84	-0.22	0%	0
005.00	Ash, 2h @ 600°C (%)	0918	4.835	0.2100	4.872	0.2120	0.0846	84	-0.17	0%	0
005.00	Ash, 2h @ 600°C (%)	0164	4.845	0.1100	4.872	0.2120	0.0846	84	-0.13	0%	0
005.00	Ash, 2h @ 600°C (%)	0646	4.850	0.1400	4.872	0.2120	0.0846	84	-0.10	0%	0
005.00	Ash, 2h @ 600°C (%)	0876	4.850	0.1000	4.872	0.2120	0.0846	84	-0.10	0%	0
005.00	Ash, 2h @ 600°C (%)	0956	4.850	0.3000	4.872	0.2120	0.0846	84	-0.10	0%	0
005.00	Ash, 2h @ 600°C (%)	0618	4.851	0.0630	4.872	0.2120	0.0846	84	-0.10	0%	0
005.00	Ash, 2h @ 600°C (%)	2006	4.860	0.0400	4.872	0.2120	0.0846	84	-0.06	0%	0
005.00	Ash, 2h @ 600°C (%)	0045	4.865	0.2100	4.872	0.2120	0.0846	84	-0.03	0%	0
005.00	Ash, 2h @ 600°C (%)	0047	4.900	0.2000	4.872	0.2120	0.0846	84	0.13	0%	0
005.00	Ash, 2h @ 600°C (%)	0366	4.900	0.2000	4.872	0.2120	0.0846	84	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			
005.00	Ash, 2h @ 600°C (%)	0853	4.900	0.0000	4.872	0.2120	0.0846	84	0.13	0%	0
005.00	Ash, 2h @ 600°C (%)	2302	4.905	0.2100	4.872	0.2120	0.0846	84	0.16	0%	0
005.00	Ash, 2h @ 600°C (%)	0148	4.910	0.0200	4.872	0.2120	0.0846	84	0.18	0%	0
005.00	Ash, 2h @ 600°C (%)	0407	4.928	0.0218	4.872	0.2120	0.0846	84	0.27	1%	0
005.00	Ash, 2h @ 600°C (%)	0160	4.940	0.2800	4.872	0.2120	0.0846	84	0.32	1%	0
005.00	Ash, 2h @ 600°C (%)	2325	4.940	0.0400	4.872	0.2120	0.0846	84	0.32	1%	0
005.00	Ash, 2h @ 600°C (%)	0553	4.960	0.0200	4.872	0.2120	0.0846	84	0.41	1%	0
005.00	Ash, 2h @ 600°C (%)	2076	4.968	0.0415	4.872	0.2120	0.0846	84	0.45	1%	0
005.00	Ash, 2h @ 600°C (%)	0563	4.973	0.0017	4.872	0.2120	0.0846	84	0.48	1%	0
005.00	Ash, 2h @ 600°C (%)	0529	4.975	0.2500	4.872	0.2120	0.0846	84	0.49	1%	0
005.00	Ash, 2h @ 600°C (%)	0033	4.980	0.0600	4.872	0.2120	0.0846	84	0.51	1%	0
005.00	Ash, 2h @ 600°C (%)	0504	4.980	0.1600	4.872	0.2120	0.0846	84	0.51	1%	0
005.00	Ash, 2h @ 600°C (%)	0968	4.980	0.0200	4.872	0.2120	0.0846	84	0.51	1%	0
005.00	Ash, 2h @ 600°C (%)	2150	4.980	0.0200	4.872	0.2120	0.0846	84	0.51	1%	0
005.00	Ash, 2h @ 600°C (%)	2259	4.994	0.0030	4.872	0.2120	0.0846	84	0.57	1%	0
005.00	Ash, 2h @ 600°C (%)	0643	5.000	0.0400	4.872	0.2120	0.0846	84	0.60	1%	0
005.00	Ash, 2h @ 600°C (%)	2337	5.015	0.0100	4.872	0.2120	0.0846	84	0.67	1%	0
005.00	Ash, 2h @ 600°C (%)	0100	5.025	0.0500	4.872	0.2120	0.0846	84	0.72	2%	0
005.00	Ash, 2h @ 600°C (%)	2181	5.025	0.0100	4.872	0.2120	0.0846	84	0.72	2%	0
005.00	Ash, 2h @ 600°C (%)	0354	5.026	0.0120	4.872	0.2120	0.0846	84	0.73	2%	0
005.00	Ash, 2h @ 600°C (%)	0035	5.030	0.0400	4.872	0.2120	0.0846	84	0.75	2%	0
005.00	Ash, 2h @ 600°C (%)	0083	5.030	0.0400	4.872	0.2120	0.0846	84	0.75	2%	0
005.00	Ash, 2h @ 600°C (%)	0656	5.030	0.0000	4.872	0.2120	0.0846	84	0.75	2%	0
005.00	Ash, 2h @ 600°C (%)	0880	5.045	0.0100	4.872	0.2120	0.0846	84	0.82	2%	0
005.00	Ash, 2h @ 600°C (%)	0265	5.050	0.1000	4.872	0.2120	0.0846	84	0.84	2%	0
005.00	Ash, 2h @ 600°C (%)	0098	5.050	0.1400	4.872	0.2120	0.0846	84	0.84	2%	0
005.00	Ash, 2h @ 600°C (%)	2193	5.055	0.1700	4.872	0.2120	0.0846	84	0.86	2%	0
005.00	Ash, 2h @ 600°C (%)	0242	5.080	0.0600	4.872	0.2120	0.0846	84	0.98	2%	0
005.00	Ash, 2h @ 600°C (%)	0674	5.120	0.0000	4.872	0.2120	0.0846	84	1.17	3%	0
005.00	Ash, 2h @ 600°C (%)	0948	5.125	0.0500	4.872	0.2120	0.0846	84	1.19	3%	0
005.00	Ash, 2h @ 600°C (%)	0017	5.150	0.1000	4.872	0.2120	0.0846	84	1.31	3%	0
005.00	Ash, 2h @ 600°C (%)	0345	5.150	0.0400	4.872	0.2120	0.0846	84	1.31	3%	0
005.00	Ash, 2h @ 600°C (%)	0353	5.160	0.0800	4.872	0.2120	0.0846	84	1.36	3%	0
005.00	Ash, 2h @ 600°C (%)	0848	5.165	0.0300	4.872	0.2120	0.0846	84	1.38	3%	0
005.00	Ash, 2h @ 600°C (%)	0675	5.170	0.0200	4.872	0.2120	0.0846	84	1.41	3%	0
005.00	Ash, 2h @ 600°C (%)	0425	5.180	0.0800	4.872	0.2120	0.0846	84	1.45	3%	0
005.00	Ash, 2h @ 600°C (%)	0062	5.250	0.2200	4.872	0.2120	0.0846	84	1.78	4%	0
005.00	Ash, 2h @ 600°C (%)	2089	5.325	0.0100	4.872	0.2120	0.0846	84	2.14	5%	0
005.00	Ash, 2h @ 600°C (%)	0510	5.425	0.0100	4.872	0.2120	0.0846	84	2.61	6%	0
005.00	Ash, 2h @ 600°C (%)	0229	4.540	0.4600	4.872	0.2120	0.0846	84	-1.57	3%	1
005.00	Ash, 2h @ 600°C (%)	0108	5.035	0.5500	4.872	0.2120	0.0846	84	0.77	2%	1
005.00	Ash, 2h @ 600°C (%)	2268	15.16	0.0400	4.872	0.2120	0.0846	84	48.52	106%	2

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			
005.02	Ash, LECO (%)	0644	5.179	0.0280				1			0
005.03	Ash, Microwave furnace (%)	0511	4.650	0.1000				2			0
005.03	Ash, Microwave furnace (%)	0912	5.100	0.0000				2			0
005.05	Ash, 3h @ 550°C (%)	0726	4.580	0.1400	5.047	0.1693	0.0552	24	-2.75	5%	0
005.05	Ash, 3h @ 550°C (%)	0038	4.720	0.0200	5.047	0.1693	0.0552	24	-1.93	3%	0
005.05	Ash, 3h @ 550°C (%)	0003	4.725	0.0500	5.047	0.1693	0.0552	24	-1.90	3%	0
005.05	Ash, 3h @ 550°C (%)	0066	4.775	0.0700	5.047	0.1693	0.0552	24	-1.60	3%	0
005.05	Ash, 3h @ 550°C (%)	0889	4.870	0.1000	5.047	0.1693	0.0552	24	-1.04	2%	0
005.05	Ash, 3h @ 550°C (%)	0263	4.934	0.0240	5.047	0.1693	0.0552	24	-0.66	1%	0
005.05	Ash, 3h @ 550°C (%)	0692	5.000	0.0600	5.047	0.1693	0.0552	24	-0.27	0%	0
005.05	Ash, 3h @ 550°C (%)	2009	5.000	0.0349	5.047	0.1693	0.0552	24	-0.27	0%	0
005.05	Ash, 3h @ 550°C (%)	2246	5.025	0.0100	5.047	0.1693	0.0552	24	-0.13	0%	0
005.05	Ash, 3h @ 550°C (%)	0294	5.050	0.1000	5.047	0.1693	0.0552	24	0.02	0%	0
005.05	Ash, 3h @ 550°C (%)	0689	5.060	0.0000	5.047	0.1693	0.0552	24	0.08	0%	0
005.05	Ash, 3h @ 550°C (%)	0034	5.085	0.0731	5.047	0.1693	0.0552	24	0.23	0%	0
005.05	Ash, 3h @ 550°C (%)	0941	5.090	0.0600	5.047	0.1693	0.0552	24	0.26	0%	0
005.05	Ash, 3h @ 550°C (%)	0939	5.095	0.0300	5.047	0.1693	0.0552	24	0.29	0%	0
005.05	Ash, 3h @ 550°C (%)	2192	5.105	0.1700	5.047	0.1693	0.0552	24	0.35	1%	0
005.05	Ash, 3h @ 550°C (%)	0590	5.110	0.0400	5.047	0.1693	0.0552	24	0.37	1%	0
005.05	Ash, 3h @ 550°C (%)	2109	5.110	0.0600	5.047	0.1693	0.0552	24	0.37	1%	0
005.05	Ash, 3h @ 550°C (%)	0190	5.135	0.0900	5.047	0.1693	0.0552	24	0.52	1%	0
005.05	Ash, 3h @ 550°C (%)	0610	5.145	0.0700	5.047	0.1693	0.0552	24	0.58	1%	0
005.05	Ash, 3h @ 550°C (%)	2129	5.169	0.0100	5.047	0.1693	0.0552	24	0.72	1%	0
005.05	Ash, 3h @ 550°C (%)	0596	5.200	0.0000	5.047	0.1693	0.0552	24	0.91	2%	0
005.05	Ash, 3h @ 550°C (%)	0885	5.226	0.0181	5.047	0.1693	0.0552	24	1.06	2%	0
005.05	Ash, 3h @ 550°C (%)	2144	5.236	0.0140	5.047	0.1693	0.0552	24	1.12	2%	0
005.05	Ash, 3h @ 550°C (%)	0685	5.450	0.0800	5.047	0.1693	0.0552	24	2.38	4%	0
005.05	Ash, 3h @ 550°C (%)	2345	4.800	0.4800	5.047	0.1693	0.0552	24	-1.46	2%	1
005.05	Ash, 3h @ 550°C (%)	2190	5.125	0.4300	5.047	0.1693	0.0552	24	0.46	1%	1
005.11	Ash, NIR (%)	2302	3.710	0.0000	5.320	1.578	0.0800	6	-1.02	15%	0
005.11	Ash, NIR (%)	2290	4.450	0.3000	5.320	1.578	0.0800	6	-0.55	8%	0
005.11	Ash, NIR (%)	2389	4.600	0.0000	5.320	1.578	0.0800	6	-0.46	7%	0
005.11	Ash, NIR (%)	2105	5.605	0.1100	5.320	1.578	0.0800	6	0.18	3%	0
005.11	Ash, NIR (%)	0885	5.915	0.0500	5.320	1.578	0.0800	6	0.38	6%	0
005.11	Ash, NIR (%)	0889	7.640	0.0200	5.320	1.578	0.0800	6	1.47	22%	0
005.99	Ash, Miscellaneous (%)	2081	3.930	0.0200	5.061	0.2587	0.0976	13	-4.37	11%	0
005.99	Ash, Miscellaneous (%)	0644	4.636	0.1190	5.061	0.2587	0.0976	13	-1.64	4%	0
005.99	Ash, Miscellaneous (%)	0546	4.900	0.0200	5.061	0.2587	0.0976	13	-0.62	2%	0
005.99	Ash, Miscellaneous (%)	0728	4.925	0.2300	5.061	0.2587	0.0976	13	-0.52	1%	0
005.99	Ash, Miscellaneous (%)	0019	5.000	0.0000	5.061	0.2587	0.0976	13	-0.23	1%	0
005.99	Ash, Miscellaneous (%)	0910	5.000	0.2000	5.061	0.2587	0.0976	13	-0.23	1%	0
005.99	Ash, Miscellaneous (%)	0676	5.125	0.0500	5.061	0.2587	0.0976	13	0.25	1%	0

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005.99	Ash, Miscellaneous (%)	0202	5.150	0.1400	5.061	0.2587	0.0976	13	0.35	1%	0
005.99	Ash, Miscellaneous (%)	0914	5.195	0.0700	5.061	0.2587	0.0976	13	0.52	1%	0
005.99	Ash, Miscellaneous (%)	0652	5.200	0.2000	5.061	0.2587	0.0976	13	0.54	1%	0
005.99	Ash, Miscellaneous (%)	0884	5.250	0.1000	5.061	0.2587	0.0976	13	0.73	2%	0
005.99	Ash, Miscellaneous (%)	2319	5.250	0.1000	5.061	0.2587	0.0976	13	0.73	2%	0
005.99	Ash, Miscellaneous (%)	0536	5.720	0.0200	5.061	0.2587	0.0976	13	2.55	7%	0
006.00	Total Sugars, As sucrose (%)	0910	3.335	0.5700	4.036	0.6047	0.2490	4			0
006.00	Total Sugars, As sucrose (%)	2319	3.950	0.3000	4.036	0.6047	0.2490	4			0
006.00	Total Sugars, As sucrose (%)	0407	4.049	0.1170	4.036	0.6047	0.2490	4			0
006.00	Total Sugars, As sucrose (%)	0885	4.809	0.0089	4.036	0.6047	0.2490	4			0
006.99	Total Sugars, Miscellaneous (%)	0918	2.100	0.0000	3.975	1.517	0.1475	8	-1.24	24%	0
006.99	Total Sugars, Miscellaneous (%)	0148	2.480	0.1200	3.975	1.517	0.1475	8	-0.99	19%	0
006.99	Total Sugars, Miscellaneous (%)	2290	3.150	0.1000	3.975	1.517	0.1475	8	-0.54	10%	0
006.99	Total Sugars, Miscellaneous (%)	0956	3.900	0.0000	3.975	1.517	0.1475	8	-0.05	1%	0
006.99	Total Sugars, Miscellaneous (%)	0610	4.180	0.1600	3.975	1.517	0.1475	8	0.14	3%	0
006.99	Total Sugars, Miscellaneous (%)	0912	4.750	0.1000	3.975	1.517	0.1475	8	0.51	10%	0
006.99	Total Sugars, Miscellaneous (%)	0066	5.485	0.5100	3.975	1.517	0.1475	8	1.00	19%	0
006.99	Total Sugars, Miscellaneous (%)	0226	5.755	0.1900	3.975	1.517	0.1475	8	1.17	22%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0676	4.520	0.3800	5.155	0.4335	0.1424	12	-1.47	6%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0098	4.610	0.3800	5.155	0.4335	0.1424	12	-1.26	5%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0345	4.680	0.1400	5.155	0.4335	0.1424	12	-1.10	5%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0226	5.085	0.1100	5.155	0.4335	0.1424	12	-0.16	1%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0353	5.100	0.1800	5.155	0.4335	0.1424	12	-0.13	1%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0948	5.230	0.0200	5.155	0.4335	0.1424	12	0.17	1%	0
008.02	Fiber, Acid Detergent, Crucible (%)	2246	5.272	0.1207	5.155	0.4335	0.1424	12	0.27	1%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0309	5.321	0.0184	5.155	0.4335	0.1424	12	0.38	2%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0148	5.370	0.2600	5.155	0.4335	0.1424	12	0.50	2%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0674	5.420	0.0000	5.155	0.4335	0.1424	12	0.61	3%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0689	5.450	0.1000	5.155	0.4335	0.1424	12	0.68	3%	0
008.02	Fiber, Acid Detergent, Crucible (%)	2192	5.900	0.0000	5.155	0.4335	0.1424	12	1.72	7%	0
008.05	Fiber, Acid Detergent, Acid Detergent-Hach (%)	0265	5.195	0.3900				1			0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0656	2.310	0.0000	5.045	0.4022	0.2504	43	-6.80	27%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0939	4.215	0.1900	5.045	0.4022	0.2504	43	-2.06	8%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0294	4.300	0.0000	5.045	0.4022	0.2504	43	-1.85	7%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0968	4.440	0.0600	5.045	0.4022	0.2504	43	-1.50	6%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2302	4.440	0.1600	5.045	0.4022	0.2504	43	-1.50	6%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0889	4.605	0.0900	5.045	0.4022	0.2504	43	-1.09	4%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0358	4.740	0.3800	5.045	0.4022	0.2504	43	-0.76	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0675	4.740	0.0200	5.045	0.4022	0.2504	43	-0.76	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0956	4.750	0.3000	5.045	0.4022	0.2504	43	-0.73	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0910	4.755	0.9300	5.045	0.4022	0.2504	43	-0.72	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2375	4.785	0.0300	5.045	0.4022	0.2504	43	-0.65	3%	0

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008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0004	4.845	0.0900	5.045	0.4022	0.2504	43	-0.50	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0190	4.865	0.0900	5.045	0.4022	0.2504	43	-0.45	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0726	4.865	0.0900	5.045	0.4022	0.2504	43	-0.45	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0912	4.875	0.2300	5.045	0.4022	0.2504	43	-0.42	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0848	4.910	0.2600	5.045	0.4022	0.2504	43	-0.34	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0918	4.910	0.4800	5.045	0.4022	0.2504	43	-0.34	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0001	4.957	0.4290	5.045	0.4022	0.2504	43	-0.22	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2190	4.975	0.3500	5.045	0.4022	0.2504	43	-0.17	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0885	4.976	0.0967	5.045	0.4022	0.2504	43	-0.17	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0083	4.985	0.1500	5.045	0.4022	0.2504	43	-0.15	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0870	4.988	0.2376	5.045	0.4022	0.2504	43	-0.14	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0042	5.075	0.2500	5.045	0.4022	0.2504	43	0.07	0%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2129	5.091	0.4400	5.045	0.4022	0.2504	43	0.11	0%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0049	5.140	0.1200	5.045	0.4022	0.2504	43	0.24	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0160	5.150	0.2600	5.045	0.4022	0.2504	43	0.26	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0511	5.150	0.3000	5.045	0.4022	0.2504	43	0.26	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0354	5.170	0.0400	5.045	0.4022	0.2504	43	0.31	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0066	5.180	0.2200	5.045	0.4022	0.2504	43	0.34	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2196	5.200	0.0000	5.045	0.4022	0.2504	43	0.39	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2345	5.290	0.6600	5.045	0.4022	0.2504	43	0.61	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0278	5.300	0.4000	5.045	0.4022	0.2504	43	0.63	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0037	5.305	0.0900	5.045	0.4022	0.2504	43	0.65	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0504	5.315	0.7900	5.045	0.4022	0.2504	43	0.67	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0510	5.350	0.1000	5.045	0.4022	0.2504	43	0.76	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0693	5.384	0.2650	5.045	0.4022	0.2504	43	0.84	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0035	5.450	0.0400	5.045	0.4022	0.2504	43	1.01	4%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0148	5.515	0.5900	5.045	0.4022	0.2504	43	1.17	5%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0407	5.540	0.5192	5.045	0.4022	0.2504	43	1.23	5%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0646	5.765	0.2300	5.045	0.4022	0.2504	43	1.79	7%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0536	6.245	0.0900	5.045	0.4022	0.2504	43	2.98	12%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0357	6.730	0.4000	5.045	0.4022	0.2504	43	4.19	17%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0164	7.550	0.3000	5.045	0.4022	0.2504	43	6.23	25%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0045	8.955	7.290	5.045	0.4022	0.2504	43	9.72	39%	1
008.99	Fiber, Acid Detergent, Miscellaneous (%)	0027	5.148	0.0560				3			0
008.99	Fiber, Acid Detergent, Miscellaneous (%)	0610	5.635	0.2700				3			0
008.99	Fiber, Acid Detergent, Miscellaneous (%)	2290	5.750	0.1000				3			0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0910	12.20	0.4000	15.05	1.426	0.3040	13	-2.00	9%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0353	13.30	0.4500	15.05	1.426	0.3040	13	-1.23	6%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0676	13.74	0.8800	15.05	1.426	0.3040	13	-0.92	4%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0226	14.58	0.4200	15.05	1.426	0.3040	13	-0.33	2%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0098	14.85	0.1000	15.05	1.426	0.3040	13	-0.14	1%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0309	14.96	0.0050	15.05	1.426	0.3040	13	-0.06	0%	0

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009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0948	14.99	0.1500	15.05	1.426	0.3040	13	-0.05	0%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0674	15.05	0.0000	15.05	1.426	0.3040	13	0.00	0%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	2192	15.40	0.0000	15.05	1.426	0.3040	13	0.24	1%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0689	15.80	0.4000	15.05	1.426	0.3040	13	0.52	2%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0610	16.20	0.2000	15.05	1.426	0.3040	13	0.81	4%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	2246	16.71	0.4472	15.05	1.426	0.3040	13	1.16	6%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0345	21.75	0.5000	15.05	1.426	0.3040	13	4.70	22%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0294	11.80	0.0000	13.75	0.6638	0.2451	40	-2.93	7%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0358	12.72	0.2600	13.75	0.6638	0.2451	40	-1.55	4%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0656	12.88	0.0000	13.75	0.6638	0.2451	40	-1.31	3%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0160	13.10	0.6000	13.75	0.6638	0.2451	40	-0.97	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	2375	13.10	0.2200	13.75	0.6638	0.2451	40	-0.97	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0912	13.11	0.1700	13.75	0.6638	0.2451	40	-0.97	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0675	13.12	0.0900	13.75	0.6638	0.2451	40	-0.95	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	2302	13.13	0.0400	13.75	0.6638	0.2451	40	-0.93	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0190	13.14	0.3500	13.75	0.6638	0.2451	40	-0.92	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0726	13.14	0.3500	13.75	0.6638	0.2451	40	-0.92	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0939	13.16	0.0400	13.75	0.6638	0.2451	40	-0.88	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0598	13.34	0.0600	13.75	0.6638	0.2451	40	-0.61	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	2190	13.39	0.4000	13.75	0.6638	0.2451	40	-0.54	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0956	13.40	0.0000	13.75	0.6638	0.2451	40	-0.52	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0885	13.49	0.0120	13.75	0.6638	0.2451	40	-0.39	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0646	13.54	0.0300	13.75	0.6638	0.2451	40	-0.32	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0049	13.55	0.1400	13.75	0.6638	0.2451	40	-0.30	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0278	13.55	0.7000	13.75	0.6638	0.2451	40	-0.30	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0357	13.56	0.1800	13.75	0.6638	0.2451	40	-0.28	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0035	13.61	0.3600	13.75	0.6638	0.2451	40	-0.21	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0504	13.69	0.1700	13.75	0.6638	0.2451	40	-0.09	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0083	13.88	0.0300	13.75	0.6638	0.2451	40	0.19	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	2129	13.90	0.3590	13.75	0.6638	0.2451	40	0.23	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0870	13.92	0.4048	13.75	0.6638	0.2451	40	0.26	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0164	14.05	0.1000	13.75	0.6638	0.2451	40	0.46	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0918	14.07	0.3200	13.75	0.6638	0.2451	40	0.49	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0148	14.08	0.0000	13.75	0.6638	0.2451	40	0.50	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0968	14.12	0.0900	13.75	0.6638	0.2451	40	0.55	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0066	14.18	0.2600	13.75	0.6638	0.2451	40	0.65	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0263	14.21	0.2000	13.75	0.6638	0.2451	40	0.69	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0536	14.34	0.0600	13.75	0.6638	0.2451	40	0.89	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	2345	14.35	0.6900	13.75	0.6638	0.2451	40	0.90	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0265	14.35	0.5000	13.75	0.6638	0.2451	40	0.91	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0037	14.37	0.2100	13.75	0.6638	0.2451	40	0.93	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0693	14.40	1.010	13.75	0.6638	0.2451	40	0.98	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			
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0407	14.48	0.8600	13.75	0.6638	0.2451	40	1.10	3%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0510	14.60	0.0000	13.75	0.6638	0.2451	40	1.29	3%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0848	14.65	0.4400	13.75	0.6638	0.2451	40	1.36	3%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0045	14.85	0.1000	13.75	0.6638	0.2451	40	1.66	4%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	2196	14.93	0.0000	13.75	0.6638	0.2451	40	1.78	4%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0354	13.43	2.170	13.75	0.6638	0.2451	40	-0.49	1%	1
009.99	Fiber, Neutral Detergent, Miscellaneous (%)	2290	14.50	0.2000				3			0
009.99	Fiber, Neutral Detergent, Miscellaneous (%)	0889	15.32	0.2600				3			0
009.99	Fiber, Neutral Detergent, Miscellaneous (%)	2246	15.77	0.0992				3			0
010.03	Moisture, Karl-Fischer (%)	0164	12.00	0.1600				2			0
010.03	Moisture, Karl-Fischer (%)	0843	12.56	0.1000				2			0
010.11	Moisture, NIR (%)	0889	10.87	0.0000	11.92	0.8189	0.0280	5			0
010.11	Moisture, NIR (%)	2290	11.42	0.0300	11.92	0.8189	0.0280	5			0
010.11	Moisture, NIR (%)	0885	11.85	0.0500	11.92	0.8189	0.0280	5			0
010.11	Moisture, NIR (%)	0553	12.67	0.0400	11.92	0.8189	0.0280	5			0
010.11	Moisture, NIR (%)	2105	12.79	0.0200	11.92	0.8189	0.0280	5			0
010.99	Moisture, Miscellaneous (%)	2076	9.760	0.4000	11.73	0.3912	0.1533	16	-5.04	8%	0
010.99	Moisture, Miscellaneous (%)	0546	11.21	0.0500	11.73	0.3912	0.1533	16	-1.35	2%	0
010.99	Moisture, Miscellaneous (%)	2129	11.30	0.4640	11.73	0.3912	0.1533	16	-1.11	2%	0
010.99	Moisture, Miscellaneous (%)	0622	11.33	0.0186	11.73	0.3912	0.1533	16	-1.03	2%	0
010.99	Moisture, Miscellaneous (%)	2375	11.64	0.0000	11.73	0.3912	0.1533	16	-0.24	0%	0
010.99	Moisture, Miscellaneous (%)	0948	11.66	0.0000	11.73	0.3912	0.1533	16	-0.19	0%	0
010.99	Moisture, Miscellaneous (%)	2089	11.71	0.0100	11.73	0.3912	0.1533	16	-0.07	0%	0
010.99	Moisture, Miscellaneous (%)	2178	11.75	0.7400	11.73	0.3912	0.1533	16	0.04	0%	0
010.99	Moisture, Miscellaneous (%)	0939	11.79	0.0300	11.73	0.3912	0.1533	16	0.13	0%	0
010.99	Moisture, Miscellaneous (%)	0726	11.84	0.0600	11.73	0.3912	0.1533	16	0.27	0%	0
010.99	Moisture, Miscellaneous (%)	0692	11.90	0.3200	11.73	0.3912	0.1533	16	0.43	1%	0
010.99	Moisture, Miscellaneous (%)	0652	11.95	0.1000	11.73	0.3912	0.1533	16	0.55	1%	0
010.99	Moisture, Miscellaneous (%)	0019	12.00	0.0000	11.73	0.3912	0.1533	16	0.68	1%	0
010.99	Moisture, Miscellaneous (%)	2150	12.01	0.0300	11.73	0.3912	0.1533	16	0.69	1%	0
010.99	Moisture, Miscellaneous (%)	0884	12.20	0.2000	11.73	0.3912	0.1533	16	1.19	2%	0
010.99	Moisture, Miscellaneous (%)	0190	12.57	0.0300	11.73	0.3912	0.1533	16	2.13	4%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0062	10.38	0.1600	12.51	0.4544	0.0996	67	-4.69	9%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0685	10.59	0.1400	12.51	0.4544	0.0996	67	-4.23	8%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0848	10.83	0.0100	12.51	0.4544	0.0996	67	-3.71	7%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2199	11.20	0.0000	12.51	0.4544	0.0996	67	-2.89	5%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2200	11.25	0.3000	12.51	0.4544	0.0996	67	-2.78	5%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0520	11.54	0.0600	12.51	0.4544	0.0996	67	-2.14	4%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2188	11.78	0.0000	12.51	0.4544	0.0996	67	-1.61	3%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	1019	11.81	0.0700	12.51	0.4544	0.0996	67	-1.56	3%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2359	11.90	0.2000	12.51	0.4544	0.0996	67	-1.35	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2340	11.92	0.0110	12.51	0.4544	0.0996	67	-1.30	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			
011.01	Loss on Drying, HT, 135°C 2hr (%)	0563	11.93	0.0932	12.51	0.4544	0.0996	67	-1.27	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2325	11.97	0.1000	12.51	0.4544	0.0996	67	-1.19	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0354	11.97	0.0200	12.51	0.4544	0.0996	67	-1.19	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0618	12.09	0.0100	12.51	0.4544	0.0996	67	-0.94	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2302	12.26	0.0200	12.51	0.4544	0.0996	67	-0.55	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0226	12.28	0.0100	12.51	0.4544	0.0996	67	-0.52	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0265	12.30	0.0000	12.51	0.4544	0.0996	67	-0.47	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0510	12.30	0.0000	12.51	0.4544	0.0996	67	-0.47	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0674	12.35	0.0000	12.51	0.4544	0.0996	67	-0.36	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2174	12.39	0.2100	12.51	0.4544	0.0996	67	-0.28	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2181	12.41	0.1100	12.51	0.4544	0.0996	67	-0.23	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2193	12.41	0.0500	12.51	0.4544	0.0996	67	-0.23	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0953	12.41	0.0200	12.51	0.4544	0.0996	67	-0.22	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2168	12.42	0.2100	12.51	0.4544	0.0996	67	-0.21	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2006	12.43	0.0200	12.51	0.4544	0.0996	67	-0.18	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0047	12.45	0.5000	12.51	0.4544	0.0996	67	-0.14	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2196	12.45	0.0000	12.51	0.4544	0.0996	67	-0.14	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2337	12.46	0.0100	12.51	0.4544	0.0996	67	-0.12	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0511	12.46	0.0000	12.51	0.4544	0.0996	67	-0.11	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0598	12.48	0.0300	12.51	0.4544	0.0996	67	-0.08	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0646	12.50	0.1200	12.51	0.4544	0.0996	67	-0.03	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0651	12.51	0.0703	12.51	0.4544	0.0996	67	-0.01	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2073	12.54	0.1700	12.51	0.4544	0.0996	67	0.05	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0675	12.54	0.0200	12.51	0.4544	0.0996	67	0.06	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0263	12.55	0.2320	12.51	0.4544	0.0996	67	0.09	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0574	12.58	0.0100	12.51	0.4544	0.0996	67	0.14	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0100	12.58	0.1000	12.51	0.4544	0.0996	67	0.15	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0968	12.58	0.0200	12.51	0.4544	0.0996	67	0.15	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0309	12.59	0.1600	12.51	0.4544	0.0996	67	0.17	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0066	12.60	0.1200	12.51	0.4544	0.0996	67	0.19	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0539	12.62	0.1100	12.51	0.4544	0.0996	67	0.23	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0622	12.63	0.0603	12.51	0.4544	0.0996	67	0.27	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0643	12.65	0.0100	12.51	0.4544	0.0996	67	0.29	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0098	12.67	0.0900	12.51	0.4544	0.0996	67	0.34	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0682	12.68	0.0000	12.51	0.4544	0.0996	67	0.37	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0425	12.70	0.0400	12.51	0.4544	0.0996	67	0.41	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0553	12.79	0.0400	12.51	0.4544	0.0996	67	0.61	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0294	12.80	0.0000	12.51	0.4544	0.0996	67	0.63	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0541	12.84	0.5300	12.51	0.4544	0.0996	67	0.71	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2268	12.84	0.1100	12.51	0.4544	0.0996	67	0.71	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0144	12.85	0.0500	12.51	0.4544	0.0996	67	0.73	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0300	12.85	0.5000	12.51	0.4544	0.0996	67	0.74	1%	0

