AAFCO Proficiency Testing Program

ANAB ACCREDITED ISO/IEC 17043 PROFICIENCY TESTING PROVIDER

AAFCO PTP Animal Feed Scheme

Animal Feed Scheme

Swine Feed, Medicated

Test Material Code # 202032

Method Proficiency Testing Report

 # Labs Reporting: 174
 # Methods Reported 396
Issue Date : 01/31/2021

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data Value	Lab Data Range	Method Values Rob Mean	Robust SD	R-bar	# Labs	AAFCO PT Z Score	Threshold %RSD	Flag
000.02	Urea, As protein, Colorimetric (%)	0278	0.4500	0.1000				1			0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0027	9.171	0.0740				3			0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0309	9.278	0.0570				3			0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0169	9.350	0.0200				3			0
001.03	Loss on Drying, Low temp. methods (%)	0619	9.205	0.0300				2			0
001.03	Loss on Drying, Low temp. methods (%)	0843	9.660	0.1400				2			0
001.05	Loss on Drying, LECO (%)	0644	9.130	0.0030				2			0
001.05	Loss on Drying, LECO (%)	0968	9.720	0.0400				2			0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0345	8.440	0.0400	9.268	0.2308	0.1008	44	-3.59	4%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0853	8.550	0.1000	9.268	0.2308	0.1008	44	-3.11	4%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2146	8.750	0.0600	9.268	0.2308	0.1008	44	-2.25	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0297	8.945	0.2700	9.268	0.2308	0.1008	44	-1.40	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0089	8.955	0.0100	9.268	0.2308	0.1008	44	-1.36	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0675	8.995	0.0300	9.268	0.2308	0.1008	44	-1.18	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0034	9.025	0.3000	9.268	0.2308	0.1008	44	-1.05	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0083	9.035	0.0100	9.268	0.2308	0.1008	44	-1.01	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0049	9.055	0.1700	9.268	0.2308	0.1008	44	-0.92	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2009	9.113	0.0174	9.268	0.2308	0.1008	44	-0.67	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0278	9.115	0.1300	9.268	0.2308	0.1008	44	-0.66	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0148	9.130	0.2000	9.268	0.2308	0.1008	44	-0.60	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0353	9.130	0.0600	9.268	0.2308	0.1008	44	-0.60	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0027	9.153	0.0250	9.268	0.2308	0.1008	44	-0.50	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0035	9.220	0.0400	9.268	0.2308	0.1008	44	-0.21	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0066	9.220	0.0800	9.268	0.2308	0.1008	44	-0.21	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2109	9.225	0.3100	9.268	0.2308	0.1008	44	-0.19	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0693	9.227	0.1710	9.268	0.2308	0.1008	44	-0.18	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0505	9.230	0.0000	9.268	0.2308	0.1008	44	-0.17	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0571	9.245	0.1300	9.268	0.2308	0.1008	44	-0.10	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0682	9.280	0.0000	9.268	0.2308	0.1008	44	0.05	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0033	9.290	0.0200	9.268	0.2308	0.1008	44	0.09	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0171	9.300	0.0400	9.268	0.2308	0.1008	44	0.14	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0366	9.300	0.4000	9.268	0.2308	0.1008	44	0.14	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0689	9.300	0.0000	9.268	0.2308	0.1008	44	0.14	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data Value	Lab Data Range	Method Values Rob Mean	Method Values Robust SD	Method Values R-bar	Method Values # Labs	AAFCO PT Z Score	Threshold %RSD	Flag
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0581	9.315	0.1100	9.268	0.2308	0.1008	44	0.20	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2059	9.315	0.0100	9.268	0.2308	0.1008	44	0.20	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0226	9.330	0.0400	9.268	0.2308	0.1008	44	0.27	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0590	9.330	0.3000	9.268	0.2308	0.1008	44	0.27	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0074	9.340	0.1800	9.268	0.2308	0.1008	44	0.31	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2192	9.350	0.0400	9.268	0.2308	0.1008	44	0.35	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0512	9.381	0.0320	9.268	0.2308	0.1008	44	0.49	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2144	9.385	0.1500	9.268	0.2308	0.1008	44	0.50	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0407	9.408	0.0015	9.268	0.2308	0.1008	44	0.61	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0650	9.430	0.0000	9.268	0.2308	0.1008	44	0.70	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0003	9.440	0.0800	9.268	0.2308	0.1008	44	0.74	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0876	9.450	0.3000	9.268	0.2308	0.1008	44	0.79	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0019	9.460	0.0400	9.268	0.2308	0.1008	44	0.83	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0098	9.575	0.0500	9.268	0.2308	0.1008	44	1.33	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0028	9.590	0.0000	9.268	0.2308	0.1008	44	1.39	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0142	9.660	0.1600	9.268	0.2308	0.1008	44	1.70	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0843	9.660	0.1400	9.268	0.2308	0.1008	44	1.70	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2259	9.778	0.1580	9.268	0.2308	0.1008	44	2.21	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0529	10.11	0.0300	9.268	0.2308	0.1008	44	3.62	5%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0045	9.220	0.7600	9.268	0.2308	0.1008	44	-0.21	0%	1
001.99	Loss on Drying, Miscellaneous (%)	0536	6.750	0.0600	8.903	0.5221	0.1314	21	-4.12	12%	0
001.99	Loss on Drying, Miscellaneous (%)	0618	7.380	0.1200	8.903	0.5221	0.1314	21	-2.92	9%	0
001.99	Loss on Drying, Miscellaneous (%)	2081	7.825	0.2300	8.903	0.5221	0.1314	21	-2.06	6%	0
001.99	Loss on Drying, Miscellaneous (%)	2155	8.065	0.4500	8.903	0.5221	0.1314	21	-1.60	5%	0
001.99	Loss on Drying, Miscellaneous (%)	2246	8.700	0.0800	8.903	0.5221	0.1314	21	-0.39	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0889	8.730	0.1200	8.903	0.5221	0.1314	21	-0.33	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0676	8.805	0.1700	8.903	0.5221	0.1314	21	-0.19	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0948	8.810	0.0200	8.903	0.5221	0.1314	21	-0.18	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0612	8.835	0.0700	8.903	0.5221	0.1314	21	-0.13	0%	0
001.99	Loss on Drying, Miscellaneous (%)	0610	8.875	0.0100	8.903	0.5221	0.1314	21	-0.05	0%	0
001.99	Loss on Drying, Miscellaneous (%)	2268	9.070	0.1400	8.903	0.5221	0.1314	21	0.32	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0510	9.100	0.0000	8.903	0.5221	0.1314	21	0.38	1%	0
001.99	Loss on Drying, Miscellaneous (%)	2319	9.100	0.0000	8.903	0.5221	0.1314	21	0.38	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0918	9.135	0.0100	8.903	0.5221	0.1314	21	0.44	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0186	9.144	0.0750	8.903	0.5221	0.1314	21	0.46	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0910	9.150	0.1000	8.903	0.5221	0.1314	21	0.47	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0912	9.245	0.0100	8.903	0.5221	0.1314	21	0.66	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0037	9.265	0.1700	8.903	0.5221	0.1314	21	0.69	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0560	9.300	0.8000	8.903	0.5221	0.1314	21	0.76	2%	0
001.99	Loss on Drying, Miscellaneous (%)	2328	9.530	0.0600	8.903	0.5221	0.1314	21	1.20	4%	0
001.99	Loss on Drying, Miscellaneous (%)	0357	9.893	0.0638	8.903	0.5221	0.1314	21	1.90	6%	0
001.99	Loss on Drying, Miscellaneous (%)	0019	6.700	3.600	8.903	0.5221	0.1314	21	-4.22	12%	1

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data Value	Lab Data Range	Method Values Rob Mean	Method Values Robust SD	Method Values R-bar	Method Values # Labs	AAFCO PT Z Score	Threshold %RSD	Flag
002.00	Protein, Crude, Crude (%)	2328	15.49	0.0100				2			0
002.00	Protein, Crude, Crude (%)	0169	15.79	0.0300				2			0
002.01	Protein, Crude, Auto Kjel-Foss (%)	0914	15.22	0.2800	15.62	0.2440	0.1435	13	-1.65	1%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	0910	15.40	0.0000	15.62	0.2440	0.1435	13	-0.92	1%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	0968	15.50	0.0700	15.62	0.2440	0.1435	13	-0.53	0%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	0652	15.50	0.4000	15.62	0.2440	0.1435	13	-0.51	0%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	0870	15.55	0.1310	15.62	0.2440	0.1435	13	-0.31	0%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	0610	15.55	0.1000	15.62	0.2440	0.1435	13	-0.30	0%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	2259	15.59	0.3140	15.62	0.2440	0.1435	13	-0.16	0%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	2188	15.61	0.1300	15.62	0.2440	0.1435	13	-0.08	0%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	0164	15.66	0.3100	15.62	0.2440	0.1435	13	0.13	0%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	2196	15.67	0.0000	15.62	0.2440	0.1435	13	0.19	0%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	2193	15.86	0.1000	15.62	0.2440	0.1435	13	0.97	1%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	0889	16.00	0.0200	15.62	0.2440	0.1435	13	1.54	1%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	0685	16.22	0.0100	15.62	0.2440	0.1435	13	2.42	2%	0
002.02	Protein, Crude, Semiauto Autoanalyzer (%)	0036	15.27	0.2304				2			0
002.02	Protein, Crude, Semiauto Autoanalyzer (%)	0066	15.52	0.1100				2			0
002.03	Protein, Crude, Hach Method (%)	0536	14.55	0.2500				1			0
002.04	Protein, Crude, Copper Catalyst (%)	0728	15.72	0.1400				1			0
002.05	Protein, Crude, Copper, Boric Acid (%)	2144	15.06	0.1800	15.40	0.2068	0.1491	22	-1.66	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0581	15.15	0.4000	15.40	0.2068	0.1491	22	-1.22	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0885	15.17	0.0389	15.40	0.2068	0.1491	22	-1.11	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2006	15.23	0.0300	15.40	0.2068	0.1491	22	-0.86	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0675	15.25	0.1000	15.40	0.2068	0.1491	22	-0.74	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2199	15.28	0.4500	15.40	0.2068	0.1491	22	-0.62	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2009	15.29	0.0036	15.40	0.2068	0.1491	22	-0.54	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0619	15.30	0.2000	15.40	0.2068	0.1491	22	-0.50	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0921	15.35	0.1400	15.40	0.2068	0.1491	22	-0.25	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2192	15.35	0.1400	15.40	0.2068	0.1491	22	-0.25	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2146	15.36	0.1900	15.40	0.2068	0.1491	22	-0.23	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2109	15.40	0.2900	15.40	0.2068	0.1491	22	-0.04	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0689	15.40	0.2000	15.40	0.2068	0.1491	22	-0.01	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2181	15.44	0.2000	15.40	0.2068	0.1491	22	0.18	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0536	15.46	0.0700	15.40	0.2068	0.1491	22	0.25	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2022	15.47	0.0100	15.40	0.2068	0.1491	22	0.30	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0881	15.59	0.0680	15.40	0.2068	0.1491	22	0.90	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2073	15.60	0.0300	15.40	0.2068	0.1491	22	0.93	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0939	15.64	0.2800	15.40	0.2068	0.1491	22	1.15	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0948	15.67	0.0000	15.40	0.2068	0.1491	22	1.29	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0354	15.70	0.0600	15.40	0.2068	0.1491	22	1.44	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2200	15.70	0.2000	15.40	0.2068	0.1491	22	1.44	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2246	15.43	0.7200	15.40	0.2068	0.1491	22	0.13	0%	1

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002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0034	14.38	0.5110	15.71	0.2856	0.2177	115	-4.65	4%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0646	14.75	0.0500	15.71	0.2856	0.2177	115	-3.38	3%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0505	14.99	0.0500	15.71	0.2856	0.2177	115	-2.54	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0294	15.00	0.2000	15.71	0.2856	0.2177	115	-2.49	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0643	15.06	0.1100	15.71	0.2856	0.2177	115	-2.30	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0853	15.15	0.1000	15.71	0.2856	0.2177	115	-1.96	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0539	15.19	0.1700	15.71	0.2856	0.2177	115	-1.84	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0692	15.20	0.8000	15.71	0.2856	0.2177	115	-1.79	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0884	15.20	0.2000	15.71	0.2856	0.2177	115	-1.79	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0144	15.29	0.0500	15.71	0.2856	0.2177	115	-1.49	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2303	15.30	0.1900	15.71	0.2856	0.2177	115	-1.45	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0529	15.30	0.0400	15.71	0.2856	0.2177	115	-1.44	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0676	15.35	0.4300	15.71	0.2856	0.2177	115	-1.28	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0964	15.35	0.3310	15.71	0.2856	0.2177	115	-1.28	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0278	15.35	0.1000	15.71	0.2856	0.2177	115	-1.26	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0407	15.39	0.1870	15.71	0.2856	0.2177	115	-1.11	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0006	15.41	0.4300	15.71	0.2856	0.2177	115	-1.07	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0598	15.43	0.2500	15.71	0.2856	0.2177	115	-1.00	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0693	15.47	0.1880	15.71	0.2856	0.2177	115	-0.85	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0001	15.49	0.3000	15.71	0.2856	0.2177	115	-0.77	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0859	15.49	0.1230	15.71	0.2856	0.2177	115	-0.77	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0033	15.50	1.000	15.71	0.2856	0.2177	115	-0.74	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0175	15.50	0.6000	15.71	0.2856	0.2177	115	-0.74	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0589	15.52	0.4100	15.71	0.2856	0.2177	115	-0.68	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2326	15.52	0.2700	15.71	0.2856	0.2177	115	-0.68	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0300	15.52	0.8200	15.71	0.2856	0.2177	115	-0.67	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2168	15.53	0.0100	15.71	0.2856	0.2177	115	-0.65	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0202	15.53	0.1600	15.71	0.2856	0.2177	115	-0.63	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0870	15.55	0.1418	15.71	0.2856	0.2177	115	-0.56	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0004	15.55	0.3600	15.71	0.2856	0.2177	115	-0.56	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0010	15.55	0.3000	15.71	0.2856	0.2177	115	-0.56	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0017	15.55	0.1000	15.71	0.2856	0.2177	115	-0.56	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0619	15.55	0.1000	15.71	0.2856	0.2177	115	-0.56	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0956	15.55	0.5000	15.71	0.2856	0.2177	115	-0.56	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0309	15.58	0.1050	15.71	0.2856	0.2177	115	-0.45	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0675	15.59	0.0100	15.71	0.2856	0.2177	115	-0.44	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0019	15.59	0.1200	15.71	0.2856	0.2177	115	-0.42	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0123	15.60	0.0200	15.71	0.2856	0.2177	115	-0.39	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0098	15.60	0.4000	15.71	0.2856	0.2177	115	-0.39	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0032	15.61	0.0520	15.71	0.2856	0.2177	115	-0.35	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2129	15.62	0.0700	15.71	0.2856	0.2177	115	-0.33	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0089	15.63	0.0100	15.71	0.2856	0.2177	115	-0.30	0%	0

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002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0574	15.63	0.0200	15.71	0.2856	0.2177	115	-0.28	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0263	15.63	0.0416	15.71	0.2856	0.2177	115	-0.28	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0553	15.64	0.2100	15.71	0.2856	0.2177	115	-0.26	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0626	15.64	0.2300	15.71	0.2856	0.2177	115	-0.26	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0100	15.64	0.0200	15.71	0.2856	0.2177	115	-0.25	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0148	15.65	0.1070	15.71	0.2856	0.2177	115	-0.23	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0297	15.65	0.0200	15.71	0.2856	0.2177	115	-0.21	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0003	15.66	0.3200	15.71	0.2856	0.2177	115	-0.18	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0035	15.66	0.0400	15.71	0.2856	0.2177	115	-0.18	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0541	15.66	0.0000	15.71	0.2856	0.2177	115	-0.18	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0857	15.66	0.1000	15.71	0.2856	0.2177	115	-0.18	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2216	15.67	0.1100	15.71	0.2856	0.2177	115	-0.16	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0848	15.68	0.0000	15.71	0.2856	0.2177	115	-0.11	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0049	15.69	0.3400	15.71	0.2856	0.2177	115	-0.07	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2081	15.69	0.1200	15.71	0.2856	0.2177	115	-0.07	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2184	15.69	0.0800	15.71	0.2856	0.2177	115	-0.07	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0171	15.70	0.0400	15.71	0.2856	0.2177	115	-0.04	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0036	15.71	0.0600	15.71	0.2856	0.2177	115	0.00	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0953	15.71	0.4600	15.71	0.2856	0.2177	115	0.00	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0037	15.72	0.0200	15.71	0.2856	0.2177	115	0.03	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0353	15.73	0.0100	15.71	0.2856	0.2177	115	0.05	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2076	15.74	0.8680	15.71	0.2856	0.2177	115	0.10	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0226	15.75	0.2900	15.71	0.2856	0.2177	115	0.12	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0948	15.75	0.1500	15.71	0.2856	0.2177	115	0.12	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0876	15.75	0.5000	15.71	0.2856	0.2177	115	0.14	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0910	15.75	0.3000	15.71	0.2856	0.2177	115	0.14	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0968	15.77	0.0600	15.71	0.2856	0.2177	115	0.21	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0425	15.78	0.3200	15.71	0.2856	0.2177	115	0.24	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0164	15.78	0.0600	15.71	0.2856	0.2177	115	0.24	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2174	15.79	0.0100	15.71	0.2856	0.2177	115	0.26	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0345	15.80	0.2000	15.71	0.2856	0.2177	115	0.31	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2150	15.80	0.3200	15.71	0.2856	0.2177	115	0.31	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2319	15.80	0.0000	15.71	0.2856	0.2177	115	0.31	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0939	15.82	0.1300	15.71	0.2856	0.2177	115	0.37	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0108	15.83	0.1500	15.71	0.2856	0.2177	115	0.40	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0726	15.84	0.0700	15.71	0.2856	0.2177	115	0.44	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0298	15.85	0.0300	15.71	0.2856	0.2177	115	0.47	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0618	15.85	0.0100	15.71	0.2856	0.2177	115	0.47	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0511	15.85	0.2500	15.71	0.2856	0.2177	115	0.47	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0074	15.86	0.4500	15.71	0.2856	0.2177	115	0.51	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0508	15.86	1.055	15.71	0.2856	0.2177	115	0.51	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0027	15.86	0.0490	15.71	0.2856	0.2177	115	0.54	0%	0

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002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0918	15.87	0.0400	15.71	0.2856	0.2177	115	0.56	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0142	15.88	0.1800	15.71	0.2856	0.2177	115	0.59	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0687	15.89	0.2200	15.71	0.2856	0.2177	115	0.63	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2213	15.89	0.2200	15.71	0.2856	0.2177	115	0.63	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0366	15.90	0.4000	15.71	0.2856	0.2177	115	0.66	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0644	15.93	0.0540	15.71	0.2856	0.2177	115	0.77	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0009	15.94	0.1100	15.71	0.2856	0.2177	115	0.79	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0354	15.94	0.1000	15.71	0.2856	0.2177	115	0.80	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0047	15.95	0.7000	15.71	0.2856	0.2177	115	0.84	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0265	15.95	0.3000	15.71	0.2856	0.2177	115	0.84	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0358	15.99	0.1200	15.71	0.2856	0.2177	115	0.98	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0571	16.00	0.1900	15.71	0.2856	0.2177	115	1.00	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0512	16.01	0.1300	15.71	0.2856	0.2177	115	1.03	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2059	16.02	0.1094	15.71	0.2856	0.2177	115	1.10	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2089	16.03	0.1100	15.71	0.2856	0.2177	115	1.10	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0229	16.04	0.4700	15.71	0.2856	0.2177	115	1.14	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0042	16.05	0.3000	15.71	0.2856	0.2177	115	1.19	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0190	16.05	0.3200	15.71	0.2856	0.2177	115	1.19	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0510	16.05	0.1000	15.71	0.2856	0.2177	115	1.19	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0357	16.09	0.1875	15.71	0.2856	0.2177	115	1.34	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0045	16.10	0.4000	15.71	0.2856	0.2177	115	1.36	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0083	16.24	0.0300	15.71	0.2856	0.2177	115	1.84	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2246	16.30	0.0800	15.71	0.2856	0.2177	115	2.06	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0843	16.45	0.2000	15.71	0.2856	0.2177	115	2.59	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0242	16.46	0.3200	15.71	0.2856	0.2177	115	2.62	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0186	16.65	0.3000	15.71	0.2856	0.2177	115	3.29	3%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2109	16.77	0.0100	15.71	0.2856	0.2177	115	3.69	3%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0682	16.86	0.0000	15.71	0.2856	0.2177	115	4.03	4%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2178	16.87	0.6300	15.71	0.2856	0.2177	115	4.04	4%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0612	17.34	0.0500	15.71	0.2856	0.2177	115	5.69	5%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2268	17.58	0.6600	15.71	0.2856	0.2177	115	6.55	6%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0028	15.35	1.150	15.71	0.2856	0.2177	115	-1.28	1%	1
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2155	16.10	1.141	15.71	0.2856	0.2177	115	1.37	1%	1
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0520	11.20	0.0000	15.71	0.2856	0.2177	115	-15.80	14%	2
002.08	Protein, Crude, Cu/Ti (%)	0098	15.61	0.0700				1			0
002.11	Protein, Crude, NIR (%)	0889	14.95	0.0400	16.10	0.8400	0.1286	7	-1.37	4%	0
002.11	Protein, Crude, NIR (%)	0964	15.40	0.4000	16.10	0.8400	0.1286	7	-0.83	2%	0
002.11	Protein, Crude, NIR (%)	0553	15.80	0.0600	16.10	0.8400	0.1286	7	-0.36	1%	0
002.11	Protein, Crude, NIR (%)	2290	16.30	0.1000	16.10	0.8400	0.1286	7	0.24	1%	0
002.11	Protein, Crude, NIR (%)	0297	16.55	0.0500	16.10	0.8400	0.1286	7	0.53	1%	0
002.11	Protein, Crude, NIR (%)	0852	16.76	0.1500	16.10	0.8400	0.1286	7	0.78	2%	0
002.11	Protein, Crude, NIR (%)	0148	16.95	0.1000	16.10	0.8400	0.1286	7	1.01	3%	0

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003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0885	1.658	0.0062	2.375	0.4337	0.1070	9	-1.65	15%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0309	2.084	0.0066	2.375	0.4337	0.1070	9	-0.67	6%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2192	2.095	0.0300	2.375	0.4337	0.1070	9	-0.65	6%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2109	2.295	0.0900	2.375	0.4337	0.1070	9	-0.18	2%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0035	2.400	0.0800	2.375	0.4337	0.1070	9	0.06	1%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0175	2.450	0.1000	2.375	0.4337	0.1070	9	0.17	2%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0345	2.575	0.1500	2.375	0.4337	0.1070	9	0.46	4%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0032	2.750	0.1000	2.375	0.4337	0.1070	9	0.86	8%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0017	3.000	0.4000	2.375	0.4337	0.1070	9	1.44	13%	0
003.01	Fat, Crude, Diethyl Ether Ext (13th ed.), Indirect (%)	0164	2.560	0.0400				1			0
003.06	Fat, Crude, Pet Ether (%)	0939	1.455	0.1100	2.286	0.2400	0.0741	15	-3.46	18%	0
003.06	Fat, Crude, Pet Ether (%)	0425	1.780	0.0400	2.286	0.2400	0.0741	15	-2.11	11%	0
003.06	Fat, Crude, Pet Ether (%)	2181	2.100	0.0200	2.286	0.2400	0.0741	15	-0.78	4%	0
003.06	Fat, Crude, Pet Ether (%)	0169	2.150	0.0600	2.286	0.2400	0.0741	15	-0.57	3%	0
003.06	Fat, Crude, Pet Ether (%)	0297	2.185	0.0300	2.286	0.2400	0.0741	15	-0.42	2%	0
003.06	Fat, Crude, Pet Ether (%)	0689	2.250	0.1000	2.286	0.2400	0.0741	15	-0.15	1%	0
003.06	Fat, Crude, Pet Ether (%)	0884	2.250	0.1000	2.286	0.2400	0.0741	15	-0.15	1%	0
003.06	Fat, Crude, Pet Ether (%)	0918	2.275	0.0100	2.286	0.2400	0.0741	15	-0.05	0%	0
003.06	Fat, Crude, Pet Ether (%)	2268	2.340	0.1600	2.286	0.2400	0.0741	15	0.22	1%	0
003.06	Fat, Crude, Pet Ether (%)	0294	2.375	0.0300	2.286	0.2400	0.0741	15	0.37	2%	0
003.06	Fat, Crude, Pet Ether (%)	0682	2.390	0.0000	2.286	0.2400	0.0741	15	0.43	2%	0
003.06	Fat, Crude, Pet Ether (%)	0644	2.402	0.0320	2.286	0.2400	0.0741	15	0.48	3%	0
003.06	Fat, Crude, Pet Ether (%)	0687	2.475	0.1700	2.286	0.2400	0.0741	15	0.79	4%	0
003.06	Fat, Crude, Pet Ether (%)	0910	2.605	0.0500	2.286	0.2400	0.0741	15	1.33	7%	0
003.06	Fat, Crude, Pet Ether (%)	0229	3.710	0.2000	2.286	0.2400	0.0741	15	5.93	31%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0027	1.927	0.0090	2.273	0.2554	0.1571	12	-1.36	8%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0512	1.964	0.1840	2.273	0.2554	0.1571	12	-1.21	7%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0675	2.070	0.0600	2.273	0.2554	0.1571	12	-0.80	4%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0098	2.180	0.1200	2.273	0.2554	0.1571	12	-0.37	2%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0226	2.215	0.4500	2.273	0.2554	0.1571	12	-0.23	1%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0948	2.220	0.0400	2.273	0.2554	0.1571	12	-0.21	1%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0354	2.295	0.0100	2.273	0.2554	0.1571	12	0.08	0%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0353	2.300	0.2600	2.273	0.2554	0.1571	12	0.10	1%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0590	2.435	0.0500	2.273	0.2554	0.1571	12	0.63	4%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0870	2.493	0.1117	2.273	0.2554	0.1571	12	0.86	5%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0685	2.525	0.0100	2.273	0.2554	0.1571	12	0.99	6%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0004	2.920	0.5800	2.273	0.2554	0.1571	12	2.53	14%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2073	1.320	0.1200	2.140	0.2521	0.1784	29	-3.25	19%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0619	1.660	0.0000	2.140	0.2521	0.1784	29	-1.90	11%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2193	1.660	0.0600	2.140	0.2521	0.1784	29	-1.90	11%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0728	1.785	0.0000	2.140	0.2521	0.1784	29	-1.41	8%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0263	1.897	0.0180	2.140	0.2521	0.1784	29	-0.96	6%	0

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003.10	Fat, Crude, Randall, Pet Ether (%)	0098	1.930	0.0600	2.140	0.2521	0.1784	29	-0.83	5%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2196	1.950	0.0000	2.140	0.2521	0.1784	29	-0.75	4%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0693	1.957	0.5600	2.140	0.2521	0.1784	29	-0.73	4%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0036	1.988	0.1126	2.140	0.2521	0.1784	29	-0.60	4%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2089	2.045	0.2900	2.140	0.2521	0.1784	29	-0.38	2%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0062	2.075	0.0700	2.140	0.2521	0.1784	29	-0.26	2%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0100	2.105	0.0900	2.140	0.2521	0.1784	29	-0.14	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0242	2.150	0.5600	2.140	0.2521	0.1784	29	0.04	0%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0042	2.165	0.0700	2.140	0.2521	0.1784	29	0.10	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2009	2.175	0.0055	2.140	0.2521	0.1784	29	0.14	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0889	2.200	0.1000	2.140	0.2521	0.1784	29	0.24	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0541	2.215	0.1300	2.140	0.2521	0.1784	29	0.30	2%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2184	2.225	0.7500	2.140	0.2521	0.1784	29	0.34	2%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0045	2.230	0.1000	2.140	0.2521	0.1784	29	0.36	2%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2188	2.270	0.0000	2.140	0.2521	0.1784	29	0.52	3%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2022	2.285	0.0100	2.140	0.2521	0.1784	29	0.57	3%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0881	2.300	0.1820	2.140	0.2521	0.1784	29	0.63	4%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0148	2.310	0.0600	2.140	0.2521	0.1784	29	0.67	4%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0870	2.332	0.1552	2.140	0.2521	0.1784	29	0.76	4%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0689	2.350	0.1000	2.140	0.2521	0.1784	29	0.83	5%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0366	2.400	0.2000	2.140	0.2521	0.1784	29	1.03	6%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0676	2.420	0.2800	2.140	0.2521	0.1784	29	1.11	7%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2319	2.500	0.0000	2.140	0.2521	0.1784	29	1.43	8%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0618	3.145	1.090	2.140	0.2521	0.1784	29	3.99	23%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2155	2.712	1.290	2.140	0.2521	0.1784	29	2.27	13%	1
003.11	Fat, Crude, NIR (%)	0964	2.250	0.1000	2.763	0.5199	0.0617	6	-0.99	9%	0
003.11	Fat, Crude, NIR (%)	0889	2.370	0.0400	2.763	0.5199	0.0617	6	-0.75	7%	0
003.11	Fat, Crude, NIR (%)	0148	2.450	0.1000	2.763	0.5199	0.0617	6	-0.60	6%	0
003.11	Fat, Crude, NIR (%)	0297	3.065	0.0300	2.763	0.5199	0.0617	6	0.58	5%	0
003.11	Fat, Crude, NIR (%)	0553	3.105	0.0700	2.763	0.5199	0.0617	6	0.66	6%	0
003.11	Fat, Crude, NIR (%)	0852	3.335	0.0300	2.763	0.5199	0.0617	6	1.10	10%	0
003.12	Fat, Crude, Hexane Ext (%)	0171	1.485	0.0300	2.165	0.5105	0.0400	4			0
003.12	Fat, Crude, Hexane Ext (%)	2326	2.140	0.0800	2.165	0.5105	0.0400	4			0
003.12	Fat, Crude, Hexane Ext (%)	2199	2.330	0.0000	2.165	0.5105	0.0400	4			0
003.12	Fat, Crude, Hexane Ext (%)	0646	2.705	0.0500	2.165	0.5105	0.0400	4			0
003.12	Fat, Crude, Hexane Ext (%)	2200	5.200	0.4000	2.165	0.5105	0.0400	4			1
003.13	Fat, Crude, Randall, Hexane Ext. (%)	0098	1.950	0.0800	2.171	0.1898	0.0505	7	-1.16	5%	0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	0033	2.030	0.0600	2.171	0.1898	0.0505	7	-0.74	3%	0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	0028	2.130	0.0200	2.171	0.1898	0.0505	7	-0.21	1%	0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	2006	2.165	0.0300	2.171	0.1898	0.0505	7	-0.03	0%	0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	2246	2.165	0.0100	2.171	0.1898	0.0505	7	-0.03	0%	0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	0123	2.300	0.0400	2.171	0.1898	0.0505	7	0.68	3%	0

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003.13	Fat, Crude, Randall, Hexane Ext. (%)	0870	2.649	0.1137	2.171	0.1898	0.0505	7	2.52	11%	0
003.14	Fat, Crude, Ankom (%)	0357	1.100	0.0000	1.904	0.3334	0.0891	52	-2.41	21%	0
003.14	Fat, Crude, Ankom (%)	2146	1.245	0.0500	1.904	0.3334	0.0891	52	-1.98	17%	0
003.14	Fat, Crude, Ankom (%)	0520	1.395	0.1500	1.904	0.3334	0.0891	52	-1.53	13%	0
003.14	Fat, Crude, Ankom (%)	0574	1.395	0.1900	1.904	0.3334	0.0891	52	-1.53	13%	0
003.14	Fat, Crude, Ankom (%)	0876	1.400	0.2000	1.904	0.3334	0.0891	52	-1.51	13%	0
003.14	Fat, Crude, Ankom (%)	0358	1.565	0.0900	1.904	0.3334	0.0891	52	-1.02	9%	0
003.14	Fat, Crude, Ankom (%)	0175	1.600	0.0000	1.904	0.3334	0.0891	52	-0.91	8%	0
003.14	Fat, Crude, Ankom (%)	0848	1.600	0.0600	1.904	0.3334	0.0891	52	-0.91	8%	0
003.14	Fat, Crude, Ankom (%)	2129	1.606	0.0090	1.904	0.3334	0.0891	52	-0.90	8%	0
003.14	Fat, Crude, Ankom (%)	0229	1.615	0.0700	1.904	0.3334	0.0891	52	-0.87	8%	0
003.14	Fat, Crude, Ankom (%)	0019	1.620	0.1200	1.904	0.3334	0.0891	52	-0.85	7%	0
003.14	Fat, Crude, Ankom (%)	0186	1.635	0.0500	1.904	0.3334	0.0891	52	-0.81	7%	0
003.14	Fat, Crude, Ankom (%)	0202	1.650	0.0200	1.904	0.3334	0.0891	52	-0.76	7%	0
003.14	Fat, Crude, Ankom (%)	0144	1.685	0.0300	1.904	0.3334	0.0891	52	-0.66	6%	0
003.14	Fat, Crude, Ankom (%)	0692	1.700	0.2000	1.904	0.3334	0.0891	52	-0.61	5%	0
003.14	Fat, Crude, Ankom (%)	0083	1.715	0.0300	1.904	0.3334	0.0891	52	-0.57	5%	0
003.14	Fat, Crude, Ankom (%)	0581	1.715	0.0900	1.904	0.3334	0.0891	52	-0.57	5%	0
003.14	Fat, Crude, Ankom (%)	0956	1.750	0.1000	1.904	0.3334	0.0891	52	-0.46	4%	0
003.14	Fat, Crude, Ankom (%)	0034	1.765	0.1500	1.904	0.3334	0.0891	52	-0.42	4%	0
003.14	Fat, Crude, Ankom (%)	0037	1.785	0.0300	1.904	0.3334	0.0891	52	-0.36	3%	0
003.14	Fat, Crude, Ankom (%)	0108	1.815	0.2500	1.904	0.3334	0.0891	52	-0.27	2%	0
003.14	Fat, Crude, Ankom (%)	0912	1.815	0.0100	1.904	0.3334	0.0891	52	-0.27	2%	0
003.14	Fat, Crude, Ankom (%)	0511	1.850	0.0400	1.904	0.3334	0.0891	52	-0.16	1%	0
003.14	Fat, Crude, Ankom (%)	0035	1.855	0.0100	1.904	0.3334	0.0891	52	-0.15	1%	0
003.14	Fat, Crude, Ankom (%)	0300	1.870	0.1200	1.904	0.3334	0.0891	52	-0.10	1%	0
003.14	Fat, Crude, Ankom (%)	0089	1.880	0.0400	1.904	0.3334	0.0891	52	-0.07	1%	0
003.14	Fat, Crude, Ankom (%)	2076	1.910	0.0100	1.904	0.3334	0.0891	52	0.02	0%	0
003.14	Fat, Crude, Ankom (%)	0675	1.920	0.0400	1.904	0.3334	0.0891	52	0.05	0%	0
003.14	Fat, Crude, Ankom (%)	0001	1.934	0.0740	1.904	0.3334	0.0891	52	0.09	1%	0
003.14	Fat, Crude, Ankom (%)	0853	1.950	0.1000	1.904	0.3334	0.0891	52	0.14	1%	0
003.14	Fat, Crude, Ankom (%)	0968	1.995	0.2100	1.904	0.3334	0.0891	52	0.27	2%	0
003.14	Fat, Crude, Ankom (%)	0004	2.005	0.2100	1.904	0.3334	0.0891	52	0.30	3%	0
003.14	Fat, Crude, Ankom (%)	0948	2.005	0.0100	1.904	0.3334	0.0891	52	0.30	3%	0
003.14	Fat, Crude, Ankom (%)	0148	2.030	0.3200	1.904	0.3334	0.0891	52	0.38	3%	0
003.14	Fat, Crude, Ankom (%)	0171	2.065	0.2700	1.904	0.3334	0.0891	52	0.48	4%	0
003.14	Fat, Crude, Ankom (%)	0298	2.070	0.0200	1.904	0.3334	0.0891	52	0.50	4%	0
003.14	Fat, Crude, Ankom (%)	0407	2.090	0.1387	1.904	0.3334	0.0891	52	0.56	5%	0
003.14	Fat, Crude, Ankom (%)	0619	2.115	0.0300	1.904	0.3334	0.0891	52	0.63	6%	0
003.14	Fat, Crude, Ankom (%)	0529	2.135	0.0300	1.904	0.3334	0.0891	52	0.69	6%	0
003.14	Fat, Crude, Ankom (%)	0598	2.145	0.0100	1.904	0.3334	0.0891	52	0.72	6%	0
003.14	Fat, Crude, Ankom (%)	0009	2.160	0.0200	1.904	0.3334	0.0891	52	0.77	7%	0

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003.14	Fat, Crude, Ankom (%)	2144	2.165	0.0500	1.904	0.3334	0.0891	52	0.78	7%	0
003.14	Fat, Crude, Ankom (%)	0265	2.200	0.0600	1.904	0.3334	0.0891	52	0.89	8%	0
003.14	Fat, Crude, Ankom (%)	0505	2.210	0.1200	1.904	0.3334	0.0891	52	0.92	8%	0
003.14	Fat, Crude, Ankom (%)	0049	2.220	0.0600	1.904	0.3334	0.0891	52	0.95	8%	0
003.14	Fat, Crude, Ankom (%)	0066	2.285	0.2500	1.904	0.3334	0.0891	52	1.14	10%	0
003.14	Fat, Crude, Ankom (%)	0003	2.300	0.1600	1.904	0.3334	0.0891	52	1.19	10%	0
003.14	Fat, Crude, Ankom (%)	0510	2.370	0.0600	1.904	0.3334	0.0891	52	1.40	12%	0
003.14	Fat, Crude, Ankom (%)	0726	2.435	0.0100	1.904	0.3334	0.0891	52	1.59	14%	0
003.14	Fat, Crude, Ankom (%)	0278	2.500	0.2000	1.904	0.3334	0.0891	52	1.79	16%	0
003.14	Fat, Crude, Ankom (%)	0190	2.510	0.0600	1.904	0.3334	0.0891	52	1.82	16%	0
003.14	Fat, Crude, Ankom (%)	0682	2.580	0.0000	1.904	0.3334	0.0891	52	2.03	18%	0
003.99	Fat, Crude, Miscellaneous (%)	0536	1.830	0.0000				3			0
003.99	Fat, Crude, Miscellaneous (%)	0016	1.885	0.3900				3			0
003.99	Fat, Crude, Miscellaneous (%)	0875	2.370	0.0800				3			0
004.00	Fiber, Crude, Asbestos Free (%)	0169	3.585	0.0900	3.927	0.3068	0.0997	12	-1.11	4%	0
004.00	Fiber, Crude, Asbestos Free (%)	0425	3.600	0.0000	3.927	0.3068	0.0997	12	-1.07	4%	0
004.00	Fiber, Crude, Asbestos Free (%)	0226	3.700	0.1400	3.927	0.3068	0.0997	12	-0.74	3%	0
004.00	Fiber, Crude, Asbestos Free (%)	0309	3.728	0.1069	3.927	0.3068	0.0997	12	-0.65	3%	0
004.00	Fiber, Crude, Asbestos Free (%)	0164	3.750	0.3000	3.927	0.3068	0.0997	12	-0.58	2%	0
004.00	Fiber, Crude, Asbestos Free (%)	0171	3.845	0.0100	3.927	0.3068	0.0997	12	-0.27	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	0186	3.850	0.2400	3.927	0.3068	0.0997	12	-0.25	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	0175	4.100	0.0000	3.927	0.3068	0.0997	12	0.56	2%	0
004.00	Fiber, Crude, Asbestos Free (%)	0345	4.140	0.1200	3.927	0.3068	0.0997	12	0.69	3%	0
004.00	Fiber, Crude, Asbestos Free (%)	2326	4.205	0.0900	3.927	0.3068	0.0997	12	0.91	4%	0
004.00	Fiber, Crude, Asbestos Free (%)	0884	4.300	0.0000	3.927	0.3068	0.0997	12	1.22	5%	0
004.00	Fiber, Crude, Asbestos Free (%)	2073	4.320	0.1000	3.927	0.3068	0.0997	12	1.28	5%	0
004.00	Fiber, Crude, Asbestos Free (%)	0017	3.800	0.6000	3.927	0.3068	0.0997	12	-0.41	2%	1
004.00	Fiber, Crude, Asbestos Free (%)	2076	106.5	0.1190	3.927	0.3068	0.0997	12	334.41	1306%	2
004.01	Fiber, Crude, Sing Filt (%)	0366	3.250	0.7000				2			0
004.01	Fiber, Crude, Sing Filt (%)	2144	3.610	0.0200				2			0
004.03	Fiber, Crude, Fritted Glass (%)	2089	3.145	0.0100	3.738	0.5541	0.0850	6	-1.07	8%	0
004.03	Fiber, Crude, Fritted Glass (%)	0921	3.365	0.0100	3.738	0.5541	0.0850	6	-0.67	5%	0
004.03	Fiber, Crude, Fritted Glass (%)	0353	3.630	0.0400	3.738	0.5541	0.0850	6	-0.19	1%	0
004.03	Fiber, Crude, Fritted Glass (%)	2058	3.650	0.0200	3.738	0.5541	0.0850	6	-0.16	1%	0
004.03	Fiber, Crude, Fritted Glass (%)	2246	4.240	0.3200	3.738	0.5541	0.0850	6	0.91	7%	0
004.03	Fiber, Crude, Fritted Glass (%)	2192	4.395	0.1100	3.738	0.5541	0.0850	6	1.19	9%	0
004.06	Fiber, Crude, Fibertec (%)	2319	3.600	0.0000	3.969	0.3131	0.0966	17	-1.18	5%	0
004.06	Fiber, Crude, Fibertec (%)	0964	3.615	0.0100	3.969	0.3131	0.0966	17	-1.13	4%	0
004.06	Fiber, Crude, Fibertec (%)	0875	3.645	0.1100	3.969	0.3131	0.0966	17	-1.04	4%	0
004.06	Fiber, Crude, Fibertec (%)	0098	3.730	0.0400	3.969	0.3131	0.0966	17	-0.76	3%	0
004.06	Fiber, Crude, Fibertec (%)	0885	3.743	0.0051	3.969	0.3131	0.0966	17	-0.72	3%	0
004.06	Fiber, Crude, Fibertec (%)	0948	3.820	0.0200	3.969	0.3131	0.0966	17	-0.48	2%	0