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011.01	Loss on Drying, HT, 135°C 2hr (%)	0164	12.87	0.1700	12.51	0.4544	0.0996	67	0.78	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0108	12.88	0.1700	12.51	0.4544	0.0996	67	0.80	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2022	12.89	0.0300	12.51	0.4544	0.0996	67	0.82	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2246	12.89	0.2600	12.51	0.4544	0.0996	67	0.83	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0358	12.92	0.0500	12.51	0.4544	0.0996	67	0.89	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0870	12.92	0.1110	12.51	0.4544	0.0996	67	0.90	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0242	12.97	0.0610	12.51	0.4544	0.0996	67	1.01	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0536	12.98	0.0100	12.51	0.4544	0.0996	67	1.02	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0728	13.02	0.0600	12.51	0.4544	0.0996	67	1.12	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0202	13.05	0.1000	12.51	0.4544	0.0996	67	1.18	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0004	13.08	0.0000	12.51	0.4544	0.0996	67	1.25	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0589	13.16	0.0600	12.51	0.4544	0.0996	67	1.43	3%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0407	13.32	0.0911	12.51	0.4544	0.0996	67	1.78	3%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0160	13.35	0.4200	12.51	0.4544	0.0996	67	1.85	3%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0843	13.81	0.1500	12.51	0.4544	0.0996	67	2.85	5%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0880	10.40	0.8400	12.51	0.4544	0.0996	67	-4.65	8%	1
011.01	Loss on Drying, HT, 135°C 2hr (%)	0229	12.49	0.8400	12.51	0.4544	0.0996	67	-0.05	0%	1
011.02	Loss on Drying, HT, 130°C for 2 hours (%)	0942	12.11	0.4500				2			0
011.02	Loss on Drying, HT, 130°C for 2 hours (%)	0529	12.91	0.0100				2			0
011.99	Loss on Drying, HT, High Temp. Methods Miscellaneous (	2174	12.13	0.4100				3			0
011.99	Loss on Drying, HT, High Temp. Methods Miscellaneous (	2168	12.34	0.1700				3			0
011.99	Loss on Drying, HT, High Temp. Methods Miscellaneous (	2303	12.63	0.0900				3			0
012.00	Starch, Polarimetric (Ewers) (%)	0910	44.10	0.8000	45.50	0.8375	0.3140	16	-1.67	2%	0
012.00	Starch, Polarimetric (Ewers) (%)	2181	44.35	0.4400	45.50	0.8375	0.3140	16	-1.37	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0689	44.75	0.1000	45.50	0.8375	0.3140	16	-0.90	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	2188	45.00	0.5100	45.50	0.8375	0.3140	16	-0.60	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0848	45.09	0.1300	45.50	0.8375	0.3140	16	-0.50	0%	0
012.00	Starch, Polarimetric (Ewers) (%)	0939	45.22	0.4300	45.50	0.8375	0.3140	16	-0.34	0%	0
012.00	Starch, Polarimetric (Ewers) (%)	2193	45.26	0.1700	45.50	0.8375	0.3140	16	-0.29	0%	0
012.00	Starch, Polarimetric (Ewers) (%)	2009	45.35	0.2765	45.50	0.8375	0.3140	16	-0.18	0%	0
012.00	Starch, Polarimetric (Ewers) (%)	2319	45.35	0.1000	45.50	0.8375	0.3140	16	-0.18	0%	0
012.00	Starch, Polarimetric (Ewers) (%)	0354	45.62	0.0370	45.50	0.8375	0.3140	16	0.15	0%	0
012.00	Starch, Polarimetric (Ewers) (%)	0941	45.87	0.1800	45.50	0.8375	0.3140	16	0.44	0%	0
012.00	Starch, Polarimetric (Ewers) (%)	0164	46.30	0.4000	45.50	0.8375	0.3140	16	0.96	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	2006	46.31	0.2100	45.50	0.8375	0.3140	16	0.96	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	2196	46.33	0.0000	45.50	0.8375	0.3140	16	0.99	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0610	46.40	0.6000	45.50	0.8375	0.3140	16	1.07	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	2192	46.58	0.6400	45.50	0.8375	0.3140	16	1.29	1%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0918	40.54	0.0330	43.76	1.208	0.4516	14	-2.66	4%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0164	42.50	0.2000	43.76	1.208	0.4516	14	-1.04	1%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0870	42.72	1.450	43.76	1.208	0.4516	14	-0.86	1%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0160	43.11	0.2200	43.76	1.208	0.4516	14	-0.54	1%	0

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012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0910	43.15	0.1000	43.76	1.208	0.4516	14	-0.50	1%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0956	43.45	1.300	43.76	1.208	0.4516	14	-0.25	0%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0407	43.55	0.4174	43.76	1.208	0.4516	14	-0.18	0%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0693	43.86	0.0640	43.76	1.208	0.4516	14	0.09	0%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0885	44.02	0.3084	43.76	1.208	0.4516	14	0.22	0%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	2022	44.26	0.1800	43.76	1.208	0.4516	14	0.42	1%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0148	44.33	0.4000	43.76	1.208	0.4516	14	0.47	1%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0676	44.57	1.080	43.76	1.208	0.4516	14	0.67	1%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0045	45.80	0.4000	43.76	1.208	0.4516	14	1.69	2%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	2089	47.46	0.1700	43.76	1.208	0.4516	14	3.06	4%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0265	30.85	3.700	43.76	1.208	0.4516	14	-10.68	15%	1
012.03	Starch, Enzymatic-Colorimetric Method, Miscellaneous (%)	0066	41.46	0.2600				3			0
012.03	Starch, Enzymatic-Colorimetric Method, Miscellaneous (%)	0407	42.63	1.096				3			0
012.03	Starch, Enzymatic-Colorimetric Method, Miscellaneous (%)	0656	44.69	0.0000				3			0
012.04	Starch, Enzymatic-Enzyme Membrane Technology (YSI) (	2129	39.32	0.0220	43.24	3.077	0.4917	7	-1.28	5%	0
012.04	Starch, Enzymatic-Enzyme Membrane Technology (YSI) (	0510	41.40	0.2000	43.24	3.077	0.4917	7	-0.60	2%	0
012.04	Starch, Enzymatic-Enzyme Membrane Technology (YSI) (	0226	42.76	1.250	43.24	3.077	0.4917	7	-0.16	1%	0
012.04	Starch, Enzymatic-Enzyme Membrane Technology (YSI) (	0674	42.82	0.0000	43.24	3.077	0.4917	7	-0.14	0%	0
012.04	Starch, Enzymatic-Enzyme Membrane Technology (YSI) (	0278	43.40	0.0000	43.24	3.077	0.4917	7	0.05	0%	0
012.04	Starch, Enzymatic-Enzyme Membrane Technology (YSI) (	0098	45.15	1.900	43.24	3.077	0.4917	7	0.62	2%	0
012.04	Starch, Enzymatic-Enzyme Membrane Technology (YSI) (	0948	49.50	0.0700	43.24	3.077	0.4917	7	2.03	7%	0
012.11	Starch, NIR (%)	0889	39.13	1.070				2			0
012.11	Starch, NIR (%)	2290	48.20	0.4000				2			0
012.20	Starch, Dietary, Enzymatic-Colorimetric (%)	0353	44.30	0.0700				1			0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	2073	2.320	0.0400	3.171	0.4207	0.1042	16	-2.02	13%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0884	2.750	0.3000	3.171	0.4207	0.1042	16	-1.00	7%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0083	2.770	0.0200	3.171	0.4207	0.1042	16	-0.95	6%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	2345	2.850	0.1000	3.171	0.4207	0.1042	16	-0.76	5%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0689	2.900	0.2000	3.171	0.4207	0.1042	16	-0.65	4%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0650	3.030	0.0000	3.171	0.4207	0.1042	16	-0.34	2%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	2076	3.107	0.1394	3.171	0.4207	0.1042	16	-0.15	1%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0541	3.120	0.1600	3.171	0.4207	0.1042	16	-0.12	1%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	2319	3.150	0.1000	3.171	0.4207	0.1042	16	-0.05	0%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0910	3.220	0.0000	3.171	0.4207	0.1042	16	0.12	1%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0948	3.235	0.0300	3.171	0.4207	0.1042	16	0.15	1%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0652	3.350	0.1000	3.171	0.4207	0.1042	16	0.42	3%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	2144	3.526	0.0330	3.171	0.4207	0.1042	16	0.84	6%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	2150	3.620	0.0200	3.171	0.4207	0.1042	16	1.07	7%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0309	3.772	0.2743	3.171	0.4207	0.1042	16	1.43	9%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0202	3.915	0.1500	3.171	0.4207	0.1042	16	1.77	12%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0229	2.805	0.5900	3.171	0.4207	0.1042	16	-0.87	6%	1
013.02	Fat, Acid Pretreat, Mojonner, Bak Ext (%)	0682	2.670	0.0000	3.578	0.4338	0.1549	14	-2.09	13%	0

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013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0098	2.955	0.4100	3.578	0.4338	0.1549	14	-1.44	9%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0148	3.320	0.1600	3.578	0.4338	0.1549	14	-0.59	4%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0160	3.400	0.2000	3.578	0.4338	0.1549	14	-0.41	2%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0853	3.400	0.2000	3.578	0.4338	0.1549	14	-0.41	2%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0074	3.495	0.3300	3.578	0.4338	0.1549	14	-0.19	1%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0870	3.558	0.0048	3.578	0.4338	0.1549	14	-0.04	0%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0676	3.565	0.0700	3.578	0.4338	0.1549	14	-0.03	0%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0164	3.600	0.0000	3.578	0.4338	0.1549	14	0.05	0%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0553	3.745	0.2100	3.578	0.4338	0.1549	14	0.39	2%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0643	3.850	0.0400	3.578	0.4338	0.1549	14	0.63	4%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0914	3.895	0.1900	3.578	0.4338	0.1549	14	0.73	4%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	2259	4.151	0.0610	3.578	0.4338	0.1549	14	1.32	8%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0407	4.478	0.2930	3.578	0.4338	0.1549	14	2.07	13%	0
013.08	Fat, Base Pretreat, Roese-Gottlieb Modified (%)	0618	2.634	0.1120				1			0
013.10	Fat, Acid Pretreat, Soxtec-Acid Hydrolysis (%)	0610	2.665	0.0700	3.028	0.4119	0.0688	6	-0.88	6%	0
013.10	Fat, Acid Pretreat, Soxtec-Acid Hydrolysis (%)	0939	2.705	0.0100	3.028	0.4119	0.0688	6	-0.79	5%	0
013.10	Fat, Acid Pretreat, Soxtec-Acid Hydrolysis (%)	0036	2.826	0.0830	3.028	0.4119	0.0688	6	-0.49	3%	0
013.10	Fat, Acid Pretreat, Soxtec-Acid Hydrolysis (%)	2196	3.140	0.0000	3.028	0.4119	0.0688	6	0.27	2%	0
013.10	Fat, Acid Pretreat, Soxtec-Acid Hydrolysis (%)	2268	3.235	0.0500	3.028	0.4119	0.0688	6	0.50	3%	0
013.10	Fat, Acid Pretreat, Soxtec-Acid Hydrolysis (%)	0353	3.600	0.2000	3.028	0.4119	0.0688	6	1.39	9%	0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	2129	2.472	0.1350	3.240	0.6082	0.1911	9	-1.26	12%	0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0300	2.645	0.0100	3.240	0.6082	0.1911	9	-0.98	9%	0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0675	2.855	0.0300	3.240	0.6082	0.1911	9	-0.63	6%	0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0968	3.140	0.0400	3.240	0.6082	0.1911	9	-0.16	2%	0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0843	3.320	0.5400	3.240	0.6082	0.1911	9	0.13	1%	0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0354	3.350	0.0600	3.240	0.6082	0.1911	9	0.18	2%	0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0265	3.425	0.0300	3.240	0.6082	0.1911	9	0.30	3%	0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0876	3.800	0.6000	3.240	0.6082	0.1911	9	0.92	9%	0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0407	4.891	0.2753	3.240	0.6082	0.1911	9	2.71	25%	0
015.41	Aluminum, ICP, Dry ash (ppm)	0049	29.04	3.970				3			0
015.41	Aluminum, ICP, Dry ash (ppm)	0407	44.20	1.105				3			0
015.41	Aluminum, ICP, Dry ash (ppm)	0520	73.85	6.560				3			0
015.42	Aluminum, ICP, Open vessel (ppm)	0037	23.00	0.0000				2			0
015.42	Aluminum, ICP, Open vessel (ppm)	2129	47.31	3.930				2			0
015.43	Aluminum, ICP, Microwave (ppm)	0407	45.60	0.0182	51.19	9.882	0.4096	4			0
015.43	Aluminum, ICP, Microwave (ppm)	0425	46.52	0.5500	51.19	9.882	0.4096	4			0
015.43	Aluminum, ICP, Microwave (ppm)	0345	46.67	1.070	51.19	9.882	0.4096	4			0
015.43	Aluminum, ICP, Microwave (ppm)	0510	66.00	0.0000	51.19	9.882	0.4096	4			0
015.43	Aluminum, ICP, Microwave (ppm)	0353	52.00	4.000	51.19	9.882	0.4096	4			1
015.53	Aluminum, ICP-MS, Microwave (ppm)	0553	47.90	0.8000				2			0
015.53	Aluminum, ICP-MS, Microwave (ppm)	0407	48.81	4.962				2			0
017.41	Boron, ICP, Dry ash (ppm)	0358	5.195	0.2500	5.831	0.6652	0.3647	4			0

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017.41	Boron, ICP, Dry ash (ppm)	0049	5.505	0.8500	5.831	0.6652	0.3647	4			0
017.41	Boron, ICP, Dry ash (ppm)	0226	5.890	0.1800	5.831	0.6652	0.3647	4			0
017.41	Boron, ICP, Dry ash (ppm)	0407	6.733	0.1789	5.831	0.6652	0.3647	4			0
017.41	Boron, ICP, Dry ash (ppm)	0229	5.970	3.020	5.831	0.6652	0.3647	4			1
017.42	Boron, ICP, Open vessel (ppm)	0693	5.071	0.1820	6.138	1.152	0.2590	6	-0.93	9%	0
017.42	Boron, ICP, Open vessel (ppm)	0045	5.585	0.2500	6.138	1.152	0.2590	6	-0.48	5%	0
017.42	Boron, ICP, Open vessel (ppm)	2129	5.627	0.2120	6.138	1.152	0.2590	6	-0.44	4%	0
017.42	Boron, ICP, Open vessel (ppm)	0037	5.900	0.2000	6.138	1.152	0.2590	6	-0.21	2%	0
017.42	Boron, ICP, Open vessel (ppm)	0294	6.780	0.0400	6.138	1.152	0.2590	6	0.56	5%	0
017.42	Boron, ICP, Open vessel (ppm)	0265	8.605	0.6700	6.138	1.152	0.2590	6	2.14	20%	0
017.43	Boron, ICP, Microwave (ppm)	0345	4.995	0.2300	7.343	3.476	0.6964	6	-0.68	16%	0
017.43	Boron, ICP, Microwave (ppm)	0510	5.000	0.0000	7.343	3.476	0.6964	6	-0.67	16%	0
017.43	Boron, ICP, Microwave (ppm)	0353	5.500	1.000	7.343	3.476	0.6964	6	-0.53	13%	0
017.43	Boron, ICP, Microwave (ppm)	0407	6.304	0.6481	7.343	3.476	0.6964	6	-0.30	7%	0
017.43	Boron, ICP, Microwave (ppm)	0083	9.945	0.1100	7.343	3.476	0.6964	6	0.75	18%	0
017.43	Boron, ICP, Microwave (ppm)	0918	12.32	2.190	7.343	3.476	0.6964	6	1.43	34%	0
017.53	Boron, ICP-MS, Microwave (ppm)	0407	6.098	0.8958				1			0
019.00	Calcium, Ox-Mn04 Vol. (%)	2109	0.8310	0.0280	0.9233	0.0879	0.0200	4			0
019.00	Calcium, Ox-Mn04 Vol. (%)	2181	0.9000	0.0000	0.9233	0.0879	0.0200	4			0
019.00	Calcium, Ox-Mn04 Vol. (%)	2302	0.9200	0.0200	0.9233	0.0879	0.0200	4			0
019.00	Calcium, Ox-Mn04 Vol. (%)	2006	1.042	0.0320	0.9233	0.0879	0.0200	4			0
019.02	Calcium, Hach Method (%)	0536	0.7950	0.0100				1			0
019.08	Calcium, EDTA (%)	2199	0.8200	0.0600	0.9158	0.0433	0.0206	11	-2.21	5%	0
019.08	Calcium, EDTA (%)	0590	0.8650	0.0100	0.9158	0.0433	0.0206	11	-1.17	3%	0
019.08	Calcium, EDTA (%)	2196	0.8800	0.0000	0.9158	0.0433	0.0206	11	-0.83	2%	0
019.08	Calcium, EDTA (%)	2337	0.9000	0.0000	0.9158	0.0433	0.0206	11	-0.36	1%	0
019.08	Calcium, EDTA (%)	0885	0.9199	0.0147	0.9158	0.0433	0.0206	11	0.09	0%	0
019.08	Calcium, EDTA (%)	2340	0.9265	0.0070	0.9158	0.0433	0.0206	11	0.25	1%	0
019.08	Calcium, EDTA (%)	0689	0.9350	0.0300	0.9158	0.0433	0.0206	11	0.44	1%	0
019.08	Calcium, EDTA (%)	2009	0.9354	0.0057	0.9158	0.0433	0.0206	11	0.45	1%	0
019.08	Calcium, EDTA (%)	2190	0.9361	0.0296	0.9158	0.0433	0.0206	11	0.47	1%	0
019.08	Calcium, EDTA (%)	2193	0.9450	0.0100	0.9158	0.0433	0.0206	11	0.67	2%	0
019.08	Calcium, EDTA (%)	2188	0.9800	0.0600	0.9158	0.0433	0.0206	11	1.48	4%	0
019.09	Calcium, Ion-selective electrode (%)	2006	1.033	0.0200				1			0
019.31	Calcium, AAS, Dry ash (%)	0108	0.8150	0.0900	0.8869	0.0307	0.0179	18	-2.35	4%	0
019.31	Calcium, AAS, Dry ash (%)	2246	0.8200	0.0000	0.8869	0.0307	0.0179	18	-2.18	4%	0
019.31	Calcium, AAS, Dry ash (%)	0646	0.8650	0.0100	0.8869	0.0307	0.0179	18	-0.71	1%	0
019.31	Calcium, AAS, Dry ash (%)	2325	0.8650	0.0100	0.8869	0.0307	0.0179	18	-0.71	1%	0
019.31	Calcium, AAS, Dry ash (%)	0651	0.8673	0.0093	0.8869	0.0307	0.0179	18	-0.64	1%	0
019.31	Calcium, AAS, Dry ash (%)	0656	0.8700	0.0000	0.8869	0.0307	0.0179	18	-0.55	1%	0
019.31	Calcium, AAS, Dry ash (%)	0939	0.8700	0.0200	0.8869	0.0307	0.0179	18	-0.55	1%	0
019.31	Calcium, AAS, Dry ash (%)	0038	0.8740	0.0040	0.8869	0.0307	0.0179	18	-0.42	1%	0

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019.31	Calcium, AAS, Dry ash (%)	0687	0.8900	0.0600	0.8869	0.0307	0.0179	18	0.10	0%	0
019.31	Calcium, AAS, Dry ash (%)	2196	0.8900	0.0000	0.8869	0.0307	0.0179	18	0.10	0%	0
019.31	Calcium, AAS, Dry ash (%)	2022	0.8950	0.0100	0.8869	0.0307	0.0179	18	0.26	0%	0
019.31	Calcium, AAS, Dry ash (%)	0142	0.8957	0.0337	0.8869	0.0307	0.0179	18	0.29	0%	0
019.31	Calcium, AAS, Dry ash (%)	0948	0.9050	0.0100	0.8869	0.0307	0.0179	18	0.59	1%	0
019.31	Calcium, AAS, Dry ash (%)	0622	0.9086	0.0042	0.8869	0.0307	0.0179	18	0.71	1%	0
019.31	Calcium, AAS, Dry ash (%)	0001	0.9093	0.0247	0.8869	0.0307	0.0179	18	0.73	1%	0
019.31	Calcium, AAS, Dry ash (%)	0536	0.9200	0.0000	0.8869	0.0307	0.0179	18	1.08	2%	0
019.31	Calcium, AAS, Dry ash (%)	0563	0.9249	0.0070	0.8869	0.0307	0.0179	18	1.24	2%	0
019.31	Calcium, AAS, Dry ash (%)	0529	0.9450	0.0300	0.8869	0.0307	0.0179	18	1.89	3%	0
019.31	Calcium, AAS, Dry ash (%)	0884	0.9400	0.1200	0.8869	0.0307	0.0179	18	1.73	3%	1
019.32	Calcium, AAS, Open vessel (%)	0169	0.8500	0.0400				1			0
019.41	Calcium, ICP, Dry ash (%)	0066	0.8395	0.0310	0.8983	0.0409	0.0312	18	-1.44	3%	0
019.41	Calcium, ICP, Dry ash (%)	0674	0.8500	0.0000	0.8983	0.0409	0.0312	18	-1.18	3%	0
019.41	Calcium, ICP, Dry ash (%)	0019	0.8500	0.1000	0.8983	0.0409	0.0312	18	-1.18	3%	0
019.41	Calcium, ICP, Dry ash (%)	0910	0.8650	0.0500	0.8983	0.0409	0.0312	18	-0.81	2%	0
019.41	Calcium, ICP, Dry ash (%)	0148	0.8710	0.0680	0.8983	0.0409	0.0312	18	-0.67	2%	0
019.41	Calcium, ICP, Dry ash (%)	0358	0.8800	0.0200	0.8983	0.0409	0.0312	18	-0.45	1%	0
019.41	Calcium, ICP, Dry ash (%)	0407	0.8802	0.0187	0.8983	0.0409	0.0312	18	-0.44	1%	0
019.41	Calcium, ICP, Dry ash (%)	0229	0.8850	0.1100	0.8983	0.0409	0.0312	18	-0.32	1%	0
019.41	Calcium, ICP, Dry ash (%)	0049	0.8950	0.0100	0.8983	0.0409	0.0312	18	-0.08	0%	0
019.41	Calcium, ICP, Dry ash (%)	0098	0.9000	0.0200	0.8983	0.0409	0.0312	18	0.04	0%	0
019.41	Calcium, ICP, Dry ash (%)	0520	0.9135	0.0010	0.8983	0.0409	0.0312	18	0.37	1%	0
019.41	Calcium, ICP, Dry ash (%)	0598	0.9157	0.0012	0.8983	0.0409	0.0312	18	0.43	1%	0
019.41	Calcium, ICP, Dry ash (%)	0144	0.9200	0.0000	0.8983	0.0409	0.0312	18	0.53	1%	0
019.41	Calcium, ICP, Dry ash (%)	0226	0.9250	0.0300	0.8983	0.0409	0.0312	18	0.65	1%	0
019.41	Calcium, ICP, Dry ash (%)	0596	0.9250	0.0300	0.8983	0.0409	0.0312	18	0.65	1%	0
019.41	Calcium, ICP, Dry ash (%)	0848	0.9350	0.0300	0.8983	0.0409	0.0312	18	0.90	2%	0
019.41	Calcium, ICP, Dry ash (%)	0685	0.9700	0.0400	0.8983	0.0409	0.0312	18	1.75	4%	0
019.41	Calcium, ICP, Dry ash (%)	0354	0.9875	0.0010	0.8983	0.0409	0.0312	18	2.18	5%	0
019.42	Calcium, ICP, Open vessel (%)	2129	0.6653	0.0004	0.9134	0.0881	0.0219	20	-2.82	14%	0
019.42	Calcium, ICP, Open vessel (%)	2319	0.7995	0.0290	0.9134	0.0881	0.0219	20	-1.29	6%	0
019.42	Calcium, ICP, Open vessel (%)	0042	0.8215	0.0430	0.9134	0.0881	0.0219	20	-1.04	5%	0
019.42	Calcium, ICP, Open vessel (%)	0294	0.8250	0.0100	0.9134	0.0881	0.0219	20	-1.00	5%	0
019.42	Calcium, ICP, Open vessel (%)	0357	0.8452	0.0085	0.9134	0.0881	0.0219	20	-0.78	4%	0
019.42	Calcium, ICP, Open vessel (%)	0870	0.8769	0.0490	0.9134	0.0881	0.0219	20	-0.41	2%	0
019.42	Calcium, ICP, Open vessel (%)	0035	0.8950	0.0100	0.9134	0.0881	0.0219	20	-0.21	1%	0
019.42	Calcium, ICP, Open vessel (%)	0263	0.8955	0.0050	0.9134	0.0881	0.0219	20	-0.20	1%	0
019.42	Calcium, ICP, Open vessel (%)	0045	0.8995	0.0270	0.9134	0.0881	0.0219	20	-0.16	1%	0
019.42	Calcium, ICP, Open vessel (%)	0693	0.9115	0.0010	0.9134	0.0881	0.0219	20	-0.02	0%	0
019.42	Calcium, ICP, Open vessel (%)	0186	0.9145	0.0128	0.9134	0.0881	0.0219	20	0.01	0%	0
019.42	Calcium, ICP, Open vessel (%)	0366	0.9150	0.0100	0.9134	0.0881	0.0219	20	0.02	0%	0

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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
019.42	Calcium, ICP, Open vessel (%)	0265	0.9250	0.0900	0.9134	0.0881	0.0219	20	0.13	1%	0
019.42	Calcium, ICP, Open vessel (%)	0037	0.9330	0.0060	0.9134	0.0881	0.0219	20	0.22	1%	0
019.42	Calcium, ICP, Open vessel (%)	0278	0.9550	0.0300	0.9134	0.0881	0.0219	20	0.47	2%	0
019.42	Calcium, ICP, Open vessel (%)	0009	0.9584	0.0082	0.9134	0.0881	0.0219	20	0.51	2%	0
019.42	Calcium, ICP, Open vessel (%)	2375	0.9800	0.0000	0.9134	0.0881	0.0219	20	0.76	4%	0
019.42	Calcium, ICP, Open vessel (%)	0190	1.095	0.0100	0.9134	0.0881	0.0219	20	2.06	10%	0
019.42	Calcium, ICP, Open vessel (%)	0726	1.100	0.0400	0.9134	0.0881	0.0219	20	2.12	10%	0
019.42	Calcium, ICP, Open vessel (%)	0504	1.258	0.0480	0.9134	0.0881	0.0219	20	3.91	19%	0
019.42	Calcium, ICP, Open vessel (%)	0692	0.9850	0.2100	0.9134	0.0881	0.0219	20	0.81	4%	1
019.43	Calcium, ICP, Microwave (%)	2089	0.7900	0.0400	0.9009	0.0422	0.0323	29	-2.63	6%	0
019.43	Calcium, ICP, Microwave (%)	0918	0.8315	0.0530	0.9009	0.0422	0.0323	29	-1.65	4%	0
019.43	Calcium, ICP, Microwave (%)	0870	0.8317	0.0229	0.9009	0.0422	0.0323	29	-1.64	4%	0
019.43	Calcium, ICP, Microwave (%)	0511	0.8400	0.0800	0.9009	0.0422	0.0323	29	-1.44	3%	0
019.43	Calcium, ICP, Microwave (%)	0083	0.8450	0.0100	0.9009	0.0422	0.0323	29	-1.32	3%	0
019.43	Calcium, ICP, Microwave (%)	0505	0.8600	0.0400	0.9009	0.0422	0.0323	29	-0.97	2%	0
019.43	Calcium, ICP, Microwave (%)	0668	0.8800	0.0400	0.9009	0.0422	0.0323	29	-0.49	1%	0
019.43	Calcium, ICP, Microwave (%)	0043	0.8809	0.0721	0.9009	0.0422	0.0323	29	-0.47	1%	0
019.43	Calcium, ICP, Microwave (%)	0033	0.8850	0.0700	0.9009	0.0422	0.0323	29	-0.38	1%	0
019.43	Calcium, ICP, Microwave (%)	0510	0.8900	0.0000	0.9009	0.0422	0.0323	29	-0.26	1%	0
019.43	Calcium, ICP, Microwave (%)	0036	0.8906	0.0149	0.9009	0.0422	0.0323	29	-0.24	1%	0
019.43	Calcium, ICP, Microwave (%)	0018	0.8935	0.0370	0.9009	0.0422	0.0323	29	-0.17	0%	0
019.43	Calcium, ICP, Microwave (%)	0407	0.8986	0.0119	0.9009	0.0422	0.0323	29	-0.05	0%	0
019.43	Calcium, ICP, Microwave (%)	0682	0.9000	0.0000	0.9009	0.0422	0.0323	29	-0.02	0%	0
019.43	Calcium, ICP, Microwave (%)	0035	0.9050	0.0100	0.9009	0.0422	0.0323	29	0.10	0%	0
019.43	Calcium, ICP, Microwave (%)	0202	0.9050	0.0900	0.9009	0.0422	0.0323	29	0.10	0%	0
019.43	Calcium, ICP, Microwave (%)	0610	0.9050	0.0500	0.9009	0.0422	0.0323	29	0.10	0%	0
019.43	Calcium, ICP, Microwave (%)	0010	0.9100	0.0200	0.9009	0.0422	0.0323	29	0.22	1%	0
019.43	Calcium, ICP, Microwave (%)	0345	0.9235	0.0090	0.9009	0.0422	0.0323	29	0.54	1%	0
019.43	Calcium, ICP, Microwave (%)	0011	0.9300	0.0000	0.9009	0.0422	0.0323	29	0.69	2%	0
019.43	Calcium, ICP, Microwave (%)	0353	0.9350	0.0700	0.9009	0.0422	0.0323	29	0.81	2%	0
019.43	Calcium, ICP, Microwave (%)	0425	0.9350	0.0300	0.9009	0.0422	0.0323	29	0.81	2%	0
019.43	Calcium, ICP, Microwave (%)	0675	0.9350	0.0100	0.9009	0.0422	0.0323	29	0.81	2%	0
019.43	Calcium, ICP, Microwave (%)	0876	0.9350	0.0020	0.9009	0.0422	0.0323	29	0.81	2%	0
019.43	Calcium, ICP, Microwave (%)	0017	0.9358	0.0109	0.9009	0.0422	0.0323	29	0.83	2%	0
019.43	Calcium, ICP, Microwave (%)	2192	0.9400	0.0400	0.9009	0.0422	0.0323	29	0.93	2%	0
019.43	Calcium, ICP, Microwave (%)	0098	0.9450	0.0500	0.9009	0.0422	0.0323	29	1.05	2%	0
019.43	Calcium, ICP, Microwave (%)	0968	0.9455	0.0230	0.9009	0.0422	0.0323	29	1.06	2%	0
019.43	Calcium, ICP, Microwave (%)	2363	0.9650	0.0300	0.9009	0.0422	0.0323	29	1.52	4%	0
019.44	Calcium, ICP, Dry ash (%)	0164	0.8660	0.0040				1			0
019.52	Calcium, ICP-MS, Open vessel (%)	0154	0.8475	0.0045				3			0
019.52	Calcium, ICP-MS, Open vessel (%)	0186	0.9143	0.0459				3			0
019.52	Calcium, ICP-MS, Open vessel (%)	0047	1.038	0.1236				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			
019.53	Calcium, ICP-MS, Microwave (%)	0553	0.7920	0.0080				3			0
019.53	Calcium, ICP-MS, Microwave (%)	0939	0.8700	0.0200				3			0
019.53	Calcium, ICP-MS, Microwave (%)	0407	0.8965	0.0191				3			0
019.99	Calcium, Miscellaneous (%)	0242	0.8050	0.0100	0.8930	0.0718	0.0300	5			0
019.99	Calcium, Miscellaneous (%)	0590	0.8800	0.0200	0.8930	0.0718	0.0300	5			0
019.99	Calcium, Miscellaneous (%)	0676	0.8800	0.0200	0.8930	0.0718	0.0300	5			0
019.99	Calcium, Miscellaneous (%)	0100	0.8950	0.0300	0.8930	0.0718	0.0300	5			0
019.99	Calcium, Miscellaneous (%)	2302	1.005	0.0700	0.8930	0.0718	0.0300	5			0
021.31	Cobalt, AAS, Dry ash (ppm)	0563	< 5					0			5
021.41	Cobalt, ICP, Dry ash (ppm)	0407	0.6266	0.0134				1			0
021.41	Cobalt, ICP, Dry ash (ppm)	0164	< 0.5					1			5
021.42	Cobalt, ICP, Open vessel (ppm)	0045	0.3505	0.0270				1			0
021.43	Cobalt, ICP, Microwave (ppm)	0510	0.6050	0.0100	1.031	0.4923	0.4987	4			0
021.43	Cobalt, ICP, Microwave (ppm)	0407	0.7904	0.1089	1.031	0.4923	0.4987	4			0
021.43	Cobalt, ICP, Microwave (ppm)	0682	1.000	0.0000	1.031	0.4923	0.4987	4			0
021.43	Cobalt, ICP, Microwave (ppm)	0353	1.729	1.876	1.031	0.4923	0.4987	4			0
021.43	Cobalt, ICP, Microwave (ppm)	0027	5,058	390.6	1.031	0.4923	0.4987	4			2
021.52	Cobalt, ICP-MS, Open vessel (ppm)	0910	0.2850	0.0700				2			0
021.52	Cobalt, ICP-MS, Open vessel (ppm)	0186	0.4970	0.0160				2			0
021.53	Cobalt, ICP-MS, Microwave (ppm)	0553	0.4650	0.0040				2			0
021.53	Cobalt, ICP-MS, Microwave (ppm)	0407	0.4941	0.0508				2			0
022.31	Copper, AAS, Dry ash (ppm)	0536	12.40	0.3000	19.06	7.648	0.4514	7	-0.87	17%	0
022.31	Copper, AAS, Dry ash (ppm)	0689	13.85	1.300	19.06	7.648	0.4514	7	-0.68	14%	0
022.31	Copper, AAS, Dry ash (ppm)	0939	15.78	0.6200	19.06	7.648	0.4514	7	-0.43	9%	0
022.31	Copper, AAS, Dry ash (ppm)	2196	17.27	0.0000	19.06	7.648	0.4514	7	-0.23	5%	0
022.31	Copper, AAS, Dry ash (ppm)	2246	17.29	0.0300	19.06	7.648	0.4514	7	-0.23	5%	0
022.31	Copper, AAS, Dry ash (ppm)	0622	26.32	0.3300	19.06	7.648	0.4514	7	0.95	19%	0
022.31	Copper, AAS, Dry ash (ppm)	2188	105.6	0.5800	19.06	7.648	0.4514	7	11.32	227%	0
022.31	Copper, AAS, Dry ash (ppm)	0656	< 10.1		19.06	7.648	0.4514	7			5
022.31	Copper, AAS, Dry ash (ppm)	0563	< 25		19.06	7.648	0.4514	7			5
022.41	Copper, ICP, Dry ash (ppm)	0229	12.93	0.6600	15.63	1.872	1.858	12	-1.44	9%	0
022.41	Copper, ICP, Dry ash (ppm)	0674	13.01	0.0000	15.63	1.872	1.858	12	-1.40	8%	0
022.41	Copper, ICP, Dry ash (ppm)	0520	14.40	4.147	15.63	1.872	1.858	12	-0.66	4%	0
022.41	Copper, ICP, Dry ash (ppm)	0358	14.41	0.6300	15.63	1.872	1.858	12	-0.66	4%	0
022.41	Copper, ICP, Dry ash (ppm)	0407	15.64	1.228	15.63	1.872	1.858	12	0.00	0%	0
022.41	Copper, ICP, Dry ash (ppm)	0098	15.85	1.840	15.63	1.872	1.858	12	0.12	1%	0
022.41	Copper, ICP, Dry ash (ppm)	0148	16.34	2.220	15.63	1.872	1.858	12	0.38	2%	0
022.41	Copper, ICP, Dry ash (ppm)	0910	16.50	3.000	15.63	1.872	1.858	12	0.46	3%	0
022.41	Copper, ICP, Dry ash (ppm)	0598	16.52	0.8060	15.63	1.872	1.858	12	0.47	3%	0
022.41	Copper, ICP, Dry ash (ppm)	0226	16.53	0.2500	15.63	1.872	1.858	12	0.48	3%	0
022.41	Copper, ICP, Dry ash (ppm)	0049	17.04	7.440	15.63	1.872	1.858	12	0.75	4%	0
022.41	Copper, ICP, Dry ash (ppm)	0354	19.54	0.0700	15.63	1.872	1.858	12	2.08	12%	0

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022.42	Copper, ICP, Open vessel (ppm)	2129	13.98	0.0600	16.98	1.878	0.9524	20	-1.60	9%	0
022.42	Copper, ICP, Open vessel (ppm)	0294	14.57	0.5400	16.98	1.878	0.9524	20	-1.28	7%	0
022.42	Copper, ICP, Open vessel (ppm)	0692	15.50	0.6000	16.98	1.878	0.9524	20	-0.79	4%	0
022.42	Copper, ICP, Open vessel (ppm)	0693	15.52	0.5370	16.98	1.878	0.9524	20	-0.78	4%	0
022.42	Copper, ICP, Open vessel (ppm)	0870	15.56	0.6900	16.98	1.878	0.9524	20	-0.76	4%	0
022.42	Copper, ICP, Open vessel (ppm)	0037	15.85	0.5000	16.98	1.878	0.9524	20	-0.60	3%	0
022.42	Copper, ICP, Open vessel (ppm)	2375	16.00	0.0000	16.98	1.878	0.9524	20	-0.52	3%	0
022.42	Copper, ICP, Open vessel (ppm)	0190	16.34	0.0600	16.98	1.878	0.9524	20	-0.34	2%	0
022.42	Copper, ICP, Open vessel (ppm)	0263	16.38	0.0940	16.98	1.878	0.9524	20	-0.32	2%	0
022.42	Copper, ICP, Open vessel (ppm)	2319	16.40	1.200	16.98	1.878	0.9524	20	-0.31	2%	0
022.42	Copper, ICP, Open vessel (ppm)	0726	16.55	0.8100	16.98	1.878	0.9524	20	-0.23	1%	0
022.42	Copper, ICP, Open vessel (ppm)	0045	17.35	0.9000	16.98	1.878	0.9524	20	0.20	1%	0
022.42	Copper, ICP, Open vessel (ppm)	0366	17.50	3.000	16.98	1.878	0.9524	20	0.28	2%	0
022.42	Copper, ICP, Open vessel (ppm)	0265	17.75	3.500	16.98	1.878	0.9524	20	0.41	2%	0
022.42	Copper, ICP, Open vessel (ppm)	0357	18.40	0.5360	16.98	1.878	0.9524	20	0.75	4%	0
022.42	Copper, ICP, Open vessel (ppm)	0186	18.45	0.7000	16.98	1.878	0.9524	20	0.78	4%	0
022.42	Copper, ICP, Open vessel (ppm)	0035	18.50	1.000	16.98	1.878	0.9524	20	0.81	4%	0
022.42	Copper, ICP, Open vessel (ppm)	0278	19.25	1.300	16.98	1.878	0.9524	20	1.21	7%	0
022.42	Copper, ICP, Open vessel (ppm)	0685	20.63	0.0500	16.98	1.878	0.9524	20	1.94	11%	0
022.42	Copper, ICP, Open vessel (ppm)	0504	28.89	2.970	16.98	1.878	0.9524	20	6.34	35%	0
022.42	Copper, ICP, Open vessel (ppm)	0042	31.25	7.100	16.98	1.878	0.9524	20	7.60	42%	1
022.43	Copper, ICP, Microwave (ppm)	2089	13.14	3.660	15.54	1.528	1.164	19	-1.57	8%	0
022.43	Copper, ICP, Microwave (ppm)	0511	13.50	1.000	15.54	1.528	1.164	19	-1.34	7%	0
022.43	Copper, ICP, Microwave (ppm)	0202	13.70	4.800	15.54	1.528	1.164	19	-1.21	6%	0
022.43	Copper, ICP, Microwave (ppm)	0918	14.38	0.4500	15.54	1.528	1.164	19	-0.76	4%	0
022.43	Copper, ICP, Microwave (ppm)	0425	14.48	0.5900	15.54	1.528	1.164	19	-0.70	3%	0
022.43	Copper, ICP, Microwave (ppm)	0407	14.60	1.889	15.54	1.528	1.164	19	-0.62	3%	0
022.43	Copper, ICP, Microwave (ppm)	0098	15.08	1.130	15.54	1.528	1.164	19	-0.31	2%	0
022.43	Copper, ICP, Microwave (ppm)	0083	15.43	0.8700	15.54	1.528	1.164	19	-0.08	0%	0
022.43	Copper, ICP, Microwave (ppm)	0968	15.44	0.2370	15.54	1.528	1.164	19	-0.07	0%	0
022.43	Copper, ICP, Microwave (ppm)	0870	15.70	0.1100	15.54	1.528	1.164	19	0.10	0%	0
022.43	Copper, ICP, Microwave (ppm)	0505	15.78	2.130	15.54	1.528	1.164	19	0.15	1%	0
022.43	Copper, ICP, Microwave (ppm)	0668	15.79	0.6800	15.54	1.528	1.164	19	0.16	1%	0
022.43	Copper, ICP, Microwave (ppm)	0035	16.00	0.0000	15.54	1.528	1.164	19	0.30	1%	0
022.43	Copper, ICP, Microwave (ppm)	0682	16.20	0.0000	15.54	1.528	1.164	19	0.43	2%	0
022.43	Copper, ICP, Microwave (ppm)	0675	16.27	0.2300	15.54	1.528	1.164	19	0.47	2%	0
022.43	Copper, ICP, Microwave (ppm)	0510	17.00	0.0000	15.54	1.528	1.164	19	0.95	5%	0
022.43	Copper, ICP, Microwave (ppm)	0345	17.18	0.7400	15.54	1.528	1.164	19	1.07	5%	0
022.43	Copper, ICP, Microwave (ppm)	2192	17.75	0.5000	15.54	1.528	1.164	19	1.44	7%	0
022.43	Copper, ICP, Microwave (ppm)	0610	18.65	3.100	15.54	1.528	1.164	19	2.03	10%	0
022.43	Copper, ICP, Microwave (ppm)	0353	19.50	7.000	15.54	1.528	1.164	19	2.59	13%	1
022.44	Copper, ICP, Dry ash (ppm)	0164	15.00	0.0000				2			0

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022.44	Copper, ICP, Dry ash (ppm)	0066	23.30	4.280				2			0
022.52	Copper, ICP-MS, Open vessel (ppm)	0186	18.15	0.7000				1			0
022.53	Copper, ICP-MS, Microwave (ppm)	0939	15.06	0.2900				3			0
022.53	Copper, ICP-MS, Microwave (ppm)	0407	16.37	1.324				3			0
022.53	Copper, ICP-MS, Microwave (ppm)	0553	16.55	1.900				3			0
022.99	Copper, Miscellaneous (ppm)	0590	13.95	0.5000				3			0
022.99	Copper, Miscellaneous (ppm)	0242	14.50	1.000				3			0
022.99	Copper, Miscellaneous (ppm)	0100	15.00	0.0000				3			0
025.31	Iron, AAS, Dry ash (ppm)	2188	104.1	0.3300	198.1	36.52	5.459	11	-2.57	24%	0
025.31	Iron, AAS, Dry ash (ppm)	2246	159.4	1.720	198.1	36.52	5.459	11	-1.06	10%	0
025.31	Iron, AAS, Dry ash (ppm)	0689	181.0	15.00	198.1	36.52	5.459	11	-0.47	4%	0
025.31	Iron, AAS, Dry ash (ppm)	0563	181.5	2.084	198.1	36.52	5.459	11	-0.45	4%	0
025.31	Iron, AAS, Dry ash (ppm)	0656	185.6	0.0000	198.1	36.52	5.459	11	-0.34	3%	0
025.31	Iron, AAS, Dry ash (ppm)	2196	201.4	0.0000	198.1	36.52	5.459	11	0.09	1%	0
025.31	Iron, AAS, Dry ash (ppm)	0001	203.8	21.00	198.1	36.52	5.459	11	0.16	1%	0
025.31	Iron, AAS, Dry ash (ppm)	0939	213.0	0.2700	198.1	36.52	5.459	11	0.41	4%	0
025.31	Iron, AAS, Dry ash (ppm)	0529	225.5	4.100	198.1	36.52	5.459	11	0.75	7%	0
025.31	Iron, AAS, Dry ash (ppm)	0536	231.8	3.550	198.1	36.52	5.459	11	0.92	8%	0
025.31	Iron, AAS, Dry ash (ppm)	0038	257.0	12.00	198.1	36.52	5.459	11	1.61	15%	0
025.41	Iron, ICP, Dry ash (ppm)	0226	162.8	2.210	206.3	15.90	8.374	15	-2.74	11%	0
025.41	Iron, ICP, Dry ash (ppm)	0354	179.7	0.4900	206.3	15.90	8.374	15	-1.68	6%	0
025.41	Iron, ICP, Dry ash (ppm)	0674	194.8	0.0000	206.3	15.90	8.374	15	-0.72	3%	0
025.41	Iron, ICP, Dry ash (ppm)	0019	196.0	6.000	206.3	15.90	8.374	15	-0.65	3%	0
025.41	Iron, ICP, Dry ash (ppm)	0358	199.0	1.380	206.3	15.90	8.374	15	-0.46	2%	0
025.41	Iron, ICP, Dry ash (ppm)	0910	204.0	2.000	206.3	15.90	8.374	15	-0.15	1%	0
025.41	Iron, ICP, Dry ash (ppm)	0164	205.0	6.000	206.3	15.90	8.374	15	-0.08	0%	0
025.41	Iron, ICP, Dry ash (ppm)	0049	207.7	8.020	206.3	15.90	8.374	15	0.08	0%	0
025.41	Iron, ICP, Dry ash (ppm)	0520	207.8	5.226	206.3	15.90	8.374	15	0.09	0%	0
025.41	Iron, ICP, Dry ash (ppm)	0407	209.0	0.6093	206.3	15.90	8.374	15	0.17	1%	0
025.41	Iron, ICP, Dry ash (ppm)	0098	214.4	0.2000	206.3	15.90	8.374	15	0.51	2%	0
025.41	Iron, ICP, Dry ash (ppm)	0598	215.9	16.24	206.3	15.90	8.374	15	0.60	2%	0
025.41	Iron, ICP, Dry ash (ppm)	0148	220.4	28.01	206.3	15.90	8.374	15	0.89	3%	0
025.41	Iron, ICP, Dry ash (ppm)	0229	225.8	18.72	206.3	15.90	8.374	15	1.23	5%	0
025.41	Iron, ICP, Dry ash (ppm)	0066	303.4	30.50	206.3	15.90	8.374	15	6.11	24%	0
025.42	Iron, ICP, Open vessel (ppm)	0037	75.65	5.100	209.6	21.62	7.146	18	-6.19	32%	0
025.42	Iron, ICP, Open vessel (ppm)	0278	153.0	10.00	209.6	21.62	7.146	18	-2.62	13%	0
025.42	Iron, ICP, Open vessel (ppm)	2129	172.1	5.800	209.6	21.62	7.146	18	-1.73	9%	0
025.42	Iron, ICP, Open vessel (ppm)	0294	197.0	5.320	209.6	21.62	7.146	18	-0.58	3%	0
025.42	Iron, ICP, Open vessel (ppm)	0870	197.4	1.700	209.6	21.62	7.146	18	-0.56	3%	0
025.42	Iron, ICP, Open vessel (ppm)	0692	203.7	14.80	209.6	21.62	7.146	18	-0.27	1%	0
025.42	Iron, ICP, Open vessel (ppm)	2319	206.0	14.00	209.6	21.62	7.146	18	-0.16	1%	0
025.42	Iron, ICP, Open vessel (ppm)	0042	206.5	1.000	209.6	21.62	7.146	18	-0.14	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			
025.42	Iron, ICP, Open vessel (ppm)	0190	210.3	2.900	209.6	21.62	7.146	18	0.03	0%	0
025.42	Iron, ICP, Open vessel (ppm)	0035	211.5	1.000	209.6	21.62	7.146	18	0.09	0%	0
025.42	Iron, ICP, Open vessel (ppm)	0693	216.4	5.028	209.6	21.62	7.146	18	0.32	2%	0
025.42	Iron, ICP, Open vessel (ppm)	0263	217.8	9.000	209.6	21.62	7.146	18	0.38	2%	0
025.42	Iron, ICP, Open vessel (ppm)	0726	222.2	5.000	209.6	21.62	7.146	18	0.58	3%	0
025.42	Iron, ICP, Open vessel (ppm)	0357	223.4	2.584	209.6	21.62	7.146	18	0.64	3%	0
025.42	Iron, ICP, Open vessel (ppm)	2375	226.0	10.00	209.6	21.62	7.146	18	0.76	4%	0
025.42	Iron, ICP, Open vessel (ppm)	0366	228.0	4.000	209.6	21.62	7.146	18	0.85	4%	0
025.42	Iron, ICP, Open vessel (ppm)	0045	232.5	15.00	209.6	21.62	7.146	18	1.06	5%	0
025.42	Iron, ICP, Open vessel (ppm)	0504	306.6	16.40	209.6	21.62	7.146	18	4.49	23%	0
025.42	Iron, ICP, Open vessel (ppm)	0265	250.0	38.00	209.6	21.62	7.146	18	1.87	10%	1
025.43	Iron, ICP, Microwave (ppm)	0870	188.4	5.100	210.3	15.25	6.078	24	-1.44	5%	0
025.43	Iron, ICP, Microwave (ppm)	0017	193.7	11.24	210.3	15.25	6.078	24	-1.09	4%	0
025.43	Iron, ICP, Microwave (ppm)	0511	194.5	1.000	210.3	15.25	6.078	24	-1.04	4%	0
025.43	Iron, ICP, Microwave (ppm)	0083	194.6	10.08	210.3	15.25	6.078	24	-1.03	4%	0
025.43	Iron, ICP, Microwave (ppm)	0505	194.7	1.000	210.3	15.25	6.078	24	-1.02	4%	0
025.43	Iron, ICP, Microwave (ppm)	0043	197.3	2.798	210.3	15.25	6.078	24	-0.85	3%	0
025.43	Iron, ICP, Microwave (ppm)	0033	200.5	1.000	210.3	15.25	6.078	24	-0.64	2%	0
025.43	Iron, ICP, Microwave (ppm)	0918	202.3	4.060	210.3	15.25	6.078	24	-0.53	2%	0
025.43	Iron, ICP, Microwave (ppm)	0682	202.3	0.0000	210.3	15.25	6.078	24	-0.53	2%	0
025.43	Iron, ICP, Microwave (ppm)	0345	205.8	3.110	210.3	15.25	6.078	24	-0.30	1%	0
025.43	Iron, ICP, Microwave (ppm)	0407	207.2	0.9548	210.3	15.25	6.078	24	-0.20	1%	0
025.43	Iron, ICP, Microwave (ppm)	0876	209.0	16.00	210.3	15.25	6.078	24	-0.09	0%	0
025.43	Iron, ICP, Microwave (ppm)	0668	210.0	0.0000	210.3	15.25	6.078	24	-0.02	0%	0
025.43	Iron, ICP, Microwave (ppm)	0610	211.0	4.000	210.3	15.25	6.078	24	0.05	0%	0
025.43	Iron, ICP, Microwave (ppm)	0675	213.4	4.960	210.3	15.25	6.078	24	0.20	1%	0
025.43	Iron, ICP, Microwave (ppm)	0510	216.0	0.0000	210.3	15.25	6.078	24	0.37	1%	0
025.43	Iron, ICP, Microwave (ppm)	0968	217.2	0.1300	210.3	15.25	6.078	24	0.45	2%	0
025.43	Iron, ICP, Microwave (ppm)	2192	219.5	11.00	210.3	15.25	6.078	24	0.60	2%	0
025.43	Iron, ICP, Microwave (ppm)	0425	220.6	9.900	210.3	15.25	6.078	24	0.67	2%	0
025.43	Iron, ICP, Microwave (ppm)	0098	226.6	18.70	210.3	15.25	6.078	24	1.07	4%	0
025.43	Iron, ICP, Microwave (ppm)	0035	227.5	13.00	210.3	15.25	6.078	24	1.13	4%	0
025.43	Iron, ICP, Microwave (ppm)	0353	229.0	18.00	210.3	15.25	6.078	24	1.23	4%	0
025.43	Iron, ICP, Microwave (ppm)	0027	250.3	3.252	210.3	15.25	6.078	24	2.62	10%	0
025.43	Iron, ICP, Microwave (ppm)	2089	284.5	6.580	210.3	15.25	6.078	24	4.87	18%	0
025.52	Iron, ICP-MS, Open vessel (ppm)	0154	191.0	1.400				2			0
025.52	Iron, ICP-MS, Open vessel (ppm)	0047	397.8	17.40				2			0
025.53	Iron, ICP-MS, Microwave (ppm)	0553	189.0	2.000				3			0
025.53	Iron, ICP-MS, Microwave (ppm)	0939	214.5	1.000				3			0
025.53	Iron, ICP-MS, Microwave (ppm)	0407	218.4	8.232				3			0
025.99	Iron, Miscellaneous (ppm)	0242	204.0	14.00				3			0
025.99	Iron, Miscellaneous (ppm)	0100	210.0	8.000				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			
025.99	Iron, Miscellaneous (ppm)	2302	231.0	10.00				3			0
027.31	Magnesium, AAS, Dry ash (%)	0001	0.1561	0.0010	0.1773	0.0140	0.0030	10	-1.51	6%	0
027.31	Magnesium, AAS, Dry ash (%)	0939	0.1700	0.0000	0.1773	0.0140	0.0030	10	-0.52	2%	0
027.31	Magnesium, AAS, Dry ash (%)	2196	0.1700	0.0000	0.1773	0.0140	0.0030	10	-0.52	2%	0
027.31	Magnesium, AAS, Dry ash (%)	2246	0.1703	0.0044	0.1773	0.0140	0.0030	10	-0.50	2%	0
027.31	Magnesium, AAS, Dry ash (%)	0038	0.1735	0.0030	0.1773	0.0140	0.0030	10	-0.27	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0142	0.1752	0.0070	0.1773	0.0140	0.0030	10	-0.15	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0563	0.1794	0.0041	0.1773	0.0140	0.0030	10	0.15	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0536	0.1900	0.0000	0.1773	0.0140	0.0030	10	0.91	4%	0
027.31	Magnesium, AAS, Dry ash (%)	0656	0.1900	0.0000	0.1773	0.0140	0.0030	10	0.91	4%	0
027.31	Magnesium, AAS, Dry ash (%)	0529	0.3250	0.0100	0.1773	0.0140	0.0030	10	10.54	42%	0
027.32	Magnesium, AAS, Open vessel (%)	0169	0.1400	0.0200				1			0
027.41	Magnesium, ICP, Dry ash (%)	0066	0.1550	0.0040	0.1693	0.0088	0.0027	13	-1.62	4%	0
027.41	Magnesium, ICP, Dry ash (%)	0407	0.1563	0.0050	0.1693	0.0088	0.0027	13	-1.48	4%	0
027.41	Magnesium, ICP, Dry ash (%)	0229	0.1650	0.0100	0.1693	0.0088	0.0027	13	-0.49	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0358	0.1650	0.0100	0.1693	0.0088	0.0027	13	-0.49	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0520	0.1650	0.0040	0.1693	0.0088	0.0027	13	-0.49	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0049	0.1700	0.0000	0.1693	0.0088	0.0027	13	0.07	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0098	0.1700	0.0000	0.1693	0.0088	0.0027	13	0.07	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0910	0.1700	0.0000	0.1693	0.0088	0.0027	13	0.07	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0148	0.1720	0.0000	0.1693	0.0088	0.0027	13	0.30	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0598	0.1757	0.0009	0.1693	0.0088	0.0027	13	0.71	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0354	0.1765	0.0010	0.1693	0.0088	0.0027	13	0.81	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0226	0.1800	0.0000	0.1693	0.0088	0.0027	13	1.21	3%	0
027.41	Magnesium, ICP, Dry ash (%)	0674	0.1800	0.0000	0.1693	0.0088	0.0027	13	1.21	3%	0
027.41	Magnesium, ICP, Dry ash (%)	0019	0.1500	0.1000	0.1693	0.0088	0.0027	13	-2.19	6%	1
027.42	Magnesium, ICP, Open vessel (%)	2129	0.1489	0.0028	0.1745	0.0139	0.0043	22	-1.85	7%	0
027.42	Magnesium, ICP, Open vessel (%)	0870	0.1599	0.0112	0.1745	0.0139	0.0043	22	-1.05	4%	0
027.42	Magnesium, ICP, Open vessel (%)	0265	0.1600	0.0000	0.1745	0.0139	0.0043	22	-1.05	4%	0
027.42	Magnesium, ICP, Open vessel (%)	2319	0.1600	0.0000	0.1745	0.0139	0.0043	22	-1.05	4%	0
027.42	Magnesium, ICP, Open vessel (%)	0042	0.1625	0.0090	0.1745	0.0139	0.0043	22	-0.87	3%	0
027.42	Magnesium, ICP, Open vessel (%)	0045	0.1675	0.0090	0.1745	0.0139	0.0043	22	-0.51	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0186	0.1693	0.0035	0.1745	0.0139	0.0043	22	-0.38	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0263	0.1700	0.0020	0.1745	0.0139	0.0043	22	-0.33	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0294	0.1700	0.0000	0.1745	0.0139	0.0043	22	-0.33	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0685	0.1700	0.0020	0.1745	0.0139	0.0043	22	-0.33	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0726	0.1700	0.0000	0.1745	0.0139	0.0043	22	-0.33	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0037	0.1710	0.0000	0.1745	0.0139	0.0043	22	-0.26	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0009	0.1749	0.0079	0.1745	0.0139	0.0043	22	0.02	0%	0
027.42	Magnesium, ICP, Open vessel (%)	0357	0.1769	0.0002	0.1745	0.0139	0.0043	22	0.17	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0035	0.1800	0.0000	0.1745	0.0139	0.0043	22	0.39	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0366	0.1800	0.0000	0.1745	0.0139	0.0043	22	0.39	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			
027.42	Magnesium, ICP, Open vessel (%)	0190	0.1850	0.0100	0.1745	0.0139	0.0043	22	0.75	3%	0
027.42	Magnesium, ICP, Open vessel (%)	0692	0.1850	0.0100	0.1745	0.0139	0.0043	22	0.75	3%	0
027.42	Magnesium, ICP, Open vessel (%)	0693	0.1890	0.0080	0.1745	0.0139	0.0043	22	1.04	4%	0
027.42	Magnesium, ICP, Open vessel (%)	0278	0.1950	0.0100	0.1745	0.0139	0.0043	22	1.47	6%	0
027.42	Magnesium, ICP, Open vessel (%)	2375	0.1950	0.0100	0.1745	0.0139	0.0043	22	1.47	6%	0
027.42	Magnesium, ICP, Open vessel (%)	0504	0.2530	0.0000	0.1745	0.0139	0.0043	22	5.65	22%	0
027.43	Magnesium, ICP, Microwave (%)	0870	0.1521	0.0062	0.1718	0.0096	0.0036	25	-2.06	6%	0
027.43	Magnesium, ICP, Microwave (%)	0083	0.1550	0.0100	0.1718	0.0096	0.0036	25	-1.75	5%	0
027.43	Magnesium, ICP, Microwave (%)	0407	0.1559	0.0001	0.1718	0.0096	0.0036	25	-1.67	5%	0
027.43	Magnesium, ICP, Microwave (%)	0505	0.1600	0.0000	0.1718	0.0096	0.0036	25	-1.23	3%	0
027.43	Magnesium, ICP, Microwave (%)	0202	0.1650	0.0100	0.1718	0.0096	0.0036	25	-0.71	2%	0
027.43	Magnesium, ICP, Microwave (%)	0675	0.1650	0.0100	0.1718	0.0096	0.0036	25	-0.71	2%	0
027.43	Magnesium, ICP, Microwave (%)	0425	0.1683	0.0023	0.1718	0.0096	0.0036	25	-0.37	1%	0
027.43	Magnesium, ICP, Microwave (%)	0345	0.1685	0.0010	0.1718	0.0096	0.0036	25	-0.35	1%	0
027.43	Magnesium, ICP, Microwave (%)	0918	0.1685	0.0050	0.1718	0.0096	0.0036	25	-0.35	1%	0
027.43	Magnesium, ICP, Microwave (%)	0968	0.1690	0.0020	0.1718	0.0096	0.0036	25	-0.29	1%	0
027.43	Magnesium, ICP, Microwave (%)	0510	0.1700	0.0000	0.1718	0.0096	0.0036	25	-0.19	1%	0
027.43	Magnesium, ICP, Microwave (%)	0511	0.1700	0.0000	0.1718	0.0096	0.0036	25	-0.19	1%	0
027.43	Magnesium, ICP, Microwave (%)	2192	0.1700	0.0000	0.1718	0.0096	0.0036	25	-0.19	1%	0
027.43	Magnesium, ICP, Microwave (%)	0033	0.1715	0.0030	0.1718	0.0096	0.0036	25	-0.03	0%	0
027.43	Magnesium, ICP, Microwave (%)	0876	0.1740	0.0060	0.1718	0.0096	0.0036	25	0.23	1%	0
027.43	Magnesium, ICP, Microwave (%)	0017	0.1746	0.0077	0.1718	0.0096	0.0036	25	0.29	1%	0
027.43	Magnesium, ICP, Microwave (%)	0043	0.1785	0.0070	0.1718	0.0096	0.0036	25	0.70	2%	0
027.43	Magnesium, ICP, Microwave (%)	0011	0.1800	0.0000	0.1718	0.0096	0.0036	25	0.86	2%	0
027.43	Magnesium, ICP, Microwave (%)	0035	0.1800	0.0000	0.1718	0.0096	0.0036	25	0.86	2%	0
027.43	Magnesium, ICP, Microwave (%)	0610	0.1800	0.0000	0.1718	0.0096	0.0036	25	0.86	2%	0
027.43	Magnesium, ICP, Microwave (%)	0668	0.1800	0.0000	0.1718	0.0096	0.0036	25	0.86	2%	0
027.43	Magnesium, ICP, Microwave (%)	0682	0.1800	0.0000	0.1718	0.0096	0.0036	25	0.86	2%	0
027.43	Magnesium, ICP, Microwave (%)	2089	0.1800	0.0000	0.1718	0.0096	0.0036	25	0.86	2%	0
027.43	Magnesium, ICP, Microwave (%)	0098	0.1850	0.0100	0.1718	0.0096	0.0036	25	1.38	4%	0
027.43	Magnesium, ICP, Microwave (%)	2363	0.1850	0.0100	0.1718	0.0096	0.0036	25	1.38	4%	0
027.43	Magnesium, ICP, Microwave (%)	0353	0.1700	0.0200	0.1718	0.0096	0.0036	25	-0.19	1%	1
027.44	Magnesium, ICP, Dry ash (%)	0164	0.1715	0.0010				1			0
027.52	Magnesium, ICP-MS, Open vessel (%)	0154	0.1675	0.0040				3			0
027.52	Magnesium, ICP-MS, Open vessel (%)	0186	0.1705	0.0104				3			0
027.52	Magnesium, ICP-MS, Open vessel (%)	0047	0.2345	0.0030				3			0
027.53	Magnesium, ICP-MS, Microwave (%)	0553	0.1550	0.0080				3			0
027.53	Magnesium, ICP-MS, Microwave (%)	0407	0.1738	0.0064				3			0
027.53	Magnesium, ICP-MS, Microwave (%)	0939	0.1900	0.0200				3			0
027.99	Magnesium, Miscellaneous (%)	0242	0.1700	0.0000				2			0
027.99	Magnesium, Miscellaneous (%)	0590	0.1700	0.0000				2			0
027.99	Magnesium, Miscellaneous (%)	0100	0.1650	0.0100				2			1