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004.06	Fiber, Crude, Fibertec (%)	0918	3.855	0.0300	3.969	0.3131	0.0966	17	-0.36	1%	0
004.06	Fiber, Crude, Fibertec (%)	0881	3.891	0.1290	3.969	0.3131	0.0966	17	-0.25	1%	0
004.06	Fiber, Crude, Fibertec (%)	2022	3.895	0.0700	3.969	0.3131	0.0966	17	-0.24	1%	0
004.06	Fiber, Crude, Fibertec (%)	0968	3.925	0.0100	3.969	0.3131	0.0966	17	-0.14	1%	0
004.06	Fiber, Crude, Fibertec (%)	0689	4.050	0.1000	3.969	0.3131	0.0966	17	0.26	1%	0
004.06	Fiber, Crude, Fibertec (%)	0512	4.121	0.1180	3.969	0.3131	0.0966	17	0.48	2%	0
004.06	Fiber, Crude, Fibertec (%)	0610	4.155	0.2900	3.969	0.3131	0.0966	17	0.59	2%	0
004.06	Fiber, Crude, Fibertec (%)	0676	4.275	0.0500	3.969	0.3131	0.0966	17	0.98	4%	0
004.06	Fiber, Crude, Fibertec (%)	2006	4.280	0.2600	3.969	0.3131	0.0966	17	0.99	4%	0
004.06	Fiber, Crude, Fibertec (%)	2199	4.450	0.1000	3.969	0.3131	0.0966	17	1.54	6%	0
004.06	Fiber, Crude, Fibertec (%)	2200	4.850	0.3000	3.969	0.3131	0.0966	17	2.81	11%	0
004.07	Fiber, Crude, ANKOM (%)	0536	2.440	0.0200	3.988	0.5301	0.1843	65	-2.92	19%	0
004.07	Fiber, Crude, ANKOM (%)	0682	3.200	0.0000	3.988	0.5301	0.1843	65	-1.49	10%	0
004.07	Fiber, Crude, ANKOM (%)	0510	3.250	0.1000	3.988	0.5301	0.1843	65	-1.39	9%	0
004.07	Fiber, Crude, ANKOM (%)	0644	3.314	0.0440	3.988	0.5301	0.1843	65	-1.27	8%	0
004.07	Fiber, Crude, ANKOM (%)	0042	3.370	0.3000	3.988	0.5301	0.1843	65	-1.17	8%	0
004.07	Fiber, Crude, ANKOM (%)	0619	3.370	0.0000	3.988	0.5301	0.1843	65	-1.17	8%	0
004.07	Fiber, Crude, ANKOM (%)	0708	3.375	0.0500	3.988	0.5301	0.1843	65	-1.16	8%	0
004.07	Fiber, Crude, ANKOM (%)	0870	3.402	0.1178	3.988	0.5301	0.1843	65	-1.11	7%	0
004.07	Fiber, Crude, ANKOM (%)	0028	3.450	0.3000	3.988	0.5301	0.1843	65	-1.01	7%	0
004.07	Fiber, Crude, ANKOM (%)	0098	3.470	0.1800	3.988	0.5301	0.1843	65	-0.98	6%	0
004.07	Fiber, Crude, ANKOM (%)	0520	3.500	0.2000	3.988	0.5301	0.1843	65	-0.92	6%	0
004.07	Fiber, Crude, ANKOM (%)	0190	3.550	0.1000	3.988	0.5301	0.1843	65	-0.83	5%	0
004.07	Fiber, Crude, ANKOM (%)	0643	3.560	0.0000	3.988	0.5301	0.1843	65	-0.81	5%	0
004.07	Fiber, Crude, ANKOM (%)	0505	3.570	0.1000	3.988	0.5301	0.1843	65	-0.79	5%	0
004.07	Fiber, Crude, ANKOM (%)	0726	3.570	0.0200	3.988	0.5301	0.1843	65	-0.79	5%	0
004.07	Fiber, Crude, ANKOM (%)	0675	3.635	0.1500	3.988	0.5301	0.1843	65	-0.67	4%	0
004.07	Fiber, Crude, ANKOM (%)	0083	3.640	0.0800	3.988	0.5301	0.1843	65	-0.66	4%	0
004.07	Fiber, Crude, ANKOM (%)	2181	3.640	0.0400	3.988	0.5301	0.1843	65	-0.66	4%	0
004.07	Fiber, Crude, ANKOM (%)	0956	3.650	0.1000	3.988	0.5301	0.1843	65	-0.64	4%	0
004.07	Fiber, Crude, ANKOM (%)	0968	3.655	0.4100	3.988	0.5301	0.1843	65	-0.63	4%	0
004.07	Fiber, Crude, ANKOM (%)	2109	3.670	0.5000	3.988	0.5301	0.1843	65	-0.60	4%	0
004.07	Fiber, Crude, ANKOM (%)	2144	3.685	0.0900	3.988	0.5301	0.1843	65	-0.57	4%	0
004.07	Fiber, Crude, ANKOM (%)	0100	3.695	0.4700	3.988	0.5301	0.1843	65	-0.55	4%	0
004.07	Fiber, Crude, ANKOM (%)	0948	3.745	0.0300	3.988	0.5301	0.1843	65	-0.46	3%	0
004.07	Fiber, Crude, ANKOM (%)	0910	3.800	0.2000	3.988	0.5301	0.1843	65	-0.35	2%	0
004.07	Fiber, Crude, ANKOM (%)	0074	3.805	0.2900	3.988	0.5301	0.1843	65	-0.35	2%	0
004.07	Fiber, Crude, ANKOM (%)	0354	3.830	0.0200	3.988	0.5301	0.1843	65	-0.30	2%	0
004.07	Fiber, Crude, ANKOM (%)	0848	3.870	0.0400	3.988	0.5301	0.1843	65	-0.22	1%	0
004.07	Fiber, Crude, ANKOM (%)	0045	3.880	0.4000	3.988	0.5301	0.1843	65	-0.20	1%	0
004.07	Fiber, Crude, ANKOM (%)	2188	3.910	0.0000	3.988	0.5301	0.1843	65	-0.15	1%	0
004.07	Fiber, Crude, ANKOM (%)	0529	3.925	0.0700	3.988	0.5301	0.1843	65	-0.12	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data Value	Lab Data Range	Method Values Rob Mean	Method Values Robust SD	Method Values R-bar	Method Values # Labs	AAFCO PT Z Score	Threshold %RSD	Flag
004.07	Fiber, Crude, ANKOM (%)	0553	3.940	0.3800	3.988	0.5301	0.1843	65	-0.09	1%	0
004.07	Fiber, Crude, ANKOM (%)	2193	3.945	0.0700	3.988	0.5301	0.1843	65	-0.08	1%	0
004.07	Fiber, Crude, ANKOM (%)	0032	3.950	0.3000	3.988	0.5301	0.1843	65	-0.07	0%	0
004.07	Fiber, Crude, ANKOM (%)	0511	3.950	0.1000	3.988	0.5301	0.1843	65	-0.07	0%	0
004.07	Fiber, Crude, ANKOM (%)	2259	3.958	0.0340	3.988	0.5301	0.1843	65	-0.06	0%	0
004.07	Fiber, Crude, ANKOM (%)	0598	3.975	0.0700	3.988	0.5301	0.1843	65	-0.02	0%	0
004.07	Fiber, Crude, ANKOM (%)	0589	4.000	0.4000	3.988	0.5301	0.1843	65	0.02	0%	0
004.07	Fiber, Crude, ANKOM (%)	0876	4.000	0.0000	3.988	0.5301	0.1843	65	0.02	0%	0
004.07	Fiber, Crude, ANKOM (%)	2196	4.070	0.0000	3.988	0.5301	0.1843	65	0.15	1%	0
004.07	Fiber, Crude, ANKOM (%)	0407	4.081	0.1780	3.988	0.5301	0.1843	65	0.18	1%	0
004.07	Fiber, Crude, ANKOM (%)	0294	4.100	0.0000	3.988	0.5301	0.1843	65	0.21	1%	0
004.07	Fiber, Crude, ANKOM (%)	0009	4.165	0.0700	3.988	0.5301	0.1843	65	0.33	2%	0
004.07	Fiber, Crude, ANKOM (%)	0144	4.230	0.2400	3.988	0.5301	0.1843	65	0.46	3%	0
004.07	Fiber, Crude, ANKOM (%)	0066	4.245	0.3300	3.988	0.5301	0.1843	65	0.48	3%	0
004.07	Fiber, Crude, ANKOM (%)	0881	4.263	0.1940	3.988	0.5301	0.1843	65	0.52	3%	0
004.07	Fiber, Crude, ANKOM (%)	0123	4.305	0.2300	3.988	0.5301	0.1843	65	0.60	4%	0
004.07	Fiber, Crude, ANKOM (%)	0003	4.330	0.5600	3.988	0.5301	0.1843	65	0.65	4%	0
004.07	Fiber, Crude, ANKOM (%)	0646	4.330	0.0600	3.988	0.5301	0.1843	65	0.65	4%	0
004.07	Fiber, Crude, ANKOM (%)	0019	4.335	0.0100	3.988	0.5301	0.1843	65	0.65	4%	0
004.07	Fiber, Crude, ANKOM (%)	0581	4.400	0.2000	3.988	0.5301	0.1843	65	0.78	5%	0
004.07	Fiber, Crude, ANKOM (%)	0004	4.475	0.2900	3.988	0.5301	0.1843	65	0.92	6%	0
004.07	Fiber, Crude, ANKOM (%)	0034	4.550	0.5800	3.988	0.5301	0.1843	65	1.06	7%	0
004.07	Fiber, Crude, ANKOM (%)	0692	4.550	0.9000	3.988	0.5301	0.1843	65	1.06	7%	0
004.07	Fiber, Crude, ANKOM (%)	0278	4.600	0.2000	3.988	0.5301	0.1843	65	1.15	8%	0
004.07	Fiber, Crude, ANKOM (%)	0693	4.610	0.4360	3.988	0.5301	0.1843	65	1.17	8%	0
004.07	Fiber, Crude, ANKOM (%)	2146	4.655	0.2500	3.988	0.5301	0.1843	65	1.26	8%	0
004.07	Fiber, Crude, ANKOM (%)	0229	4.665	0.5500	3.988	0.5301	0.1843	65	1.28	8%	0
004.07	Fiber, Crude, ANKOM (%)	0089	4.700	0.0200	3.988	0.5301	0.1843	65	1.34	9%	0
004.07	Fiber, Crude, ANKOM (%)	2009	4.746	0.0234	3.988	0.5301	0.1843	65	1.43	10%	0
004.07	Fiber, Crude, ANKOM (%)	0263	4.858	0.0636	3.988	0.5301	0.1843	65	1.64	11%	0
004.07	Fiber, Crude, ANKOM (%)	0626	4.945	0.0500	3.988	0.5301	0.1843	65	1.81	12%	0
004.07	Fiber, Crude, ANKOM (%)	0265	5.085	0.1500	3.988	0.5301	0.1843	65	2.07	14%	0
004.07	Fiber, Crude, ANKOM (%)	0202	5.650	0.4200	3.988	0.5301	0.1843	65	3.14	21%	0
004.07	Fiber, Crude, ANKOM (%)	0298	6.100	0.2000	3.988	0.5301	0.1843	65	3.98	26%	0
004.07	Fiber, Crude, ANKOM (%)	0939	4.800	1.100	3.988	0.5301	0.1843	65	1.53	10%	1
004.11	Fiber, Crude, NIR (%)	0889	3.150	0.0000	4.415	0.8480	0.0767	6	-1.49	14%	0
004.11	Fiber, Crude, NIR (%)	2290	4.050	0.1000	4.415	0.8480	0.0767	6	-0.43	4%	0
004.11	Fiber, Crude, NIR (%)	0553	4.400	0.0600	4.415	0.8480	0.0767	6	-0.02	0%	0
004.11	Fiber, Crude, NIR (%)	0148	4.800	0.0000	4.415	0.8480	0.0767	6	0.45	4%	0
004.11	Fiber, Crude, NIR (%)	0964	4.800	0.2000	4.415	0.8480	0.0767	6	0.45	4%	0
004.11	Fiber, Crude, NIR (%)	0852	5.290	0.1000	4.415	0.8480	0.0767	6	1.03	10%	0
004.99	Fiber, Crude, Miscellaneous (%)	2129	3.774	0.9880				1			0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data Value	Lab Data Range	Method Values Rob Mean	Method Values Robust SD	Method Values R-bar	Method Values # Labs	AAFCO PT Z Score	Threshold %RSD	Flag
005.00	Ash, 2h @ 600°C (%)	2184	10.29	0.2300	11.52	0.4842	0.1478	88	-2.56	5%	0
005.00	Ash, 2h @ 600°C (%)	0169	10.33	0.0600	11.52	0.4842	0.1478	88	-2.46	5%	0
005.00	Ash, 2h @ 600°C (%)	0357	10.60	0.0000	11.52	0.4842	0.1478	88	-1.91	4%	0
005.00	Ash, 2h @ 600°C (%)	0529	10.62	0.0500	11.52	0.4842	0.1478	88	-1.87	4%	0
005.00	Ash, 2h @ 600°C (%)	0144	10.64	0.1700	11.52	0.4842	0.1478	88	-1.83	4%	0
005.00	Ash, 2h @ 600°C (%)	0964	10.73	0.0630	11.52	0.4842	0.1478	88	-1.64	3%	0
005.00	Ash, 2h @ 600°C (%)	0019	10.75	0.3000	11.52	0.4842	0.1478	88	-1.60	3%	0
005.00	Ash, 2h @ 600°C (%)	0539	10.76	0.1100	11.52	0.4842	0.1478	88	-1.59	3%	0
005.00	Ash, 2h @ 600°C (%)	0876	10.80	0.2000	11.52	0.4842	0.1478	88	-1.49	3%	0
005.00	Ash, 2h @ 600°C (%)	0881	10.81	0.1620	11.52	0.4842	0.1478	88	-1.48	3%	0
005.00	Ash, 2h @ 600°C (%)	0918	10.87	0.3500	11.52	0.4842	0.1478	88	-1.36	3%	0
005.00	Ash, 2h @ 600°C (%)	2268	10.88	0.0100	11.52	0.4842	0.1478	88	-1.34	3%	0
005.00	Ash, 2h @ 600°C (%)	0049	10.92	0.3300	11.52	0.4842	0.1478	88	-1.26	3%	0
005.00	Ash, 2h @ 600°C (%)	0511	10.92	0.2400	11.52	0.4842	0.1478	88	-1.25	3%	0
005.00	Ash, 2h @ 600°C (%)	0042	10.95	0.1900	11.52	0.4842	0.1478	88	-1.19	3%	0
005.00	Ash, 2h @ 600°C (%)	0682	10.98	0.0000	11.52	0.4842	0.1478	88	-1.12	2%	0
005.00	Ash, 2h @ 600°C (%)	0598	11.02	0.0100	11.52	0.4842	0.1478	88	-1.05	2%	0
005.00	Ash, 2h @ 600°C (%)	0953	11.03	0.0500	11.52	0.4842	0.1478	88	-1.03	2%	0
005.00	Ash, 2h @ 600°C (%)	0278	11.07	0.1200	11.52	0.4842	0.1478	88	-0.94	2%	0
005.00	Ash, 2h @ 600°C (%)	0425	11.10	0.5500	11.52	0.4842	0.1478	88	-0.88	2%	0
005.00	Ash, 2h @ 600°C (%)	0297	11.12	0.2300	11.52	0.4842	0.1478	88	-0.84	2%	0
005.00	Ash, 2h @ 600°C (%)	0062	11.19	0.4700	11.52	0.4842	0.1478	88	-0.70	1%	0
005.00	Ash, 2h @ 600°C (%)	0027	11.24	0.0000	11.52	0.4842	0.1478	88	-0.59	1%	0
005.00	Ash, 2h @ 600°C (%)	2200	11.25	0.5000	11.52	0.4842	0.1478	88	-0.56	1%	0
005.00	Ash, 2h @ 600°C (%)	0520	11.26	0.0200	11.52	0.4842	0.1478	88	-0.54	1%	0
005.00	Ash, 2h @ 600°C (%)	2073	11.32	0.1000	11.52	0.4842	0.1478	88	-0.42	1%	0
005.00	Ash, 2h @ 600°C (%)	0164	11.34	0.2100	11.52	0.4842	0.1478	88	-0.39	1%	0
005.00	Ash, 2h @ 600°C (%)	0358	11.38	0.0200	11.52	0.4842	0.1478	88	-0.29	1%	0
005.00	Ash, 2h @ 600°C (%)	0083	11.39	0.2000	11.52	0.4842	0.1478	88	-0.27	1%	0
005.00	Ash, 2h @ 600°C (%)	0175	11.40	0.0000	11.52	0.4842	0.1478	88	-0.25	1%	0
005.00	Ash, 2h @ 600°C (%)	0004	11.45	0.0700	11.52	0.4842	0.1478	88	-0.16	0%	0
005.00	Ash, 2h @ 600°C (%)	0148	11.45	0.1000	11.52	0.4842	0.1478	88	-0.15	0%	0
005.00	Ash, 2h @ 600°C (%)	0853	11.45	0.3000	11.52	0.4842	0.1478	88	-0.15	0%	0
005.00	Ash, 2h @ 600°C (%)	0541	11.47	0.2000	11.52	0.4842	0.1478	88	-0.11	0%	0
005.00	Ash, 2h @ 600°C (%)	2326	11.49	0.1100	11.52	0.4842	0.1478	88	-0.08	0%	0
005.00	Ash, 2h @ 600°C (%)	0229	11.51	0.4600	11.52	0.4842	0.1478	88	-0.03	0%	0
005.00	Ash, 2h @ 600°C (%)	0870	11.53	0.0552	11.52	0.4842	0.1478	88	0.02	0%	0
005.00	Ash, 2h @ 600°C (%)	0693	11.53	0.1460	11.52	0.4842	0.1478	88	0.02	0%	0
005.00	Ash, 2h @ 600°C (%)	0354	11.55	0.0100	11.52	0.4842	0.1478	88	0.05	0%	0
005.00	Ash, 2h @ 600°C (%)	0045	11.55	0.1000	11.52	0.4842	0.1478	88	0.06	0%	0
005.00	Ash, 2h @ 600°C (%)	0512	11.57	0.1700	11.52	0.4842	0.1478	88	0.09	0%	0
005.00	Ash, 2h @ 600°C (%)	0505	11.57	0.2400	11.52	0.4842	0.1478	88	0.10	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data Value	Lab Data Range	Method Values Rob Mean	Method Values Robust SD	Method Values R-bar	Method Values # Labs	AAFCO PT Z Score	Threshold %RSD	Flag
005.00	Ash, 2h @ 600°C (%)	2022	11.57	0.0000	11.52	0.4842	0.1478	88	0.10	0%	0
005.00	Ash, 2h @ 600°C (%)	0100	11.59	0.2600	11.52	0.4842	0.1478	88	0.14	0%	0
005.00	Ash, 2h @ 600°C (%)	0956	11.60	0.2000	11.52	0.4842	0.1478	88	0.16	0%	0
005.00	Ash, 2h @ 600°C (%)	2199	11.60	0.0000	11.52	0.4842	0.1478	88	0.16	0%	0
005.00	Ash, 2h @ 600°C (%)	0643	11.60	0.0800	11.52	0.4842	0.1478	88	0.16	0%	0
005.00	Ash, 2h @ 600°C (%)	0298	11.62	0.0200	11.52	0.4842	0.1478	88	0.20	0%	0
005.00	Ash, 2h @ 600°C (%)	0589	11.64	0.1100	11.52	0.4842	0.1478	88	0.23	0%	0
005.00	Ash, 2h @ 600°C (%)	0142	11.64	0.2400	11.52	0.4842	0.1478	88	0.24	1%	0
005.00	Ash, 2h @ 600°C (%)	2058	11.66	0.0800	11.52	0.4842	0.1478	88	0.28	1%	0
005.00	Ash, 2h @ 600°C (%)	0035	11.67	0.0200	11.52	0.4842	0.1478	88	0.30	1%	0
005.00	Ash, 2h @ 600°C (%)	2196	11.68	0.0000	11.52	0.4842	0.1478	88	0.32	1%	0
005.00	Ash, 2h @ 600°C (%)	0366	11.70	0.4000	11.52	0.4842	0.1478	88	0.37	1%	0
005.00	Ash, 2h @ 600°C (%)	0510	11.74	0.1100	11.52	0.4842	0.1478	88	0.44	1%	0
005.00	Ash, 2h @ 600°C (%)	0848	11.74	0.2500	11.52	0.4842	0.1478	88	0.44	1%	0
005.00	Ash, 2h @ 600°C (%)	0171	11.74	0.0000	11.52	0.4842	0.1478	88	0.45	1%	0
005.00	Ash, 2h @ 600°C (%)	0123	11.75	0.1000	11.52	0.4842	0.1478	88	0.47	1%	0
005.00	Ash, 2h @ 600°C (%)	0098	11.76	0.0500	11.52	0.4842	0.1478	88	0.48	1%	0
005.00	Ash, 2h @ 600°C (%)	2006	11.76	0.4600	11.52	0.4842	0.1478	88	0.49	1%	0
005.00	Ash, 2h @ 600°C (%)	0001	11.76	0.0637	11.52	0.4842	0.1478	88	0.50	1%	0
005.00	Ash, 2h @ 600°C (%)	0646	11.78	0.1300	11.52	0.4842	0.1478	88	0.52	1%	0
005.00	Ash, 2h @ 600°C (%)	0553	11.79	0.6000	11.52	0.4842	0.1478	88	0.55	1%	0
005.00	Ash, 2h @ 600°C (%)	2150	11.80	0.3900	11.52	0.4842	0.1478	88	0.56	1%	0
005.00	Ash, 2h @ 600°C (%)	0017	11.80	0.2000	11.52	0.4842	0.1478	88	0.57	1%	0
005.00	Ash, 2h @ 600°C (%)	0242	11.83	0.0600	11.52	0.4842	0.1478	88	0.63	1%	0
005.00	Ash, 2h @ 600°C (%)	0948	11.83	0.2400	11.52	0.4842	0.1478	88	0.63	1%	0
005.00	Ash, 2h @ 600°C (%)	2076	11.84	0.0178	11.52	0.4842	0.1478	88	0.66	1%	0
005.00	Ash, 2h @ 600°C (%)	0353	11.87	0.0300	11.52	0.4842	0.1478	88	0.71	1%	0
005.00	Ash, 2h @ 600°C (%)	0186	11.91	0.1300	11.52	0.4842	0.1478	88	0.79	2%	0
005.00	Ash, 2h @ 600°C (%)	0574	11.91	0.1400	11.52	0.4842	0.1478	88	0.80	2%	0
005.00	Ash, 2h @ 600°C (%)	2193	11.92	0.0100	11.52	0.4842	0.1478	88	0.81	2%	0
005.00	Ash, 2h @ 600°C (%)	0407	11.93	0.0153	11.52	0.4842	0.1478	88	0.84	2%	0
005.00	Ash, 2h @ 600°C (%)	2188	11.93	0.0200	11.52	0.4842	0.1478	88	0.84	2%	0
005.00	Ash, 2h @ 600°C (%)	0265	11.95	0.1000	11.52	0.4842	0.1478	88	0.88	2%	0
005.00	Ash, 2h @ 600°C (%)	0968	11.96	0.1400	11.52	0.4842	0.1478	88	0.90	2%	0
005.00	Ash, 2h @ 600°C (%)	0047	12.00	0.2000	11.52	0.4842	0.1478	88	0.99	2%	0
005.00	Ash, 2h @ 600°C (%)	0914	12.00	0.1000	11.52	0.4842	0.1478	88	0.99	2%	0
005.00	Ash, 2h @ 600°C (%)	2259	12.04	0.0900	11.52	0.4842	0.1478	88	1.06	2%	0
005.00	Ash, 2h @ 600°C (%)	0108	12.05	0.0100	11.52	0.4842	0.1478	88	1.08	2%	0
005.00	Ash, 2h @ 600°C (%)	0345	12.05	0.1000	11.52	0.4842	0.1478	88	1.09	2%	0
005.00	Ash, 2h @ 600°C (%)	2181	12.11	0.0900	11.52	0.4842	0.1478	88	1.20	3%	0
005.00	Ash, 2h @ 600°C (%)	0309	12.15	0.0230	11.52	0.4842	0.1478	88	1.29	3%	0
005.00	Ash, 2h @ 600°C (%)	0618	12.18	0.1700	11.52	0.4842	0.1478	88	1.35	3%	0