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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
027.99	Magnesium, Miscellaneous (%)	2302	0.1200	0.0000				2			2
028.31	Manganese, AAS, Dry ash (ppm)	0536	48.53	0.8500	65.56	11.04	0.9609	10	-1.54	13%	0
028.31	Manganese, AAS, Dry ash (ppm)	0689	51.95	0.1000	65.56	11.04	0.9609	10	-1.23	10%	0
028.31	Manganese, AAS, Dry ash (ppm)	0563	61.37	3.179	65.56	11.04	0.9609	10	-0.38	3%	0
028.31	Manganese, AAS, Dry ash (ppm)	0939	66.22	0.2100	65.56	11.04	0.9609	10	0.06	0%	0
028.31	Manganese, AAS, Dry ash (ppm)	0884	66.40	0.0000	65.56	11.04	0.9609	10	0.08	1%	0
028.31	Manganese, AAS, Dry ash (ppm)	2196	66.75	0.0000	65.56	11.04	0.9609	10	0.11	1%	0
028.31	Manganese, AAS, Dry ash (ppm)	0001	68.40	1.410	65.56	11.04	0.9609	10	0.26	2%	0
028.31	Manganese, AAS, Dry ash (ppm)	0656	68.86	0.0000	65.56	11.04	0.9609	10	0.30	3%	0
028.31	Manganese, AAS, Dry ash (ppm)	0529	74.57	1.870	65.56	11.04	0.9609	10	0.82	7%	0
028.31	Manganese, AAS, Dry ash (ppm)	2188	132.6	1.990	65.56	11.04	0.9609	10	6.07	51%	0
028.32	Manganese, AAS, Open vessel (ppm)	0038	69.50	0.6000				1			0
028.34	Manganese, AAS, Dry ash (ppm)	2246	69.63	0.4800				1			0
028.41	Manganese, ICP, Dry ash (ppm)	0354	61.12	0.4300	65.30	3.107	1.979	13	-1.35	3%	0
028.41	Manganese, ICP, Dry ash (ppm)	0520	62.00	1.452	65.30	3.107	1.979	13	-1.06	3%	0
028.41	Manganese, ICP, Dry ash (ppm)	0229	63.26	1.910	65.30	3.107	1.979	13	-0.66	2%	0
028.41	Manganese, ICP, Dry ash (ppm)	0358	63.48	5.030	65.30	3.107	1.979	13	-0.59	1%	0
028.41	Manganese, ICP, Dry ash (ppm)	0598	63.60	0.4887	65.30	3.107	1.979	13	-0.55	1%	0
028.41	Manganese, ICP, Dry ash (ppm)	0407	63.63	0.6493	65.30	3.107	1.979	13	-0.54	1%	0
028.41	Manganese, ICP, Dry ash (ppm)	0049	65.06	3.950	65.30	3.107	1.979	13	-0.08	0%	0
028.41	Manganese, ICP, Dry ash (ppm)	0910	66.00	2.000	65.30	3.107	1.979	13	0.22	1%	0
028.41	Manganese, ICP, Dry ash (ppm)	0226	66.91	1.370	65.30	3.107	1.979	13	0.52	1%	0
028.41	Manganese, ICP, Dry ash (ppm)	0098	67.26	2.590	65.30	3.107	1.979	13	0.63	1%	0
028.41	Manganese, ICP, Dry ash (ppm)	0019	67.50	3.000	65.30	3.107	1.979	13	0.71	2%	0
028.41	Manganese, ICP, Dry ash (ppm)	0148	69.38	2.860	65.30	3.107	1.979	13	1.31	3%	0
028.41	Manganese, ICP, Dry ash (ppm)	0674	69.78	0.0000	65.30	3.107	1.979	13	1.44	3%	0
028.42	Manganese, ICP, Open vessel (ppm)	0278	62.50	5.000	70.38	5.714	2.656	22	-1.38	6%	0
028.42	Manganese, ICP, Open vessel (ppm)	0009	63.50	5.000	70.38	5.714	2.656	22	-1.20	5%	0
028.42	Manganese, ICP, Open vessel (ppm)	0685	63.80	0.2000	70.38	5.714	2.656	22	-1.15	5%	0
028.42	Manganese, ICP, Open vessel (ppm)	0870	64.29	1.670	70.38	5.714	2.656	22	-1.07	4%	0
028.42	Manganese, ICP, Open vessel (ppm)	0045	65.00	5.600	70.38	5.714	2.656	22	-0.94	4%	0
028.42	Manganese, ICP, Open vessel (ppm)	0294	65.92	1.160	70.38	5.714	2.656	22	-0.78	3%	0
028.42	Manganese, ICP, Open vessel (ppm)	0263	66.22	1.334	70.38	5.714	2.656	22	-0.73	3%	0
028.42	Manganese, ICP, Open vessel (ppm)	0366	67.00	6.000	70.38	5.714	2.656	22	-0.59	2%	0
028.42	Manganese, ICP, Open vessel (ppm)	0693	69.13	2.098	70.38	5.714	2.656	22	-0.22	1%	0
028.42	Manganese, ICP, Open vessel (ppm)	0035	69.50	1.000	70.38	5.714	2.656	22	-0.15	1%	0
028.42	Manganese, ICP, Open vessel (ppm)	2129	70.33	4.030	70.38	5.714	2.656	22	-0.01	0%	0
028.42	Manganese, ICP, Open vessel (ppm)	0042	70.35	3.100	70.38	5.714	2.656	22	-0.01	0%	0
028.42	Manganese, ICP, Open vessel (ppm)	2319	72.35	2.900	70.38	5.714	2.656	22	0.34	1%	0
028.42	Manganese, ICP, Open vessel (ppm)	0265	72.50	7.000	70.38	5.714	2.656	22	0.37	2%	0
028.42	Manganese, ICP, Open vessel (ppm)	0692	72.50	0.4000	70.38	5.714	2.656	22	0.37	2%	0
028.42	Manganese, ICP, Open vessel (ppm)	0357	74.30	0.2460	70.38	5.714	2.656	22	0.69	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			
028.42	Manganese, ICP, Open vessel (ppm)	0037	75.40	1.600	70.38	5.714	2.656	22	0.88	4%	0
028.42	Manganese, ICP, Open vessel (ppm)	0190	75.83	0.0500	70.38	5.714	2.656	22	0.95	4%	0
028.42	Manganese, ICP, Open vessel (ppm)	2375	76.00	2.000	70.38	5.714	2.656	22	0.98	4%	0
028.42	Manganese, ICP, Open vessel (ppm)	0726	76.16	0.4500	70.38	5.714	2.656	22	1.01	4%	0
028.42	Manganese, ICP, Open vessel (ppm)	0186	76.85	2.500	70.38	5.714	2.656	22	1.13	5%	0
028.42	Manganese, ICP, Open vessel (ppm)	0504	109.5	5.100	70.38	5.714	2.656	22	6.84	28%	0
028.43	Manganese, ICP, Microwave (ppm)	0043	33.46	4.393	68.63	4.404	2.989	24	-7.99	26%	0
028.43	Manganese, ICP, Microwave (ppm)	0505	61.98	0.3800	68.63	4.404	2.989	24	-1.51	5%	0
028.43	Manganese, ICP, Microwave (ppm)	0870	62.48	3.370	68.63	4.404	2.989	24	-1.40	4%	0
028.43	Manganese, ICP, Microwave (ppm)	0511	63.00	2.000	68.63	4.404	2.989	24	-1.28	4%	0
028.43	Manganese, ICP, Microwave (ppm)	0425	64.39	0.3200	68.63	4.404	2.989	24	-0.96	3%	0
028.43	Manganese, ICP, Microwave (ppm)	0083	64.42	1.380	68.63	4.404	2.989	24	-0.96	3%	0
028.43	Manganese, ICP, Microwave (ppm)	0510	66.50	1.000	68.63	4.404	2.989	24	-0.48	2%	0
028.43	Manganese, ICP, Microwave (ppm)	0407	66.79	0.1923	68.63	4.404	2.989	24	-0.42	1%	0
028.43	Manganese, ICP, Microwave (ppm)	0035	68.00	0.0000	68.63	4.404	2.989	24	-0.14	0%	0
028.43	Manganese, ICP, Microwave (ppm)	0017	68.24	11.26	68.63	4.404	2.989	24	-0.09	0%	0
028.43	Manganese, ICP, Microwave (ppm)	0675	68.37	3.010	68.63	4.404	2.989	24	-0.06	0%	0
028.43	Manganese, ICP, Microwave (ppm)	0876	69.55	3.100	68.63	4.404	2.989	24	0.21	1%	0
028.43	Manganese, ICP, Microwave (ppm)	0682	69.57	0.0000	68.63	4.404	2.989	24	0.21	1%	0
028.43	Manganese, ICP, Microwave (ppm)	0918	69.57	2.940	68.63	4.404	2.989	24	0.21	1%	0
028.43	Manganese, ICP, Microwave (ppm)	0345	70.99	1.220	68.63	4.404	2.989	24	0.53	2%	0
028.43	Manganese, ICP, Microwave (ppm)	0098	71.39	2.630	68.63	4.404	2.989	24	0.62	2%	0
028.43	Manganese, ICP, Microwave (ppm)	2089	71.50	3.160	68.63	4.404	2.989	24	0.65	2%	0
028.43	Manganese, ICP, Microwave (ppm)	0033	71.60	11.40	68.63	4.404	2.989	24	0.67	2%	0
028.43	Manganese, ICP, Microwave (ppm)	0968	71.73	0.7160	68.63	4.404	2.989	24	0.70	2%	0
028.43	Manganese, ICP, Microwave (ppm)	0610	71.85	8.300	68.63	4.404	2.989	24	0.73	2%	0
028.43	Manganese, ICP, Microwave (ppm)	0027	72.08	1.468	68.63	4.404	2.989	24	0.78	3%	0
028.43	Manganese, ICP, Microwave (ppm)	0353	72.50	3.000	68.63	4.404	2.989	24	0.88	3%	0
028.43	Manganese, ICP, Microwave (ppm)	0668	73.50	1.000	68.63	4.404	2.989	24	1.10	4%	0
028.43	Manganese, ICP, Microwave (ppm)	0202	75.15	5.500	68.63	4.404	2.989	24	1.48	5%	0
028.44	Manganese, ICP, Dry ash (ppm)	0066	64.04	3.140				2			0
028.44	Manganese, ICP, Dry ash (ppm)	0164	69.50	1.000				2			0
028.52	Manganese, ICP-MS, Open vessel (ppm)	0186	74.70	1.800				2			0
028.52	Manganese, ICP-MS, Open vessel (ppm)	0047	115.5	1.350				2			0
028.53	Manganese, ICP-MS, Microwave (ppm)	0553	64.55	4.900	70.60	6.618	5.049	4			0
028.53	Manganese, ICP-MS, Microwave (ppm)	0939	65.29	2.150	70.60	6.618	5.049	4			0
028.53	Manganese, ICP-MS, Microwave (ppm)	2192	75.30	0.6000	70.60	6.618	5.049	4			0
028.53	Manganese, ICP-MS, Microwave (ppm)	0407	77.27	12.55	70.60	6.618	5.049	4			0
028.99	Manganese, Miscellaneous (ppm)	0590	56.05	0.9000	69.64	10.85	2.475	4			0
028.99	Manganese, Miscellaneous (ppm)	0242	67.50	1.000	69.64	10.85	2.475	4			0
028.99	Manganese, Miscellaneous (ppm)	0100	73.00	4.000	69.64	10.85	2.475	4			0
028.99	Manganese, Miscellaneous (ppm)	2302	82.00	4.000	69.64	10.85	2.475	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			
030.01	Nitrate, Ion-selective electrode (%)	0357	0.0014	0.0000				1			0
031.01	Phosphorus, Photometric (%)	0018	0.4460	0.0160	0.4873	0.0195	0.0157	34	-2.12	4%	0
031.01	Phosphorus, Photometric (%)	0646	0.4550	0.0100	0.4873	0.0195	0.0157	34	-1.66	3%	0
031.01	Phosphorus, Photometric (%)	0939	0.4600	0.0200	0.4873	0.0195	0.0157	34	-1.40	3%	0
031.01	Phosphorus, Photometric (%)	2246	0.4600	0.0000	0.4873	0.0195	0.0157	34	-1.40	3%	0
031.01	Phosphorus, Photometric (%)	0108	0.4650	0.0700	0.4873	0.0195	0.0157	34	-1.14	2%	0
031.01	Phosphorus, Photometric (%)	2188	0.4700	0.0000	0.4873	0.0195	0.0157	34	-0.89	2%	0
031.01	Phosphorus, Photometric (%)	2196	0.4700	0.0000	0.4873	0.0195	0.0157	34	-0.89	2%	0
031.01	Phosphorus, Photometric (%)	0590	0.4750	0.0100	0.4873	0.0195	0.0157	34	-0.63	1%	0
031.01	Phosphorus, Photometric (%)	2337	0.4750	0.0100	0.4873	0.0195	0.0157	34	-0.63	1%	0
031.01	Phosphorus, Photometric (%)	0651	0.4771	0.0185	0.4873	0.0195	0.0157	34	-0.53	1%	0
031.01	Phosphorus, Photometric (%)	0622	0.4777	0.0033	0.4873	0.0195	0.0157	34	-0.50	1%	0
031.01	Phosphorus, Photometric (%)	0689	0.4800	0.0200	0.4873	0.0195	0.0157	34	-0.37	1%	0
031.01	Phosphorus, Photometric (%)	0142	0.4815	0.0039	0.4873	0.0195	0.0157	34	-0.30	1%	0
031.01	Phosphorus, Photometric (%)	0626	0.4840	0.0080	0.4873	0.0195	0.0157	34	-0.17	0%	0
031.01	Phosphorus, Photometric (%)	0948	0.4850	0.0100	0.4873	0.0195	0.0157	34	-0.12	0%	0
031.01	Phosphorus, Photometric (%)	2009	0.4884	0.0011	0.4873	0.0195	0.0157	34	0.05	0%	0
031.01	Phosphorus, Photometric (%)	0038	0.4895	0.0310	0.4873	0.0195	0.0157	34	0.11	0%	0
031.01	Phosphorus, Photometric (%)	0687	0.4900	0.0600	0.4873	0.0195	0.0157	34	0.14	0%	0
031.01	Phosphorus, Photometric (%)	2181	0.4900	0.0200	0.4873	0.0195	0.0157	34	0.14	0%	0
031.01	Phosphorus, Photometric (%)	0563	0.4913	0.0152	0.4873	0.0195	0.0157	34	0.20	0%	0
031.01	Phosphorus, Photometric (%)	2190	0.4918	0.0154	0.4873	0.0195	0.0157	34	0.23	0%	0
031.01	Phosphorus, Photometric (%)	2109	0.4920	0.0260	0.4873	0.0195	0.0157	34	0.24	0%	0
031.01	Phosphorus, Photometric (%)	0885	0.4933	0.0074	0.4873	0.0195	0.0157	34	0.31	1%	0
031.01	Phosphorus, Photometric (%)	0596	0.4950	0.0100	0.4873	0.0195	0.0157	34	0.39	1%	0
031.01	Phosphorus, Photometric (%)	2192	0.4950	0.0100	0.4873	0.0195	0.0157	34	0.39	1%	0
031.01	Phosphorus, Photometric (%)	2340	0.4950	0.0020	0.4873	0.0195	0.0157	34	0.39	1%	0
031.01	Phosphorus, Photometric (%)	0529	0.5000	0.0400	0.4873	0.0195	0.0157	34	0.65	1%	0
031.01	Phosphorus, Photometric (%)	2199	0.5000	0.0000	0.4873	0.0195	0.0157	34	0.65	1%	0
031.01	Phosphorus, Photometric (%)	0884	0.5050	0.0700	0.4873	0.0195	0.0157	34	0.91	2%	0
031.01	Phosphorus, Photometric (%)	2022	0.5100	0.0000	0.4873	0.0195	0.0157	34	1.16	2%	0
031.01	Phosphorus, Photometric (%)	2006	0.5200	0.0160	0.4873	0.0195	0.0157	34	1.67	3%	0
031.01	Phosphorus, Photometric (%)	2325	0.5250	0.0100	0.4873	0.0195	0.0157	34	1.93	4%	0
031.01	Phosphorus, Photometric (%)	0656	0.5400	0.0000	0.4873	0.0195	0.0157	34	2.70	5%	0
031.01	Phosphorus, Photometric (%)	2302	0.5400	0.0000	0.4873	0.0195	0.0157	34	2.70	5%	0
031.03	Phosphorus, Autoanalyzer (%)	0001	0.4763	0.0033				2			0
031.03	Phosphorus, Autoanalyzer (%)	0169	0.5000	0.0400				2			0
031.06	Phosphorus, Hach Method (%)	0536	0.4550	0.0100				1			0
031.41	Phosphorus, ICP, Dry ash (%)	0520	0.4535	0.0130	0.4896	0.0190	0.0093	16	-1.90	4%	0
031.41	Phosphorus, ICP, Dry ash (%)	0685	0.4675	0.0050	0.4896	0.0190	0.0093	16	-1.16	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0910	0.4700	0.0000	0.4896	0.0190	0.0093	16	-1.03	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0229	0.4750	0.0300	0.4896	0.0190	0.0093	16	-0.77	1%	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	
031.41	Phosphorus, ICP, Dry ash (%)	0358	0.4800	0.0200	0.4896	0.0190	0.0093	16	-0.51	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0674	0.4800	0.0000	0.4896	0.0190	0.0093	16	-0.51	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0848	0.4850	0.0100	0.4896	0.0190	0.0093	16	-0.24	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0598	0.4905	0.0022	0.4896	0.0190	0.0093	16	0.05	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0407	0.4911	0.0161	0.4896	0.0190	0.0093	16	0.08	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0144	0.4950	0.0100	0.4896	0.0190	0.0093	16	0.28	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0354	0.4970	0.0020	0.4896	0.0190	0.0093	16	0.39	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0019	0.5000	0.0000	0.4896	0.0190	0.0093	16	0.55	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0049	0.5000	0.0200	0.4896	0.0190	0.0093	16	0.55	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0098	0.5091	0.0076	0.4896	0.0190	0.0093	16	1.02	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0148	0.5145	0.0030	0.4896	0.0190	0.0093	16	1.31	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0226	0.5250	0.0100	0.4896	0.0190	0.0093	16	1.86	4%	0
031.42	Phosphorus, ICP, Open vessel (%)	0294	0.4450	0.0100	0.4986	0.0355	0.0154	22	-1.51	5%	0
031.42	Phosphorus, ICP, Open vessel (%)	2129	0.4627	0.0073	0.4986	0.0355	0.0154	22	-1.01	4%	0
031.42	Phosphorus, ICP, Open vessel (%)	0037	0.4660	0.0060	0.4986	0.0355	0.0154	22	-0.92	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	0047	0.4700	0.0200	0.4986	0.0355	0.0154	22	-0.81	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	0278	0.4700	0.0600	0.4986	0.0355	0.0154	22	-0.81	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	0693	0.4700	0.0120	0.4986	0.0355	0.0154	22	-0.81	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	0186	0.4752	0.0097	0.4986	0.0355	0.0154	22	-0.66	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0265	0.4800	0.0000	0.4986	0.0355	0.0154	22	-0.52	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0009	0.4801	0.0029	0.4986	0.0355	0.0154	22	-0.52	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0045	0.4805	0.0330	0.4986	0.0355	0.0154	22	-0.51	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0042	0.4920	0.0120	0.4986	0.0355	0.0154	22	-0.19	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0035	0.4950	0.0100	0.4986	0.0355	0.0154	22	-0.10	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0366	0.4950	0.0100	0.4986	0.0355	0.0154	22	-0.10	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0190	0.5150	0.0300	0.4986	0.0355	0.0154	22	0.46	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0263	0.5215	0.0090	0.4986	0.0355	0.0154	22	0.64	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	2319	0.5230	0.0040	0.4986	0.0355	0.0154	22	0.69	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0726	0.5250	0.0100	0.4986	0.0355	0.0154	22	0.74	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	0870	0.5319	0.0143	0.4986	0.0355	0.0154	22	0.94	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	0357	0.5350	0.0064	0.4986	0.0355	0.0154	22	1.02	4%	0
031.42	Phosphorus, ICP, Open vessel (%)	0692	0.5350	0.0300	0.4986	0.0355	0.0154	22	1.02	4%	0
031.42	Phosphorus, ICP, Open vessel (%)	2375	0.5500	0.0400	0.4986	0.0355	0.0154	22	1.45	5%	0
031.42	Phosphorus, ICP, Open vessel (%)	0504	0.6880	0.0020	0.4986	0.0355	0.0154	22	5.33	19%	0
031.43	Phosphorus, ICP, Microwave (%)	0202	0.4450	0.0500	0.4936	0.0277	0.0141	28	-1.76	5%	0
031.43	Phosphorus, ICP, Microwave (%)	0001	0.4525	0.0010	0.4936	0.0277	0.0141	28	-1.49	4%	0
031.43	Phosphorus, ICP, Microwave (%)	0083	0.4600	0.0000	0.4936	0.0277	0.0141	28	-1.21	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0682	0.4600	0.0000	0.4936	0.0277	0.0141	28	-1.21	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0010	0.4750	0.0100	0.4936	0.0277	0.0141	28	-0.67	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0511	0.4750	0.0100	0.4936	0.0277	0.0141	28	-0.67	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0918	0.4785	0.0110	0.4936	0.0277	0.0141	28	-0.55	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0353	0.4800	0.0000	0.4936	0.0277	0.0141	28	-0.49	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
031.43	Phosphorus, ICP, Microwave (%)	0505	0.4800	0.0000	0.4936	0.0277	0.0141	28	-0.49	1%	0
031.43	Phosphorus, ICP, Microwave (%)	2363	0.4800	0.0400	0.4936	0.0277	0.0141	28	-0.49	1%	0
031.43	Phosphorus, ICP, Microwave (%)	2089	0.4850	0.0500	0.4936	0.0277	0.0141	28	-0.31	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0407	0.4873	0.0131	0.4936	0.0277	0.0141	28	-0.23	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0035	0.4900	0.0000	0.4936	0.0277	0.0141	28	-0.13	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0668	0.4900	0.0200	0.4936	0.0277	0.0141	28	-0.13	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0033	0.4905	0.0210	0.4936	0.0277	0.0141	28	-0.11	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0345	0.4945	0.0030	0.4936	0.0277	0.0141	28	0.03	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0675	0.4950	0.0100	0.4936	0.0277	0.0141	28	0.05	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0017	0.4971	0.0396	0.4936	0.0277	0.0141	28	0.13	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0610	0.5000	0.0000	0.4936	0.0277	0.0141	28	0.23	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0968	0.5010	0.0040	0.4936	0.0277	0.0141	28	0.27	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0036	0.5064	0.0097	0.4936	0.0277	0.0141	28	0.46	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0510	0.5100	0.0000	0.4936	0.0277	0.0141	28	0.59	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0876	0.5195	0.0010	0.4936	0.0277	0.0141	28	0.94	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0870	0.5255	0.0181	0.4936	0.0277	0.0141	28	1.15	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0043	0.5308	0.0211	0.4936	0.0277	0.0141	28	1.34	4%	0
031.43	Phosphorus, ICP, Microwave (%)	0098	0.5416	0.0321	0.4936	0.0277	0.0141	28	1.73	5%	0
031.43	Phosphorus, ICP, Microwave (%)	0011	0.5450	0.0100	0.4936	0.0277	0.0141	28	1.86	5%	0
031.43	Phosphorus, ICP, Microwave (%)	0425	0.7000	0.0200	0.4936	0.0277	0.0141	28	7.46	21%	0
031.44	Phosphorus, ICP, Dry ash (%)	0066	0.4635	0.0130				2			0
031.44	Phosphorus, ICP, Dry ash (%)	0164	0.4780	0.0020				2			0
031.52	Phosphorus, ICP-MS, Open vessel (%)	0186	0.4644	0.0335				2			0
031.52	Phosphorus, ICP-MS, Open vessel (%)	0154	0.4930	0.0026				2			0
031.53	Phosphorus, ICP-MS, Microwave (%)	0553	0.4090	0.0040				3			0
031.53	Phosphorus, ICP-MS, Microwave (%)	0939	0.4600	0.0400				3			0
031.53	Phosphorus, ICP-MS, Microwave (%)	0407	0.4693	0.0189				3			0
031.99	Phosphorus, Miscellaneous (%)	0242	0.4700	0.0000				3			0
031.99	Phosphorus, Miscellaneous (%)	0100	0.4750	0.0100				3			0
031.99	Phosphorus, Miscellaneous (%)	0676	0.4750	0.0100				3			0
031.99	Phosphorus, Miscellaneous (%)	2290	0.4950	0.0700				3			1
032.31	Potassium, AAS, Dry ash (%)	0536	0.6250	0.0100	0.7026	0.0567	0.0095	8	-1.37	6%	0
032.31	Potassium, AAS, Dry ash (%)	0563	0.6646	0.0148	0.7026	0.0567	0.0095	8	-0.67	3%	0
032.31	Potassium, AAS, Dry ash (%)	0142	0.6738	0.0106	0.7026	0.0567	0.0095	8	-0.51	2%	0
032.31	Potassium, AAS, Dry ash (%)	0038	0.6790	0.0020	0.7026	0.0567	0.0095	8	-0.42	2%	0
032.31	Potassium, AAS, Dry ash (%)	2246	0.7235	0.0082	0.7026	0.0567	0.0095	8	0.37	1%	0
032.31	Potassium, AAS, Dry ash (%)	0939	0.7300	0.0200	0.7026	0.0567	0.0095	8	0.48	2%	0
032.31	Potassium, AAS, Dry ash (%)	0656	0.7500	0.0000	0.7026	0.0567	0.0095	8	0.84	3%	0
032.31	Potassium, AAS, Dry ash (%)	0529	0.7750	0.0100	0.7026	0.0567	0.0095	8	1.28	5%	0
032.31	Potassium, AAS, Dry ash (%)	0948	0.7900	0.0600	0.7026	0.0567	0.0095	8	1.54	6%	1
032.32	Potassium, AAS, Open vessel (%)	0169	0.5700	0.0400				1			0
032.41	Potassium, ICP, Dry ash (%)	0674	0.5600	0.0000	0.6903	0.0341	0.0141	15	-3.83	9%	0

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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
032.41	Potassium, ICP, Dry ash (%)	0019	0.6000	0.0000	0.6903	0.0341	0.0141	15	-2.65	7%	0
032.41	Potassium, ICP, Dry ash (%)	0229	0.6600	0.0200	0.6903	0.0341	0.0141	15	-0.89	2%	0
032.41	Potassium, ICP, Dry ash (%)	0598	0.6665	0.0002	0.6903	0.0341	0.0141	15	-0.70	2%	0
032.41	Potassium, ICP, Dry ash (%)	0049	0.6800	0.0200	0.6903	0.0341	0.0141	15	-0.30	1%	0
032.41	Potassium, ICP, Dry ash (%)	0144	0.6850	0.0100	0.6903	0.0341	0.0141	15	-0.16	0%	0
032.41	Potassium, ICP, Dry ash (%)	0407	0.6890	0.0156	0.6903	0.0341	0.0141	15	-0.04	0%	0
032.41	Potassium, ICP, Dry ash (%)	0910	0.6900	0.0000	0.6903	0.0341	0.0141	15	-0.01	0%	0
032.41	Potassium, ICP, Dry ash (%)	0358	0.6950	0.0500	0.6903	0.0341	0.0141	15	0.14	0%	0
032.41	Potassium, ICP, Dry ash (%)	0520	0.7010	0.0360	0.6903	0.0341	0.0141	15	0.31	1%	0
032.41	Potassium, ICP, Dry ash (%)	0148	0.7060	0.0020	0.6903	0.0341	0.0141	15	0.46	1%	0
032.41	Potassium, ICP, Dry ash (%)	0226	0.7200	0.0200	0.6903	0.0341	0.0141	15	0.87	2%	0
032.41	Potassium, ICP, Dry ash (%)	0066	0.7210	0.0160	0.6903	0.0341	0.0141	15	0.90	2%	0
032.41	Potassium, ICP, Dry ash (%)	0354	0.7215	0.0010	0.6903	0.0341	0.0141	15	0.92	2%	0
032.41	Potassium, ICP, Dry ash (%)	0098	0.7500	0.0200	0.6903	0.0341	0.0141	15	1.75	4%	0
032.42	Potassium, ICP, Open vessel (%)	2129	0.5938	0.0097	0.7342	0.0549	0.0129	20	-2.56	10%	0
032.42	Potassium, ICP, Open vessel (%)	0870	0.6459	0.0120	0.7342	0.0549	0.0129	20	-1.61	6%	0
032.42	Potassium, ICP, Open vessel (%)	0294	0.6850	0.0100	0.7342	0.0549	0.0129	20	-0.90	3%	0
032.42	Potassium, ICP, Open vessel (%)	0037	0.6950	0.0060	0.7342	0.0549	0.0129	20	-0.71	3%	0
032.42	Potassium, ICP, Open vessel (%)	0265	0.6950	0.0100	0.7342	0.0549	0.0129	20	-0.71	3%	0
032.42	Potassium, ICP, Open vessel (%)	0278	0.7000	0.0600	0.7342	0.0549	0.0129	20	-0.62	2%	0
032.42	Potassium, ICP, Open vessel (%)	0186	0.7082	0.0148	0.7342	0.0549	0.0129	20	-0.47	2%	0
032.42	Potassium, ICP, Open vessel (%)	0045	0.7155	0.0270	0.7342	0.0549	0.0129	20	-0.34	1%	0
032.42	Potassium, ICP, Open vessel (%)	0035	0.7200	0.0000	0.7342	0.0549	0.0129	20	-0.26	1%	0
032.42	Potassium, ICP, Open vessel (%)	0042	0.7240	0.0120	0.7342	0.0549	0.0129	20	-0.19	1%	0
032.42	Potassium, ICP, Open vessel (%)	0357	0.7330	0.0067	0.7342	0.0549	0.0129	20	-0.02	0%	0
032.42	Potassium, ICP, Open vessel (%)	0693	0.7330	0.0020	0.7342	0.0549	0.0129	20	-0.02	0%	0
032.42	Potassium, ICP, Open vessel (%)	0047	0.7500	0.0200	0.7342	0.0549	0.0129	20	0.29	1%	0
032.42	Potassium, ICP, Open vessel (%)	0009	0.7607	0.0112	0.7342	0.0549	0.0129	20	0.48	2%	0
032.42	Potassium, ICP, Open vessel (%)	0366	0.7800	0.0200	0.7342	0.0549	0.0129	20	0.83	3%	0
032.42	Potassium, ICP, Open vessel (%)	0263	0.7850	0.0000	0.7342	0.0549	0.0129	20	0.92	3%	0
032.42	Potassium, ICP, Open vessel (%)	0726	0.7850	0.0100	0.7342	0.0549	0.0129	20	0.92	3%	0
032.42	Potassium, ICP, Open vessel (%)	2375	0.7950	0.0100	0.7342	0.0549	0.0129	20	1.11	4%	0
032.42	Potassium, ICP, Open vessel (%)	0190	0.8000	0.0000	0.7342	0.0549	0.0129	20	1.20	4%	0
032.42	Potassium, ICP, Open vessel (%)	0504	1.032	0.0160	0.7342	0.0549	0.0129	20	5.42	20%	0
032.42	Potassium, ICP, Open vessel (%)	0692	0.7850	0.0700	0.7342	0.0549	0.0129	20	0.92	3%	1
032.43	Potassium, ICP, Microwave (%)	0968	0.6020	0.0100	0.7067	0.0348	0.0146	26	-3.01	7%	0
032.43	Potassium, ICP, Microwave (%)	0870	0.6314	0.0054	0.7067	0.0348	0.0146	26	-2.16	5%	0
032.43	Potassium, ICP, Microwave (%)	2089	0.6550	0.0300	0.7067	0.0348	0.0146	26	-1.49	4%	0
032.43	Potassium, ICP, Microwave (%)	0011	0.6700	0.0200	0.7067	0.0348	0.0146	26	-1.05	3%	0
032.43	Potassium, ICP, Microwave (%)	0610	0.6800	0.0000	0.7067	0.0348	0.0146	26	-0.77	2%	0
032.43	Potassium, ICP, Microwave (%)	0202	0.6850	0.0300	0.7067	0.0348	0.0146	26	-0.62	2%	0
032.43	Potassium, ICP, Microwave (%)	0510	0.6850	0.0100	0.7067	0.0348	0.0146	26	-0.62	2%	0

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032.43	Potassium, ICP, Microwave (%)	0083	0.6950	0.0100	0.7067	0.0348	0.0146	26	-0.34	1%	0
032.43	Potassium, ICP, Microwave (%)	0505	0.6950	0.0100	0.7067	0.0348	0.0146	26	-0.34	1%	0
032.43	Potassium, ICP, Microwave (%)	0918	0.6950	0.0120	0.7067	0.0348	0.0146	26	-0.34	1%	0
032.43	Potassium, ICP, Microwave (%)	0353	0.7000	0.0000	0.7067	0.0348	0.0146	26	-0.19	0%	0
032.43	Potassium, ICP, Microwave (%)	0682	0.7000	0.0000	0.7067	0.0348	0.0146	26	-0.19	0%	0
032.43	Potassium, ICP, Microwave (%)	0017	0.7076	0.0078	0.7067	0.0348	0.0146	26	0.03	0%	0
032.43	Potassium, ICP, Microwave (%)	0033	0.7080	0.0160	0.7067	0.0348	0.0146	26	0.04	0%	0
032.43	Potassium, ICP, Microwave (%)	0345	0.7110	0.0060	0.7067	0.0348	0.0146	26	0.12	0%	0
032.43	Potassium, ICP, Microwave (%)	0035	0.7150	0.0100	0.7067	0.0348	0.0146	26	0.24	1%	0
032.43	Potassium, ICP, Microwave (%)	0511	0.7150	0.0500	0.7067	0.0348	0.0146	26	0.24	1%	0
032.43	Potassium, ICP, Microwave (%)	2363	0.7150	0.0300	0.7067	0.0348	0.0146	26	0.24	1%	0
032.43	Potassium, ICP, Microwave (%)	0407	0.7155	0.0065	0.7067	0.0348	0.0146	26	0.25	1%	0
032.43	Potassium, ICP, Microwave (%)	0010	0.7250	0.0100	0.7067	0.0348	0.0146	26	0.53	1%	0
032.43	Potassium, ICP, Microwave (%)	0668	0.7300	0.0400	0.7067	0.0348	0.0146	26	0.67	2%	0
032.43	Potassium, ICP, Microwave (%)	0098	0.7450	0.0300	0.7067	0.0348	0.0146	26	1.10	3%	0
032.43	Potassium, ICP, Microwave (%)	0675	0.7450	0.0100	0.7067	0.0348	0.0146	26	1.10	3%	0
032.43	Potassium, ICP, Microwave (%)	0043	0.7551	0.0014	0.7067	0.0348	0.0146	26	1.39	3%	0
032.43	Potassium, ICP, Microwave (%)	0876	0.7680	0.0240	0.7067	0.0348	0.0146	26	1.76	4%	0
032.43	Potassium, ICP, Microwave (%)	0425	0.7900	0.0000	0.7067	0.0348	0.0146	26	2.40	6%	0
032.44	Potassium, ICP, Dry ash (%)	0164	0.7065	0.0090				1			0
032.52	Potassium, ICP-MS, Open vessel (%)	0154	0.6571	0.0011				3			0
032.52	Potassium, ICP-MS, Open vessel (%)	0186	0.6836	0.0380				3			0
032.52	Potassium, ICP-MS, Open vessel (%)	2319	0.6850	0.0100				3			0
032.53	Potassium, ICP-MS, Microwave (%)	0553	0.6215	0.0250				3			0
032.53	Potassium, ICP-MS, Microwave (%)	0407	0.7102	0.0053				3			0
032.53	Potassium, ICP-MS, Microwave (%)	0939	0.7200	0.0400				3			0
032.99	Potassium, Miscellaneous (%)	0100	0.6450	0.0300	0.6761	0.0212	0.0152	5			0
032.99	Potassium, Miscellaneous (%)	2302	0.6700	0.0000	0.6761	0.0212	0.0152	5			0
032.99	Potassium, Miscellaneous (%)	0242	0.6750	0.0100	0.6761	0.0212	0.0152	5			0
032.99	Potassium, Miscellaneous (%)	0590	0.6900	0.0200	0.6761	0.0212	0.0152	5			0
032.99	Potassium, Miscellaneous (%)	0001	0.7006	0.0161	0.6761	0.0212	0.0152	5			0
033.00	Salt as chloride, Sol Cl (%)	2009	0.2992	0.0043	0.3805	0.0480	0.0159	18	-1.70	11%	0
033.00	Salt as chloride, Sol Cl (%)	0353	0.3150	0.0100	0.3805	0.0480	0.0159	18	-1.37	9%	0
033.00	Salt as chloride, Sol Cl (%)	0674	0.3300	0.0000	0.3805	0.0480	0.0159	18	-1.05	7%	0
033.00	Salt as chloride, Sol Cl (%)	2196	0.3400	0.0000	0.3805	0.0480	0.0159	18	-0.84	5%	0
033.00	Salt as chloride, Sol Cl (%)	0885	0.3491	0.0049	0.3805	0.0480	0.0159	18	-0.66	4%	0
033.00	Salt as chloride, Sol Cl (%)	0511	0.3500	0.0600	0.3805	0.0480	0.0159	18	-0.64	4%	0
033.00	Salt as chloride, Sol Cl (%)	0675	0.3650	0.0100	0.3805	0.0480	0.0159	18	-0.32	2%	0
033.00	Salt as chloride, Sol Cl (%)	2337	0.3750	0.0100	0.3805	0.0480	0.0159	18	-0.11	1%	0
033.00	Salt as chloride, Sol Cl (%)	0366	0.3800	0.0600	0.3805	0.0480	0.0159	18	-0.01	0%	0
033.00	Salt as chloride, Sol Cl (%)	2193	0.3850	0.0100	0.3805	0.0480	0.0159	18	0.09	1%	0
033.00	Salt as chloride, Sol Cl (%)	0539	0.3950	0.0300	0.3805	0.0480	0.0159	18	0.30	2%	0

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033.00	Salt as chloride, Sol Cl (%)	2022	0.4000	0.0000	0.3805	0.0480	0.0159	18	0.41	3%	0
033.00	Salt as chloride, Sol Cl (%)	0309	0.4010	0.0129	0.3805	0.0480	0.0159	18	0.43	3%	0
033.00	Salt as chloride, Sol Cl (%)	2190	0.4205	0.0133	0.3805	0.0480	0.0159	18	0.83	5%	0
033.00	Salt as chloride, Sol Cl (%)	0693	0.4205	0.0170	0.3805	0.0480	0.0159	18	0.83	5%	0
033.00	Salt as chloride, Sol Cl (%)	0884	0.4250	0.0100	0.3805	0.0480	0.0159	18	0.93	6%	0
033.00	Salt as chloride, Sol Cl (%)	0045	0.4370	0.0160	0.3805	0.0480	0.0159	18	1.18	7%	0
033.00	Salt as chloride, Sol Cl (%)	2076	0.4535	0.0170	0.3805	0.0480	0.0159	18	1.52	10%	0
033.01	Salt as chloride, Poten Cl (%)	0510	0.3960	0.0000	0.4132	0.0123	0.0032	26	-1.40	2%	0
033.01	Salt as chloride, Poten Cl (%)	0003	0.4000	0.0000	0.4132	0.0123	0.0032	26	-1.08	2%	0
033.01	Salt as chloride, Poten Cl (%)	0019	0.4000	0.0000	0.4132	0.0123	0.0032	26	-1.08	2%	0
033.01	Salt as chloride, Poten Cl (%)	0226	0.4000	0.0000	0.4132	0.0123	0.0032	26	-1.08	2%	0
033.01	Salt as chloride, Poten Cl (%)	2109	0.4030	0.0020	0.4132	0.0123	0.0032	26	-0.83	1%	0
033.01	Salt as chloride, Poten Cl (%)	0164	0.4050	0.0100	0.4132	0.0123	0.0032	26	-0.67	1%	0
033.01	Salt as chloride, Poten Cl (%)	0278	0.4050	0.0100	0.4132	0.0123	0.0032	26	-0.67	1%	0
033.01	Salt as chloride, Poten Cl (%)	0590	0.4050	0.0100	0.4132	0.0123	0.0032	26	-0.67	1%	0
033.01	Salt as chloride, Poten Cl (%)	0186	0.4085	0.0002	0.4132	0.0123	0.0032	26	-0.38	1%	0
033.01	Salt as chloride, Poten Cl (%)	0148	0.4095	0.0050	0.4132	0.0123	0.0032	26	-0.30	0%	0
033.01	Salt as chloride, Poten Cl (%)	0001	0.4100	0.0000	0.4132	0.0123	0.0032	26	-0.26	0%	0
033.01	Salt as chloride, Poten Cl (%)	0004	0.4100	0.0000	0.4132	0.0123	0.0032	26	-0.26	0%	0
033.01	Salt as chloride, Poten Cl (%)	0083	0.4100	0.0000	0.4132	0.0123	0.0032	26	-0.26	0%	0
033.01	Salt as chloride, Poten Cl (%)	0242	0.4100	0.0000	0.4132	0.0123	0.0032	26	-0.26	0%	0
033.01	Salt as chloride, Poten Cl (%)	0354	0.4100	0.0000	0.4132	0.0123	0.0032	26	-0.26	0%	0
033.01	Salt as chloride, Poten Cl (%)	0407	0.4130	0.0060	0.4132	0.0123	0.0032	26	-0.02	0%	0
033.01	Salt as chloride, Poten Cl (%)	0028	0.4135	0.0010	0.4132	0.0123	0.0032	26	0.02	0%	0
033.01	Salt as chloride, Poten Cl (%)	0100	0.4200	0.0200	0.4132	0.0123	0.0032	26	0.55	1%	0
033.01	Salt as chloride, Poten Cl (%)	0229	0.4200	0.0000	0.4132	0.0123	0.0032	26	0.55	1%	0
033.01	Salt as chloride, Poten Cl (%)	2375	0.4200	0.0000	0.4132	0.0123	0.0032	26	0.55	1%	0
033.01	Salt as chloride, Poten Cl (%)	0939	0.4250	0.0100	0.4132	0.0123	0.0032	26	0.96	1%	0
033.01	Salt as chloride, Poten Cl (%)	2319	0.4250	0.0100	0.4132	0.0123	0.0032	26	0.96	1%	0
033.01	Salt as chloride, Poten Cl (%)	0948	0.4300	0.0000	0.4132	0.0123	0.0032	26	1.37	2%	0
033.01	Salt as chloride, Poten Cl (%)	0682	0.4400	0.0000	0.4132	0.0123	0.0032	26	2.18	3%	0
033.01	Salt as chloride, Poten Cl (%)	2268	0.4500	0.0000	0.4132	0.0123	0.0032	26	3.00	4%	0
033.01	Salt as chloride, Poten Cl (%)	0425	0.5100	0.0000	0.4132	0.0123	0.0032	26	7.89	12%	0
033.01	Salt as chloride, Poten Cl (%)	0038	0.4210	0.0940	0.4132	0.0123	0.0032	26	0.64	1%	1
033.03	Salt as chloride, Quantab (%)	0265	0.3300	0.0000	0.3790	0.0530	0.0180	5			0
033.03	Salt as chloride, Quantab (%)	0726	0.3400	0.0400	0.3790	0.0530	0.0180	5			0
033.03	Salt as chloride, Quantab (%)	0144	0.3550	0.0300	0.3790	0.0530	0.0180	5			0
033.03	Salt as chloride, Quantab (%)	0190	0.4200	0.0000	0.3790	0.0530	0.0180	5			0
033.03	Salt as chloride, Quantab (%)	0505	0.4500	0.0200	0.3790	0.0530	0.0180	5			0
033.05	Salt as chloride, Ion Sel Electrode (%)	0689	0.4100	0.0200				1			0
033.99	Salt, Miscellaneous (%)	0536	0.3200	0.0400	0.4456	0.0728	0.0136	10	-1.72	14%	0
033.99	Salt, Miscellaneous (%)	0910	0.3950	0.0100	0.4456	0.0728	0.0136	10	-0.69	6%	0

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033.99	Salt, Miscellaneous (%)	0650	0.4000	0.0000	0.4456	0.0728	0.0136	10	-0.63	5%	0
033.99	Salt, Miscellaneous (%)	2144	0.4130	0.0100	0.4456	0.0728	0.0136	10	-0.45	4%	0
033.99	Salt, Miscellaneous (%)	2073	0.4250	0.0100	0.4456	0.0728	0.0136	10	-0.28	2%	0
033.99	Salt, Miscellaneous (%)	2129	0.4454	0.0166	0.4456	0.0728	0.0136	10	0.00	0%	0
033.99	Salt, Miscellaneous (%)	2181	0.4700	0.0000	0.4456	0.0728	0.0136	10	0.34	3%	0
033.99	Salt, Miscellaneous (%)	0358	0.5150	0.0300	0.4456	0.0728	0.0136	10	0.95	8%	0
033.99	Salt, Miscellaneous (%)	0017	0.5226	0.0191	0.4456	0.0728	0.0136	10	1.06	9%	0
033.99	Salt, Miscellaneous (%)	2246	0.5335	0.0000	0.4456	0.0728	0.0136	10	1.21	10%	0
034.04	Selenium, Total (Se), AA, Hydride (ppm)	0045	0.2655	0.0670				3			0
034.04	Selenium, Total (Se), AA, Hydride (ppm)	0563	0.2821	0.0344				3			0
034.04	Selenium, Total (Se), AA, Hydride (ppm)	0169	0.3750	0.0100				3			0
034.41	Selenium, Total (Se), ICP, Dry ash (ppm)	0148	0.2335	0.0070				2			0
034.41	Selenium, Total (Se), ICP, Dry ash (ppm)	0674	16.76	0.0000				2			0
034.42	Selenium, Total (Se), ICP, Open vessel (ppm)	0692	0.6500	0.3000				1			0
034.43	Selenium, Total (Se), ICP, Microwave (ppm)	0610	0.3700	0.1200				1			0
034.43	Selenium, Total (Se), ICP, Microwave (ppm)	0682	< 5					1			5
034.52	Selenium, Total (Se), ICP-MS, Open vessel (ppm)	0047	0.3065	0.0030				3			0
034.52	Selenium, Total (Se), ICP-MS, Open vessel (ppm)	0910	0.3650	0.0100				3			0
034.52	Selenium, Total (Se), ICP-MS, Open vessel (ppm)	0186	2.320	0.0350				3			0
034.53	Selenium, Total (Se), ICP-MS, Microwave (ppm)	0164	0.2575	0.0110				3			0
034.53	Selenium, Total (Se), ICP-MS, Microwave (ppm)	0553	0.2875	0.0250				3			0
034.53	Selenium, Total (Se), ICP-MS, Microwave (ppm)	0407	0.9472	0.0420				3			0
034.99	Selenium, Total (Se), Miscellaneous (ppm)	0190	0.0010	0.0000				1			0
035.01	Sodium, Ion-selective electrode (%)	2109	0.2675	0.0070				1			0
035.02	Sodium, Em Spect (%)	0884	0.1950	0.0100				1			0
035.05	Sodium, Flame Emission (%)	0108	0.2400	0.0200				1			0
035.31	Sodium, AAS, Dry ash (%)	0622	0.1700	0.0007	0.1984	0.0118	0.0032	10	-2.41	7%	0
035.31	Sodium, AAS, Dry ash (%)	2246	0.1869	0.0013	0.1984	0.0118	0.0032	10	-0.98	3%	0
035.31	Sodium, AAS, Dry ash (%)	0536	0.1900	0.0000	0.1984	0.0118	0.0032	10	-0.71	2%	0
035.31	Sodium, AAS, Dry ash (%)	0529	0.1945	0.0030	0.1984	0.0118	0.0032	10	-0.33	1%	0
035.31	Sodium, AAS, Dry ash (%)	0142	0.1986	0.0128	0.1984	0.0118	0.0032	10	0.02	0%	0
035.31	Sodium, AAS, Dry ash (%)	0656	0.2000	0.0000	0.1984	0.0118	0.0032	10	0.14	0%	0
035.31	Sodium, AAS, Dry ash (%)	0563	0.2050	0.0037	0.1984	0.0118	0.0032	10	0.56	2%	0
035.31	Sodium, AAS, Dry ash (%)	0939	0.2050	0.0100	0.1984	0.0118	0.0032	10	0.56	2%	0
035.31	Sodium, AAS, Dry ash (%)	0948	0.2100	0.0000	0.1984	0.0118	0.0032	10	0.99	3%	0
035.31	Sodium, AAS, Dry ash (%)	2196	0.2130	0.0000	0.1984	0.0118	0.0032	10	1.24	4%	0
035.31	Sodium, AAS, Dry ash (%)	0038	0.1625	0.0310	0.1984	0.0118	0.0032	10	-3.05	9%	1
035.32	Sodium, AAS, Open vessel (%)	0169	0.1650	0.0100				1			0
035.41	Sodium, ICP, Dry ash (%)	0144	0.1950	0.0100	0.2069	0.0093	0.0046	16	-1.29	3%	0
035.41	Sodium, ICP, Dry ash (%)	0019	0.2000	0.0000	0.2069	0.0093	0.0046	16	-0.75	2%	0
035.41	Sodium, ICP, Dry ash (%)	0229	0.2000	0.0200	0.2069	0.0093	0.0046	16	-0.75	2%	0
035.41	Sodium, ICP, Dry ash (%)	0674	0.2000	0.0000	0.2069	0.0093	0.0046	16	-0.75	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			
035.41	Sodium, ICP, Dry ash (%)	0910	0.2000	0.0000	0.2069	0.0093	0.0046	16	-0.75	2%	0
035.41	Sodium, ICP, Dry ash (%)	0407	0.2022	0.0070	0.2069	0.0093	0.0046	16	-0.51	1%	0
035.41	Sodium, ICP, Dry ash (%)	0148	0.2035	0.0030	0.2069	0.0093	0.0046	16	-0.37	1%	0
035.41	Sodium, ICP, Dry ash (%)	0354	0.2045	0.0010	0.2069	0.0093	0.0046	16	-0.26	1%	0
035.41	Sodium, ICP, Dry ash (%)	0049	0.2050	0.0100	0.2069	0.0093	0.0046	16	-0.21	0%	0
035.41	Sodium, ICP, Dry ash (%)	0358	0.2050	0.0100	0.2069	0.0093	0.0046	16	-0.21	0%	0
035.41	Sodium, ICP, Dry ash (%)	0098	0.2100	0.0000	0.2069	0.0093	0.0046	16	0.33	1%	0
035.41	Sodium, ICP, Dry ash (%)	0598	0.2110	0.0007	0.2069	0.0093	0.0046	16	0.43	1%	0
035.41	Sodium, ICP, Dry ash (%)	0164	0.2135	0.0050	0.2069	0.0093	0.0046	16	0.71	2%	0
035.41	Sodium, ICP, Dry ash (%)	0520	0.2198	0.0011	0.2069	0.0093	0.0046	16	1.38	3%	0
035.41	Sodium, ICP, Dry ash (%)	0226	0.2300	0.0000	0.2069	0.0093	0.0046	16	2.49	6%	0
035.41	Sodium, ICP, Dry ash (%)	0066	0.2435	0.0050	0.2069	0.0093	0.0046	16	3.94	9%	0
035.42	Sodium, ICP, Open vessel (%)	2129	0.1748	0.0063	0.2048	0.0094	0.0052	19	-3.18	7%	0
035.42	Sodium, ICP, Open vessel (%)	0042	0.1845	0.0030	0.2048	0.0094	0.0052	19	-2.15	5%	0
035.42	Sodium, ICP, Open vessel (%)	0265	0.1900	0.0000	0.2048	0.0094	0.0052	19	-1.57	4%	0
035.42	Sodium, ICP, Open vessel (%)	0870	0.1982	0.0037	0.2048	0.0094	0.0052	19	-0.70	2%	0
035.42	Sodium, ICP, Open vessel (%)	2319	0.2000	0.0020	0.2048	0.0094	0.0052	19	-0.51	1%	0
035.42	Sodium, ICP, Open vessel (%)	0037	0.2025	0.0010	0.2048	0.0094	0.0052	19	-0.24	1%	0
035.42	Sodium, ICP, Open vessel (%)	0693	0.2025	0.0050	0.2048	0.0094	0.0052	19	-0.24	1%	0
035.42	Sodium, ICP, Open vessel (%)	0357	0.2029	0.0024	0.2048	0.0094	0.0052	19	-0.20	0%	0
035.42	Sodium, ICP, Open vessel (%)	0294	0.2050	0.0100	0.2048	0.0094	0.0052	19	0.02	0%	0
035.42	Sodium, ICP, Open vessel (%)	0726	0.2050	0.0100	0.2048	0.0094	0.0052	19	0.02	0%	0
035.42	Sodium, ICP, Open vessel (%)	2375	0.2050	0.0100	0.2048	0.0094	0.0052	19	0.02	0%	0
035.42	Sodium, ICP, Open vessel (%)	0263	0.2055	0.0010	0.2048	0.0094	0.0052	19	0.08	0%	0
035.42	Sodium, ICP, Open vessel (%)	0045	0.2090	0.0020	0.2048	0.0094	0.0052	19	0.45	1%	0
035.42	Sodium, ICP, Open vessel (%)	0035	0.2100	0.0000	0.2048	0.0094	0.0052	19	0.55	1%	0
035.42	Sodium, ICP, Open vessel (%)	0366	0.2120	0.0120	0.2048	0.0094	0.0052	19	0.77	2%	0
035.42	Sodium, ICP, Open vessel (%)	0186	0.2123	0.0006	0.2048	0.0094	0.0052	19	0.80	2%	0
035.42	Sodium, ICP, Open vessel (%)	0190	0.2150	0.0100	0.2048	0.0094	0.0052	19	1.08	2%	0
035.42	Sodium, ICP, Open vessel (%)	0278	0.2150	0.0100	0.2048	0.0094	0.0052	19	1.08	2%	0
035.42	Sodium, ICP, Open vessel (%)	0692	0.2450	0.0100	0.2048	0.0094	0.0052	19	4.27	10%	0
035.42	Sodium, ICP, Open vessel (%)	0504	2.870	0.0500	0.2048	0.0094	0.0052	19	282.59	651%	2
035.43	Sodium, ICP, Microwave (%)	0510	0.1785	0.0010	0.2051	0.0109	0.0032	24	-2.44	6%	0
035.43	Sodium, ICP, Microwave (%)	0505	0.1900	0.0000	0.2051	0.0109	0.0032	24	-1.39	4%	0
035.43	Sodium, ICP, Microwave (%)	0511	0.1950	0.0100	0.2051	0.0109	0.0032	24	-0.93	2%	0
035.43	Sodium, ICP, Microwave (%)	0918	0.1965	0.0030	0.2051	0.0109	0.0032	24	-0.79	2%	0
035.43	Sodium, ICP, Microwave (%)	0870	0.1966	0.0001	0.2051	0.0109	0.0032	24	-0.78	2%	0
035.43	Sodium, ICP, Microwave (%)	0968	0.1974	0.0000	0.2051	0.0109	0.0032	24	-0.70	2%	0
035.43	Sodium, ICP, Microwave (%)	0407	0.1984	0.0016	0.2051	0.0109	0.0032	24	-0.61	2%	0
035.43	Sodium, ICP, Microwave (%)	0353	0.1995	0.0009	0.2051	0.0109	0.0032	24	-0.52	1%	0
035.43	Sodium, ICP, Microwave (%)	0202	0.2000	0.0000	0.2051	0.0109	0.0032	24	-0.47	1%	0
035.43	Sodium, ICP, Microwave (%)	0610	0.2000	0.0000	0.2051	0.0109	0.0032	24	-0.47	1%	0

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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
035.43	Sodium, ICP, Microwave (%)	0682	0.2000	0.0000	0.2051	0.0109	0.0032	24	-0.47	1%	0
035.43	Sodium, ICP, Microwave (%)	0345	0.2045	0.0030	0.2051	0.0109	0.0032	24	-0.05	0%	0
035.43	Sodium, ICP, Microwave (%)	0668	0.2050	0.0100	0.2051	0.0109	0.0032	24	-0.01	0%	0
035.43	Sodium, ICP, Microwave (%)	2363	0.2050	0.0100	0.2051	0.0109	0.0032	24	-0.01	0%	0
035.43	Sodium, ICP, Microwave (%)	0017	0.2056	0.0075	0.2051	0.0109	0.0032	24	0.04	0%	0
035.43	Sodium, ICP, Microwave (%)	0033	0.2100	0.0000	0.2051	0.0109	0.0032	24	0.45	1%	0
035.43	Sodium, ICP, Microwave (%)	0035	0.2100	0.0000	0.2051	0.0109	0.0032	24	0.45	1%	0
035.43	Sodium, ICP, Microwave (%)	0083	0.2100	0.0000	0.2051	0.0109	0.0032	24	0.45	1%	0
035.43	Sodium, ICP, Microwave (%)	0043	0.2148	0.0085	0.2051	0.0109	0.0032	24	0.89	2%	0
035.43	Sodium, ICP, Microwave (%)	0098	0.2150	0.0100	0.2051	0.0109	0.0032	24	0.91	2%	0
035.43	Sodium, ICP, Microwave (%)	0876	0.2170	0.0020	0.2051	0.0109	0.0032	24	1.10	3%	0
035.43	Sodium, ICP, Microwave (%)	2089	0.2200	0.0000	0.2051	0.0109	0.0032	24	1.37	4%	0
035.43	Sodium, ICP, Microwave (%)	0675	0.2250	0.0100	0.2051	0.0109	0.0032	24	1.83	5%	0
035.43	Sodium, ICP, Microwave (%)	0425	0.2700	0.0000	0.2051	0.0109	0.0032	24	5.97	16%	0
035.52	Sodium, ICP-MS, Open vessel (%)	0186	0.2060	0.0118				2			0
035.52	Sodium, ICP-MS, Open vessel (%)	0154	0.2104	0.0009				2			0
035.53	Sodium, ICP-MS, Microwave (%)	0553	0.1975	0.0090				3			0
035.53	Sodium, ICP-MS, Microwave (%)	0407	0.2025	0.0058				3			0
035.53	Sodium, ICP-MS, Microwave (%)	0939	0.2050	0.0100				3			0
035.99	Sodium, Miscellaneous (%)	0590	0.1435	0.0030	0.1759	0.0225	0.0058	4			0
035.99	Sodium, Miscellaneous (%)	0242	0.1800	0.0000	0.1759	0.0225	0.0058	4			0
035.99	Sodium, Miscellaneous (%)	2302	0.1850	0.0100	0.1759	0.0225	0.0058	4			0
035.99	Sodium, Miscellaneous (%)	0100	0.1950	0.0100	0.1759	0.0225	0.0058	4			0
036.00	Sulfur, Gravimetric (%)	0038	0.3110	0.0100				1			0
036.04	Sulfur, LECO (%)	0226	0.3300	0.0000	0.3376	0.0098	0.0085	6	-0.77	1%	0
036.04	Sulfur, LECO (%)	0229	0.3300	0.0200	0.3376	0.0098	0.0085	6	-0.77	1%	0
036.04	Sulfur, LECO (%)	0948	0.3315	0.0110	0.3376	0.0098	0.0085	6	-0.62	1%	0
036.04	Sulfur, LECO (%)	0148	0.3385	0.0010	0.3376	0.0098	0.0085	6	0.09	0%	0
036.04	Sulfur, LECO (%)	0610	0.3450	0.0100	0.3376	0.0098	0.0085	6	0.76	1%	0
036.04	Sulfur, LECO (%)	0001	0.3505	0.0090	0.3376	0.0098	0.0085	6	1.32	2%	0
036.42	Sulfur, ICP, Open vessel (%)	2129	0.2434	0.0077	0.3169	0.0224	0.0100	21	-3.29	12%	0
036.42	Sulfur, ICP, Open vessel (%)	0229	0.2550	0.0100	0.3169	0.0224	0.0100	21	-2.77	10%	0
036.42	Sulfur, ICP, Open vessel (%)	0910	0.2700	0.0000	0.3169	0.0224	0.0100	21	-2.10	7%	0
036.42	Sulfur, ICP, Open vessel (%)	0870	0.2989	0.0048	0.3169	0.0224	0.0100	21	-0.80	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0366	0.3000	0.0200	0.3169	0.0224	0.0100	21	-0.75	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0693	0.3075	0.0070	0.3169	0.0224	0.0100	21	-0.42	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0045	0.3095	0.0070	0.3169	0.0224	0.0100	21	-0.33	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0035	0.3100	0.0000	0.3169	0.0224	0.0100	21	-0.31	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0278	0.3150	0.0300	0.3169	0.0224	0.0100	21	-0.08	0%	0
036.42	Sulfur, ICP, Open vessel (%)	0265	0.3200	0.0200	0.3169	0.0224	0.0100	21	0.14	0%	0
036.42	Sulfur, ICP, Open vessel (%)	0692	0.3200	0.0200	0.3169	0.0224	0.0100	21	0.14	0%	0
036.42	Sulfur, ICP, Open vessel (%)	0726	0.3200	0.0000	0.3169	0.0224	0.0100	21	0.14	0%	0