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005.00	Ash, 2h @ 600°C (%)	0581	12.23	0.0300	11.52	0.4842	0.1478	88	1.45	3%	0
005.00	Ash, 2h @ 600°C (%)	0226	12.23	0.2400	11.52	0.4842	0.1478	88	1.46	3%	0
005.00	Ash, 2h @ 600°C (%)	2089	12.27	0.1300	11.52	0.4842	0.1478	88	1.53	3%	0
005.00	Ash, 2h @ 600°C (%)	0675	12.56	0.2500	11.52	0.4842	0.1478	88	2.13	4%	0
005.02	Ash, LECO (%)	0968	11.78	0.0800				2			0
005.02	Ash, LECO (%)	0644	12.22	0.1290				2			0
005.03	Ash, Microwave furnace (%)	0912	11.30	0.0000				1			0
005.05	Ash, 3h @ 550°C (%)	0875	10.84	0.1000	12.02	0.3069	0.1172	23	-3.84	5%	0
005.05	Ash, 3h @ 550°C (%)	0726	11.26	0.3000	12.02	0.3069	0.1172	23	-2.47	3%	0
005.05	Ash, 3h @ 550°C (%)	0066	11.43	0.1500	12.02	0.3069	0.1172	23	-1.93	2%	0
005.05	Ash, 3h @ 550°C (%)	0889	11.50	0.0100	12.02	0.3069	0.1172	23	-1.70	2%	0
005.05	Ash, 3h @ 550°C (%)	0263	11.62	0.1154	12.02	0.3069	0.1172	23	-1.28	2%	0
005.05	Ash, 3h @ 550°C (%)	0689	11.75	0.1200	12.02	0.3069	0.1172	23	-0.87	1%	0
005.05	Ash, 3h @ 550°C (%)	0294	12.00	0.0000	12.02	0.3069	0.1172	23	-0.06	0%	0
005.05	Ash, 3h @ 550°C (%)	0619	12.05	0.1000	12.02	0.3069	0.1172	23	0.11	0%	0
005.05	Ash, 3h @ 550°C (%)	0685	12.07	0.0100	12.02	0.3069	0.1172	23	0.16	0%	0
005.05	Ash, 3h @ 550°C (%)	2144	12.09	0.2800	12.02	0.3069	0.1172	23	0.24	0%	0
005.05	Ash, 3h @ 550°C (%)	2009	12.09	0.0030	12.02	0.3069	0.1172	23	0.25	0%	0
005.05	Ash, 3h @ 550°C (%)	0885	12.10	0.1361	12.02	0.3069	0.1172	23	0.25	0%	0
005.05	Ash, 3h @ 550°C (%)	0590	12.10	0.0000	12.02	0.3069	0.1172	23	0.27	0%	0
005.05	Ash, 3h @ 550°C (%)	0034	12.12	0.2400	12.02	0.3069	0.1172	23	0.35	0%	0
005.05	Ash, 3h @ 550°C (%)	2109	12.15	0.1200	12.02	0.3069	0.1172	23	0.43	1%	0
005.05	Ash, 3h @ 550°C (%)	0939	12.20	0.0700	12.02	0.3069	0.1172	23	0.58	1%	0
005.05	Ash, 3h @ 550°C (%)	0921	12.21	0.2500	12.02	0.3069	0.1172	23	0.61	1%	0
005.05	Ash, 3h @ 550°C (%)	2146	12.21	0.0500	12.02	0.3069	0.1172	23	0.61	1%	0
005.05	Ash, 3h @ 550°C (%)	2192	12.22	0.2100	12.02	0.3069	0.1172	23	0.64	1%	0
005.05	Ash, 3h @ 550°C (%)	0190	12.25	0.0800	12.02	0.3069	0.1172	23	0.76	1%	0
005.05	Ash, 3h @ 550°C (%)	0610	12.25	0.1000	12.02	0.3069	0.1172	23	0.76	1%	0
005.05	Ash, 3h @ 550°C (%)	0692	12.30	0.2000	12.02	0.3069	0.1172	23	0.92	1%	0
005.05	Ash, 3h @ 550°C (%)	2246	12.41	0.0500	12.02	0.3069	0.1172	23	1.26	2%	0
005.05	Ash, 3h @ 550°C (%)	2129	12.59	0.6080	12.02	0.3069	0.1172	23	1.88	2%	1
005.05	Ash, 3h @ 550°C (%)	2216	0.5200	0.1200	12.02	0.3069	0.1172	23	-37.46	48%	2
005.11	Ash, NIR (%)	2290	6.300	0.2000	8.301	2.018	0.2460	5			0
005.11	Ash, NIR (%)	0148	6.750	0.3000	8.301	2.018	0.2460	5			0
005.11	Ash, NIR (%)	0852	8.030	0.1200	8.301	2.018	0.2460	5			0
005.11	Ash, NIR (%)	0297	9.095	0.5500	8.301	2.018	0.2460	5			0
005.11	Ash, NIR (%)	0889	11.33	0.0600	8.301	2.018	0.2460	5			0
005.99	Ash, Miscellaneous (%)	2081	10.08	0.0700	11.91	0.6215	0.1144	9	-2.96	8%	0
005.99	Ash, Miscellaneous (%)	0728	11.07	0.1400	11.91	0.6215	0.1144	9	-1.36	4%	0
005.99	Ash, Miscellaneous (%)	0536	11.88	0.0400	11.91	0.6215	0.1144	9	-0.06	0%	0
005.99	Ash, Miscellaneous (%)	0202	11.98	0.0700	11.91	0.6215	0.1144	9	0.10	0%	0
005.99	Ash, Miscellaneous (%)	0884	12.00	0.0000	11.91	0.6215	0.1144	9	0.14	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data Value	Lab Data Range	Method Values Rob Mean	Method Values Robust SD	Method Values R-bar	Method Values # Labs	AAFCO PT Z Score	Threshold %RSD	Flag
005.99	Ash, Miscellaneous (%)	0652	12.05	0.1000	11.91	0.6215	0.1144	9	0.22	1%	0
005.99	Ash, Miscellaneous (%)	0676	12.38	0.2100	11.91	0.6215	0.1144	9	0.74	2%	0
005.99	Ash, Miscellaneous (%)	2319	12.40	0.2000	11.91	0.6215	0.1144	9	0.78	2%	0
005.99	Ash, Miscellaneous (%)	0910	12.50	0.2000	11.91	0.6215	0.1144	9	0.94	2%	0
005.99	Ash, Miscellaneous (%)	2328	11.02	0.7100	11.91	0.6215	0.1144	9	-1.45	4%	1
006.00	Total Sugars, As sucrose (%)	2192	4.265	0.1100				3			0
006.00	Total Sugars, As sucrose (%)	2319	4.300	0.0000				3			0
006.00	Total Sugars, As sucrose (%)	0407	4.385	0.1100				3			0
006.00	Total Sugars, As sucrose (%)	0910	3.305	0.1900				3			2
006.01	Total Sugars, Mod. Fehling Soln (%)	0918	1.220	0.1400				1			0
006.99	Total Sugars, Miscellaneous (%)	2290	3.350	0.1000				3			0
006.99	Total Sugars, Miscellaneous (%)	0956	4.300	0.4000				3			0
006.99	Total Sugars, Miscellaneous (%)	0912	5.250	0.3000				3			0
008.02	Fiber, Acid Detergent, Crucible (%)	0676	4.615	0.0900	5.226	0.3894	0.2120	11	-1.57	6%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0948	4.955	0.1300	5.226	0.3894	0.2120	11	-0.70	3%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0964	4.965	0.3900	5.226	0.3894	0.2120	11	-0.67	2%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0309	4.975	0.3621	5.226	0.3894	0.2120	11	-0.65	2%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0345	5.060	0.0800	5.226	0.3894	0.2120	11	-0.43	2%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0226	5.230	0.2000	5.226	0.3894	0.2120	11	0.01	0%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0353	5.275	0.1900	5.226	0.3894	0.2120	11	0.13	0%	0
008.02	Fiber, Acid Detergent, Crucible (%)	2192	5.410	0.1000	5.226	0.3894	0.2120	11	0.47	2%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0689	5.600	0.2000	5.226	0.3894	0.2120	11	0.96	4%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0148	5.645	0.4700	5.226	0.3894	0.2120	11	1.08	4%	0
008.02	Fiber, Acid Detergent, Crucible (%)	2246	5.730	0.1200	5.226	0.3894	0.2120	11	1.29	5%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0098	5.305	1.090	5.226	0.3894	0.2120	11	0.20	1%	1
008.05	Fiber, Acid Detergent, Acid Detergent-Hach (%)	0265	6.230	0.0600				1			0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0675	4.460	0.0600	5.261	0.3258	0.1928	41	-2.46	8%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0619	4.635	0.1500	5.261	0.3258	0.1928	41	-1.92	6%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0968	4.680	0.3200	5.261	0.3258	0.1928	41	-1.78	6%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0939	4.730	0.5600	5.261	0.3258	0.1928	41	-1.63	5%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0164	4.800	0.2000	5.261	0.3258	0.1928	41	-1.41	4%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0956	4.850	0.1000	5.261	0.3258	0.1928	41	-1.26	4%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0278	4.950	0.1000	5.261	0.3258	0.1928	41	-0.95	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0948	4.955	0.3100	5.261	0.3258	0.1928	41	-0.94	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0726	4.975	0.4700	5.261	0.3258	0.1928	41	-0.88	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0581	5.085	0.1100	5.261	0.3258	0.1928	41	-0.54	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0294	5.100	0.2000	5.261	0.3258	0.1928	41	-0.49	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0910	5.115	0.3300	5.261	0.3258	0.1928	41	-0.45	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0357	5.150	0.1000	5.261	0.3258	0.1928	41	-0.34	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2146	5.165	0.3900	5.261	0.3258	0.1928	41	-0.29	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0049	5.175	0.1500	5.261	0.3258	0.1928	41	-0.26	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0354	5.180	0.0200	5.261	0.3258	0.1928	41	-0.25	1%	0

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008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0148	5.200	0.4400	5.261	0.3258	0.1928	41	-0.19	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0190	5.210	0.1200	5.261	0.3258	0.1928	41	-0.16	0%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0037	5.225	0.1100	5.261	0.3258	0.1928	41	-0.11	0%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0004	5.230	0.1000	5.261	0.3258	0.1928	41	-0.09	0%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0016	5.270	0.2200	5.261	0.3258	0.1928	41	0.03	0%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0646	5.315	0.0700	5.261	0.3258	0.1928	41	0.17	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0870	5.339	0.0609	5.261	0.3258	0.1928	41	0.24	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0035	5.370	0.0800	5.261	0.3258	0.1928	41	0.34	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0083	5.370	0.2400	5.261	0.3258	0.1928	41	0.34	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0042	5.385	0.2300	5.261	0.3258	0.1928	41	0.38	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0918	5.387	0.5133	5.261	0.3258	0.1928	41	0.39	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0912	5.395	0.0900	5.261	0.3258	0.1928	41	0.41	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2129	5.397	0.3800	5.261	0.3258	0.1928	41	0.42	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0001	5.405	0.2500	5.261	0.3258	0.1928	41	0.44	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0263	5.406	0.0634	5.261	0.3258	0.1928	41	0.45	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0066	5.460	0.1400	5.261	0.3258	0.1928	41	0.61	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0297	5.470	0.5400	5.261	0.3258	0.1928	41	0.64	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2196	5.480	0.0000	5.261	0.3258	0.1928	41	0.67	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0407	5.563	0.0560	5.261	0.3258	0.1928	41	0.93	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0889	5.580	0.0600	5.261	0.3258	0.1928	41	0.98	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0510	5.650	0.1000	5.261	0.3258	0.1928	41	1.19	4%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2193	5.795	0.1500	5.261	0.3258	0.1928	41	1.64	5%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0045	5.920	0.0400	5.261	0.3258	0.1928	41	2.02	6%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0358	6.600	0.0600	5.261	0.3258	0.1928	41	4.11	13%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0536	6.850	0.2200	5.261	0.3258	0.1928	41	4.88	15%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0693	5.133	1.279	5.261	0.3258	0.1928	41	-0.39	1%	1
008.99	Fiber, Acid Detergent, Miscellaneous (%)	0511	4.450	0.5000	5.611	1.173	0.2053	6	-0.99	10%	0
008.99	Fiber, Acid Detergent, Miscellaneous (%)	0027	4.933	0.0020	5.611	1.173	0.2053	6	-0.58	6%	0
008.99	Fiber, Acid Detergent, Miscellaneous (%)	0875	5.220	0.2000	5.611	1.173	0.2053	6	-0.33	3%	0
008.99	Fiber, Acid Detergent, Miscellaneous (%)	0610	5.540	0.0800	5.611	1.173	0.2053	6	-0.06	1%	0
008.99	Fiber, Acid Detergent, Miscellaneous (%)	2290	6.150	0.1000	5.611	1.173	0.2053	6	0.46	5%	0
008.99	Fiber, Acid Detergent, Miscellaneous (%)	2326	7.405	0.3500	5.611	1.173	0.2053	6	1.53	16%	0
009.04	Fiber, Neutral Detergent, Neutral Det-No ENZ Pretreat (%	2246	26.38	0.3700				1			0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0910	12.05	0.5000	14.13	0.9986	0.4092	13	-2.08	7%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0353	12.62	0.2000	14.13	0.9986	0.4092	13	-1.51	5%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0345	13.45	0.3000	14.13	0.9986	0.4092	13	-0.68	2%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0964	13.63	0.4500	14.13	0.9986	0.4092	13	-0.51	2%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0948	13.76	0.0400	14.13	0.9986	0.4092	13	-0.37	1%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0226	13.89	0.1800	14.13	0.9986	0.4092	13	-0.24	1%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0098	14.20	0.8000	14.13	0.9986	0.4092	13	0.07	0%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0309	14.73	0.5399	14.13	0.9986	0.4092	13	0.60	2%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	2246	14.74	0.4600	14.13	0.9986	0.4092	13	0.61	2%	0

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009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	2192	14.88	0.2100	14.13	0.9986	0.4092	13	0.75	3%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0676	14.91	0.3400	14.13	0.9986	0.4092	13	0.78	3%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0610	15.00	1.000	14.13	0.9986	0.4092	13	0.87	3%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0689	15.25	0.3000	14.13	0.9986	0.4092	13	1.12	4%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0598	12.34	0.0200	13.43	0.6282	0.2724	39	-1.74	4%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0265	12.35	0.1000	13.43	0.6282	0.2724	39	-1.72	4%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0278	12.55	0.1000	13.43	0.6282	0.2724	39	-1.41	3%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0358	12.63	0.1600	13.43	0.6282	0.2724	39	-1.28	3%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0510	12.75	0.3000	13.43	0.6282	0.2724	39	-1.09	3%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0263	12.80	0.0100	13.43	0.6282	0.2724	39	-1.01	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0646	12.80	0.3000	13.43	0.6282	0.2724	39	-1.01	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0675	12.92	0.2000	13.43	0.6282	0.2724	39	-0.82	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0294	12.95	0.1000	13.43	0.6282	0.2724	39	-0.77	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0939	12.96	0.1300	13.43	0.6282	0.2724	39	-0.76	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	2146	13.03	0.3600	13.43	0.6282	0.2724	39	-0.64	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0357	13.05	0.1000	13.43	0.6282	0.2724	39	-0.61	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	2193	13.15	0.0400	13.43	0.6282	0.2724	39	-0.45	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0037	13.21	0.1000	13.43	0.6282	0.2724	39	-0.35	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0619	13.25	0.5700	13.43	0.6282	0.2724	39	-0.30	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0726	13.28	0.0900	13.43	0.6282	0.2724	39	-0.25	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0870	13.31	0.6703	13.43	0.6282	0.2724	39	-0.20	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0083	13.32	0.1700	13.43	0.6282	0.2724	39	-0.19	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	2196	13.36	0.0000	13.43	0.6282	0.2724	39	-0.12	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0354	13.46	0.0100	13.43	0.6282	0.2724	39	0.04	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0035	13.48	0.1000	13.43	0.6282	0.2724	39	0.08	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0407	13.49	0.1498	13.43	0.6282	0.2724	39	0.09	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0148	13.52	0.9300	13.43	0.6282	0.2724	39	0.13	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0912	13.58	0.0400	13.43	0.6282	0.2724	39	0.23	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0049	13.63	0.3800	13.43	0.6282	0.2724	39	0.31	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0956	13.65	0.1000	13.43	0.6282	0.2724	39	0.35	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0164	13.75	0.5000	13.43	0.6282	0.2724	39	0.50	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0581	13.76	0.1100	13.43	0.6282	0.2724	39	0.51	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0948	13.82	0.1700	13.43	0.6282	0.2724	39	0.61	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0066	13.91	0.2800	13.43	0.6282	0.2724	39	0.76	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0968	13.93	0.4000	13.43	0.6282	0.2724	39	0.79	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	2129	13.95	0.7560	13.43	0.6282	0.2724	39	0.82	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0918	14.01	0.6284	13.43	0.6282	0.2724	39	0.92	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0693	14.10	0.2600	13.43	0.6282	0.2724	39	1.07	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0889	14.20	0.0500	13.43	0.6282	0.2724	39	1.21	3%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0297	14.27	0.1000	13.43	0.6282	0.2724	39	1.33	3%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0536	14.67	0.5000	13.43	0.6282	0.2724	39	1.97	5%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0045	15.00	1.000	13.43	0.6282	0.2724	39	2.49	6%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data Value	Lab Data Range	Method Values Rob Mean	Method Values Robust SD	Method Values R-bar	Method Values # Labs	AAFCO PT Z Score	Threshold %RSD	Flag
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0190	17.62	0.6400	13.43	0.6282	0.2724	39	6.67	16%	0
009.99	Fiber, Neutral Detergent, Miscellaneous (%)	0875	14.00	0.4000	14.54	0.4240	0.6825	4			0
009.99	Fiber, Neutral Detergent, Miscellaneous (%)	2290	14.40	0.4000	14.54	0.4240	0.6825	4			0
009.99	Fiber, Neutral Detergent, Miscellaneous (%)	0728	14.87	0.9900	14.54	0.4240	0.6825	4			0
009.99	Fiber, Neutral Detergent, Miscellaneous (%)	2326	14.89	0.9400	14.54	0.4240	0.6825	4			0
009.99	Fiber, Neutral Detergent, Miscellaneous (%)	0889	11.28	0.1100	14.54	0.4240	0.6825	4			2
010.03	Moisture, Karl-Fischer (%)	0843	8.980	0.3000				2			0
010.03	Moisture, Karl-Fischer (%)	0164	9.015	0.2100				2			0
010.11	Moisture, NIR (%)	0964	8.750	0.1000	10.04	1.176	0.0467	6	-1.09	6%	0
010.11	Moisture, NIR (%)	0889	9.470	0.0000	10.04	1.176	0.0467	6	-0.48	3%	0
010.11	Moisture, NIR (%)	0148	9.665	0.0300	10.04	1.176	0.0467	6	-0.31	2%	0
010.11	Moisture, NIR (%)	0553	9.745	0.0100	10.04	1.176	0.0467	6	-0.25	1%	0
010.11	Moisture, NIR (%)	0852	11.15	0.0400	10.04	1.176	0.0467	6	0.95	6%	0
010.11	Moisture, NIR (%)	2290	11.43	0.1000	10.04	1.176	0.0467	6	1.19	7%	0
010.99	Moisture, Miscellaneous (%)	0948	8.810	0.0200	9.367	0.3522	0.1268	16	-1.58	3%	0
010.99	Moisture, Miscellaneous (%)	0939	8.900	0.2600	9.367	0.3522	0.1268	16	-1.33	2%	0
010.99	Moisture, Miscellaneous (%)	0964	8.957	0.0880	9.367	0.3522	0.1268	16	-1.16	2%	0
010.99	Moisture, Miscellaneous (%)	0726	8.980	0.0000	9.367	0.3522	0.1268	16	-1.10	2%	0
010.99	Moisture, Miscellaneous (%)	0692	9.150	0.1000	9.367	0.3522	0.1268	16	-0.62	1%	0
010.99	Moisture, Miscellaneous (%)	0652	9.350	0.1000	9.367	0.3522	0.1268	16	-0.05	0%	0
010.99	Moisture, Miscellaneous (%)	2076	9.410	0.1200	9.367	0.3522	0.1268	16	0.12	0%	0
010.99	Moisture, Miscellaneous (%)	0884	9.450	0.1000	9.367	0.3522	0.1268	16	0.23	0%	0
010.99	Moisture, Miscellaneous (%)	0875	9.460	0.0000	9.367	0.3522	0.1268	16	0.26	0%	0
010.99	Moisture, Miscellaneous (%)	0921	9.475	0.2300	9.367	0.3522	0.1268	16	0.31	1%	0
010.99	Moisture, Miscellaneous (%)	2150	9.525	0.0500	9.367	0.3522	0.1268	16	0.45	1%	0
010.99	Moisture, Miscellaneous (%)	0190	9.545	0.0300	9.367	0.3522	0.1268	16	0.50	1%	0
010.99	Moisture, Miscellaneous (%)	2178	9.595	0.2300	9.367	0.3522	0.1268	16	0.65	1%	0
010.99	Moisture, Miscellaneous (%)	0914	9.660	0.2000	9.367	0.3522	0.1268	16	0.83	2%	0
010.99	Moisture, Miscellaneous (%)	2089	9.750	0.2200	9.367	0.3522	0.1268	16	1.09	2%	0
010.99	Moisture, Miscellaneous (%)	2216	9.830	0.2800	9.367	0.3522	0.1268	16	1.31	2%	0
010.99	Moisture, Miscellaneous (%)	2129	9.132	0.7440	9.367	0.3522	0.1268	16	-0.67	1%	1
011.01	Loss on Drying, 135°C 2hr (%)	2199	8.900	0.0000	9.891	0.3524	0.0900	63	-2.81	5%	0
011.01	Loss on Drying, 135°C 2hr (%)	2174	8.955	0.0700	9.891	0.3524	0.0900	63	-2.66	5%	0
011.01	Loss on Drying, 135°C 2hr (%)	0062	9.145	0.2900	9.891	0.3524	0.0900	63	-2.12	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	2200	9.250	0.7000	9.891	0.3524	0.0900	63	-1.82	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0520	9.300	0.0000	9.891	0.3524	0.0900	63	-1.68	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	2188	9.450	0.0000	9.891	0.3524	0.0900	63	-1.25	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0675	9.470	0.1200	9.891	0.3524	0.0900	63	-1.19	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	2022	9.515	0.0700	9.891	0.3524	0.0900	63	-1.07	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0881	9.584	0.0710	9.891	0.3524	0.0900	63	-0.87	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0598	9.585	0.0300	9.891	0.3524	0.0900	63	-0.87	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0968	9.595	0.0100	9.891	0.3524	0.0900	63	-0.84	1%	0

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011.01	Loss on Drying, 135°C 2hr (%)	0175	9.600	0.0000	9.891	0.3524	0.0900	63	-0.83	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0859	9.630	0.0680	9.891	0.3524	0.0900	63	-0.74	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0265	9.650	0.1000	9.891	0.3524	0.0900	63	-0.68	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0425	9.670	0.0600	9.891	0.3524	0.0900	63	-0.63	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0536	9.680	0.1000	9.891	0.3524	0.0900	63	-0.60	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	2168	9.685	0.2100	9.891	0.3524	0.0900	63	-0.58	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0298	9.710	0.0200	9.891	0.3524	0.0900	63	-0.51	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	2326	9.715	0.3700	9.891	0.3524	0.0900	63	-0.50	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0047	9.750	0.1000	9.891	0.3524	0.0900	63	-0.40	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0294	9.750	0.1000	9.891	0.3524	0.0900	63	-0.40	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	2181	9.755	0.1700	9.891	0.3524	0.0900	63	-0.39	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0541	9.760	0.1000	9.891	0.3524	0.0900	63	-0.37	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0643	9.765	0.0100	9.891	0.3524	0.0900	63	-0.36	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0953	9.780	0.0600	9.891	0.3524	0.0900	63	-0.32	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0164	9.800	0.0600	9.891	0.3524	0.0900	63	-0.26	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	2006	9.805	0.0100	9.891	0.3524	0.0900	63	-0.24	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	2193	9.815	0.0500	9.891	0.3524	0.0900	63	-0.22	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0728	9.845	0.0300	9.891	0.3524	0.0900	63	-0.13	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0682	9.860	0.0000	9.891	0.3524	0.0900	63	-0.09	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0226	9.875	0.0300	9.891	0.3524	0.0900	63	-0.05	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0646	9.885	0.0300	9.891	0.3524	0.0900	63	-0.02	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0354	9.885	0.0100	9.891	0.3524	0.0900	63	-0.02	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	2196	9.900	0.0000	9.891	0.3524	0.0900	63	0.03	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0539	9.905	0.3300	9.891	0.3524	0.0900	63	0.04	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0685	9.915	0.0100	9.891	0.3524	0.0900	63	0.07	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0263	9.920	0.1000	9.891	0.3524	0.0900	63	0.08	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0553	9.935	0.3900	9.891	0.3524	0.0900	63	0.12	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0511	9.940	0.0200	9.891	0.3524	0.0900	63	0.14	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0510	9.950	0.1000	9.891	0.3524	0.0900	63	0.17	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	2246	9.950	0.0800	9.891	0.3524	0.0900	63	0.17	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0242	9.955	0.0900	9.891	0.3524	0.0900	63	0.18	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0171	9.965	0.1900	9.891	0.3524	0.0900	63	0.21	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	2073	9.965	0.0100	9.891	0.3524	0.0900	63	0.21	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0574	9.985	0.0700	9.891	0.3524	0.0900	63	0.27	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0100	9.990	0.0200	9.891	0.3524	0.0900	63	0.28	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	2268	9.990	0.0000	9.891	0.3524	0.0900	63	0.28	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0098	10.04	0.0800	9.891	0.3524	0.0900	63	0.42	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0870	10.11	0.0812	9.891	0.3524	0.0900	63	0.61	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0066	10.22	0.0800	9.891	0.3524	0.0900	63	0.93	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	2058	10.28	0.0300	9.891	0.3524	0.0900	63	1.09	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0144	10.28	0.0900	9.891	0.3524	0.0900	63	1.09	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0618	10.34	0.0400	9.891	0.3524	0.0900	63	1.27	2%	0

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011.01	Loss on Drying, 135°C 2hr (%)	0589	10.35	0.0100	9.891	0.3524	0.0900	63	1.29	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0004	10.35	0.1400	9.891	0.3524	0.0900	63	1.30	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0229	10.35	0.1800	9.891	0.3524	0.0900	63	1.30	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0123	10.40	0.0100	9.891	0.3524	0.0900	63	1.43	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	2184	10.41	0.0500	9.891	0.3524	0.0900	63	1.46	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0309	10.41	0.0800	9.891	0.3524	0.0900	63	1.47	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0407	10.49	0.0411	9.891	0.3524	0.0900	63	1.71	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0358	10.51	0.1300	9.891	0.3524	0.0900	63	1.74	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0843	10.57	0.0400	9.891	0.3524	0.0900	63	1.93	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0202	10.59	0.1300	9.891	0.3524	0.0900	63	1.97	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	0108	11.44	2.280	9.891	0.3524	0.0900	63	4.40	8%	1
011.02	Loss on Drying, 130°C for 2 hours (%)	0942	9.700	0.6400				1			0
011.99	Loss on Drying, High Temp. Methods Miscellaneous (%)	0857	9.450	0.1000				3			0
011.99	Loss on Drying, High Temp. Methods Miscellaneous (%)	2303	9.654	0.1970				3			0
011.99	Loss on Drying, High Temp. Methods Miscellaneous (%)	0852	10.42	0.2200				3			0
012.00	Starch, Polarimetric (Ewers) (%)	2006	27.41	0.1600	37.99	0.8554	0.3092	12	-12.37	14%	0
012.00	Starch, Polarimetric (Ewers) (%)	0689	36.65	0.5000	37.99	0.8554	0.3092	12	-1.56	2%	0
012.00	Starch, Polarimetric (Ewers) (%)	2193	37.29	0.0200	37.99	0.8554	0.3092	12	-0.81	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	2196	37.98	0.0000	37.99	0.8554	0.3092	12	-0.01	0%	0
012.00	Starch, Polarimetric (Ewers) (%)	2192	38.01	0.1200	37.99	0.8554	0.3092	12	0.03	0%	0
012.00	Starch, Polarimetric (Ewers) (%)	0941	38.05	0.5000	37.99	0.8554	0.3092	12	0.07	0%	0
012.00	Starch, Polarimetric (Ewers) (%)	0354	38.17	0.0400	37.99	0.8554	0.3092	12	0.21	0%	0
012.00	Starch, Polarimetric (Ewers) (%)	2188	38.30	0.2000	37.99	0.8554	0.3092	12	0.37	0%	0
012.00	Starch, Polarimetric (Ewers) (%)	2181	38.32	0.7700	37.99	0.8554	0.3092	12	0.38	0%	0
012.00	Starch, Polarimetric (Ewers) (%)	0619	38.45	0.1000	37.99	0.8554	0.3092	12	0.54	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0164	38.60	1.000	37.99	0.8554	0.3092	12	0.72	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0910	39.65	0.3000	37.99	0.8554	0.3092	12	1.94	2%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0918	24.70	0.8540	36.64	2.837	0.7141	11	-4.21	16%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0910	34.15	1.100	36.64	2.837	0.7141	11	-0.88	3%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0870	35.64	0.8600	36.64	2.837	0.7141	11	-0.35	1%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0164	35.85	0.1000	36.64	2.837	0.7141	11	-0.28	1%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0148	36.00	0.1600	36.64	2.837	0.7141	11	-0.22	1%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0956	36.30	1.400	36.64	2.837	0.7141	11	-0.12	0%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0045	36.70	0.2000	36.64	2.837	0.7141	11	0.02	0%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0265	36.90	0.4000	36.64	2.837	0.7141	11	0.09	0%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0693	37.39	1.919	36.64	2.837	0.7141	11	0.27	1%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0885	40.81	0.6420	36.64	2.837	0.7141	11	1.47	6%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	2089	41.68	0.2200	36.64	2.837	0.7141	11	1.78	7%	0
012.03	Starch, Enzymatic-Colorimetric Method, Miscellaneous (%	0297	37.05	0.6700				3			0
012.03	Starch, Enzymatic-Colorimetric Method, Miscellaneous (%	0889	39.22	0.4500				3			0
012.03	Starch, Enzymatic-Colorimetric Method, Miscellaneous (%	0407	39.25	0.2310				3			0
012.04	Starch, Enzymatic-Enzyme Membrane Technology (YSI) (	2129	35.41	0.9020	37.06	1.345	0.5284	5			0

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012.04	Starch, Enzymatic-Enzyme Membrane Technology (YSI) (	0278	36.45	0.5000	37.06	1.345	0.5284	5			0
012.04	Starch, Enzymatic-Enzyme Membrane Technology (YSI) (	0098	36.85	0.5000	37.06	1.345	0.5284	5			0
012.04	Starch, Enzymatic-Enzyme Membrane Technology (YSI) (	0510	37.60	0.4000	37.06	1.345	0.5284	5			0
012.04	Starch, Enzymatic-Enzyme Membrane Technology (YSI) (	0948	39.01	0.3400	37.06	1.345	0.5284	5			0
012.11	Starch, NIR (%)	0889	37.46	0.2500	40.60	2.716	0.2175	4			0
012.11	Starch, NIR (%)	0852	39.27	0.1700	40.60	2.716	0.2175	4			0
012.11	Starch, NIR (%)	2290	42.40	0.2000	40.60	2.716	0.2175	4			0
012.11	Starch, NIR (%)	0297	43.29	0.2500	40.60	2.716	0.2175	4			0
012.20	Starch, Dietary, Enzymatic-Colorimetric (%)	0353	35.97	0.2500				1			0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0083	2.115	0.0100	2.971	0.5604	0.1072	20	-1.53	14%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	2146	2.130	0.1200	2.971	0.5604	0.1072	20	-1.50	14%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0297	2.270	0.0000	2.971	0.5604	0.1072	20	-1.25	12%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	2073	2.370	0.0600	2.971	0.5604	0.1072	20	-1.07	10%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0689	2.600	0.0000	2.971	0.5604	0.1072	20	-0.66	6%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0242	2.665	0.0300	2.971	0.5604	0.1072	20	-0.55	5%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0884	2.700	0.2000	2.971	0.5604	0.1072	20	-0.48	5%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	2144	2.880	0.1400	2.971	0.5604	0.1072	20	-0.16	2%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	2319	3.000	0.0000	2.971	0.5604	0.1072	20	0.05	0%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	2076	3.066	0.1583	2.971	0.5604	0.1072	20	0.17	2%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0309	3.102	0.0395	2.971	0.5604	0.1072	20	0.23	2%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0881	3.130	0.0170	2.971	0.5604	0.1072	20	0.28	3%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0948	3.130	0.0800	2.971	0.5604	0.1072	20	0.28	3%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0652	3.250	0.1000	2.971	0.5604	0.1072	20	0.50	5%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0618	3.260	0.1800	2.971	0.5604	0.1072	20	0.51	5%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0541	3.315	0.4100	2.971	0.5604	0.1072	20	0.61	6%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0910	3.360	0.3200	2.971	0.5604	0.1072	20	0.69	7%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0229	3.660	0.2600	2.971	0.5604	0.1072	20	1.23	12%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0202	3.670	0.0000	2.971	0.5604	0.1072	20	1.25	12%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	2150	3.740	0.0200	2.971	0.5604	0.1072	20	1.37	13%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	2129	1.859	0.9470	2.971	0.5604	0.1072	20	-1.99	19%	1
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	2328	2.240	0.1400	3.393	0.4600	0.1273	19	-2.51	17%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0921	2.701	0.1230	3.393	0.4600	0.1273	19	-1.50	10%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0354	2.935	0.0300	3.393	0.4600	0.1273	19	-0.99	7%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0870	3.080	0.0169	3.393	0.4600	0.1273	19	-0.68	5%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0853	3.100	0.2000	3.393	0.4600	0.1273	19	-0.64	4%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0160	3.150	0.3000	3.393	0.4600	0.1273	19	-0.53	4%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0098	3.155	0.1100	3.393	0.4600	0.1273	19	-0.52	4%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0148	3.215	0.0100	3.393	0.4600	0.1273	19	-0.39	3%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0914	3.320	0.1400	3.393	0.4600	0.1273	19	-0.16	1%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0675	3.390	0.1400	3.393	0.4600	0.1273	19	-0.01	0%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0407	3.420	0.2200	3.393	0.4600	0.1273	19	0.06	0%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0553	3.520	0.1200	3.393	0.4600	0.1273	19	0.28	2%	0

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013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0682	3.650	0.0000	3.393	0.4600	0.1273	19	0.56	4%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0164	3.690	0.1200	3.393	0.4600	0.1273	19	0.65	4%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0074	3.695	0.1900	3.393	0.4600	0.1273	19	0.66	4%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0010	3.850	0.1000	3.393	0.4600	0.1273	19	0.99	7%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0643	3.875	0.0500	3.393	0.4600	0.1273	19	1.05	7%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0171	3.925	0.1700	3.393	0.4600	0.1273	19	1.16	8%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	2259	4.954	0.2390	3.393	0.4600	0.1273	19	3.39	23%	0
013.08	Fat, Base Pretreat, Roese-Gottlieb Modified (%)	0618	1.515	0.1500				1			0
013.10	Fat, Acid Pretreat, Soxtec-Acid Hydrolysis (%)	0036	2.863	0.1203	2.996	0.1502	0.1021	5			0
013.10	Fat, Acid Pretreat, Soxtec-Acid Hydrolysis (%)	0610	2.885	0.0500	2.996	0.1502	0.1021	5			0
013.10	Fat, Acid Pretreat, Soxtec-Acid Hydrolysis (%)	0939	2.920	0.2800	2.996	0.1502	0.1021	5			0
013.10	Fat, Acid Pretreat, Soxtec-Acid Hydrolysis (%)	2196	3.110	0.0000	2.996	0.1502	0.1021	5			0
013.10	Fat, Acid Pretreat, Soxtec-Acid Hydrolysis (%)	0353	3.200	0.0600	2.996	0.1502	0.1021	5			0
013.12	Fat, Acid Pretreat, NIR- Acid Hydrolysis (%)	2290	2.850	0.1000				1			0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0843	3.120	0.0800	3.602	0.6182	0.1514	6	-0.78	7%	0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0876	3.250	0.1000	3.602	0.6182	0.1514	6	-0.57	5%	0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0968	3.295	0.0900	3.602	0.6182	0.1514	6	-0.50	4%	0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0265	3.400	0.1800	3.602	0.6182	0.1514	6	-0.33	3%	0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0407	4.056	0.0182	3.602	0.6182	0.1514	6	0.73	6%	0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0581	4.490	0.4400	3.602	0.6182	0.1514	6	1.44	12%	0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	2216	5.145	1.430	3.602	0.6182	0.1514	6	2.50	21%	1
015.41	Aluminum, ICP, Dry ash (ppm)	0049	132.0	7.380	157.6	17.26	3.672	4			0
015.41	Aluminum, ICP, Dry ash (ppm)	0520	163.0	6.000	157.6	17.26	3.672	4			0
015.41	Aluminum, ICP, Dry ash (ppm)	0407	166.4	1.310	157.6	17.26	3.672	4			0
015.41	Aluminum, ICP, Dry ash (ppm)	0171	169.0	0.0000	157.6	17.26	3.672	4			0
015.42	Aluminum, ICP, Open vessel (ppm)	2129	119.9	43.36				2			0
015.42	Aluminum, ICP, Open vessel (ppm)	0037	131.8	2.900				2			0
015.43	Aluminum, ICP, Microwave (ppm)	0297	156.0	6.000	181.2	23.16	8.669	9	-1.09	7%	0
015.43	Aluminum, ICP, Microwave (ppm)	0510	158.5	3.000	181.2	23.16	8.669	9	-0.98	6%	0
015.43	Aluminum, ICP, Microwave (ppm)	0345	172.5	5.000	181.2	23.16	8.669	9	-0.37	2%	0
015.43	Aluminum, ICP, Microwave (ppm)	0407	174.3	10.56	181.2	23.16	8.669	9	-0.30	2%	0
015.43	Aluminum, ICP, Microwave (ppm)	0169	175.0	0.0000	181.2	23.16	8.669	9	-0.27	2%	0
015.43	Aluminum, ICP, Microwave (ppm)	0425	176.5	15.10	181.2	23.16	8.669	9	-0.20	1%	0
015.43	Aluminum, ICP, Microwave (ppm)	0964	198.0	10.00	181.2	23.16	8.669	9	0.73	5%	0
015.43	Aluminum, ICP, Microwave (ppm)	0918	203.9	3.362	181.2	23.16	8.669	9	0.98	6%	0
015.43	Aluminum, ICP, Microwave (ppm)	0353	239.5	25.00	181.2	23.16	8.669	9	2.52	16%	0
015.52	Aluminum, ICP-MS, Open vessel (ppm)	0560	131.6	0.4000				1			0
015.53	Aluminum, ICP-MS, Microwave (ppm)	0407	159.7	17.61				2			0
015.53	Aluminum, ICP-MS, Microwave (ppm)	0553	195.0	10.00				2			0
017.41	Boron, ICP, Dry ash (ppm)	0358	5.685	0.1700	7.341	1.078	0.8026	5			0
017.41	Boron, ICP, Dry ash (ppm)	0407	6.938	0.2430	7.341	1.078	0.8026	5			0
017.41	Boron, ICP, Dry ash (ppm)	0229	7.695	2.130	7.341	1.078	0.8026	5			0