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036.42	Sulfur, ICP, Open vessel (%)	0186	0.3204	0.0057	0.3169	0.0224	0.0100	21	0.15	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0294	0.3250	0.0100	0.3169	0.0224	0.0100	21	0.36	1%	0
036.42	Sulfur, ICP, Open vessel (%)	2375	0.3250	0.0300	0.3169	0.0224	0.0100	21	0.36	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0357	0.3261	0.0021	0.3169	0.0224	0.0100	21	0.41	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0037	0.3290	0.0020	0.3169	0.0224	0.0100	21	0.54	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0708	0.3380	0.0080	0.3169	0.0224	0.0100	21	0.94	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0164	0.3400	0.0000	0.3169	0.0224	0.0100	21	1.03	4%	0
036.42	Sulfur, ICP, Open vessel (%)	0190	0.3500	0.0000	0.3169	0.0224	0.0100	21	1.48	5%	0
036.42	Sulfur, ICP, Open vessel (%)	0407	0.3538	0.0260	0.3169	0.0224	0.0100	21	1.65	6%	0
036.42	Sulfur, ICP, Open vessel (%)	0042	113.5	3.000	0.3169	0.0224	0.0100	21	5057.78	17858%	2
036.43	Sulfur, ICP, Microwave (%)	0083	0.2650	0.0100	0.3371	0.0210	0.0095	21	-3.44	11%	0
036.43	Sulfur, ICP, Microwave (%)	0870	0.3042	0.0068	0.3371	0.0210	0.0095	21	-1.57	5%	0
036.43	Sulfur, ICP, Microwave (%)	0353	0.3150	0.0100	0.3371	0.0210	0.0095	21	-1.06	3%	0
036.43	Sulfur, ICP, Microwave (%)	2363	0.3200	0.0200	0.3371	0.0210	0.0095	21	-0.82	3%	0
036.43	Sulfur, ICP, Microwave (%)	0202	0.3250	0.0100	0.3371	0.0210	0.0095	21	-0.58	2%	0
036.43	Sulfur, ICP, Microwave (%)	0345	0.3260	0.0080	0.3371	0.0210	0.0095	21	-0.53	2%	0
036.43	Sulfur, ICP, Microwave (%)	0918	0.3260	0.0060	0.3371	0.0210	0.0095	21	-0.53	2%	0
036.43	Sulfur, ICP, Microwave (%)	0033	0.3280	0.0040	0.3371	0.0210	0.0095	21	-0.44	1%	0
036.43	Sulfur, ICP, Microwave (%)	0027	0.3300	0.0020	0.3371	0.0210	0.0095	21	-0.34	1%	0
036.43	Sulfur, ICP, Microwave (%)	0510	0.3350	0.0100	0.3371	0.0210	0.0095	21	-0.10	0%	0
036.43	Sulfur, ICP, Microwave (%)	0876	0.3395	0.0010	0.3371	0.0210	0.0095	21	0.11	0%	0
036.43	Sulfur, ICP, Microwave (%)	0668	0.3400	0.0200	0.3371	0.0210	0.0095	21	0.14	0%	0
036.43	Sulfur, ICP, Microwave (%)	0035	0.3400	0.0000	0.3371	0.0210	0.0095	21	0.14	0%	0
036.43	Sulfur, ICP, Microwave (%)	0098	0.3420	0.0047	0.3371	0.0210	0.0095	21	0.23	1%	0
036.43	Sulfur, ICP, Microwave (%)	0169	0.3450	0.0100	0.3371	0.0210	0.0095	21	0.38	1%	0
036.43	Sulfur, ICP, Microwave (%)	0407	0.3464	0.0093	0.3371	0.0210	0.0095	21	0.44	1%	0
036.43	Sulfur, ICP, Microwave (%)	0682	0.3500	0.0000	0.3371	0.0210	0.0095	21	0.61	2%	0
036.43	Sulfur, ICP, Microwave (%)	2089	0.3600	0.0200	0.3371	0.0210	0.0095	21	1.09	3%	0
036.43	Sulfur, ICP, Microwave (%)	0011	0.3650	0.0100	0.3371	0.0210	0.0095	21	1.33	4%	0
036.43	Sulfur, ICP, Microwave (%)	0066	0.3670	0.0160	0.3371	0.0210	0.0095	21	1.43	4%	0
036.43	Sulfur, ICP, Microwave (%)	0043	0.4513	0.0225	0.3371	0.0210	0.0095	21	5.45	17%	0
036.52	Sulfur, ICP-MS, Open vessel (%)	0186	0.3340	0.0017				1			0
036.53	Sulfur, ICP-MS, Microwave (%)	0553	0.2910	0.0140				1			0
036.99	Sulfur, Miscellaneous (%)	2302	0.2900	0.0000				2			0
036.99	Sulfur, Miscellaneous (%)	0242	0.2950	0.0100				2			0
037.31	Zinc, AAS, Dry ash (ppm)	0536	91.13	2.950	119.9	7.024	1.884	12	-4.10	12%	0
037.31	Zinc, AAS, Dry ash (ppm)	0529	113.5	6.100	119.9	7.024	1.884	12	-0.92	3%	0
037.31	Zinc, AAS, Dry ash (ppm)	0689	113.9	3.000	119.9	7.024	1.884	12	-0.85	2%	0
037.31	Zinc, AAS, Dry ash (ppm)	0884	116.2	0.3000	119.9	7.024	1.884	12	-0.53	2%	0
037.31	Zinc, AAS, Dry ash (ppm)	0563	116.6	0.3178	119.9	7.024	1.884	12	-0.48	1%	0
037.31	Zinc, AAS, Dry ash (ppm)	0622	119.6	2.321	119.9	7.024	1.884	12	-0.04	0%	0
037.31	Zinc, AAS, Dry ash (ppm)	0001	120.4	3.800	119.9	7.024	1.884	12	0.07	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			
037.31	Zinc, AAS, Dry ash (ppm)	2196	123.3	0.0000	119.9	7.024	1.884	12	0.48	1%	0
037.31	Zinc, AAS, Dry ash (ppm)	2246	124.9	1.004	119.9	7.024	1.884	12	0.71	2%	0
037.31	Zinc, AAS, Dry ash (ppm)	0656	124.9	0.0000	119.9	7.024	1.884	12	0.72	2%	0
037.31	Zinc, AAS, Dry ash (ppm)	0939	125.9	1.480	119.9	7.024	1.884	12	0.85	2%	0
037.31	Zinc, AAS, Dry ash (ppm)	2188	315.1	1.330	119.9	7.024	1.884	12	27.80	81%	0
037.32	Zinc, AAS, Open vessel (ppm)	0038	149.0	14.00				1			0
037.33	Zinc, AAS, Microwave (ppm)	0010	121.5	13.00				1			0
037.41	Zinc, ICP, Dry ash (ppm)	0848	114.5	0.6600	123.2	7.609	5.221	14	-1.14	4%	0
037.41	Zinc, ICP, Dry ash (ppm)	0358	114.7	10.95	123.2	7.609	5.221	14	-1.11	3%	0
037.41	Zinc, ICP, Dry ash (ppm)	0019	115.0	4.000	123.2	7.609	5.221	14	-1.08	3%	0
037.41	Zinc, ICP, Dry ash (ppm)	0354	118.2	0.0200	123.2	7.609	5.221	14	-0.65	2%	0
037.41	Zinc, ICP, Dry ash (ppm)	0598	118.5	0.5156	123.2	7.609	5.221	14	-0.62	2%	0
037.41	Zinc, ICP, Dry ash (ppm)	0910	120.0	6.000	123.2	7.609	5.221	14	-0.42	1%	0
037.41	Zinc, ICP, Dry ash (ppm)	0049	121.2	3.070	123.2	7.609	5.221	14	-0.26	1%	0
037.41	Zinc, ICP, Dry ash (ppm)	0226	124.8	7.380	123.2	7.609	5.221	14	0.21	1%	0
037.41	Zinc, ICP, Dry ash (ppm)	0520	126.3	2.654	123.2	7.609	5.221	14	0.41	1%	0
037.41	Zinc, ICP, Dry ash (ppm)	0229	126.4	3.420	123.2	7.609	5.221	14	0.42	1%	0
037.41	Zinc, ICP, Dry ash (ppm)	0407	128.8	6.841	123.2	7.609	5.221	14	0.74	2%	0
037.41	Zinc, ICP, Dry ash (ppm)	0098	129.0	11.90	123.2	7.609	5.221	14	0.76	2%	0
037.41	Zinc, ICP, Dry ash (ppm)	0674	132.8	0.0000	123.2	7.609	5.221	14	1.26	4%	0
037.41	Zinc, ICP, Dry ash (ppm)	0148	138.0	15.68	123.2	7.609	5.221	14	1.94	6%	0
037.42	Zinc, ICP, Open vessel (ppm)	0042	0.3330	0.0100	123.6	14.59	4.888	21	-8.45	50%	0
037.42	Zinc, ICP, Open vessel (ppm)	0009	95.50	13.00	123.6	14.59	4.888	21	-1.92	11%	0
037.42	Zinc, ICP, Open vessel (ppm)	2129	109.1	6.600	123.6	14.59	4.888	21	-0.99	6%	0
037.42	Zinc, ICP, Open vessel (ppm)	0278	111.3	3.100	123.6	14.59	4.888	21	-0.84	5%	0
037.42	Zinc, ICP, Open vessel (ppm)	0045	115.0	6.000	123.6	14.59	4.888	21	-0.59	3%	0
037.42	Zinc, ICP, Open vessel (ppm)	0265	115.5	9.000	123.6	14.59	4.888	21	-0.55	3%	0
037.42	Zinc, ICP, Open vessel (ppm)	0366	116.0	10.00	123.6	14.59	4.888	21	-0.52	3%	0
037.42	Zinc, ICP, Open vessel (ppm)	0693	116.5	11.58	123.6	14.59	4.888	21	-0.49	3%	0
037.42	Zinc, ICP, Open vessel (ppm)	0692	119.0	16.90	123.6	14.59	4.888	21	-0.32	2%	0
037.42	Zinc, ICP, Open vessel (ppm)	2319	121.5	1.000	123.6	14.59	4.888	21	-0.14	1%	0
037.42	Zinc, ICP, Open vessel (ppm)	0263	122.0	0.3070	123.6	14.59	4.888	21	-0.11	1%	0
037.42	Zinc, ICP, Open vessel (ppm)	0294	125.6	1.320	123.6	14.59	4.888	21	0.14	1%	0
037.42	Zinc, ICP, Open vessel (ppm)	0357	125.7	1.344	123.6	14.59	4.888	21	0.15	1%	0
037.42	Zinc, ICP, Open vessel (ppm)	0035	127.5	1.000	123.6	14.59	4.888	21	0.27	2%	0
037.42	Zinc, ICP, Open vessel (ppm)	0870	130.7	3.200	123.6	14.59	4.888	21	0.49	3%	0
037.42	Zinc, ICP, Open vessel (ppm)	2375	131.5	3.000	123.6	14.59	4.888	21	0.54	3%	0
037.42	Zinc, ICP, Open vessel (ppm)	0190	136.1	0.0000	123.6	14.59	4.888	21	0.86	5%	0
037.42	Zinc, ICP, Open vessel (ppm)	0186	138.5	1.000	123.6	14.59	4.888	21	1.02	6%	0
037.42	Zinc, ICP, Open vessel (ppm)	0726	139.2	1.100	123.6	14.59	4.888	21	1.07	6%	0
037.42	Zinc, ICP, Open vessel (ppm)	0037	146.6	5.300	123.6	14.59	4.888	21	1.58	9%	0
037.42	Zinc, ICP, Open vessel (ppm)	0504	196.8	7.900	123.6	14.59	4.888	21	5.02	30%	0

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037.43	Zinc, ICP, Microwave (ppm)	0511	110.0	4.000	124.5	7.550	3.544	23	-1.92	6%	0
037.43	Zinc, ICP, Microwave (ppm)	0968	113.9	0.0070	124.5	7.550	3.544	23	-1.41	4%	0
037.43	Zinc, ICP, Microwave (ppm)	0425	114.5	2.900	124.5	7.550	3.544	23	-1.34	4%	0
037.43	Zinc, ICP, Microwave (ppm)	0918	116.8	6.310	124.5	7.550	3.544	23	-1.02	3%	0
037.43	Zinc, ICP, Microwave (ppm)	0017	116.8	8.549	124.5	7.550	3.544	23	-1.02	3%	0
037.43	Zinc, ICP, Microwave (ppm)	0510	118.5	3.000	124.5	7.550	3.544	23	-0.80	2%	0
037.43	Zinc, ICP, Microwave (ppm)	0870	121.5	0.2000	124.5	7.550	3.544	23	-0.40	1%	0
037.43	Zinc, ICP, Microwave (ppm)	0682	122.4	0.0000	124.5	7.550	3.544	23	-0.28	1%	0
037.43	Zinc, ICP, Microwave (ppm)	0083	123.3	0.7500	124.5	7.550	3.544	23	-0.17	1%	0
037.43	Zinc, ICP, Microwave (ppm)	0035	123.5	3.000	124.5	7.550	3.544	23	-0.14	0%	0
037.43	Zinc, ICP, Microwave (ppm)	0407	123.5	0.9208	124.5	7.550	3.544	23	-0.14	0%	0
037.43	Zinc, ICP, Microwave (ppm)	0033	124.5	7.000	124.5	7.550	3.544	23	0.00	0%	0
037.43	Zinc, ICP, Microwave (ppm)	2089	124.8	1.090	124.5	7.550	3.544	23	0.04	0%	0
037.43	Zinc, ICP, Microwave (ppm)	2192	127.5	11.00	124.5	7.550	3.544	23	0.39	1%	0
037.43	Zinc, ICP, Microwave (ppm)	0505	127.8	5.100	124.5	7.550	3.544	23	0.43	1%	0
037.43	Zinc, ICP, Microwave (ppm)	0876	128.0	2.000	124.5	7.550	3.544	23	0.46	1%	0
037.43	Zinc, ICP, Microwave (ppm)	0675	128.7	2.890	124.5	7.550	3.544	23	0.55	2%	0
037.43	Zinc, ICP, Microwave (ppm)	0353	129.5	1.000	124.5	7.550	3.544	23	0.66	2%	0
037.43	Zinc, ICP, Microwave (ppm)	0668	130.0	0.0000	124.5	7.550	3.544	23	0.72	2%	0
037.43	Zinc, ICP, Microwave (ppm)	0610	132.5	1.000	124.5	7.550	3.544	23	1.06	3%	0
037.43	Zinc, ICP, Microwave (ppm)	0345	133.2	1.900	124.5	7.550	3.544	23	1.14	3%	0
037.43	Zinc, ICP, Microwave (ppm)	0098	134.1	9.900	124.5	7.550	3.544	23	1.26	4%	0
037.43	Zinc, ICP, Microwave (ppm)	0027	136.7	8.992	124.5	7.550	3.544	23	1.61	5%	0
037.43	Zinc, ICP, Microwave (ppm)	0202	115.3	39.50	124.5	7.550	3.544	23	-1.23	4%	1
037.43	Zinc, ICP, Microwave (ppm)	0043	250.4	1.122	124.5	7.550	3.544	23	16.67	51%	2
037.44	Zinc, ICP, Dry ash (ppm)	0164	130.5	3.000				2			0
037.44	Zinc, ICP, Dry ash (ppm)	0066	133.8	14.33				2			0
037.52	Zinc, ICP-MS, Open vessel (ppm)	0047	88.53	2.980				2			0
037.52	Zinc, ICP-MS, Open vessel (ppm)	0186	150.5	1.000				2			0
037.53	Zinc, ICP-MS, Microwave (ppm)	0553	114.5	3.000				3			0
037.53	Zinc, ICP-MS, Microwave (ppm)	0939	118.5	3.000				3			0
037.53	Zinc, ICP-MS, Microwave (ppm)	0407	124.2	0.2517				3			0
037.99	Zinc, Miscellaneous (ppm)	0590	112.0	4.000	129.8	13.72	4.500	4			0
037.99	Zinc, Miscellaneous (ppm)	0242	126.0	6.000	129.8	13.72	4.500	4			0
037.99	Zinc, Miscellaneous (ppm)	0100	139.0	6.000	129.8	13.72	4.500	4			0
037.99	Zinc, Miscellaneous (ppm)	2302	142.0	2.000	129.8	13.72	4.500	4			0
038.41	Molybdenum, ICP, Dry ash (ppm)	0407	1.051	0.1072				2			0
038.41	Molybdenum, ICP, Dry ash (ppm)	0226	1.340	0.0400				2			0
038.42	Molybdenum, ICP, Open vessel (ppm)	0693	1.014	0.1610				3			0
038.42	Molybdenum, ICP, Open vessel (ppm)	0045	1.120	0.1200				3			0
038.42	Molybdenum, ICP, Open vessel (ppm)	0278	1.140	0.0800				3			0
038.42	Molybdenum, ICP, Open vessel (ppm)	0265	2.545	0.0100				3			2

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038.43	Molybdenum, ICP, Microwave (ppm)	0345	0.9700	0.0200	1.055	0.0576	0.0968	5		0	
038.43	Molybdenum, ICP, Microwave (ppm)	0407	1.034	0.1841	1.055	0.0576	0.0968	5		0	
038.43	Molybdenum, ICP, Microwave (ppm)	0083	1.055	0.0500	1.055	0.0576	0.0968	5		0	
038.43	Molybdenum, ICP, Microwave (ppm)	0510	1.100	0.0000	1.055	0.0576	0.0968	5		0	
038.43	Molybdenum, ICP, Microwave (ppm)	0202	1.115	0.2300	1.055	0.0576	0.0968	5		0	
038.52	Molybdenum, ICP-MS, Open vessel (ppm)	0186	1.010	0.0260				2		0	
038.52	Molybdenum, ICP-MS, Open vessel (ppm)	0910	1.050	0.0400				2		0	
038.53	Molybdenum, ICP-MS, Microwave (ppm)	0164	1.115	0.0500				3		0	
038.53	Molybdenum, ICP-MS, Microwave (ppm)	0553	1.115	0.0100				3		0	
038.53	Molybdenum, ICP-MS, Microwave (ppm)	0407	1.131	0.0277				3		0	
040.53	Barium, ICP-MS, Microwave (ppm)	0407	9.898	0.0918				1		0	
041.53	Vanadium, ICP-MS, Microwave (ppm)	0553	0.2370	0.0040				2		0	
041.53	Vanadium, ICP-MS, Microwave (ppm)	0407	0.2804	0.0017				2		0	
042.00	Chloride, Titrimetric (%)	0226	0.2400	0.0000				2		0	
042.00	Chloride, Titrimetric (%)	0948	0.2600	0.0000				2		0	
042.02	Chloride, Ion Chromatography (%)	0941	0.2245	0.0010				1		0	
042.99	Chloride, Miscellaneous (%)	2302	0.2600	0.0000				1		0	
099.01	Menadione (form), LC (ppm)	2192	0.3250	0.0300				1		0	
101.99	Choline Chloride, Miscellaneous (ppm)	0227	1,315	70.00				1		0	
102.01	Niacin, Microbiological (ppm)	0227	67.20	2.600				1		0	
102.02	Niacin, LC (ppm)	2319	9.190	0.7200				1		0	
103.01	Pantothenic Acid, Microbiological (ppm)	0227	15.15	1.300				1		0	
104.00	Riboflavin, Fluorometric (ppm)	0227	4.550	0.0400				1		0	
104.03	Riboflavin, LC (ppm)	0910	3.715	1.570				2		0	
104.03	Riboflavin, LC (ppm)	2319	4.496	0.3560				2		0	
105.00	Thiamine, LC (ppm)	0910	2.050	0.8600				2		0	
105.00	Thiamine, LC (ppm)	2319	2.200	0.0000				2		0	
105.01	Thiamine, Fluorometer (ppm)	0227	3.880	0.0000				1		0	
106.00	Vitamin A, Color (KU / kg)	0227	0.6725	0.0830				1		0	
106.01	Vitamin A, UV (KU / kg)	0098	< 0.8					0		5	
106.02	Vitamin A, LC (KU / kg)	0563	0.7385	0.0740				3		0	
106.02	Vitamin A, LC (KU / kg)	0676	0.7400	0.0400				3		0	
106.02	Vitamin A, LC (KU / kg)	0148	0.8293	0.1378				3		0	
106.02	Vitamin A, LC (KU / kg)	0870	< 0.001					3		5	
106.02	Vitamin A, LC (KU / kg)	0910	< 1					3		5	
106.02	Vitamin A, LC (KU / kg)	2319	< 2					3		5	
107.00	Vitamin B12, Microbiological (ppb)	0227	7.025	0.1300				1		0	
108.02	Vitamin D3, LC (KU / kg)	0227	0.4120	0.0620				1		0	
108.02	Vitamin D3, LC (KU / kg)	0870	< 0.001					1		5	
108.02	Vitamin D3, LC (KU / kg)	2319	< 1					1		5	
108.02	Vitamin D3, LC (KU / kg)	0910	< 5					1		5	
109.02	Vitamin E, LC (IU / kg)	0563	20.01	0.6963	27.34	5.229	1.163	9	-1.40	13% 0	