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017.41	Boron, ICP, Dry ash (ppm)	0226	7.905	0.3100	7.341	1.078	0.8026	5			0
017.41	Boron, ICP, Dry ash (ppm)	0049	8.480	1.160	7.341	1.078	0.8026	5			0
017.42	Boron, ICP, Open vessel (ppm)	0045	6.360	0.2400	6.854	0.6592	0.3700	6	-0.75	4%	0
017.42	Boron, ICP, Open vessel (ppm)	0265	6.410	0.2000	6.854	0.6592	0.3700	6	-0.67	3%	0
017.42	Boron, ICP, Open vessel (ppm)	0037	6.550	0.1000	6.854	0.6592	0.3700	6	-0.46	2%	0
017.42	Boron, ICP, Open vessel (ppm)	0693	6.710	0.6500	6.854	0.6592	0.3700	6	-0.22	1%	0
017.42	Boron, ICP, Open vessel (ppm)	2129	7.251	0.8900	6.854	0.6592	0.3700	6	0.60	3%	0
017.42	Boron, ICP, Open vessel (ppm)	0294	9.130	0.1400	6.854	0.6592	0.3700	6	3.45	17%	0
017.43	Boron, ICP, Microwave (ppm)	0083	6.650	0.1000	8.437	1.723	0.3169	6	-1.04	11%	0
017.43	Boron, ICP, Microwave (ppm)	0345	7.400	0.6000	8.437	1.723	0.3169	6	-0.60	6%	0
017.43	Boron, ICP, Microwave (ppm)	0407	7.684	0.0515	8.437	1.723	0.3169	6	-0.44	4%	0
017.43	Boron, ICP, Microwave (ppm)	0918	8.385	0.1500	8.437	1.723	0.3169	6	-0.03	0%	0
017.43	Boron, ICP, Microwave (ppm)	0510	10.00	0.0000	8.437	1.723	0.3169	6	0.91	9%	0
017.43	Boron, ICP, Microwave (ppm)	0353	10.50	1.000	8.437	1.723	0.3169	6	1.20	12%	0
017.43	Boron, ICP, Microwave (ppm)	0297	0.0000	0.0000	8.437	1.723	0.3169	6			4
017.53	Boron, ICP-MS, Microwave (ppm)	0553	6.055	0.4300				2			0
017.53	Boron, ICP-MS, Microwave (ppm)	0407	7.225	1.080				2			0
019.00	Calcium, Ox-Mn04 Vol. (%)	2181	2.715	0.0500	2.875	0.1564	0.0220	5			0
019.00	Calcium, Ox-Mn04 Vol. (%)	2146	2.795	0.0300	2.875	0.1564	0.0220	5			0
019.00	Calcium, Ox-Mn04 Vol. (%)	0881	2.796	0.0100	2.875	0.1564	0.0220	5			0
019.00	Calcium, Ox-Mn04 Vol. (%)	2144	2.970	0.0200	2.875	0.1564	0.0220	5			0
019.00	Calcium, Ox-Mn04 Vol. (%)	2006	3.100	0.0000	2.875	0.1564	0.0220	5			0
019.00	Calcium, Ox-Mn04 Vol. (%)	2109	2.696	0.1850	2.875	0.1564	0.0220	5			1
019.02	Calcium, Hach Method (%)	0536	2.440	0.0200				1			0
019.03	Calcium, Semiauto (Autoanalyzer) (%)	0036	2.828	0.0002				1			0
019.08	Calcium, EDTA (%)	2200	2.610	0.0200	2.811	0.1380	0.0308	8	-1.46	4%	0
019.08	Calcium, EDTA (%)	2009	2.666	0.0010	2.811	0.1380	0.0308	8	-1.05	3%	0
019.08	Calcium, EDTA (%)	2196	2.790	0.0000	2.811	0.1380	0.0308	8	-0.15	0%	0
019.08	Calcium, EDTA (%)	2193	2.840	0.0600	2.811	0.1380	0.0308	8	0.21	1%	0
019.08	Calcium, EDTA (%)	0885	2.841	0.0255	2.811	0.1380	0.0308	8	0.22	1%	0
019.08	Calcium, EDTA (%)	0689	2.845	0.0300	2.811	0.1380	0.0308	8	0.25	1%	0
019.08	Calcium, EDTA (%)	2199	2.920	0.0800	2.811	0.1380	0.0308	8	0.79	2%	0
019.08	Calcium, EDTA (%)	2188	2.975	0.0300	2.811	0.1380	0.0308	8	1.19	3%	0
019.08	Calcium, EDTA (%)	0590	2.875	0.3700	2.811	0.1380	0.0308	8	0.47	1%	1
019.09	Calcium, Ion-selective electrode (%)	2006	3.210	0.0000				1			0
019.31	Calcium, AAS, Dry ash (%)	2246	2.530	0.0000	2.770	0.1059	0.0421	12	-2.26	4%	0
019.31	Calcium, AAS, Dry ash (%)	0687	2.685	0.0300	2.770	0.1059	0.0421	12	-0.80	2%	0
019.31	Calcium, AAS, Dry ash (%)	0948	2.705	0.0100	2.770	0.1059	0.0421	12	-0.61	1%	0
019.31	Calcium, AAS, Dry ash (%)	0142	2.717	0.0208	2.770	0.1059	0.0421	12	-0.50	1%	0
019.31	Calcium, AAS, Dry ash (%)	0939	2.735	0.0700	2.770	0.1059	0.0421	12	-0.33	1%	0
019.31	Calcium, AAS, Dry ash (%)	2022	2.740	0.0200	2.770	0.1059	0.0421	12	-0.28	1%	0
019.31	Calcium, AAS, Dry ash (%)	0884	2.775	0.0500	2.770	0.1059	0.0421	12	0.05	0%	0

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019.31	Calcium, AAS, Dry ash (%)	0175	2.790	0.0200	2.770	0.1059	0.0421	12	0.19	0%	0
019.31	Calcium, AAS, Dry ash (%)	2196	2.790	0.0000	2.770	0.1059	0.0421	12	0.19	0%	0
019.31	Calcium, AAS, Dry ash (%)	0108	2.835	0.2100	2.770	0.1059	0.0421	12	0.62	1%	0
019.31	Calcium, AAS, Dry ash (%)	0536	2.925	0.0700	2.770	0.1059	0.0421	12	1.47	3%	0
019.31	Calcium, AAS, Dry ash (%)	0001	3.044	0.0040	2.770	0.1059	0.0421	12	2.59	5%	0
019.31	Calcium, AAS, Dry ash (%)	0529	2.820	0.3000	2.770	0.1059	0.0421	12	0.48	1%	1
019.32	Calcium, AAS, Open vessel (%)	0169	2.855	0.0100				1			0
019.33	Calcium, AAS, Microwave (%)	0612	2.905	0.0900				1			0
019.41	Calcium, ICP, Dry ash (%)	0004	2.315	0.0100	2.792	0.1795	0.0944	23	-2.66	9%	0
019.41	Calcium, ICP, Dry ash (%)	0848	2.455	0.3300	2.792	0.1795	0.0944	23	-1.88	6%	0
019.41	Calcium, ICP, Dry ash (%)	0910	2.525	0.1700	2.792	0.1795	0.0944	23	-1.49	5%	0
019.41	Calcium, ICP, Dry ash (%)	0123	2.635	0.0100	2.792	0.1795	0.0944	23	-0.88	3%	0
019.41	Calcium, ICP, Dry ash (%)	0098	2.675	0.1500	2.792	0.1795	0.0944	23	-0.65	2%	0
019.41	Calcium, ICP, Dry ash (%)	0520	2.685	0.1100	2.792	0.1795	0.0944	23	-0.60	2%	0
019.41	Calcium, ICP, Dry ash (%)	0144	2.725	0.0100	2.792	0.1795	0.0944	23	-0.38	1%	0
019.41	Calcium, ICP, Dry ash (%)	0049	2.740	0.0200	2.792	0.1795	0.0944	23	-0.29	1%	0
019.41	Calcium, ICP, Dry ash (%)	0148	2.740	0.1200	2.792	0.1795	0.0944	23	-0.29	1%	0
019.41	Calcium, ICP, Dry ash (%)	0298	2.750	0.0200	2.792	0.1795	0.0944	23	-0.24	1%	0
019.41	Calcium, ICP, Dry ash (%)	0171	2.755	0.0100	2.792	0.1795	0.0944	23	-0.21	1%	0
019.41	Calcium, ICP, Dry ash (%)	0019	2.800	0.1000	2.792	0.1795	0.0944	23	0.04	0%	0
019.41	Calcium, ICP, Dry ash (%)	0229	2.820	0.0600	2.792	0.1795	0.0944	23	0.15	0%	0
019.41	Calcium, ICP, Dry ash (%)	0685	2.825	0.0100	2.792	0.1795	0.0944	23	0.18	1%	0
019.41	Calcium, ICP, Dry ash (%)	0074	2.845	0.0300	2.792	0.1795	0.0944	23	0.29	1%	0
019.41	Calcium, ICP, Dry ash (%)	0226	2.845	0.0500	2.792	0.1795	0.0944	23	0.29	1%	0
019.41	Calcium, ICP, Dry ash (%)	0354	2.845	0.0100	2.792	0.1795	0.0944	23	0.29	1%	0
019.41	Calcium, ICP, Dry ash (%)	0598	2.918	0.0140	2.792	0.1795	0.0944	23	0.70	2%	0
019.41	Calcium, ICP, Dry ash (%)	0358	2.970	0.2600	2.792	0.1795	0.0944	23	0.99	3%	0
019.41	Calcium, ICP, Dry ash (%)	2259	2.976	0.0680	2.792	0.1795	0.0944	23	1.02	3%	0
019.41	Calcium, ICP, Dry ash (%)	0619	2.980	0.1600	2.792	0.1795	0.0944	23	1.05	3%	0
019.41	Calcium, ICP, Dry ash (%)	0066	3.087	0.3700	2.792	0.1795	0.0944	23	1.64	5%	0
019.41	Calcium, ICP, Dry ash (%)	0407	3.316	0.0799	2.792	0.1795	0.0944	23	2.92	9%	0
019.42	Calcium, ICP, Open vessel (%)	2129	2.297	0.2950	2.841	0.1999	0.0881	18	-2.72	10%	0
019.42	Calcium, ICP, Open vessel (%)	0357	2.575	0.0001	2.841	0.1999	0.0881	18	-1.33	5%	0
019.42	Calcium, ICP, Open vessel (%)	2319	2.660	0.1800	2.841	0.1999	0.0881	18	-0.90	3%	0
019.42	Calcium, ICP, Open vessel (%)	0278	2.675	0.0300	2.841	0.1999	0.0881	18	-0.83	3%	0
019.42	Calcium, ICP, Open vessel (%)	0263	2.676	0.0332	2.841	0.1999	0.0881	18	-0.83	3%	0
019.42	Calcium, ICP, Open vessel (%)	0366	2.745	0.0100	2.841	0.1999	0.0881	18	-0.48	2%	0
019.42	Calcium, ICP, Open vessel (%)	0693	2.784	0.3330	2.841	0.1999	0.0881	18	-0.29	1%	0
019.42	Calcium, ICP, Open vessel (%)	0009	2.826	0.0312	2.841	0.1999	0.0881	18	-0.07	0%	0
019.42	Calcium, ICP, Open vessel (%)	0042	2.860	0.0600	2.841	0.1999	0.0881	18	0.10	0%	0
019.42	Calcium, ICP, Open vessel (%)	0265	2.865	0.1500	2.841	0.1999	0.0881	18	0.12	0%	0
019.42	Calcium, ICP, Open vessel (%)	0186	2.884	0.0120	2.841	0.1999	0.0881	18	0.22	1%	0

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019.42	Calcium, ICP, Open vessel (%)	0035	2.890	0.0600	2.841	0.1999	0.0881	18	0.25	1%	0
019.42	Calcium, ICP, Open vessel (%)	0692	2.900	0.0000	2.841	0.1999	0.0881	18	0.30	1%	0
019.42	Calcium, ICP, Open vessel (%)	0294	2.905	0.0900	2.841	0.1999	0.0881	18	0.32	1%	0
019.42	Calcium, ICP, Open vessel (%)	0037	3.000	0.0380	2.841	0.1999	0.0881	18	0.80	3%	0
019.42	Calcium, ICP, Open vessel (%)	0190	3.105	0.0300	2.841	0.1999	0.0881	18	1.32	5%	0
019.42	Calcium, ICP, Open vessel (%)	0870	3.105	0.0440	2.841	0.1999	0.0881	18	1.32	5%	0
019.42	Calcium, ICP, Open vessel (%)	0726	3.215	0.1900	2.841	0.1999	0.0881	18	1.87	7%	0
019.42	Calcium, ICP, Open vessel (%)	0045	2.930	0.6400	2.841	0.1999	0.0881	18	0.45	2%	1
019.43	Calcium, ICP, Microwave (%)	0036	2.382	0.1358	2.789	0.2016	0.0872	28	-2.02	7%	0
019.43	Calcium, ICP, Microwave (%)	0297	2.440	0.1400	2.789	0.2016	0.0872	28	-1.73	6%	0
019.43	Calcium, ICP, Microwave (%)	0968	2.579	0.0420	2.789	0.2016	0.0872	28	-1.04	4%	0
019.43	Calcium, ICP, Microwave (%)	0089	2.580	0.0000	2.789	0.2016	0.0872	28	-1.04	4%	0
019.43	Calcium, ICP, Microwave (%)	2192	2.600	0.2200	2.789	0.2016	0.0872	28	-0.94	3%	0
019.43	Calcium, ICP, Microwave (%)	0675	2.615	0.0300	2.789	0.2016	0.0872	28	-0.86	3%	0
019.43	Calcium, ICP, Microwave (%)	0083	2.670	0.1400	2.789	0.2016	0.0872	28	-0.59	2%	0
019.43	Calcium, ICP, Microwave (%)	0425	2.705	0.0700	2.789	0.2016	0.0872	28	-0.42	2%	0
019.43	Calcium, ICP, Microwave (%)	0006	2.706	0.0500	2.789	0.2016	0.0872	28	-0.41	1%	0
019.43	Calcium, ICP, Microwave (%)	0510	2.710	0.0000	2.789	0.2016	0.0872	28	-0.39	1%	0
019.43	Calcium, ICP, Microwave (%)	0512	2.714	0.0140	2.789	0.2016	0.0872	28	-0.37	1%	0
019.43	Calcium, ICP, Microwave (%)	0010	2.730	0.2800	2.789	0.2016	0.0872	28	-0.29	1%	0
019.43	Calcium, ICP, Microwave (%)	0345	2.735	0.0500	2.789	0.2016	0.0872	28	-0.27	1%	0
019.43	Calcium, ICP, Microwave (%)	0098	2.735	0.0100	2.789	0.2016	0.0872	28	-0.27	1%	0
019.43	Calcium, ICP, Microwave (%)	0505	2.765	0.0100	2.789	0.2016	0.0872	28	-0.12	0%	0
019.43	Calcium, ICP, Microwave (%)	0682	2.770	0.0000	2.789	0.2016	0.0872	28	-0.10	0%	0
019.43	Calcium, ICP, Microwave (%)	0017	2.795	0.1179	2.789	0.2016	0.0872	28	0.03	0%	0
019.43	Calcium, ICP, Microwave (%)	0964	2.830	0.1919	2.789	0.2016	0.0872	28	0.20	1%	0
019.43	Calcium, ICP, Microwave (%)	0027	2.856	0.2400	2.789	0.2016	0.0872	28	0.33	1%	0
019.43	Calcium, ICP, Microwave (%)	0918	2.891	0.0320	2.789	0.2016	0.0872	28	0.51	2%	0
019.43	Calcium, ICP, Microwave (%)	0202	2.910	0.0600	2.789	0.2016	0.0872	28	0.60	2%	0
019.43	Calcium, ICP, Microwave (%)	0035	2.960	0.0000	2.789	0.2016	0.0872	28	0.85	3%	0
019.43	Calcium, ICP, Microwave (%)	2326	2.970	0.2800	2.789	0.2016	0.0872	28	0.90	3%	0
019.43	Calcium, ICP, Microwave (%)	2234	3.000	0.0600	2.789	0.2016	0.0872	28	1.05	4%	0
019.43	Calcium, ICP, Microwave (%)	0870	3.022	0.0820	2.789	0.2016	0.0872	28	1.15	4%	0
019.43	Calcium, ICP, Microwave (%)	2089	3.100	0.1400	2.789	0.2016	0.0872	28	1.54	6%	0
019.43	Calcium, ICP, Microwave (%)	0407	3.114	0.0261	2.789	0.2016	0.0872	28	1.61	6%	0
019.43	Calcium, ICP, Microwave (%)	0353	3.250	0.0200	2.789	0.2016	0.0872	28	2.29	8%	0
019.44	Calcium, ICP, Dry ash (%)	0164	2.700	0.0400				1			0
019.51	Calcium, ICP-MS, Dry ash (%)	2146	2.880	0.0600				1			0
019.52	Calcium, ICP-MS, Open vessel (%)	0560	2.393	0.0923	2.720	0.3290	0.0482	5			0
019.52	Calcium, ICP-MS, Open vessel (%)	0154	2.486	0.0278	2.720	0.3290	0.0482	5			0
019.52	Calcium, ICP-MS, Open vessel (%)	0016	2.735	0.0900	2.720	0.3290	0.0482	5			0
019.52	Calcium, ICP-MS, Open vessel (%)	0186	2.745	0.0310	2.720	0.3290	0.0482	5			0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data Value	Lab Data Range	Method Values Rob Mean	Method Values Robust SD	Method Values R-bar	Method Values # Labs	AAFCO PT Z Score	Threshold %RSD	Flag
019.52	Calcium, ICP-MS, Open vessel (%)	0047	3.240	0.0000	2.720	0.3290	0.0482	5			0
019.53	Calcium, ICP-MS, Microwave (%)	0407	2.537	0.1340	2.686	0.1193	0.1408	5			0
019.53	Calcium, ICP-MS, Microwave (%)	0572	2.590	0.2000	2.686	0.1193	0.1408	5			0
019.53	Calcium, ICP-MS, Microwave (%)	0015	2.720	0.0600	2.686	0.1193	0.1408	5			0
019.53	Calcium, ICP-MS, Microwave (%)	0939	2.765	0.1500	2.686	0.1193	0.1408	5			0
019.53	Calcium, ICP-MS, Microwave (%)	0553	2.820	0.1600	2.686	0.1193	0.1408	5			0
019.99	Calcium, Miscellaneous (%)	0889	2.215	0.0500	2.755	0.3724	0.0180	5			0
019.99	Calcium, Miscellaneous (%)	0242	2.575	0.0100	2.755	0.3724	0.0180	5			0
019.99	Calcium, Miscellaneous (%)	0676	2.830	0.0000	2.755	0.3724	0.0180	5			0
019.99	Calcium, Miscellaneous (%)	2144	2.985	0.0100	2.755	0.3724	0.0180	5			0
019.99	Calcium, Miscellaneous (%)	0100	3.170	0.0200	2.755	0.3724	0.0180	5			0
021.31	Cobalt, AAS, Dry ash (ppm)	0689	1.250	0.1000				3			0
021.31	Cobalt, AAS, Dry ash (ppm)	0164	2.800	0.0000				3			0
021.31	Cobalt, AAS, Dry ash (ppm)	0939	2.990	0.0800				3			0
021.41	Cobalt, ICP, Dry ash (ppm)	0619	1.690	0.5800	2.445	0.4962	0.2624	5			0
021.41	Cobalt, ICP, Dry ash (ppm)	0171	2.205	0.0900	2.445	0.4962	0.2624	5			0
021.41	Cobalt, ICP, Dry ash (ppm)	0407	2.693	0.2049	2.445	0.4962	0.2624	5			0
021.41	Cobalt, ICP, Dry ash (ppm)	0066	2.727	0.3170	2.445	0.4962	0.2624	5			0
021.41	Cobalt, ICP, Dry ash (ppm)	0148	2.910	0.1200	2.445	0.4962	0.2624	5			0
021.42	Cobalt, ICP, Open vessel (ppm)	0693	1.600	0.2660				2			0
021.42	Cobalt, ICP, Open vessel (ppm)	0045	2.595	0.8100				2			0
021.43	Cobalt, ICP, Microwave (ppm)	2234	1.120	0.0600	2.552	0.3544	0.0893	8	**-4.04**	28%	0
021.43	Cobalt, ICP, Microwave (ppm)	0345	2.230	0.1400	2.552	0.3544	0.0893	8	**-0.91**	6%	0
021.43	Cobalt, ICP, Microwave (ppm)	2326	2.375	0.0500	2.552	0.3544	0.0893	8	**-0.50**	3%	0
021.43	Cobalt, ICP, Microwave (ppm)	0964	2.635	0.1700	2.552	0.3544	0.0893	8	**0.23**	2%	0
021.43	Cobalt, ICP, Microwave (ppm)	0407	2.648	0.2544	2.552	0.3544	0.0893	8	**0.27**	2%	0
021.43	Cobalt, ICP, Microwave (ppm)	0169	2.780	0.0000	2.552	0.3544	0.0893	8	**0.64**	4%	0
021.43	Cobalt, ICP, Microwave (ppm)	0510	2.830	0.0400	2.552	0.3544	0.0893	8	**0.78**	5%	0
021.43	Cobalt, ICP, Microwave (ppm)	0682	2.900	0.0000	2.552	0.3544	0.0893	8	**0.98**	7%	0
021.43	Cobalt, ICP, Microwave (ppm)	0353	3.315	0.8668	2.552	0.3544	0.0893	8	**2.15**	15%	1
021.52	Cobalt, ICP-MS, Open vessel (ppm)	0047	1.740	0.0800	2.174	0.2794	0.2400	5			0
021.52	Cobalt, ICP-MS, Open vessel (ppm)	0186	2.170	0.0800	2.174	0.2794	0.2400	5			0
021.52	Cobalt, ICP-MS, Open vessel (ppm)	0016	2.185	0.4700	2.174	0.2794	0.2400	5			0
021.52	Cobalt, ICP-MS, Open vessel (ppm)	0560	2.260	0.2400	2.174	0.2794	0.2400	5			0
021.52	Cobalt, ICP-MS, Open vessel (ppm)	0910	2.515	0.3300	2.174	0.2794	0.2400	5			0
021.53	Cobalt, ICP-MS, Microwave (ppm)	0407	2.390	0.5225	2.580	0.2204	0.4139	4			0
021.53	Cobalt, ICP-MS, Microwave (ppm)	0918	2.411	0.1932	2.580	0.2204	0.4139	4			0
021.53	Cobalt, ICP-MS, Microwave (ppm)	0939	2.670	0.5000	2.580	0.2204	0.4139	4			0
021.53	Cobalt, ICP-MS, Microwave (ppm)	0553	2.850	0.4400	2.580	0.2204	0.4139	4			0
022.31	Copper, AAS, Dry ash (ppm)	2246	84.30	0.3800	98.44	5.685	2.357	12	**-2.49**	7%	0
022.31	Copper, AAS, Dry ash (ppm)	0001	92.66	1.210	98.44	5.685	2.357	12	**-1.02**	3%	0
022.31	Copper, AAS, Dry ash (ppm)	0921	93.90	7.200	98.44	5.685	2.357	12	**-0.80**	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data Value	Lab Data Range	Method Values Rob Mean	Method Values Robust SD	Method Values R-bar	Method Values # Labs	AAFCO PT Z Score	Threshold %RSD	Flag
022.31	Copper, AAS, Dry ash (ppm)	0536	94.18	1.320	98.44	5.685	2.357	12	-0.75	2%	0
022.31	Copper, AAS, Dry ash (ppm)	0939	97.14	0.0700	98.44	5.685	2.357	12	-0.23	1%	0
022.31	Copper, AAS, Dry ash (ppm)	2022	98.00	2.000	98.44	5.685	2.357	12	-0.08	0%	0
022.31	Copper, AAS, Dry ash (ppm)	0689	100.1	4.000	98.44	5.685	2.357	12	0.29	1%	0
022.31	Copper, AAS, Dry ash (ppm)	0529	102.0	10.70	98.44	5.685	2.357	12	0.62	2%	0
022.31	Copper, AAS, Dry ash (ppm)	0175	102.0	0.0000	98.44	5.685	2.357	12	0.63	2%	0
022.31	Copper, AAS, Dry ash (ppm)	2146	102.2	0.8000	98.44	5.685	2.357	12	0.66	2%	0
022.31	Copper, AAS, Dry ash (ppm)	2196	102.3	0.0000	98.44	5.685	2.357	12	0.68	2%	0
022.31	Copper, AAS, Dry ash (ppm)	2188	131.5	0.6000	98.44	5.685	2.357	12	5.81	17%	0
022.33	Copper, AAS, Microwave (ppm)	0948	90.83	4.610				2			0
022.33	Copper, AAS, Microwave (ppm)	0010	109.6	5.700				2			0
022.41	Copper, ICP, Dry ash (ppm)	0004	83.63	2.630	94.18	6.183	2.868	16	-1.71	6%	0
022.41	Copper, ICP, Dry ash (ppm)	0049	87.77	5.920	94.18	6.183	2.868	16	-1.04	3%	0
022.41	Copper, ICP, Dry ash (ppm)	0358	88.40	3.120	94.18	6.183	2.868	16	-0.93	3%	0
022.41	Copper, ICP, Dry ash (ppm)	0148	88.48	4.087	94.18	6.183	2.868	16	-0.92	3%	0
022.41	Copper, ICP, Dry ash (ppm)	0520	89.00	8.000	94.18	6.183	2.868	16	-0.84	3%	0
022.41	Copper, ICP, Dry ash (ppm)	0171	91.95	2.500	94.18	6.183	2.868	16	-0.36	1%	0
022.41	Copper, ICP, Dry ash (ppm)	0354	92.04	0.3400	94.18	6.183	2.868	16	-0.35	1%	0
022.41	Copper, ICP, Dry ash (ppm)	0598	94.04	4.140	94.18	6.183	2.868	16	-0.02	0%	0
022.41	Copper, ICP, Dry ash (ppm)	0407	95.72	2.228	94.18	6.183	2.868	16	0.25	1%	0
022.41	Copper, ICP, Dry ash (ppm)	0226	96.86	0.6500	94.18	6.183	2.868	16	0.43	1%	0
022.41	Copper, ICP, Dry ash (ppm)	0019	97.46	3.690	94.18	6.183	2.868	16	0.53	2%	0
022.41	Copper, ICP, Dry ash (ppm)	0848	97.46	2.680	94.18	6.183	2.868	16	0.53	2%	0
022.41	Copper, ICP, Dry ash (ppm)	0619	97.80	0.0000	94.18	6.183	2.868	16	0.59	2%	0
022.41	Copper, ICP, Dry ash (ppm)	0098	100.5	0.8000	94.18	6.183	2.868	16	1.02	3%	0
022.41	Copper, ICP, Dry ash (ppm)	0074	101.0	0.0000	94.18	6.183	2.868	16	1.10	4%	0
022.41	Copper, ICP, Dry ash (ppm)	0229	106.9	5.100	94.18	6.183	2.868	16	2.05	7%	0
022.41	Copper, ICP, Dry ash (ppm)	0910	90.50	17.00	94.18	6.183	2.868	16	-0.59	2%	1
022.42	Copper, ICP, Open vessel (ppm)	0263	90.98	0.1400	104.4	7.774	4.303	20	-1.73	6%	0
022.42	Copper, ICP, Open vessel (ppm)	2129	91.05	18.50	104.4	7.774	4.303	20	-1.72	6%	0
022.42	Copper, ICP, Open vessel (ppm)	0726	95.16	6.910	104.4	7.774	4.303	20	-1.19	4%	0
022.42	Copper, ICP, Open vessel (ppm)	0357	99.31	2.291	104.4	7.774	4.303	20	-0.65	2%	0
022.42	Copper, ICP, Open vessel (ppm)	0692	100.0	4.000	104.4	7.774	4.303	20	-0.57	2%	0
022.42	Copper, ICP, Open vessel (ppm)	0186	100.5	1.000	104.4	7.774	4.303	20	-0.50	2%	0
022.42	Copper, ICP, Open vessel (ppm)	2319	102.0	2.000	104.4	7.774	4.303	20	-0.31	1%	0
022.42	Copper, ICP, Open vessel (ppm)	0278	102.3	5.700	104.4	7.774	4.303	20	-0.28	1%	0
022.42	Copper, ICP, Open vessel (ppm)	0190	102.7	1.770	104.4	7.774	4.303	20	-0.22	1%	0
022.42	Copper, ICP, Open vessel (ppm)	0693	104.0	4.215	104.4	7.774	4.303	20	-0.05	0%	0
022.42	Copper, ICP, Open vessel (ppm)	0035	104.5	5.000	104.4	7.774	4.303	20	0.01	0%	0
022.42	Copper, ICP, Open vessel (ppm)	0366	105.0	14.00	104.4	7.774	4.303	20	0.08	0%	0
022.42	Copper, ICP, Open vessel (ppm)	0265	105.5	1.000	104.4	7.774	4.303	20	0.14	1%	0
022.42	Copper, ICP, Open vessel (ppm)	0685	105.9	0.0100	104.4	7.774	4.303	20	0.20	1%	0

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022.42	Copper, ICP, Open vessel (ppm)	0009	108.2	0.1700	104.4	7.774	4.303	20	0.49	2%	0
022.42	Copper, ICP, Open vessel (ppm)	0045	109.5	3.000	104.4	7.774	4.303	20	0.66	2%	0
022.42	Copper, ICP, Open vessel (ppm)	0042	111.5	9.000	104.4	7.774	4.303	20	0.91	3%	0
022.42	Copper, ICP, Open vessel (ppm)	0294	114.2	0.8500	104.4	7.774	4.303	20	1.26	5%	0
022.42	Copper, ICP, Open vessel (ppm)	0870	117.5	6.100	104.4	7.774	4.303	20	1.68	6%	0
022.42	Copper, ICP, Open vessel (ppm)	0037	117.9	0.4000	104.4	7.774	4.303	20	1.74	6%	0
022.43	Copper, ICP, Microwave (ppm)	2234	93.23	8.510	101.5	5.683	4.184	24	-1.45	4%	0
022.43	Copper, ICP, Microwave (ppm)	0169	94.30	0.6000	101.5	5.683	4.184	24	-1.26	4%	0
022.43	Copper, ICP, Microwave (ppm)	0202	95.35	0.3000	101.5	5.683	4.184	24	-1.08	3%	0
022.43	Copper, ICP, Microwave (ppm)	0345	96.65	0.7000	101.5	5.683	4.184	24	-0.85	2%	0
022.43	Copper, ICP, Microwave (ppm)	0512	96.96	0.2200	101.5	5.683	4.184	24	-0.80	2%	0
022.43	Copper, ICP, Microwave (ppm)	0297	97.00	0.0000	101.5	5.683	4.184	24	-0.79	2%	0
022.43	Copper, ICP, Microwave (ppm)	0017	98.36	2.153	101.5	5.683	4.184	24	-0.55	2%	0
022.43	Copper, ICP, Microwave (ppm)	0083	98.50	3.000	101.5	5.683	4.184	24	-0.53	1%	0
022.43	Copper, ICP, Microwave (ppm)	0425	99.05	6.710	101.5	5.683	4.184	24	-0.43	1%	0
022.43	Copper, ICP, Microwave (ppm)	0505	99.94	10.93	101.5	5.683	4.184	24	-0.27	1%	0
022.43	Copper, ICP, Microwave (ppm)	0918	100.2	2.430	101.5	5.683	4.184	24	-0.22	1%	0
022.43	Copper, ICP, Microwave (ppm)	2089	100.3	6.100	101.5	5.683	4.184	24	-0.20	1%	0
022.43	Copper, ICP, Microwave (ppm)	0968	101.5	1.000	101.5	5.683	4.184	24	0.00	0%	0
022.43	Copper, ICP, Microwave (ppm)	0027	101.5	4.838	101.5	5.683	4.184	24	0.01	0%	0
022.43	Copper, ICP, Microwave (ppm)	0035	102.5	3.000	101.5	5.683	4.184	24	0.18	0%	0
022.43	Copper, ICP, Microwave (ppm)	0407	102.7	8.165	101.5	5.683	4.184	24	0.22	1%	0
022.43	Copper, ICP, Microwave (ppm)	0964	103.0	4.100	101.5	5.683	4.184	24	0.26	1%	0
022.43	Copper, ICP, Microwave (ppm)	0353	103.0	16.00	101.5	5.683	4.184	24	0.27	1%	0
022.43	Copper, ICP, Microwave (ppm)	0682	105.6	0.0000	101.5	5.683	4.184	24	0.72	2%	0
022.43	Copper, ICP, Microwave (ppm)	0098	108.0	4.700	101.5	5.683	4.184	24	1.14	3%	0
022.43	Copper, ICP, Microwave (ppm)	2326	108.0	8.000	101.5	5.683	4.184	24	1.15	3%	0
022.43	Copper, ICP, Microwave (ppm)	0510	111.0	4.000	101.5	5.683	4.184	24	1.67	5%	0
022.43	Copper, ICP, Microwave (ppm)	0870	112.6	4.600	101.5	5.683	4.184	24	1.96	5%	0
022.43	Copper, ICP, Microwave (ppm)	0675	119.0	0.3600	101.5	5.683	4.184	24	3.09	9%	0
022.43	Copper, ICP, Microwave (ppm)	2192	124.0	46.00	101.5	5.683	4.184	24	3.96	11%	1
022.44	Copper, ICP, Dry ash (ppm)	0164	94.00	0.0000				2			0
022.44	Copper, ICP, Dry ash (ppm)	0066	107.4	5.410				2			0
022.52	Copper, ICP-MS, Open vessel (ppm)	0560	90.10	14.80	97.22	5.882	13.54	4			0
022.52	Copper, ICP-MS, Open vessel (ppm)	0016	96.80	14.40	97.22	5.882	13.54	4			0
022.52	Copper, ICP-MS, Open vessel (ppm)	0186	97.50	5.000	97.22	5.882	13.54	4			0
022.52	Copper, ICP-MS, Open vessel (ppm)	0047	104.5	19.96	97.22	5.882	13.54	4			0
022.53	Copper, ICP-MS, Microwave (ppm)	0572	86.15	4.700	97.63	8.864	4.322	6	-1.30	6%	0
022.53	Copper, ICP-MS, Microwave (ppm)	0553	91.80	3.000	97.63	8.864	4.322	6	-0.66	3%	0
022.53	Copper, ICP-MS, Microwave (ppm)	0407	95.96	8.783	97.63	8.864	4.322	6	-0.19	1%	0
022.53	Copper, ICP-MS, Microwave (ppm)	0939	100.8	6.400	97.63	8.864	4.322	6	0.36	2%	0
022.53	Copper, ICP-MS, Microwave (ppm)	0015	104.6	2.049	97.63	8.864	4.322	6	0.78	4%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data Value	Lab Data Range	Method Values Rob Mean	Method Values Robust SD	Method Values R-bar	Method Values # Labs	AAFCO PT Z Score	Threshold %RSD	Flag
022.53	Copper, ICP-MS, Microwave (ppm)	0033	106.5	1.000	97.63	8.864	4.322	6	1.00	5%	0
022.99	Copper, Miscellaneous (ppm)	0242	93.50	1.000				2			0
022.99	Copper, Miscellaneous (ppm)	0100	118.5	3.000				2			0
024.52	Iodine, ICP-MS, Open vessel (ppm)	0910	5.377	2.525				1			0
024.53	Iodine, ICP-MS, Microwave (ppm)	2058	6.425	0.8500				1			0
025.31	Iron, AAS, Dry ash (ppm)	0689	702.3	15.00	844.5	42.21	13.21	11	-3.37	8%	0
025.31	Iron, AAS, Dry ash (ppm)	0529	798.6	12.90	844.5	42.21	13.21	11	-1.09	3%	0
025.31	Iron, AAS, Dry ash (ppm)	2146	823.9	23.00	844.5	42.21	13.21	11	-0.49	1%	0
025.31	Iron, AAS, Dry ash (ppm)	2022	825.0	14.00	844.5	42.21	13.21	11	-0.46	1%	0
025.31	Iron, AAS, Dry ash (ppm)	0175	833.5	17.00	844.5	42.21	13.21	11	-0.26	1%	0
025.31	Iron, AAS, Dry ash (ppm)	2188	836.2	2.190	844.5	42.21	13.21	11	-0.20	0%	0
025.31	Iron, AAS, Dry ash (ppm)	2196	860.4	0.0000	844.5	42.21	13.21	11	0.38	1%	0
025.31	Iron, AAS, Dry ash (ppm)	0939	863.7	15.19	844.5	42.21	13.21	11	0.45	1%	0
025.31	Iron, AAS, Dry ash (ppm)	0505	881.9	29.50	844.5	42.21	13.21	11	0.89	2%	0
025.31	Iron, AAS, Dry ash (ppm)	0536	885.3	7.600	844.5	42.21	13.21	11	0.97	2%	0
025.31	Iron, AAS, Dry ash (ppm)	0001	899.9	8.900	844.5	42.21	13.21	11	1.31	3%	0
025.31	Iron, AAS, Dry ash (ppm)	2246	711.1	81.33	844.5	42.21	13.21	11	-3.16	8%	1
025.41	Iron, ICP, Dry ash (ppm)	0226	628.0	8.600	803.3	86.87	16.31	19	-2.02	11%	0
025.41	Iron, ICP, Dry ash (ppm)	0619	649.9	6.590	803.3	86.87	16.31	19	-1.77	10%	0
025.41	Iron, ICP, Dry ash (ppm)	0598	704.3	1.500	803.3	86.87	16.31	19	-1.14	6%	0
025.41	Iron, ICP, Dry ash (ppm)	0354	725.4	2.600	803.3	86.87	16.31	19	-0.90	5%	0
025.41	Iron, ICP, Dry ash (ppm)	0123	738.0	4.000	803.3	86.87	16.31	19	-0.75	4%	0
025.41	Iron, ICP, Dry ash (ppm)	0520	754.0	42.00	803.3	86.87	16.31	19	-0.57	3%	0
025.41	Iron, ICP, Dry ash (ppm)	0004	758.5	33.88	803.3	86.87	16.31	19	-0.52	3%	0
025.41	Iron, ICP, Dry ash (ppm)	0910	795.5	1.000	803.3	86.87	16.31	19	-0.09	0%	0
025.41	Iron, ICP, Dry ash (ppm)	0407	796.9	10.85	803.3	86.87	16.31	19	-0.07	0%	0
025.41	Iron, ICP, Dry ash (ppm)	0098	811.7	0.2000	803.3	86.87	16.31	19	0.10	1%	0
025.41	Iron, ICP, Dry ash (ppm)	0171	838.5	9.000	803.3	86.87	16.31	19	0.40	2%	0
025.41	Iron, ICP, Dry ash (ppm)	0066	838.9	20.62	803.3	86.87	16.31	19	0.41	2%	0
025.41	Iron, ICP, Dry ash (ppm)	0019	844.9	18.80	803.3	86.87	16.31	19	0.48	3%	0
025.41	Iron, ICP, Dry ash (ppm)	0164	859.0	12.00	803.3	86.87	16.31	19	0.64	3%	0
025.41	Iron, ICP, Dry ash (ppm)	0049	870.3	24.39	803.3	86.87	16.31	19	0.77	4%	0
025.41	Iron, ICP, Dry ash (ppm)	0358	878.7	7.860	803.3	86.87	16.31	19	0.87	5%	0
025.41	Iron, ICP, Dry ash (ppm)	0074	882.5	25.00	803.3	86.87	16.31	19	0.91	5%	0
025.41	Iron, ICP, Dry ash (ppm)	0148	898.0	48.25	803.3	86.87	16.31	19	1.09	6%	0
025.41	Iron, ICP, Dry ash (ppm)	0229	922.4	32.70	803.3	86.87	16.31	19	1.37	7%	0
025.42	Iron, ICP, Open vessel (ppm)	0278	311.0	22.00	772.1	121.3	41.09	15	-3.80	30%	0
025.42	Iron, ICP, Open vessel (ppm)	0265	324.0	22.00	772.1	121.3	41.09	15	-3.69	29%	0
025.42	Iron, ICP, Open vessel (ppm)	0726	612.3	68.00	772.1	121.3	41.09	15	-1.32	10%	0
025.42	Iron, ICP, Open vessel (ppm)	0294	651.8	14.86	772.1	121.3	41.09	15	-0.99	8%	0
025.42	Iron, ICP, Open vessel (ppm)	0037	786.3	72.10	772.1	121.3	41.09	15	0.12	1%	0
025.42	Iron, ICP, Open vessel (ppm)	0263	788.2	3.490	772.1	121.3	41.09	15	0.13	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data Value	Lab Data Range	Method Values Rob Mean	Method Values Robust SD	Method Values R-bar	Method Values # Labs	AAFCO PT Z Score	Threshold %RSD	Flag
025.42	Iron, ICP, Open vessel (ppm)	2319	803.0	4.000	772.1	121.3	41.09	15	0.25	2%	0
025.42	Iron, ICP, Open vessel (ppm)	0693	803.6	34.25	772.1	121.3	41.09	15	0.26	2%	0
025.42	Iron, ICP, Open vessel (ppm)	0190	806.0	10.19	772.1	121.3	41.09	15	0.28	2%	0
025.42	Iron, ICP, Open vessel (ppm)	2129	828.0	97.10	772.1	121.3	41.09	15	0.46	4%	0
025.42	Iron, ICP, Open vessel (ppm)	0045	830.5	51.00	772.1	121.3	41.09	15	0.48	4%	0
025.42	Iron, ICP, Open vessel (ppm)	0870	830.8	21.40	772.1	121.3	41.09	15	0.48	4%	0
025.42	Iron, ICP, Open vessel (ppm)	0692	873.0	122.0	772.1	121.3	41.09	15	0.83	7%	0
025.42	Iron, ICP, Open vessel (ppm)	0366	877.0	16.00	772.1	121.3	41.09	15	0.86	7%	0
025.42	Iron, ICP, Open vessel (ppm)	0035	911.0	58.00	772.1	121.3	41.09	15	1.14	9%	0
025.42	Iron, ICP, Open vessel (ppm)	0042	698.0	310.0	772.1	121.3	41.09	15	-0.61	5%	1
025.43	Iron, ICP, Microwave (ppm)	0006	80.50	7.000	831.8	94.49	29.84	24	-7.95	45%	0
025.43	Iron, ICP, Microwave (ppm)	2234	497.0	83.60	831.8	94.49	29.84	24	-3.54	20%	0
025.43	Iron, ICP, Microwave (ppm)	2089	683.7	51.61	831.8	94.49	29.84	24	-1.57	9%	0
025.43	Iron, ICP, Microwave (ppm)	0345	709.5	15.00	831.8	94.49	29.84	24	-1.29	7%	0
025.43	Iron, ICP, Microwave (ppm)	0675	740.5	14.64	831.8	94.49	29.84	24	-0.97	5%	0
025.43	Iron, ICP, Microwave (ppm)	0169	785.0	6.000	831.8	94.49	29.84	24	-0.49	3%	0
025.43	Iron, ICP, Microwave (ppm)	0918	792.3	12.57	831.8	94.49	29.84	24	-0.42	2%	0
025.43	Iron, ICP, Microwave (ppm)	0297	797.5	41.00	831.8	94.49	29.84	24	-0.36	2%	0
025.43	Iron, ICP, Microwave (ppm)	0512	821.2	103.1	831.8	94.49	29.84	24	-0.11	1%	0
025.43	Iron, ICP, Microwave (ppm)	0425	824.5	32.40	831.8	94.49	29.84	24	-0.08	0%	0
025.43	Iron, ICP, Microwave (ppm)	0964	826.3	1.500	831.8	94.49	29.84	24	-0.06	0%	0
025.43	Iron, ICP, Microwave (ppm)	0968	828.0	10.00	831.8	94.49	29.84	24	-0.04	0%	0
025.43	Iron, ICP, Microwave (ppm)	0083	847.5	3.000	831.8	94.49	29.84	24	0.17	1%	0
025.43	Iron, ICP, Microwave (ppm)	0353	852.0	16.00	831.8	94.49	29.84	24	0.21	1%	0
025.43	Iron, ICP, Microwave (ppm)	0407	857.5	68.29	831.8	94.49	29.84	24	0.27	2%	0
025.43	Iron, ICP, Microwave (ppm)	0098	862.5	15.20	831.8	94.49	29.84	24	0.33	2%	0
025.43	Iron, ICP, Microwave (ppm)	0510	874.0	2.000	831.8	94.49	29.84	24	0.45	3%	0
025.43	Iron, ICP, Microwave (ppm)	0870	890.3	50.00	831.8	94.49	29.84	24	0.62	4%	0
025.43	Iron, ICP, Microwave (ppm)	2192	900.5	35.00	831.8	94.49	29.84	24	0.73	4%	0
025.43	Iron, ICP, Microwave (ppm)	0035	904.0	12.00	831.8	94.49	29.84	24	0.76	4%	0
025.43	Iron, ICP, Microwave (ppm)	0017	919.5	62.16	831.8	94.49	29.84	24	0.93	5%	0
025.43	Iron, ICP, Microwave (ppm)	0682	920.9	0.0000	831.8	94.49	29.84	24	0.94	5%	0
025.43	Iron, ICP, Microwave (ppm)	0202	965.5	73.00	831.8	94.49	29.84	24	1.42	8%	0
025.43	Iron, ICP, Microwave (ppm)	2326	976.5	1.000	831.8	94.49	29.84	24	1.53	9%	0
025.52	Iron, ICP-MS, Open vessel (ppm)	0047	402.1	19.30				2			0
025.52	Iron, ICP-MS, Open vessel (ppm)	0016	511.5	9.000				2			0
025.53	Iron, ICP-MS, Microwave (ppm)	0553	800.5	19.00	865.1	43.72	10.34	4			0
025.53	Iron, ICP-MS, Microwave (ppm)	0015	876.5	1.850	865.1	43.72	10.34	4			0
025.53	Iron, ICP-MS, Microwave (ppm)	0939	888.5	3.000	865.1	43.72	10.34	4			0
025.53	Iron, ICP-MS, Microwave (ppm)	0027	894.8	17.53	865.1	43.72	10.34	4			0
025.53	Iron, ICP-MS, Microwave (ppm)	0407	794.6	95.82	865.1	43.72	10.34	4			1
025.99	Iron, Miscellaneous (ppm)	2144	788.7	21.40				3			0