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109.02	Vitamin E, LC (IU / kg)	0910	22.90	0.6000	27.34	5.229	1.163	9	-0.85	8%	0
109.02	Vitamin E, LC (IU / kg)	2193	24.10	2.320	27.34	5.229	1.163	9	-0.62	6%	0
109.02	Vitamin E, LC (IU / kg)	2319	27.34	0.9900	27.34	5.229	1.163	9	0.00	0%	0
109.02	Vitamin E, LC (IU / kg)	0676	28.07	0.1600	27.34	5.229	1.163	9	0.14	1%	0
109.02	Vitamin E, LC (IU / kg)	0227	28.10	1.600	27.34	5.229	1.163	9	0.15	1%	0
109.02	Vitamin E, LC (IU / kg)	0870	28.27	0.0000	27.34	5.229	1.163	9	0.18	2%	0
109.02	Vitamin E, LC (IU / kg)	0148	32.10	0.8000	27.34	5.229	1.163	9	0.91	9%	0
109.02	Vitamin E, LC (IU / kg)	0590	58.25	3.300	27.34	5.229	1.163	9	5.91	57%	0
109.02	Vitamin E, LC (IU / kg)	0027	273.3	36.07	27.34	5.229	1.163	9	47.03	450%	1
109.02	Vitamin E, LC (IU / kg)	0098	< 40		27.34	5.229	1.163	9			5
111.00	Vitamin C, Phosphorylated, LC (ppm)	0227	< 4.4					0			5
112.01	Pyridoxine, LC (µg / g)	2319	1.880	0.6800				2			0
112.01	Pyridoxine, LC (µg / g)	0227	3.505	0.4500				2			0
113.01	Folic Acid, Micro (ppm)	0227	0.5650	0.0620				1			0
113.02	Folic acid, LC (ppm)	2319	< 0.15					0			5
114.01	Biotin, Microbiological (ppm)	0227	0.1710	0.0080				1			0
115.00	Non Protein N (NPN), Urea + Am, Urease method (%)	0098	0.6150	0.0100				1			0
115.99	Non Protein N (NPN), Miscellaneous (%)	2129	0.3894	0.0840				1			0
118.99	Peroxide value, Miscellaneous (meq/kg)	2081	1.555	0.0300				1			0
120.00	Alanine, Post-col Ninhydrin Der (%)	0353	0.5500	0.0000	0.6562	0.0190	0.0121	15	-5.58	8%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0968	0.6250	0.0100	0.6562	0.0190	0.0121	15	-1.64	2%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0652	0.6450	0.0300	0.6562	0.0190	0.0121	15	-0.59	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0675	0.6450	0.0300	0.6562	0.0190	0.0121	15	-0.59	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0910	0.6450	0.0100	0.6562	0.0190	0.0121	15	-0.59	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0571	0.6515	0.0090	0.6562	0.0190	0.0121	15	-0.25	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0354	0.6540	0.0120	0.6562	0.0190	0.0121	15	-0.12	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0226	0.6583	0.0186	0.6562	0.0190	0.0121	15	0.11	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0504	0.6600	0.0200	0.6562	0.0190	0.0121	15	0.20	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	2059	0.6630	0.0020	0.6562	0.0190	0.0121	15	0.35	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0870	0.6633	0.0045	0.6562	0.0190	0.0121	15	0.37	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0644	0.6675	0.0050	0.6562	0.0190	0.0121	15	0.59	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0941	0.6680	0.0000	0.6562	0.0190	0.0121	15	0.62	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0682	0.6830	0.0000	0.6562	0.0190	0.0121	15	1.40	2%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0939	0.6850	0.0300	0.6562	0.0190	0.0121	15	1.51	2%	0
120.02	Alanine, Post-col OPA Der (%)	0098	0.6720	0.0120				1			0
120.05	Alanine, Pre-col AQC Der (%)	2196	0.5980	0.0000	0.6461	0.0418	0.0118	11	-1.15	4%	0
120.05	Alanine, Pre-col AQC Der (%)	2193	0.6030	0.0080	0.6461	0.0418	0.0118	11	-1.03	3%	0
120.05	Alanine, Pre-col AQC Der (%)	2246	0.6124	0.0365	0.6461	0.0418	0.0118	11	-0.81	3%	0
120.05	Alanine, Pre-col AQC Der (%)	0610	0.6200	0.0000	0.6461	0.0418	0.0118	11	-0.62	2%	0
120.05	Alanine, Pre-col AQC Der (%)	2319	0.6250	0.0100	0.6461	0.0418	0.0118	11	-0.50	2%	0
120.05	Alanine, Pre-col AQC Der (%)	0676	0.6400	0.0000	0.6461	0.0418	0.0118	11	-0.15	0%	0
120.05	Alanine, Pre-col AQC Der (%)	0148	0.6660	0.0060	0.6461	0.0418	0.0118	11	0.48	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			
120.05	Alanine, Pre-col AQC Der (%)	0242	0.6700	0.0000	0.6461	0.0418	0.0118	11	0.57	2%	0
120.05	Alanine, Pre-col AQC Der (%)	2188	0.6820	0.0000	0.6461	0.0418	0.0118	11	0.86	3%	0
120.05	Alanine, Pre-col AQC Der (%)	0626	0.6945	0.0310	0.6461	0.0418	0.0118	11	1.16	4%	0
120.05	Alanine, Pre-col AQC Der (%)	0407	0.6960	0.0380	0.6461	0.0418	0.0118	11	1.20	4%	0
120.99	Alanine, Miscellaneous (%)	0160	0.6000	0.0400	0.6532	0.0567	0.0172	5			0
120.99	Alanine, Miscellaneous (%)	0889	0.6000	0.0000	0.6532	0.0567	0.0172	5			0
120.99	Alanine, Miscellaneous (%)	0227	0.6600	0.0000	0.6532	0.0567	0.0172	5			0
120.99	Alanine, Miscellaneous (%)	2146	0.6700	0.0200	0.6532	0.0567	0.0172	5			0
120.99	Alanine, Miscellaneous (%)	2144	0.7360	0.0260	0.6532	0.0567	0.0172	5			0
121.00	Arginine, Post-col Ninhydrin Der (%)	0353	0.6800	0.0000	0.8217	0.0407	0.0170	15	-3.48	9%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0682	0.7670	0.0000	0.8217	0.0407	0.0170	15	-1.34	3%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0968	0.7950	0.0100	0.8217	0.0407	0.0170	15	-0.66	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0354	0.8000	0.0120	0.8217	0.0407	0.0170	15	-0.53	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0870	0.8019	0.0188	0.8217	0.0407	0.0170	15	-0.49	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0504	0.8100	0.0200	0.8217	0.0407	0.0170	15	-0.29	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0652	0.8200	0.0400	0.8217	0.0407	0.0170	15	-0.04	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0910	0.8200	0.0200	0.8217	0.0407	0.0170	15	-0.04	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0939	0.8200	0.0200	0.8217	0.0407	0.0170	15	-0.04	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0571	0.8250	0.0100	0.8217	0.0407	0.0170	15	0.08	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0226	0.8309	0.0396	0.8217	0.0407	0.0170	15	0.23	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0644	0.8475	0.0110	0.8217	0.0407	0.0170	15	0.63	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0941	0.8720	0.0000	0.8217	0.0407	0.0170	15	1.24	3%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	2059	0.8730	0.0040	0.8217	0.0407	0.0170	15	1.26	3%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0675	0.9950	0.0500	0.8217	0.0407	0.0170	15	4.26	11%	0
121.02	Arginine, Post-col OPA Der (%)	0098	0.7900	0.0380				1			0
121.05	Arginine, Pre-col AQC Der (%)	2246	0.7557	0.0432	0.8145	0.0399	0.0177	11	-1.47	4%	0
121.05	Arginine, Pre-col AQC Der (%)	2319	0.7800	0.0400	0.8145	0.0399	0.0177	11	-0.86	2%	0
121.05	Arginine, Pre-col AQC Der (%)	0407	0.7880	0.0040	0.8145	0.0399	0.0177	11	-0.66	2%	0
121.05	Arginine, Pre-col AQC Der (%)	0148	0.7890	0.0080	0.8145	0.0399	0.0177	11	-0.64	2%	0
121.05	Arginine, Pre-col AQC Der (%)	2193	0.8075	0.0030	0.8145	0.0399	0.0177	11	-0.17	0%	0
121.05	Arginine, Pre-col AQC Der (%)	2196	0.8090	0.0000	0.8145	0.0399	0.0177	11	-0.14	0%	0
121.05	Arginine, Pre-col AQC Der (%)	0610	0.8250	0.0100	0.8145	0.0399	0.0177	11	0.26	1%	0
121.05	Arginine, Pre-col AQC Der (%)	0242	0.8300	0.0000	0.8145	0.0399	0.0177	11	0.39	1%	0
121.05	Arginine, Pre-col AQC Der (%)	0626	0.8510	0.0260	0.8145	0.0399	0.0177	11	0.91	2%	0
121.05	Arginine, Pre-col AQC Der (%)	2188	0.8540	0.0000	0.8145	0.0399	0.0177	11	0.99	2%	0
121.05	Arginine, Pre-col AQC Der (%)	0676	0.8700	0.0600	0.8145	0.0399	0.0177	11	1.39	3%	0
121.99	Arginine, Miscellaneous (%)	0227	0.7900	0.0000	0.8430	0.0412	0.0260	4			0
121.99	Arginine, Miscellaneous (%)	0160	0.8350	0.0300	0.8430	0.0412	0.0260	4			0
121.99	Arginine, Miscellaneous (%)	2146	0.8600	0.0600	0.8430	0.0412	0.0260	4			0
121.99	Arginine, Miscellaneous (%)	2144	0.8870	0.0140	0.8430	0.0412	0.0260	4			0
121.99	Arginine, Miscellaneous (%)	0889	0.3100	0.0200	0.8430	0.0412	0.0260	4			2
122.00	Aspartic, Post-col Ninhydrin Der (%)	0968	1.050	0.0200	1.104	0.0310	0.0165	15	-1.75	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			
122.00	Aspartic, Post-col Ninhydrin Der (%)	0571	1.074	0.0180	1.104	0.0310	0.0165	15	-0.98	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0652	1.075	0.0300	1.104	0.0310	0.0165	15	-0.95	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0504	1.085	0.0500	1.104	0.0310	0.0165	15	-0.62	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0675	1.085	0.0100	1.104	0.0310	0.0165	15	-0.62	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0910	1.090	0.0000	1.104	0.0310	0.0165	15	-0.46	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0353	1.095	0.0100	1.104	0.0310	0.0165	15	-0.30	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0226	1.100	0.0437	1.104	0.0310	0.0165	15	-0.13	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0644	1.105	0.0040	1.104	0.0310	0.0165	15	0.02	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	2059	1.122	0.0080	1.104	0.0310	0.0165	15	0.57	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0354	1.124	0.0040	1.104	0.0310	0.0165	15	0.63	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0870	1.132	0.0399	1.104	0.0310	0.0165	15	0.90	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0941	1.134	0.0000	1.104	0.0310	0.0165	15	0.96	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0939	1.135	0.0100	1.104	0.0310	0.0165	15	0.99	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0682	1.189	0.0000	1.104	0.0310	0.0165	15	2.73	4%	0
122.02	Aspartic, Post-col OPA Der (%)	0098	1.140	0.0110				1			0
122.05	Aspartic, Pre-col AQC Der (%)	2193	1.041	0.0980	1.096	0.0386	0.0300	11	-1.44	3%	0
122.05	Aspartic, Pre-col AQC Der (%)	2246	1.059	0.0328	1.096	0.0386	0.0300	11	-0.98	2%	0
122.05	Aspartic, Pre-col AQC Der (%)	0407	1.060	0.0650	1.096	0.0386	0.0300	11	-0.96	2%	0
122.05	Aspartic, Pre-col AQC Der (%)	0610	1.075	0.0100	1.096	0.0386	0.0300	11	-0.56	1%	0
122.05	Aspartic, Pre-col AQC Der (%)	0676	1.095	0.0100	1.096	0.0386	0.0300	11	-0.04	0%	0
122.05	Aspartic, Pre-col AQC Der (%)	2319	1.100	0.0200	1.096	0.0386	0.0300	11	0.09	0%	0
122.05	Aspartic, Pre-col AQC Der (%)	2196	1.107	0.0000	1.096	0.0386	0.0300	11	0.27	0%	0
122.05	Aspartic, Pre-col AQC Der (%)	0242	1.120	0.0000	1.096	0.0386	0.0300	11	0.61	1%	0
122.05	Aspartic, Pre-col AQC Der (%)	2188	1.129	0.0000	1.096	0.0386	0.0300	11	0.84	1%	0
122.05	Aspartic, Pre-col AQC Der (%)	0626	1.131	0.0440	1.096	0.0386	0.0300	11	0.89	2%	0
122.05	Aspartic, Pre-col AQC Der (%)	0148	1.145	0.0500	1.096	0.0386	0.0300	11	1.26	2%	0
122.99	Aspartic, Miscellaneous (%)	0889	0.9650	0.0100	1.126	0.1534	0.0240	5			0
122.99	Aspartic, Miscellaneous (%)	0160	1.065	0.0500	1.126	0.1534	0.0240	5			0
122.99	Aspartic, Miscellaneous (%)	0227	1.110	0.0000	1.126	0.1534	0.0240	5			0
122.99	Aspartic, Miscellaneous (%)	2146	1.110	0.0200	1.126	0.1534	0.0240	5			0
122.99	Aspartic, Miscellaneous (%)	2144	1.379	0.0400	1.126	0.1534	0.0240	5			0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0353	0.2250	0.0100	0.2550	0.0173	0.0040	15	-1.73	6%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0652	0.2300	0.0000	0.2550	0.0173	0.0040	15	-1.44	5%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0644	0.2425	0.0070	0.2550	0.0173	0.0040	15	-0.72	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0870	0.2453	0.0043	0.2550	0.0173	0.0040	15	-0.56	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0571	0.2480	0.0040	0.2550	0.0173	0.0040	15	-0.40	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0968	0.2500	0.0000	0.2550	0.0173	0.0040	15	-0.29	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0941	0.2520	0.0000	0.2550	0.0173	0.0040	15	-0.17	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0910	0.2550	0.0100	0.2550	0.0173	0.0040	15	0.00	0%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0354	0.2565	0.0010	0.2550	0.0173	0.0040	15	0.09	0%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0939	0.2600	0.0000	0.2550	0.0173	0.0040	15	0.29	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0226	0.2607	0.0009	0.2550	0.0173	0.0040	15	0.33	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			
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	2059	0.2645	0.0030	0.2550	0.0173	0.0040	15	0.55	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0504	0.2750	0.0100	0.2550	0.0173	0.0040	15	1.16	4%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0675	0.2750	0.0100	0.2550	0.0173	0.0040	15	1.16	4%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0682	0.3000	0.0000	0.2550	0.0173	0.0040	15	2.61	9%	0
124.02	Cysteine/Cystine, PAO Post-col OPA Der (%)	0098	0.2695	0.0050				1			0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	2246	0.1181	0.0143	0.2427	0.0201	0.0079	9	-6.20	26%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0242	0.2200	0.0000	0.2427	0.0201	0.0079	9	-1.13	5%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	2188	0.2400	0.0000	0.2427	0.0201	0.0079	9	-0.13	1%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	2319	0.2400	0.0200	0.2427	0.0201	0.0079	9	-0.13	1%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0407	0.2478	0.0301	0.2427	0.0201	0.0079	9	0.25	1%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0610	0.2500	0.0000	0.2427	0.0201	0.0079	9	0.36	2%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0676	0.2500	0.0000	0.2427	0.0201	0.0079	9	0.36	2%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	2196	0.2510	0.0000	0.2427	0.0201	0.0079	9	0.41	2%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0148	0.3115	0.0070	0.2427	0.0201	0.0079	9	3.42	14%	0
124.99	Cysteine/Cystine, Miscellaneous (%)	0889	0.1600	0.0000	0.2178	0.0374	0.0222	5			0
124.99	Cysteine/Cystine, Miscellaneous (%)	2146	0.2050	0.0100	0.2178	0.0374	0.0222	5			0
124.99	Cysteine/Cystine, Miscellaneous (%)	0227	0.2250	0.0100	0.2178	0.0374	0.0222	5			0
124.99	Cysteine/Cystine, Miscellaneous (%)	2246	0.2449	0.0588	0.2178	0.0374	0.0222	5			0
124.99	Cysteine/Cystine, Miscellaneous (%)	2144	0.2540	0.0320	0.2178	0.0374	0.0222	5			0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0353	2.435	0.0100	2.575	0.1079	0.0256	14	-1.30	3%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0968	2.465	0.0100	2.575	0.1079	0.0256	14	-1.02	2%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0910	2.480	0.0200	2.575	0.1079	0.0256	14	-0.88	2%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0571	2.481	0.0570	2.575	0.1079	0.0256	14	-0.88	2%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0652	2.535	0.0100	2.575	0.1079	0.0256	14	-0.37	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0675	2.535	0.0500	2.575	0.1079	0.0256	14	-0.37	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	2059	2.549	0.0070	2.575	0.1079	0.0256	14	-0.25	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0504	2.590	0.0800	2.575	0.1079	0.0256	14	0.14	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0644	2.597	0.0090	2.575	0.1079	0.0256	14	0.20	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0354	2.615	0.0290	2.575	0.1079	0.0256	14	0.36	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0870	2.639	0.0666	2.575	0.1079	0.0256	14	0.59	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0939	2.680	0.0000	2.575	0.1079	0.0256	14	0.97	2%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0682	2.718	0.0000	2.575	0.1079	0.0256	14	1.32	3%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0226	2.746	0.0099	2.575	0.1079	0.0256	14	1.58	3%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0941	2.444	0.3000	2.575	0.1079	0.0256	14	-1.22	3%	1
125.02	Glutamic, Post-col OPA Der (%)	0098	2.592	0.0070				1			0
125.05	Glutamic, Pre-col AQC Der (%)	2246	2.256	0.1188	2.544	0.1120	0.0517	11	-2.57	6%	0
125.05	Glutamic, Pre-col AQC Der (%)	0676	2.460	0.0200	2.544	0.1120	0.0517	11	-0.75	2%	0
125.05	Glutamic, Pre-col AQC Der (%)	0610	2.485	0.0100	2.544	0.1120	0.0517	11	-0.52	1%	0
125.05	Glutamic, Pre-col AQC Der (%)	2193	2.493	0.1750	2.544	0.1120	0.0517	11	-0.46	1%	0
125.05	Glutamic, Pre-col AQC Der (%)	2319	2.495	0.0300	2.544	0.1120	0.0517	11	-0.44	1%	0
125.05	Glutamic, Pre-col AQC Der (%)	2196	2.512	0.0000	2.544	0.1120	0.0517	11	-0.28	1%	0
125.05	Glutamic, Pre-col AQC Der (%)	0242	2.550	0.0000	2.544	0.1120	0.0517	11	0.06	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			
125.05	Glutamic, Pre-col AQC Der (%)	2188	2.617	0.0000	2.544	0.1120	0.0517	11	0.65	1%	0
125.05	Glutamic, Pre-col AQC Der (%)	0626	2.628	0.0810	2.544	0.1120	0.0517	11	0.75	2%	0
125.05	Glutamic, Pre-col AQC Der (%)	0148	2.655	0.0100	2.544	0.1120	0.0517	11	0.99	2%	0
125.05	Glutamic, Pre-col AQC Der (%)	0407	2.725	0.1240	2.544	0.1120	0.0517	11	1.62	4%	0
125.99	Glutamic, Miscellaneous (%)	0889	2.370	0.1000	2.525	0.1361	0.0562	5			0
125.99	Glutamic, Miscellaneous (%)	0160	2.425	0.0700	2.525	0.1361	0.0562	5			0
125.99	Glutamic, Miscellaneous (%)	2146	2.550	0.0400	2.525	0.1361	0.0562	5			0
125.99	Glutamic, Miscellaneous (%)	0227	2.560	0.0200	2.525	0.1361	0.0562	5			0
125.99	Glutamic, Miscellaneous (%)	2144	2.721	0.0510	2.525	0.1361	0.0562	5			0
126.00	Glycine, Post-col Ninhydrin Der (%)	0353	0.5550	0.0100	0.6378	0.0159	0.0088	15	-5.20	6%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0652	0.6150	0.0100	0.6378	0.0159	0.0088	15	-1.43	2%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0968	0.6150	0.0100	0.6378	0.0159	0.0088	15	-1.43	2%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0571	0.6320	0.0080	0.6378	0.0159	0.0088	15	-0.36	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0354	0.6370	0.0140	0.6378	0.0159	0.0088	15	-0.05	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0870	0.6372	0.0014	0.6378	0.0159	0.0088	15	-0.04	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0226	0.6393	0.0061	0.6378	0.0159	0.0088	15	0.09	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0504	0.6400	0.0200	0.6378	0.0159	0.0088	15	0.14	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0910	0.6400	0.0200	0.6378	0.0159	0.0088	15	0.14	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0939	0.6400	0.0000	0.6378	0.0159	0.0088	15	0.14	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0675	0.6450	0.0100	0.6378	0.0159	0.0088	15	0.45	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	2059	0.6485	0.0030	0.6378	0.0159	0.0088	15	0.67	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0644	0.6505	0.0190	0.6378	0.0159	0.0088	15	0.80	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0941	0.6520	0.0000	0.6378	0.0159	0.0088	15	0.89	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0682	0.6790	0.0000	0.6378	0.0159	0.0088	15	2.59	3%	0
126.02	Glycine, Post-col OPA Der (%)	0098	0.6600	0.0120				1			0
126.05	Glycine, Pre-col AQC Der (%)	2193	0.6020	0.0320	0.6324	0.0154	0.0208	11	-1.97	2%	0
126.05	Glycine, Pre-col AQC Der (%)	2196	0.6130	0.0000	0.6324	0.0154	0.0208	11	-1.26	2%	0
126.05	Glycine, Pre-col AQC Der (%)	2319	0.6250	0.0100	0.6324	0.0154	0.0208	11	-0.48	1%	0
126.05	Glycine, Pre-col AQC Der (%)	0148	0.6265	0.0230	0.6324	0.0154	0.0208	11	-0.38	0%	0
126.05	Glycine, Pre-col AQC Der (%)	2246	0.6296	0.0698	0.6324	0.0154	0.0208	11	-0.18	0%	0
126.05	Glycine, Pre-col AQC Der (%)	0610	0.6350	0.0100	0.6324	0.0154	0.0208	11	0.17	0%	0
126.05	Glycine, Pre-col AQC Der (%)	0407	0.6375	0.0150	0.6324	0.0154	0.0208	11	0.33	0%	0
126.05	Glycine, Pre-col AQC Der (%)	0242	0.6400	0.0000	0.6324	0.0154	0.0208	11	0.49	1%	0
126.05	Glycine, Pre-col AQC Der (%)	0676	0.6400	0.0200	0.6324	0.0154	0.0208	11	0.49	1%	0
126.05	Glycine, Pre-col AQC Der (%)	2188	0.6450	0.0000	0.6324	0.0154	0.0208	11	0.82	1%	0
126.05	Glycine, Pre-col AQC Der (%)	0626	0.6645	0.0490	0.6324	0.0154	0.0208	11	2.09	3%	0
126.99	Glycine, Miscellaneous (%)	2146	0.6250	0.0100	0.6570	0.0419	0.0290	4			0
126.99	Glycine, Miscellaneous (%)	0160	0.6350	0.0700	0.6570	0.0419	0.0290	4			0
126.99	Glycine, Miscellaneous (%)	0227	0.6500	0.0000	0.6570	0.0419	0.0290	4			0
126.99	Glycine, Miscellaneous (%)	2144	0.7180	0.0360	0.6570	0.0419	0.0290	4			0
126.99	Glycine, Miscellaneous (%)	0889	0.2900	0.0000	0.6570	0.0419	0.0290	4			2
127.00	Histidine, Post-col Ninhydrin Der (%)	0353	0.3050	0.0100	0.3446	0.0239	0.0050	15	-1.66	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			
127.00	Histidine, Post-col Ninhydrin Der (%)	0226	0.3192	0.0077	0.3446	0.0239	0.0050	15	-1.07	4%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0968	0.3250	0.0100	0.3446	0.0239	0.0050	15	-0.82	3%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0870	0.3256	0.0039	0.3446	0.0239	0.0050	15	-0.80	3%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0571	0.3320	0.0060	0.3446	0.0239	0.0050	15	-0.53	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0354	0.3350	0.0060	0.3446	0.0239	0.0050	15	-0.40	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0910	0.3400	0.0000	0.3446	0.0239	0.0050	15	-0.19	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0504	0.3450	0.0100	0.3446	0.0239	0.0050	15	0.02	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0939	0.3500	0.0000	0.3446	0.0239	0.0050	15	0.23	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0644	0.3520	0.0000	0.3446	0.0239	0.0050	15	0.31	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	2059	0.3545	0.0010	0.3446	0.0239	0.0050	15	0.42	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0652	0.3600	0.0000	0.3446	0.0239	0.0050	15	0.65	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0941	0.3610	0.0000	0.3446	0.0239	0.0050	15	0.69	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0675	0.3900	0.0200	0.3446	0.0239	0.0050	15	1.90	7%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0682	0.4160	0.0000	0.3446	0.0239	0.0050	15	2.99	10%	0
127.02	Histidine, Post-col OPA Der (%)	0098	0.3200	0.0100				1			0
127.05	Histidine, Pre-col AQC Der (%)	0148	0.3060	0.0060	0.3431	0.0224	0.0108	11	-1.65	5%	0
127.05	Histidine, Pre-col AQC Der (%)	0676	0.3200	0.0200	0.3431	0.0224	0.0108	11	-1.03	3%	0
127.05	Histidine, Pre-col AQC Der (%)	2319	0.3250	0.0100	0.3431	0.0224	0.0108	11	-0.81	3%	0
127.05	Histidine, Pre-col AQC Der (%)	0610	0.3300	0.0000	0.3431	0.0224	0.0108	11	-0.59	2%	0
127.05	Histidine, Pre-col AQC Der (%)	2193	0.3420	0.0260	0.3431	0.0224	0.0108	11	-0.05	0%	0
127.05	Histidine, Pre-col AQC Der (%)	0626	0.3440	0.0160	0.3431	0.0224	0.0108	11	0.04	0%	0
127.05	Histidine, Pre-col AQC Der (%)	2188	0.3550	0.0000	0.3431	0.0224	0.0108	11	0.53	2%	0
127.05	Histidine, Pre-col AQC Der (%)	2246	0.3556	0.0299	0.3431	0.0224	0.0108	11	0.55	2%	0
127.05	Histidine, Pre-col AQC Der (%)	0407	0.3575	0.0110	0.3431	0.0224	0.0108	11	0.64	2%	0
127.05	Histidine, Pre-col AQC Der (%)	2196	0.3660	0.0000	0.3431	0.0224	0.0108	11	1.02	3%	0
127.05	Histidine, Pre-col AQC Der (%)	0242	0.3700	0.0000	0.3431	0.0224	0.0108	11	1.20	4%	0
127.99	Histidine, Miscellaneous (%)	0889	0.2900	0.0000	0.3531	0.0462	0.0122	5			0
127.99	Histidine, Miscellaneous (%)	0160	0.3500	0.0200	0.3531	0.0462	0.0122	5			0
127.99	Histidine, Miscellaneous (%)	0227	0.3500	0.0000	0.3531	0.0462	0.0122	5			0
127.99	Histidine, Miscellaneous (%)	2146	0.3550	0.0100	0.3531	0.0462	0.0122	5			0
127.99	Histidine, Miscellaneous (%)	2144	0.4205	0.0310	0.3531	0.0462	0.0122	5			0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0353	0.3950	0.0100	0.4875	0.0273	0.0093	15	-3.38	9%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0968	0.4550	0.0100	0.4875	0.0273	0.0093	15	-1.19	3%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0870	0.4557	0.0031	0.4875	0.0273	0.0093	15	-1.16	3%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0652	0.4600	0.0000	0.4875	0.0273	0.0093	15	-1.00	3%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0354	0.4760	0.0120	0.4875	0.0273	0.0093	15	-0.42	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0571	0.4785	0.0010	0.4875	0.0273	0.0093	15	-0.33	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0910	0.4950	0.0300	0.4875	0.0273	0.0093	15	0.28	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0939	0.4950	0.0100	0.4875	0.0273	0.0093	15	0.28	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0682	0.4980	0.0000	0.4875	0.0273	0.0093	15	0.38	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	2059	0.4990	0.0060	0.4875	0.0273	0.0093	15	0.42	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0941	0.5010	0.0000	0.4875	0.0273	0.0093	15	0.49	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			
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0226	0.5061	0.0163	0.4875	0.0273	0.0093	15	0.68	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0504	0.5100	0.0200	0.4875	0.0273	0.0093	15	0.82	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0675	0.5100	0.0200	0.4875	0.0273	0.0093	15	0.82	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0644	0.5265	0.0010	0.4875	0.0273	0.0093	15	1.43	4%	0
128.02	Isoleucine, Post-col OPA Der (%)	0098	0.4650	0.0100				1			0
128.05	Isoleucine, Pre-col AQC Der (%)	2319	0.3600	0.0600	0.5054	0.0307	0.0210	11	-4.74	14%	0
128.05	Isoleucine, Pre-col AQC Der (%)	2246	0.4838	0.0062	0.5054	0.0307	0.0210	11	-0.71	2%	0
128.05	Isoleucine, Pre-col AQC Der (%)	0676	0.4850	0.0500	0.5054	0.0307	0.0210	11	-0.67	2%	0
128.05	Isoleucine, Pre-col AQC Der (%)	0610	0.4900	0.0000	0.5054	0.0307	0.0210	11	-0.50	2%	0
128.05	Isoleucine, Pre-col AQC Der (%)	0148	0.4980	0.0160	0.5054	0.0307	0.0210	11	-0.24	1%	0
128.05	Isoleucine, Pre-col AQC Der (%)	2188	0.5000	0.0000	0.5054	0.0307	0.0210	11	-0.18	1%	0
128.05	Isoleucine, Pre-col AQC Der (%)	2193	0.5065	0.0650	0.5054	0.0307	0.0210	11	0.03	0%	0
128.05	Isoleucine, Pre-col AQC Der (%)	2196	0.5140	0.0000	0.5054	0.0307	0.0210	11	0.28	1%	0
128.05	Isoleucine, Pre-col AQC Der (%)	0407	0.5365	0.0310	0.5054	0.0307	0.0210	11	1.01	3%	0
128.05	Isoleucine, Pre-col AQC Der (%)	0626	0.5365	0.0030	0.5054	0.0307	0.0210	11	1.01	3%	0
128.05	Isoleucine, Pre-col AQC Der (%)	0242	0.5500	0.0000	0.5054	0.0307	0.0210	11	1.45	4%	0
128.99	Isoleucine, Miscellaneous (%)	0889	0.3300	0.0000	0.4604	0.0931	0.0093	4			0
128.99	Isoleucine, Miscellaneous (%)	2146	0.4650	0.0100	0.4604	0.0931	0.0093	4			0
128.99	Isoleucine, Miscellaneous (%)	0227	0.5000	0.0000	0.4604	0.0931	0.0093	4			0
128.99	Isoleucine, Miscellaneous (%)	2144	0.5465	0.0270	0.4604	0.0931	0.0093	4			0
128.99	Isoleucine, Miscellaneous (%)	0160	0.5100	0.0800	0.4604	0.0931	0.0093	4			1
129.00	Leucine, Post-col Ninhydrin Der (%)	0968	0.9450	0.0100	0.9972	0.0356	0.0126	15	-1.47	3%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0652	0.9450	0.0300	0.9972	0.0356	0.0126	15	-1.47	3%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0353	0.9550	0.0100	0.9972	0.0356	0.0126	15	-1.19	2%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	2059	0.9820	0.0120	0.9972	0.0356	0.0126	15	-0.43	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0571	0.9875	0.0050	0.9972	0.0356	0.0126	15	-0.27	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0675	0.9900	0.0200	0.9972	0.0356	0.0126	15	-0.20	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0910	0.9950	0.0100	0.9972	0.0356	0.0126	15	-0.06	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0354	0.9965	0.0230	0.9972	0.0356	0.0126	15	-0.02	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0870	1.003	0.0167	0.9972	0.0356	0.0126	15	0.17	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0504	1.010	0.0400	0.9972	0.0356	0.0126	15	0.36	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0939	1.015	0.0100	0.9972	0.0356	0.0126	15	0.50	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0941	1.025	0.0000	0.9972	0.0356	0.0126	15	0.78	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0644	1.027	0.0020	0.9972	0.0356	0.0126	15	0.84	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0226	1.031	0.0003	0.9972	0.0356	0.0126	15	0.96	2%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0682	1.060	0.0000	0.9972	0.0356	0.0126	15	1.76	3%	0
129.02	Leucine, Post-col OPA Der (%)	0098	0.9735	0.0250				1			0
129.05	Leucine, Pre-col AQC Der (%)	2319	0.9000	0.0600	0.9987	0.0305	0.0338	11	-3.24	5%	0
129.05	Leucine, Pre-col AQC Der (%)	0610	0.9750	0.0100	0.9987	0.0305	0.0338	11	-0.78	1%	0
129.05	Leucine, Pre-col AQC Der (%)	2193	0.9750	0.0920	0.9987	0.0305	0.0338	11	-0.78	1%	0
129.05	Leucine, Pre-col AQC Der (%)	2196	0.9810	0.0000	0.9987	0.0305	0.0338	11	-0.58	1%	0
129.05	Leucine, Pre-col AQC Der (%)	2246	0.9950	0.0237	0.9987	0.0305	0.0338	11	-0.12	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			
129.05	Leucine, Pre-col AQC Der (%)	0676	0.9950	0.0700	0.9987	0.0305	0.0338	11	-0.12	0%	0
129.05	Leucine, Pre-col AQC Der (%)	0626	1.002	0.0150	0.9987	0.0305	0.0338	11	0.09	0%	0
129.05	Leucine, Pre-col AQC Der (%)	0148	1.015	0.0300	0.9987	0.0305	0.0338	11	0.53	1%	0
129.05	Leucine, Pre-col AQC Der (%)	2188	1.026	0.0000	0.9987	0.0305	0.0338	11	0.89	1%	0
129.05	Leucine, Pre-col AQC Der (%)	0407	1.030	0.0710	0.9987	0.0305	0.0338	11	1.01	2%	0
129.05	Leucine, Pre-col AQC Der (%)	0242	1.040	0.0000	0.9987	0.0305	0.0338	11	1.35	2%	0
129.99	Leucine, Miscellaneous (%)	0889	0.8200	0.0200	0.9843	0.1276	0.0294	5			0
129.99	Leucine, Miscellaneous (%)	0160	0.9350	0.0700	0.9843	0.1276	0.0294	5			0
129.99	Leucine, Miscellaneous (%)	2146	0.9850	0.0100	0.9843	0.1276	0.0294	5			0
129.99	Leucine, Miscellaneous (%)	0227	1.010	0.0000	0.9843	0.1276	0.0294	5			0
129.99	Leucine, Miscellaneous (%)	2144	1.172	0.0470	0.9843	0.1276	0.0294	5			0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0848	0.5050	0.0300	0.6108	0.0305	0.0107	16	-3.47	9%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0353	0.5150	0.0100	0.6108	0.0305	0.0107	16	-3.14	8%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0571	0.5885	0.0130	0.6108	0.0305	0.0107	16	-0.73	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0910	0.5900	0.0000	0.6108	0.0305	0.0107	16	-0.68	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0968	0.5950	0.0100	0.6108	0.0305	0.0107	16	-0.52	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0652	0.6000	0.0200	0.6108	0.0305	0.0107	16	-0.35	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0939	0.6000	0.0000	0.6108	0.0305	0.0107	16	-0.35	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0226	0.6102	0.0030	0.6108	0.0305	0.0107	16	-0.02	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0941	0.6180	0.0000	0.6108	0.0305	0.0107	16	0.24	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0870	0.6188	0.0240	0.6108	0.0305	0.0107	16	0.26	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	2059	0.6245	0.0010	0.6108	0.0305	0.0107	16	0.45	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0354	0.6250	0.0180	0.6108	0.0305	0.0107	16	0.47	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0682	0.6290	0.0000	0.6108	0.0305	0.0107	16	0.60	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0644	0.6330	0.0020	0.6108	0.0305	0.0107	16	0.73	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0504	0.6550	0.0300	0.6108	0.0305	0.0107	16	1.45	4%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0675	0.6550	0.0100	0.6108	0.0305	0.0107	16	1.45	4%	0
130.02	L-Lysine, Post-col OPA Der (%)	0098	0.6240	0.0360				1			0
130.05	L-Lysine, Pre-col AQC Der (%)	0407	0.5575	0.0010	0.6220	0.0506	0.0164	12	-1.28	5%	0
130.05	L-Lysine, Pre-col AQC Der (%)	2246	0.5810	0.0012	0.6220	0.0506	0.0164	12	-0.81	3%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0014	0.5850	0.0700	0.6220	0.0506	0.0164	12	-0.73	3%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0610	0.5900	0.0000	0.6220	0.0506	0.0164	12	-0.63	3%	0
130.05	L-Lysine, Pre-col AQC Der (%)	2319	0.5900	0.0200	0.6220	0.0506	0.0164	12	-0.63	3%	0
130.05	L-Lysine, Pre-col AQC Der (%)	2193	0.6085	0.0210	0.6220	0.0506	0.0164	12	-0.27	1%	0
130.05	L-Lysine, Pre-col AQC Der (%)	2196	0.6130	0.0000	0.6220	0.0506	0.0164	12	-0.18	1%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0676	0.6450	0.0500	0.6220	0.0506	0.0164	12	0.45	2%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0148	0.6550	0.0080	0.6220	0.0506	0.0164	12	0.65	3%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0242	0.6600	0.0000	0.6220	0.0506	0.0164	12	0.75	3%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0626	0.6815	0.0250	0.6220	0.0506	0.0164	12	1.18	5%	0
130.05	L-Lysine, Pre-col AQC Der (%)	2188	0.8980	0.0000	0.6220	0.0506	0.0164	12	5.46	22%	0
130.99	L-Lysine, Miscellaneous (%)	0889	0.3350	0.0100	0.6269	0.0649	0.0283	6	-4.50	23%	0
130.99	L-Lysine, Miscellaneous (%)	0160	0.6150	0.0300	0.6269	0.0649	0.0283	6	-0.18	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			
130.99	L-Lysine, Miscellaneous (%)	2146	0.6200	0.0200	0.6269	0.0649	0.0283	6	-0.11	1%	0
130.99	L-Lysine, Miscellaneous (%)	0227	0.6300	0.0000	0.6269	0.0649	0.0283	6	0.05	0%	0
130.99	L-Lysine, Miscellaneous (%)	2246	0.6426	0.0787	0.6269	0.0649	0.0283	6	0.24	1%	0
130.99	L-Lysine, Miscellaneous (%)	2144	0.7445	0.0310	0.6269	0.0649	0.0283	6	1.81	9%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0652	0.1850	0.0100	0.2103	0.0119	0.0046	15	-2.12	6%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0354	0.1880	0.0020	0.2103	0.0119	0.0046	15	-1.86	5%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0571	0.2015	0.0050	0.2103	0.0119	0.0046	15	-0.74	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0226	0.2040	0.0089	0.2103	0.0119	0.0046	15	-0.53	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0353	0.2050	0.0100	0.2103	0.0119	0.0046	15	-0.44	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0939	0.2050	0.0100	0.2103	0.0119	0.0046	15	-0.44	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0504	0.2100	0.0000	0.2103	0.0119	0.0046	15	-0.02	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0910	0.2100	0.0000	0.2103	0.0119	0.0046	15	-0.02	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0968	0.2100	0.0000	0.2103	0.0119	0.0046	15	-0.02	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0941	0.2160	0.0000	0.2103	0.0119	0.0046	15	0.48	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	2059	0.2160	0.0040	0.2103	0.0119	0.0046	15	0.48	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0644	0.2195	0.0010	0.2103	0.0119	0.0046	15	0.77	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0682	0.2220	0.0000	0.2103	0.0119	0.0046	15	0.98	3%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0675	0.2250	0.0100	0.2103	0.0119	0.0046	15	1.23	3%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0870	0.2256	0.0088	0.2103	0.0119	0.0046	15	1.28	4%	0
131.02	Methionine, PAO Post-col OPA Der (%)	0098	0.1990	0.0080				1			0
131.05	Methionine, PAO Pre-col AQC Der (%)	0242	0.1700	0.0000	0.2100	0.0306	0.0098	10	-1.31	10%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	0148	0.1820	0.0080	0.2100	0.0306	0.0098	10	-0.92	7%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	2188	0.1910	0.0000	0.2100	0.0306	0.0098	10	-0.62	5%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	0610	0.2000	0.0000	0.2100	0.0306	0.0098	10	-0.33	2%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	2319	0.2000	0.0200	0.2100	0.0306	0.0098	10	-0.33	2%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	0407	0.2154	0.0173	0.2100	0.0306	0.0098	10	0.17	1%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	0626	0.2180	0.0000	0.2100	0.0306	0.0098	10	0.26	2%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	2196	0.2230	0.0000	0.2100	0.0306	0.0098	10	0.42	3%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	0676	0.2450	0.0300	0.2100	0.0306	0.0098	10	1.14	8%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	2246	0.2749	0.0226	0.2100	0.0306	0.0098	10	2.12	15%	0
131.99	Methionine, Miscellaneous (%)	2246	0.1597	0.0236	0.2086	0.0321	0.0093	5			0
131.99	Methionine, Miscellaneous (%)	2146	0.2050	0.0100	0.2086	0.0321	0.0093	5			0
131.99	Methionine, Miscellaneous (%)	0227	0.2100	0.0000	0.2086	0.0321	0.0093	5			0
131.99	Methionine, Miscellaneous (%)	0889	0.2200	0.0000	0.2086	0.0321	0.0093	5			0
131.99	Methionine, Miscellaneous (%)	2144	0.2485	0.0130	0.2086	0.0321	0.0093	5			0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	2059	0.5585	0.0070	0.6012	0.0204	0.0130	15	-2.09	4%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0353	0.5750	0.0100	0.6012	0.0204	0.0130	15	-1.28	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0968	0.5850	0.0100	0.6012	0.0204	0.0130	15	-0.79	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0571	0.5855	0.0050	0.6012	0.0204	0.0130	15	-0.77	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0870	0.5890	0.0118	0.6012	0.0204	0.0130	15	-0.60	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0939	0.5950	0.0100	0.6012	0.0204	0.0130	15	-0.30	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0504	0.6000	0.0200	0.6012	0.0204	0.0130	15	-0.06	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			
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0652	0.6000	0.0200	0.6012	0.0204	0.0130	15	-0.06	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0910	0.6050	0.0100	0.6012	0.0204	0.0130	15	0.19	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0941	0.6100	0.0000	0.6012	0.0204	0.0130	15	0.43	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0644	0.6105	0.0010	0.6012	0.0204	0.0130	15	0.45	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0682	0.6190	0.0000	0.6012	0.0204	0.0130	15	0.87	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0354	0.6205	0.0310	0.6012	0.0204	0.0130	15	0.94	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0226	0.6214	0.0393	0.6012	0.0204	0.0130	15	0.99	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0675	0.6900	0.0200	0.6012	0.0204	0.0130	15	4.35	7%	0
132.02	Phenylalanine, Post-col OPA Der (%)	0098	0.5745	0.0170				1			0
132.05	Phenylalanine, Pre-col AQC Der (%)	0148	0.5425	0.0110	0.6064	0.0336	0.0173	11	-1.90	5%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	2246	0.5683	0.0229	0.6064	0.0336	0.0173	11	-1.14	3%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	0610	0.5800	0.0000	0.6064	0.0336	0.0173	11	-0.79	2%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	2319	0.5950	0.0300	0.6064	0.0336	0.0173	11	-0.34	1%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	0242	0.6100	0.0000	0.6064	0.0336	0.0173	11	0.11	0%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	2188	0.6100	0.0000	0.6064	0.0336	0.0173	11	0.11	0%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	2196	0.6140	0.0000	0.6064	0.0336	0.0173	11	0.23	1%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	0407	0.6215	0.0230	0.6064	0.0336	0.0173	11	0.45	1%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	2193	0.6240	0.0200	0.6064	0.0336	0.0173	11	0.52	1%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	0676	0.6350	0.0700	0.6064	0.0336	0.0173	11	0.85	2%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	0626	0.6725	0.0130	0.6064	0.0336	0.0173	11	1.97	5%	0
132.99	Phenylalanine, Miscellaneous (%)	0889	0.5300	0.0000	0.6099	0.0730	0.0114	5			0
132.99	Phenylalanine, Miscellaneous (%)	0160	0.5900	0.0200	0.6099	0.0730	0.0114	5			0
132.99	Phenylalanine, Miscellaneous (%)	2146	0.5950	0.0100	0.6099	0.0730	0.0114	5			0
132.99	Phenylalanine, Miscellaneous (%)	0227	0.6050	0.0100	0.6099	0.0730	0.0114	5			0
132.99	Phenylalanine, Miscellaneous (%)	2144	0.7295	0.0170	0.6099	0.0730	0.0114	5			0
133.00	Proline, Post-col Ninhydrin Der (%)	0354	0.8155	0.0150	0.8896	0.0352	0.0120	14	-2.11	4%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0939	0.8400	0.0000	0.8896	0.0352	0.0120	14	-1.41	3%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0353	0.8650	0.0100	0.8896	0.0352	0.0120	14	-0.70	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0910	0.8700	0.0000	0.8896	0.0352	0.0120	14	-0.56	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0675	0.8750	0.0100	0.8896	0.0352	0.0120	14	-0.41	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0870	0.8759	0.0470	0.8896	0.0352	0.0120	14	-0.39	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0968	0.8900	0.0000	0.8896	0.0352	0.0120	14	0.01	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0644	0.8915	0.0130	0.8896	0.0352	0.0120	14	0.05	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0941	0.9040	0.0000	0.8896	0.0352	0.0120	14	0.41	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0571	0.9095	0.0130	0.8896	0.0352	0.0120	14	0.57	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	2059	0.9135	0.0030	0.8896	0.0352	0.0120	14	0.68	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0226	0.9155	0.0263	0.8896	0.0352	0.0120	14	0.74	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0504	0.9250	0.0300	0.8896	0.0352	0.0120	14	1.01	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0682	0.9720	0.0000	0.8896	0.0352	0.0120	14	2.34	5%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0652	0.9300	0.0800	0.8896	0.0352	0.0120	14	1.15	2%	1
133.05	Proline, Pre-col AQC Der (%)	2188	0.8530	0.0000	0.8854	0.0265	0.0276	11	-1.22	2%	0
133.05	Proline, Pre-col AQC Der (%)	2319	0.8600	0.0200	0.8854	0.0265	0.0276	11	-0.96	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			
133.05	Proline, Pre-col AQC Der (%)	2246	0.8667	0.0566	0.8854	0.0265	0.0276	11	-0.71	1%	0
133.05	Proline, Pre-col AQC Der (%)	0148	0.8735	0.0450	0.8854	0.0265	0.0276	11	-0.45	1%	0
133.05	Proline, Pre-col AQC Der (%)	0610	0.8750	0.0100	0.8854	0.0265	0.0276	11	-0.39	1%	0
133.05	Proline, Pre-col AQC Der (%)	0242	0.8800	0.0000	0.8854	0.0265	0.0276	11	-0.21	0%	0
133.05	Proline, Pre-col AQC Der (%)	0407	0.8825	0.0130	0.8854	0.0265	0.0276	11	-0.11	0%	0
133.05	Proline, Pre-col AQC Der (%)	0676	0.9050	0.0300	0.8854	0.0265	0.0276	11	0.74	1%	0
133.05	Proline, Pre-col AQC Der (%)	2193	0.9080	0.1120	0.8854	0.0265	0.0276	11	0.85	1%	0
133.05	Proline, Pre-col AQC Der (%)	2196	0.9110	0.0000	0.8854	0.0265	0.0276	11	0.96	1%	0
133.05	Proline, Pre-col AQC Der (%)	0626	0.9575	0.0170	0.8854	0.0265	0.0276	11	2.72	4%	0
133.99	Proline, Miscellaneous (%)	0889	0.5750	0.0100	0.8728	0.1749	0.0472	5			0
133.99	Proline, Miscellaneous (%)	0160	0.8800	0.0400	0.8728	0.1749	0.0472	5			0
133.99	Proline, Miscellaneous (%)	2144	0.9390	0.0660	0.8728	0.1749	0.0472	5			0
133.99	Proline, Miscellaneous (%)	0227	0.9400	0.0400	0.8728	0.1749	0.0472	5			0
133.99	Proline, Miscellaneous (%)	2146	1.030	0.0800	0.8728	0.1749	0.0472	5			0
134.00	Serine, Post-col Ninhydrin Der (%)	0504	0.5400	0.0200	0.6140	0.0371	0.0100	15	-2.00	6%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0675	0.5500	0.0200	0.6140	0.0371	0.0100	15	-1.73	5%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0644	0.5800	0.0000	0.6140	0.0371	0.0100	15	-0.92	3%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0571	0.6035	0.0090	0.6140	0.0371	0.0100	15	-0.28	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0353	0.6050	0.0100	0.6140	0.0371	0.0100	15	-0.24	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0968	0.6050	0.0100	0.6140	0.0371	0.0100	15	-0.24	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0652	0.6100	0.0400	0.6140	0.0371	0.0100	15	-0.11	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0910	0.6100	0.0000	0.6140	0.0371	0.0100	15	-0.11	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0682	0.6140	0.0000	0.6140	0.0371	0.0100	15	0.00	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	2059	0.6185	0.0010	0.6140	0.0371	0.0100	15	0.12	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0226	0.6331	0.0086	0.6140	0.0371	0.0100	15	0.51	2%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0941	0.6350	0.0000	0.6140	0.0371	0.0100	15	0.57	2%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0939	0.6500	0.0200	0.6140	0.0371	0.0100	15	0.97	3%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0354	0.6600	0.0040	0.6140	0.0371	0.0100	15	1.24	4%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0870	0.6828	0.0071	0.6140	0.0371	0.0100	15	1.85	6%	0
134.02	Serine, Post-col OPA Der (%)	0098	0.4870	0.0020				1			0
134.05	Serine, Pre-col AQC Der (%)	0407	0.4930	0.0200	0.6112	0.0485	0.0183	11	-2.44	10%	0
134.05	Serine, Pre-col AQC Der (%)	0610	0.5550	0.0100	0.6112	0.0485	0.0183	11	-1.16	5%	0
134.05	Serine, Pre-col AQC Der (%)	2196	0.5800	0.0000	0.6112	0.0485	0.0183	11	-0.64	3%	0
134.05	Serine, Pre-col AQC Der (%)	2193	0.5855	0.0130	0.6112	0.0485	0.0183	11	-0.53	2%	0
134.05	Serine, Pre-col AQC Der (%)	0242	0.6100	0.0000	0.6112	0.0485	0.0183	11	-0.02	0%	0
134.05	Serine, Pre-col AQC Der (%)	2188	0.6120	0.0000	0.6112	0.0485	0.0183	11	0.02	0%	0
134.05	Serine, Pre-col AQC Der (%)	0676	0.6250	0.0500	0.6112	0.0485	0.0183	11	0.29	1%	0
134.05	Serine, Pre-col AQC Der (%)	0148	0.6335	0.0310	0.6112	0.0485	0.0183	11	0.46	2%	0
134.05	Serine, Pre-col AQC Der (%)	0626	0.6565	0.0550	0.6112	0.0485	0.0183	11	0.93	4%	0
134.05	Serine, Pre-col AQC Der (%)	2246	0.6619	0.0127	0.6112	0.0485	0.0183	11	1.05	4%	0
134.05	Serine, Pre-col AQC Der (%)	2319	0.6650	0.0100	0.6112	0.0485	0.0183	11	1.11	4%	0
134.99	Serine, Miscellaneous (%)	0160	0.5600	0.0800	0.6514	0.0706	0.0296	5			0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
134.99	Serine, Miscellaneous (%)	2146	0.6250	0.0100	0.6514	0.0706	0.0296	5		0	
134.99	Serine, Miscellaneous (%)	0227	0.6300	0.0000	0.6514	0.0706	0.0296	5		0	
134.99	Serine, Miscellaneous (%)	2144	0.7020	0.0580	0.6514	0.0706	0.0296	5		0	
134.99	Serine, Miscellaneous (%)	0889	0.7400	0.0000	0.6514	0.0706	0.0296	5		0	
135.00	Threonine, Post-col Ninhydrin Der (%)	0226	0.3899	0.0171	0.4650	0.0195	0.0079	15	-3.86	8%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0353	0.4350	0.0100	0.4650	0.0195	0.0079	15	-1.54	3%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0652	0.4550	0.0100	0.4650	0.0195	0.0079	15	-0.51	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0571	0.4575	0.0090	0.4650	0.0195	0.0079	15	-0.39	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0644	0.4585	0.0010	0.4650	0.0195	0.0079	15	-0.33	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0504	0.4600	0.0200	0.4650	0.0195	0.0079	15	-0.26	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0675	0.4600	0.0200	0.4650	0.0195	0.0079	15	-0.26	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0939	0.4600	0.0000	0.4650	0.0195	0.0079	15	-0.26	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0910	0.4650	0.0100	0.4650	0.0195	0.0079	15	0.00	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0968	0.4650	0.0100	0.4650	0.0195	0.0079	15	0.00	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	2059	0.4730	0.0080	0.4650	0.0195	0.0079	15	0.41	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0941	0.4800	0.0000	0.4650	0.0195	0.0079	15	0.77	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0870	0.4813	0.0007	0.4650	0.0195	0.0079	15	0.83	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0354	0.5035	0.0030	0.4650	0.0195	0.0079	15	1.97	4%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0682	0.5290	0.0000	0.4650	0.0195	0.0079	15	3.28	7%	0
135.02	Threonine, Post-col OPA Der (%)	0098	0.4500	0.0260				1			0
135.05	Threonine, Pre-col AQC Der (%)	0407	0.3870	0.0160	0.4649	0.0238	0.0107	11	-3.27	8%	0
135.05	Threonine, Pre-col AQC Der (%)	2196	0.4420	0.0000	0.4649	0.0238	0.0107	11	-0.96	2%	0
135.05	Threonine, Pre-col AQC Der (%)	2319	0.4500	0.0200	0.4649	0.0238	0.0107	11	-0.63	2%	0
135.05	Threonine, Pre-col AQC Der (%)	0610	0.4550	0.0100	0.4649	0.0238	0.0107	11	-0.42	1%	0
135.05	Threonine, Pre-col AQC Der (%)	2193	0.4550	0.0180	0.4649	0.0238	0.0107	11	-0.42	1%	0
135.05	Threonine, Pre-col AQC Der (%)	2188	0.4690	0.0000	0.4649	0.0238	0.0107	11	0.17	0%	0
135.05	Threonine, Pre-col AQC Der (%)	0626	0.4740	0.0160	0.4649	0.0238	0.0107	11	0.38	1%	0
135.05	Threonine, Pre-col AQC Der (%)	0148	0.4745	0.0070	0.4649	0.0238	0.0107	11	0.40	1%	0
135.05	Threonine, Pre-col AQC Der (%)	0676	0.4750	0.0300	0.4649	0.0238	0.0107	11	0.42	1%	0
135.05	Threonine, Pre-col AQC Der (%)	0242	0.4900	0.0000	0.4649	0.0238	0.0107	11	1.05	3%	0
135.05	Threonine, Pre-col AQC Der (%)	2246	0.5056	0.0009	0.4649	0.0238	0.0107	11	1.70	4%	0
135.99	Threonine, Miscellaneous (%)	2146	0.4400	0.0000	0.4852	0.0438	0.0220	6	-1.03	5%	0
135.99	Threonine, Miscellaneous (%)	0160	0.4450	0.0300	0.4852	0.0438	0.0220	6	-0.92	4%	0
135.99	Threonine, Miscellaneous (%)	0227	0.4750	0.0100	0.4852	0.0438	0.0220	6	-0.23	1%	0
135.99	Threonine, Miscellaneous (%)	2246	0.4970	0.0609	0.4852	0.0438	0.0220	6	0.27	1%	0
135.99	Threonine, Miscellaneous (%)	2144	0.5245	0.0310	0.4852	0.0438	0.0220	6	0.90	4%	0
135.99	Threonine, Miscellaneous (%)	0889	0.5300	0.0000	0.4852	0.0438	0.0220	6	1.02	5%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0682	0.1210	0.0000	0.1697	0.0336	0.0010	4			0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0941	0.1740	0.0000	0.1697	0.0336	0.0010	4			0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0227	0.1900	0.0000	0.1697	0.0336	0.0010	4			0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0870	0.1937	0.0039	0.1697	0.0336	0.0010	4			0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0910	0.1350	0.0100	0.1697	0.0336	0.0010	4			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			
136.01	Tryptophan, Alka-Hydrol Rev Phase LC UV (%)	0644	0.1780	0.0020				1			0
136.02	Tryptophan, Alka-Hydrol Post-col OPA De (%)	0098	0.1720	0.0040				1			0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0939	0.1700	0.0000	0.1721	0.0020	0.0008	4			0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	2059	0.1710	0.0020	0.1721	0.0020	0.0008	4			0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	2196	0.1730	0.0000	0.1721	0.0020	0.0008	4			0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0571	0.1745	0.0010	0.1721	0.0020	0.0008	4			0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0353	0.1450	0.0100	0.1721	0.0020	0.0008	4			2
136.05	Tryptophan, Pre-col AQC Der (%)	2246	0.1013	0.0016				3			0
136.05	Tryptophan, Pre-col AQC Der (%)	0242	0.1700	0.0000				3			0
136.05	Tryptophan, Pre-col AQC Der (%)	0407	0.1775	0.0070				3			0
136.99	Tryptophan, Miscellaneous (%)	0504	0.1350	0.0100				3			0
136.99	Tryptophan, Miscellaneous (%)	2246	0.1486	0.0140				3			0
136.99	Tryptophan, Miscellaneous (%)	0889	0.2950	0.0100				3			0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0910	0.3000	0.0000	0.3898	0.0533	0.0086	13	-1.69	12%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0675	0.3100	0.0200	0.3898	0.0533	0.0086	13	-1.50	10%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0870	0.3632	0.0068	0.3898	0.0533	0.0086	13	-0.50	3%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0504	0.3650	0.0100	0.3898	0.0533	0.0086	13	-0.47	3%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0226	0.3784	0.0166	0.3898	0.0533	0.0086	13	-0.21	1%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0941	0.3810	0.0000	0.3898	0.0533	0.0086	13	-0.17	1%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0968	0.3950	0.0300	0.3898	0.0533	0.0086	13	0.10	1%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0354	0.3970	0.0140	0.3898	0.0533	0.0086	13	0.13	1%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0644	0.4125	0.0130	0.3898	0.0533	0.0086	13	0.43	3%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0682	0.4160	0.0000	0.3898	0.0533	0.0086	13	0.49	3%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0353	0.4200	0.0000	0.3898	0.0533	0.0086	13	0.57	4%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0939	0.4500	0.0000	0.3898	0.0533	0.0086	13	1.13	8%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	2059	0.5930	0.0020	0.3898	0.0533	0.0086	13	3.81	26%	0
137.02	Tyrosine, Post-col OPA Der (%)	0098	0.3465	0.0150				1			0
137.05	Tyrosine, Pre-col AQC Der (%)	2246	0.2856	0.0420	0.4064	0.0294	0.0145	11	-4.11	15%	0
137.05	Tyrosine, Pre-col AQC Der (%)	0242	0.3700	0.0000	0.4064	0.0294	0.0145	11	-1.24	4%	0
137.05	Tyrosine, Pre-col AQC Der (%)	2196	0.3950	0.0000	0.4064	0.0294	0.0145	11	-0.39	1%	0
137.05	Tyrosine, Pre-col AQC Der (%)	0626	0.4020	0.0140	0.4064	0.0294	0.0145	11	-0.15	1%	0
137.05	Tyrosine, Pre-col AQC Der (%)	2319	0.4050	0.0100	0.4064	0.0294	0.0145	11	-0.05	0%	0
137.05	Tyrosine, Pre-col AQC Der (%)	0407	0.4070	0.0180	0.4064	0.0294	0.0145	11	0.02	0%	0
137.05	Tyrosine, Pre-col AQC Der (%)	2193	0.4075	0.0050	0.4064	0.0294	0.0145	11	0.04	0%	0
137.05	Tyrosine, Pre-col AQC Der (%)	2188	0.4080	0.0000	0.4064	0.0294	0.0145	11	0.05	0%	0
137.05	Tyrosine, Pre-col AQC Der (%)	0610	0.4200	0.0200	0.4064	0.0294	0.0145	11	0.46	2%	0
137.05	Tyrosine, Pre-col AQC Der (%)	0148	0.4430	0.0100	0.4064	0.0294	0.0145	11	1.25	5%	0
137.05	Tyrosine, Pre-col AQC Der (%)	0676	0.5000	0.0400	0.4064	0.0294	0.0145	11	3.18	12%	0
137.99	Tyrosine, Miscellaneous (%)	0889	0.2950	0.0100	0.3818	0.0536	0.0164	5			0
137.99	Tyrosine, Miscellaneous (%)	0227	0.3650	0.0100	0.3818	0.0536	0.0164	5			0
137.99	Tyrosine, Miscellaneous (%)	2146	0.4100	0.0000	0.3818	0.0536	0.0164	5			0
137.99	Tyrosine, Miscellaneous (%)	0160	0.4150	0.0300	0.3818	0.0536	0.0164	5			0

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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
137.99	Tyrosine, Miscellaneous (%)	2144	0.4240	0.0320	0.3818	0.0536	0.0164	5			0
138.00	Valine, Post-col Ninhydrin Der (%)	0870	0.5528	0.0017	0.6135	0.0344	0.0110	15	-1.77	5%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0353	0.5650	0.0100	0.6135	0.0344	0.0110	15	-1.41	4%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0968	0.5850	0.0100	0.6135	0.0344	0.0110	15	-0.83	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0652	0.5900	0.0000	0.6135	0.0344	0.0110	15	-0.68	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0910	0.6000	0.0400	0.6135	0.0344	0.0110	15	-0.39	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0571	0.6030	0.0160	0.6135	0.0344	0.0110	15	-0.31	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0941	0.6090	0.0000	0.6135	0.0344	0.0110	15	-0.13	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0354	0.6180	0.0100	0.6135	0.0344	0.0110	15	0.13	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0939	0.6200	0.0000	0.6135	0.0344	0.0110	15	0.19	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0682	0.6230	0.0000	0.6135	0.0344	0.0110	15	0.28	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	2059	0.6245	0.0010	0.6135	0.0344	0.0110	15	0.32	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0504	0.6400	0.0200	0.6135	0.0344	0.0110	15	0.77	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0675	0.6450	0.0100	0.6135	0.0344	0.0110	15	0.91	3%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0644	0.6545	0.0030	0.6135	0.0344	0.0110	15	1.19	3%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0226	0.6640	0.0434	0.6135	0.0344	0.0110	15	1.47	4%	0
138.02	Valine, Post-col OPA Der (%)	0098	0.6295	0.0190				1			0
138.05	Valine, Pre-col AQC Der (%)	2319	0.4750	0.0700	0.6148	0.0426	0.0182	11	-3.28	11%	0
138.05	Valine, Pre-col AQC Der (%)	2196	0.5750	0.0000	0.6148	0.0426	0.0182	11	-0.93	3%	0
138.05	Valine, Pre-col AQC Der (%)	2193	0.5755	0.0410	0.6148	0.0426	0.0182	11	-0.92	3%	0
138.05	Valine, Pre-col AQC Der (%)	0148	0.5960	0.0020	0.6148	0.0426	0.0182	11	-0.44	2%	0
138.05	Valine, Pre-col AQC Der (%)	2246	0.6023	0.0107	0.6148	0.0426	0.0182	11	-0.29	1%	0
138.05	Valine, Pre-col AQC Der (%)	0610	0.6300	0.0000	0.6148	0.0426	0.0182	11	0.36	1%	0
138.05	Valine, Pre-col AQC Der (%)	0626	0.6310	0.0040	0.6148	0.0426	0.0182	11	0.38	1%	0
138.05	Valine, Pre-col AQC Der (%)	0676	0.6350	0.0300	0.6148	0.0426	0.0182	11	0.47	2%	0
138.05	Valine, Pre-col AQC Der (%)	2188	0.6390	0.0000	0.6148	0.0426	0.0182	11	0.57	2%	0
138.05	Valine, Pre-col AQC Der (%)	0407	0.6580	0.0420	0.6148	0.0426	0.0182	11	1.01	4%	0
138.05	Valine, Pre-col AQC Der (%)	0242	0.6700	0.0000	0.6148	0.0426	0.0182	11	1.30	4%	0
138.99	Valine, Miscellaneous (%)	0889	0.4900	0.0000	0.6123	0.0766	0.0142	5			0
138.99	Valine, Miscellaneous (%)	2146	0.5900	0.0200	0.6123	0.0766	0.0142	5			0
138.99	Valine, Miscellaneous (%)	0160	0.6400	0.0400	0.6123	0.0766	0.0142	5			0
138.99	Valine, Miscellaneous (%)	2144	0.6565	0.0010	0.6123	0.0766	0.0142	5			0
138.99	Valine, Miscellaneous (%)	0227	0.6850	0.0100	0.6123	0.0766	0.0142	5			0
139.00	Taurine, Post-col Ninhydrin Der (%)	0682	0.0470	0.0000				2			0
139.00	Taurine, Post-col Ninhydrin Der (%)	0504	0.1650	0.0100				2			0
139.02	Taurine, Post-col OPA Der (%)	0098	< 0.01					0			5
139.05	Taurine, Pre-col AQC Der (%)	0407	0.0085	0.0010				1			0
139.99	Taurine, Miscellaneous (%)	0227	< 0.01					0			5
160.99	Fructose, Miscellaneous (%)	0227	0.2350	0.0100				1			0
162.99	Glucose, Miscellaneous (%)	0148	0.2200	0.0400				2			0
162.99	Glucose, Miscellaneous (%)	0227	0.3000	0.0200				2			0
163.99	Lactose, Miscellaneous (%)	0148	< 0.028					0			5

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163.99	Lactose, Miscellaneous (%)	0227	< 0.15					0		5	
164.99	Maltose, Miscellaneous (%)	0148	0.1350	0.1500				1		0	
164.99	Maltose, Miscellaneous (%)	0227	< 0.15					1		5	
165.99	Sucrose, Miscellaneous (%)	0227	1.820	0.2000				2		0	
165.99	Sucrose, Miscellaneous (%)	0148	1.970	0.0800				2		0	
166.99	Raffinose, Miscellaneous (%)	0227	0.4300	0.0200				1		0	
167.99	Stachyose, Miscellaneous (%)	0227	0.4500	0.0000				1		0	
351.00	Chlortetracycline, Plate (ppm)	0218	60.16	0.4353				2		0	
351.00	Chlortetracycline, Plate (ppm)	0027	69.03	2.360				2		0	
351.03	Chlortetracycline, LC (UV or FL) (ppm)	0033	50.30	0.6000	58.21	6.333	3.714	7	-1.25	7%	0
351.03	Chlortetracycline, LC (UV or FL) (ppm)	0910	51.50	5.000	58.21	6.333	3.714	7	-1.06	6%	0
351.03	Chlortetracycline, LC (UV or FL) (ppm)	0875	57.00	4.000	58.21	6.333	3.714	7	-0.19	1%	0
351.03	Chlortetracycline, LC (UV or FL) (ppm)	0013	59.87	2.870	58.21	6.333	3.714	7	0.26	1%	0
351.03	Chlortetracycline, LC (UV or FL) (ppm)	0001	60.90	3.000	58.21	6.333	3.714	7	0.42	2%	0
351.03	Chlortetracycline, LC (UV or FL) (ppm)	0035	62.92	0.7200	58.21	6.333	3.714	7	0.74	4%	0
351.03	Chlortetracycline, LC (UV or FL) (ppm)	0010	64.99	9.810	58.21	6.333	3.714	7	1.07	6%	0
351.04	Chlortetracycline, LC-MS (ppm)	0242	25.97	1.990				2		0	
351.04	Chlortetracycline, LC-MS (ppm)	0032	58.00	2.000				2		0	
351.05	Chlortetracycline, LC-MS/MS (ppm)	0918	24.06	3.350				3		0	
351.05	Chlortetracycline, LC-MS/MS (ppm)	0939	53.45	0.7800				3		0	
351.05	Chlortetracycline, LC-MS/MS (ppm)	0148	211.3	18.82				3		0	
382.00	Sulfamethazine, Spectrophotometer (ppm)	0028	104.9	6.810				2		0	
382.00	Sulfamethazine, Spectrophotometer (ppm)	0035	119.5	5.940				2		0	
382.01	Sulfamethazine, LC (ppm)	0001	113.5	1.000				2		0	
382.01	Sulfamethazine, LC (ppm)	0019	123.0	22.00				2		0	
382.02	Sulfamethazine, LC-PCD (ppm)	0875	110.0	2.000				2		0	
382.02	Sulfamethazine, LC-PCD (ppm)	0218	116.5	3.000				2		0	
382.03	Sulfamethazine, LC-MS (ppm)	0032	50.00	2.000				1		0	
382.04	Sulfamethazine, LC-MS/MS (ppm)	0148	114.2	0.1490				3		0	
382.04	Sulfamethazine, LC-MS/MS (ppm)	0038	120.0	24.00				3		0	
382.04	Sulfamethazine, LC-MS/MS (ppm)	0918	159.4	38.62				3		0	
388.00	Tylosin, Plate (ppm)	0218	112.0	11.83				1		0	
388.03	Tylosin, LC (ppm)	0910	89.50	1.000				2		0	
388.03	Tylosin, LC (ppm)	0038	136.0	26.00				2		0	
388.04	Tylosin, LC-MS (ppm)	0032	22.87	0.1200				1		0	
388.05	Tylosin, LC-MS/MS (ppm)	0918	40.08	3.237				2		0	
388.05	Tylosin, LC-MS/MS (ppm)	0148	101.7	7.990				2		0	
388.99	Tylosin, Miscellaneous (ppm)	2146	89.60	1.720				1		0	
400.01	Water Activity, Aqualab chilled mirror (Units)	2268	0.5950	0.0020	0.6501	0.0147	0.0026	13	-3.74	4%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	2109	0.6367	0.0004	0.6501	0.0147	0.0026	13	-0.91	1%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	2168	0.6380	0.0060	0.6501	0.0147	0.0026	13	-0.82	1%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	2174	0.6400	0.0000	0.6501	0.0147	0.0026	13	-0.69	1%	0

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400.01	Water Activity, Aqualab chilled mirror (Units)	2303	0.6425	0.0010	0.6501	0.0147	0.0026	13	-0.52	1%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	0407	0.6461	0.0007	0.6501	0.0147	0.0026	13	-0.27	0%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	0843	0.6512	0.0031	0.6501	0.0147	0.0026	13	0.07	0%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	0853	0.6537	0.0019	0.6501	0.0147	0.0026	13	0.24	0%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	0668	0.6550	0.0100	0.6501	0.0147	0.0026	13	0.33	0%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	0942	0.6580	0.0060	0.6501	0.0147	0.0026	13	0.54	1%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	2181	0.6650	0.0011	0.6501	0.0147	0.0026	13	1.01	1%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	0589	0.6650	0.0020	0.6501	0.0147	0.0026	13	1.01	1%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	0885	0.6900	0.0000	0.6501	0.0147	0.0026	13	2.71	3%	0
400.99	Water Activity, Miscellaneous (Units)	0843	0.6350	0.0060				2			0
400.99	Water Activity, Miscellaneous (Units)	2073	0.6585	0.0010				2			0
516.00	Arsenic, Total (As), AA, Hydride (ppm)	0045	0.0435	0.0110				1			0
516.43	Arsenic, Total (As), ICP, Microwave (ppm)	0682	< 20					0			5
516.52	Arsenic, Total (As), ICP-MS, Open vessel (ppm)	0910	0.0600	0.0000				1			0
516.52	Arsenic, Total (As), ICP-MS, Open vessel (ppm)	0186	< 0.05					1			5
516.53	Arsenic, Total (As), ICP-MS, Microwave (ppm)	0407	0.0026	0.0041				3			0
516.53	Arsenic, Total (As), ICP-MS, Microwave (ppm)	0553	0.0340	0.0006				3			0
516.53	Arsenic, Total (As), ICP-MS, Microwave (ppm)	0227	0.0440	0.0020				3			0
518.41	Cadmium, ICP, Dry ash (ppm)	0407	0.0629	0.0032				1			0
518.43	Cadmium, ICP, Microwave (ppm)	0407	0.0665	0.0044				1			0
518.43	Cadmium, ICP, Microwave (ppm)	0682	< 0.2					1			5
518.52	Cadmium, ICP-MS, Open vessel (ppm)	0186	0.0655	0.0010				2			0
518.52	Cadmium, ICP-MS, Open vessel (ppm)	0910	0.0700	0.0000				2			0
518.53	Cadmium, ICP-MS, Microwave (ppm)	0553	0.0615	0.0008				3			0
518.53	Cadmium, ICP-MS, Microwave (ppm)	0407	0.0622	0.0072				3			0
518.53	Cadmium, ICP-MS, Microwave (ppm)	0227	0.0650	0.0040				3			0
520.41	Chromium, Total (Cr), ICP, Dry ash (ppm)	0407	1.074	0.0207				1			0
520.42	Chromium, Total (Cr), ICP, Open vessel (ppm)	0045	1.825	0.1100				2			0
520.42	Chromium, Total (Cr), ICP, Open vessel (ppm)	0693	1.828	0.4670				2			0
520.43	Chromium, Total (Cr), ICP, Microwave (ppm)	0407	1.482	0.0012				3			0
520.43	Chromium, Total (Cr), ICP, Microwave (ppm)	0510	1.605	0.0300				3			0
520.43	Chromium, Total (Cr), ICP, Microwave (ppm)	0682	2.440	0.0000				3			0
520.52	Chromium, Total (Cr), ICP-MS, Open vessel (ppm)	0186	0.8250	0.0020				1			0
520.53	Chromium, Total (Cr), ICP-MS, Microwave (ppm)	0164	1.445	0.0300				3			0
520.53	Chromium, Total (Cr), ICP-MS, Microwave (ppm)	0553	1.685	0.0700				3			0
520.53	Chromium, Total (Cr), ICP-MS, Microwave (ppm)	0407	1.878	0.0524				3			0
526.41	Lead, ICP, Dry ash (ppm)	0407	0.1381	0.0044				1			0
526.43	Lead, ICP, Microwave (ppm)	0407	0.1829	0.0022				1			0
526.43	Lead, ICP, Microwave (ppm)	0682	< 10					1			5
526.52	Lead, ICP-MS, Open vessel (ppm)	0910	0.1050	0.0100				2			0
526.52	Lead, ICP-MS, Open vessel (ppm)	0186	0.1245	0.0070				2			0
526.53	Lead, ICP-MS, Microwave (ppm)	0553	0.0964	0.0020				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			
526.53	Lead, ICP-MS, Microwave (ppm)	0227	0.0970	0.0100				3		0	
526.53	Lead, ICP-MS, Microwave (ppm)	0407	0.0997	0.0149				3		0	
526.53	Lead, ICP-MS, Microwave (ppm)	0939	0.1250	0.0100				3		2	
529.99	Mercury, Miscellaneous (ppb)	0407	1.648	0.0231				1		0	
529.99	Mercury, Miscellaneous (ppb)	0227	< 10					1		5	
529.99	Mercury, Miscellaneous (ppb)	0682	< 10000					1		5	
539.41	Nickel, ICP, Dry ash (ppm)	0407	1.216	0.0997				1		0	
539.43	Nickel, ICP, Microwave (ppm)	0407	1.066	0.0352				2		0	
539.43	Nickel, ICP, Microwave (ppm)	0682	1.600	0.0000				2		0	
539.52	Nickel, ICP-MS, Open vessel (ppm)	0186	0.9640	0.0120				1		0	
539.53	Nickel, ICP-MS, Microwave (ppm)	0407	1.174	0.0602				2		0	
539.53	Nickel, ICP-MS, Microwave (ppm)	0553	1.245	0.0300				2		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	
714.99	Myristic Acid (14:0), Miscellaneous (% (w/w))	0226	0.0080	0.0002				1		0	
716.99	Palmitic Acid (16:0), Miscellaneous (% (w/w))	0226	0.4884	0.0346				1		0	
718.99	Palmitoleic Acid (9c-16:1), Miscellaneous (% (w/w))	0226	0.0120	0.0005				2		0	
718.99	Palmitoleic Acid (9c-16:1), Miscellaneous (% (w/w))	0676	0.0125	0.0010				2		0	
722.99	Stearic Acid (18:0), Miscellaneous (% (w/w))	0226	0.0988	0.0035				1		0	
724.99	Oleic Acid (9c-18:1), Miscellaneous (% (w/w))	0226	0.5916	0.0426				1		0	
726.99	Linoleic Acid (9c,12c-18:2), Miscellaneous (% (w/w))	0226	1.331	0.1097				2		0	
726.99	Linoleic Acid (9c,12c-18:2), Miscellaneous (% (w/w))	0676	1.464	0.0230				2		0	
728.99	alpha-Linolenic Acid (9c,12c,15c-18:3), Miscellaneous (% (w/w))	0226	0.0879	0.0083				2		0	
728.99	alpha-Linolenic Acid (9c,12c,15c-18:3), Miscellaneous (% (w/w))	0676	0.0985	0.0030				2		0	
730.99	Arachidic Acid (20:0), Miscellaneous (% (w/w))	0226	0.0080	0.0007				1		0	
732.99	Gondoic Acid (11c-20:1), Miscellaneous (% (w/w))	0226	0.0141	0.0012				1		0	
736.99	Arachidonic Acid (5c,8c,11c,14c-20:4), Miscellaneous (% (w/w))	0676	< 0.01					0		5	
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))	0226	< 0.005					0		5	
742.99	Behenic Acid (22:0), Miscellaneous (% (w/w))	0226	0.0077	0.0008				1		0	
744.99	Erucic Acid (13c-22:1), 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))	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	
748.99	Lignoceric Acid (24:0), Miscellaneous (% (w/w))	0226	< 0.005					0		5	
750.99	Docosahexaenoic Acid DHA (4c,7c,10c,13c,16c,19c-22:6), Miscellaneous (% (w/w))	0676	0.0000	0.0000				0		4	
750.99	Docosahexaenoic Acid DHA (4c,7c,10c,13c,16c,19c-22:6), Miscellaneous (% (w/w))	0226	< 0.005					0		5	
752.99	Nervonic Acid (24:1) isomers, Miscellaneous (% (w/w))	0226	< 0.005					0		5	
754.99	Total n-3 Polyunsaturated (Omega-3) Fatty Acids, Miscellaneous (% (w/w))	0676	0.1000	0.0000				1		0	
756.99	Total n-6 Polyunsaturated (Omega-6) Fatty Acids, Miscellaneous (% (w/w))	0676	1.470	0.0200				1		0	
770.99	Total Fat (equivalent to NLEA), Miscellaneous (% (w/w))	2181	2.865	0.0300				1		0	
772.99	Total Fatty Acids, Miscellaneous (% (w/w))	0226	2.647	0.2020				1		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

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			

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.