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025.99	Iron, Miscellaneous (ppm)	0242	806.0	8.000				3			0
025.99	Iron, Miscellaneous (ppm)	0100	924.0	64.00				3			0
027.31	Magnesium, AAS, Dry ash (%)	0529	0.2725	0.0110	0.2891	0.0155	0.0036	9	-1.07	3%	0
027.31	Magnesium, AAS, Dry ash (%)	0689	0.2750	0.0100	0.2891	0.0155	0.0036	9	-0.91	2%	0
027.31	Magnesium, AAS, Dry ash (%)	0142	0.2784	0.0019	0.2891	0.0155	0.0036	9	-0.69	2%	0
027.31	Magnesium, AAS, Dry ash (%)	0939	0.2800	0.0000	0.2891	0.0155	0.0036	9	-0.59	2%	0
027.31	Magnesium, AAS, Dry ash (%)	0001	0.2883	0.0026	0.2891	0.0155	0.0036	9	-0.05	0%	0
027.31	Magnesium, AAS, Dry ash (%)	2022	0.2955	0.0070	0.2891	0.0155	0.0036	9	0.41	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0536	0.3000	0.0000	0.2891	0.0155	0.0036	9	0.70	2%	0
027.31	Magnesium, AAS, Dry ash (%)	2196	0.3000	0.0000	0.2891	0.0155	0.0036	9	0.70	2%	0
027.31	Magnesium, AAS, Dry ash (%)	2246	0.3500	0.0000	0.2891	0.0155	0.0036	9	3.93	11%	0
027.31	Magnesium, AAS, Dry ash (%)	0175	0.2850	0.0300	0.2891	0.0155	0.0036	9	-0.27	1%	1
027.32	Magnesium, AAS, Open vessel (%)	0169	0.2650	0.0100				1			0
027.33	Magnesium, AAS, Microwave (%)	0948	0.2970	0.0020				2			0
027.33	Magnesium, AAS, Microwave (%)	2178	0.3050	0.0500				2			0
027.41	Magnesium, ICP, Dry ash (%)	0407	0.2430	0.0027	0.2805	0.0177	0.0065	17	-2.12	7%	0
027.41	Magnesium, ICP, Dry ash (%)	0049	0.2600	0.0000	0.2805	0.0177	0.0065	17	-1.16	4%	0
027.41	Magnesium, ICP, Dry ash (%)	0098	0.2600	0.0000	0.2805	0.0177	0.0065	17	-1.16	4%	0
027.41	Magnesium, ICP, Dry ash (%)	0520	0.2650	0.0100	0.2805	0.0177	0.0065	17	-0.88	3%	0
027.41	Magnesium, ICP, Dry ash (%)	0226	0.2700	0.0000	0.2805	0.0177	0.0065	17	-0.59	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0004	0.2750	0.0100	0.2805	0.0177	0.0065	17	-0.31	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0019	0.2750	0.0100	0.2805	0.0177	0.0065	17	-0.31	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0598	0.2772	0.0028	0.2805	0.0177	0.0065	17	-0.19	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0171	0.2810	0.0020	0.2805	0.0177	0.0065	17	0.03	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0229	0.2850	0.0100	0.2805	0.0177	0.0065	17	0.25	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0910	0.2850	0.0100	0.2805	0.0177	0.0065	17	0.25	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0148	0.2880	0.0020	0.2805	0.0177	0.0065	17	0.42	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0074	0.2890	0.0020	0.2805	0.0177	0.0065	17	0.48	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0066	0.2970	0.0240	0.2805	0.0177	0.0065	17	0.93	3%	0
027.41	Magnesium, ICP, Dry ash (%)	0619	0.2975	0.0050	0.2805	0.0177	0.0065	17	0.96	3%	0
027.41	Magnesium, ICP, Dry ash (%)	0354	0.3050	0.0100	0.2805	0.0177	0.0065	17	1.38	4%	0
027.41	Magnesium, ICP, Dry ash (%)	0358	0.3050	0.0100	0.2805	0.0177	0.0065	17	1.38	4%	0
027.42	Magnesium, ICP, Open vessel (%)	2129	0.2455	0.0270	0.2847	0.0140	0.0147	20	-2.81	7%	0
027.42	Magnesium, ICP, Open vessel (%)	0263	0.2641	0.0038	0.2847	0.0140	0.0147	20	-1.47	4%	0
027.42	Magnesium, ICP, Open vessel (%)	0870	0.2700	0.0179	0.2847	0.0140	0.0147	20	-1.05	3%	0
027.42	Magnesium, ICP, Open vessel (%)	0294	0.2750	0.0100	0.2847	0.0140	0.0147	20	-0.69	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0726	0.2750	0.0100	0.2847	0.0140	0.0147	20	-0.69	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0357	0.2774	0.0061	0.2847	0.0140	0.0147	20	-0.52	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0186	0.2775	0.0090	0.2847	0.0140	0.0147	20	-0.51	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0265	0.2800	0.0000	0.2847	0.0140	0.0147	20	-0.33	1%	0
027.42	Magnesium, ICP, Open vessel (%)	2319	0.2800	0.0000	0.2847	0.0140	0.0147	20	-0.33	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0190	0.2850	0.0100	0.2847	0.0140	0.0147	20	0.02	0%	0

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027.42	Magnesium, ICP, Open vessel (%)	0366	0.2850	0.0300	0.2847	0.0140	0.0147	20	0.02	0%	0
027.42	Magnesium, ICP, Open vessel (%)	0685	0.2850	0.0100	0.2847	0.0140	0.0147	20	0.02	0%	0
027.42	Magnesium, ICP, Open vessel (%)	0278	0.2900	0.0000	0.2847	0.0140	0.0147	20	0.38	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0692	0.2900	0.0600	0.2847	0.0140	0.0147	20	0.38	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0037	0.2915	0.0010	0.2847	0.0140	0.0147	20	0.49	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0009	0.2957	0.0150	0.2847	0.0140	0.0147	20	0.79	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0035	0.3000	0.0000	0.2847	0.0140	0.0147	20	1.10	3%	0
027.42	Magnesium, ICP, Open vessel (%)	0693	0.3010	0.0280	0.2847	0.0140	0.0147	20	1.17	3%	0
027.42	Magnesium, ICP, Open vessel (%)	0042	0.3020	0.0080	0.2847	0.0140	0.0147	20	1.24	3%	0
027.42	Magnesium, ICP, Open vessel (%)	0045	0.3130	0.0480	0.2847	0.0140	0.0147	20	2.03	5%	0
027.43	Magnesium, ICP, Microwave (%)	0353	0.2400	0.0200	0.2775	0.0145	0.0061	22	-2.59	7%	0
027.43	Magnesium, ICP, Microwave (%)	0297	0.2550	0.0100	0.2775	0.0145	0.0061	22	-1.55	4%	0
027.43	Magnesium, ICP, Microwave (%)	0083	0.2600	0.0000	0.2775	0.0145	0.0061	22	-1.21	3%	0
027.43	Magnesium, ICP, Microwave (%)	0407	0.2623	0.0080	0.2775	0.0145	0.0061	22	-1.05	3%	0
027.43	Magnesium, ICP, Microwave (%)	0089	0.2700	0.0000	0.2775	0.0145	0.0061	22	-0.51	1%	0
027.43	Magnesium, ICP, Microwave (%)	0425	0.2700	0.0000	0.2775	0.0145	0.0061	22	-0.51	1%	0
027.43	Magnesium, ICP, Microwave (%)	0345	0.2745	0.0030	0.2775	0.0145	0.0061	22	-0.20	1%	0
027.43	Magnesium, ICP, Microwave (%)	0968	0.2745	0.0010	0.2775	0.0145	0.0061	22	-0.20	1%	0
027.43	Magnesium, ICP, Microwave (%)	0964	0.2748	0.0176	0.2775	0.0145	0.0061	22	-0.18	0%	0
027.43	Magnesium, ICP, Microwave (%)	0098	0.2750	0.0100	0.2775	0.0145	0.0061	22	-0.17	0%	0
027.43	Magnesium, ICP, Microwave (%)	0202	0.2750	0.0100	0.2775	0.0145	0.0061	22	-0.17	0%	0
027.43	Magnesium, ICP, Microwave (%)	0505	0.2750	0.0100	0.2775	0.0145	0.0061	22	-0.17	0%	0
027.43	Magnesium, ICP, Microwave (%)	0870	0.2791	0.0106	0.2775	0.0145	0.0061	22	0.11	0%	0
027.43	Magnesium, ICP, Microwave (%)	0510	0.2800	0.0000	0.2775	0.0145	0.0061	22	0.18	0%	0
027.43	Magnesium, ICP, Microwave (%)	0675	0.2805	0.0010	0.2775	0.0145	0.0061	22	0.21	1%	0
027.43	Magnesium, ICP, Microwave (%)	0512	0.2819	0.0103	0.2775	0.0145	0.0061	22	0.30	1%	0
027.43	Magnesium, ICP, Microwave (%)	2089	0.2850	0.0100	0.2775	0.0145	0.0061	22	0.52	1%	0
027.43	Magnesium, ICP, Microwave (%)	2234	0.2850	0.0100	0.2775	0.0145	0.0061	22	0.52	1%	0
027.43	Magnesium, ICP, Microwave (%)	0918	0.2925	0.0030	0.2775	0.0145	0.0061	22	1.04	3%	0
027.43	Magnesium, ICP, Microwave (%)	0035	0.3000	0.0000	0.2775	0.0145	0.0061	22	1.56	4%	0
027.43	Magnesium, ICP, Microwave (%)	2326	0.3120	0.0000	0.2775	0.0145	0.0061	22	2.38	6%	0
027.43	Magnesium, ICP, Microwave (%)	0682	0.3200	0.0000	0.2775	0.0145	0.0061	22	2.94	8%	0
027.43	Magnesium, ICP, Microwave (%)	0006	0.2610	0.0320	0.2775	0.0145	0.0061	22	-1.14	3%	1
027.43	Magnesium, ICP, Microwave (%)	0017	0.0000	0.0000	0.2775	0.0145	0.0061	22			4
027.44	Magnesium, ICP, Dry ash (%)	0164	0.3055	0.0030				1			0
027.51	Magnesium, ICP-MS, Dry ash (%)	2146	0.2660	0.0020				1			0
027.52	Magnesium, ICP-MS, Open vessel (%)	0047	0.2300	0.0000	0.2701	0.0235	0.0055	5			0
027.52	Magnesium, ICP-MS, Open vessel (%)	0560	0.2708	0.0168	0.2701	0.0235	0.0055	5			0
027.52	Magnesium, ICP-MS, Open vessel (%)	0186	0.2795	0.0070	0.2701	0.0235	0.0055	5			0
027.52	Magnesium, ICP-MS, Open vessel (%)	0016	0.2795	0.0030	0.2701	0.0235	0.0055	5			0
027.52	Magnesium, ICP-MS, Open vessel (%)	0154	0.2908	0.0005	0.2701	0.0235	0.0055	5			0
027.53	Magnesium, ICP-MS, Microwave (%)	0572	0.2630	0.0020	0.2783	0.0131	0.0079	5			0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data Value	Lab Data Range	Method Values Rob Mean	Method Values Robust SD	Method Values R-bar	Method Values # Labs	AAFCO PT Z Score	Threshold %RSD	Flag
027.53	Magnesium, ICP-MS, Microwave (%)	0407	0.2701	0.0026	0.2783	0.0131	0.0079	5			0
027.53	Magnesium, ICP-MS, Microwave (%)	0015	0.2755	0.0090	0.2783	0.0131	0.0079	5			0
027.53	Magnesium, ICP-MS, Microwave (%)	0553	0.2880	0.0160	0.2783	0.0131	0.0079	5			0
027.53	Magnesium, ICP-MS, Microwave (%)	0939	0.2950	0.0100	0.2783	0.0131	0.0079	5			0
027.99	Magnesium, Miscellaneous (%)	0889	0.2200	0.0000	0.2750	0.0474	0.0050	4			0
027.99	Magnesium, Miscellaneous (%)	0242	0.2650	0.0100	0.2750	0.0474	0.0050	4			0
027.99	Magnesium, Miscellaneous (%)	2144	0.2800	0.0000	0.2750	0.0474	0.0050	4			0
027.99	Magnesium, Miscellaneous (%)	0100	0.3350	0.0100	0.2750	0.0474	0.0050	4			0
028.31	Manganese, AAS, Dry ash (ppm)	0689	188.9	4.000	226.4	17.37	5.559	11	-2.16	8%	0
028.31	Manganese, AAS, Dry ash (ppm)	0536	212.1	7.360	226.4	17.37	5.559	11	-0.82	3%	0
028.31	Manganese, AAS, Dry ash (ppm)	2022	213.0	6.000	226.4	17.37	5.559	11	-0.77	3%	0
028.31	Manganese, AAS, Dry ash (ppm)	0939	218.9	13.29	226.4	17.37	5.559	11	-0.43	2%	0
028.31	Manganese, AAS, Dry ash (ppm)	0529	221.5	16.00	226.4	17.37	5.559	11	-0.28	1%	0
028.31	Manganese, AAS, Dry ash (ppm)	2146	221.6	5.600	226.4	17.37	5.559	11	-0.28	1%	0
028.31	Manganese, AAS, Dry ash (ppm)	0001	235.2	2.000	226.4	17.37	5.559	11	0.51	2%	0
028.31	Manganese, AAS, Dry ash (ppm)	0175	236.5	3.000	226.4	17.37	5.559	11	0.58	2%	0
028.31	Manganese, AAS, Dry ash (ppm)	2188	238.2	0.0000	226.4	17.37	5.559	11	0.68	3%	0
028.31	Manganese, AAS, Dry ash (ppm)	2196	241.0	0.0000	226.4	17.37	5.559	11	0.84	3%	0
028.31	Manganese, AAS, Dry ash (ppm)	0921	251.9	3.900	226.4	17.37	5.559	11	1.47	6%	0
028.33	Manganese, AAS, Microwave (ppm)	0948	181.1	3.880				1			0
028.34	Manganese, AAS, Dry ash (ppm)	2246	248.9	1.450				1			0
028.41	Manganese, ICP, Dry ash (ppm)	0226	124.9	1.280	220.8	28.19	5.836	16	-3.40	22%	0
028.41	Manganese, ICP, Dry ash (ppm)	0619	177.6	1.438	220.8	28.19	5.836	16	-1.54	10%	0
028.41	Manganese, ICP, Dry ash (ppm)	0354	197.7	5.810	220.8	28.19	5.836	16	-0.82	5%	0
028.41	Manganese, ICP, Dry ash (ppm)	0520	205.0	10.00	220.8	28.19	5.836	16	-0.56	4%	0
028.41	Manganese, ICP, Dry ash (ppm)	0049	205.6	5.620	220.8	28.19	5.836	16	-0.54	3%	0
028.41	Manganese, ICP, Dry ash (ppm)	0004	207.2	2.300	220.8	28.19	5.836	16	-0.48	3%	0
028.41	Manganese, ICP, Dry ash (ppm)	0407	212.0	12.06	220.8	28.19	5.836	16	-0.31	2%	0
028.41	Manganese, ICP, Dry ash (ppm)	0910	218.5	1.000	220.8	28.19	5.836	16	-0.08	1%	0
028.41	Manganese, ICP, Dry ash (ppm)	0098	222.0	3.700	220.8	28.19	5.836	16	0.04	0%	0
028.41	Manganese, ICP, Dry ash (ppm)	0171	228.0	2.000	220.8	28.19	5.836	16	0.25	2%	0
028.41	Manganese, ICP, Dry ash (ppm)	0074	237.5	5.000	220.8	28.19	5.836	16	0.59	4%	0
028.41	Manganese, ICP, Dry ash (ppm)	0019	238.7	5.200	220.8	28.19	5.836	16	0.63	4%	0
028.41	Manganese, ICP, Dry ash (ppm)	0148	242.9	5.760	220.8	28.19	5.836	16	0.78	5%	0
028.41	Manganese, ICP, Dry ash (ppm)	0229	250.4	10.10	220.8	28.19	5.836	16	1.05	7%	0
028.41	Manganese, ICP, Dry ash (ppm)	0358	255.2	16.11	220.8	28.19	5.836	16	1.22	8%	0
028.41	Manganese, ICP, Dry ash (ppm)	0598	255.8	6.000	220.8	28.19	5.836	16	1.24	8%	0
028.42	Manganese, ICP, Open vessel (ppm)	2129	204.5	18.40	241.4	19.73	12.68	19	-1.87	8%	0
028.42	Manganese, ICP, Open vessel (ppm)	0263	207.9	0.8632	241.4	19.73	12.68	19	-1.70	7%	0
028.42	Manganese, ICP, Open vessel (ppm)	0870	220.5	1.400	241.4	19.73	12.68	19	-1.06	4%	0
028.42	Manganese, ICP, Open vessel (ppm)	0278	222.5	7.000	241.4	19.73	12.68	19	-0.96	4%	0
028.42	Manganese, ICP, Open vessel (ppm)	2319	225.0	12.00	241.4	19.73	12.68	19	-0.83	3%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data Value	Lab Data Range	Method Values Rob Mean	Method Values Robust SD	Method Values R-bar	Method Values # Labs	AAFCO PT Z Score	Threshold %RSD	Flag
028.42	Manganese, ICP, Open vessel (ppm)	0685	230.0	0.0100	241.4	19.73	12.68	19	-0.58	2%	0
028.42	Manganese, ICP, Open vessel (ppm)	0357	237.4	3.315	241.4	19.73	12.68	19	-0.20	1%	0
028.42	Manganese, ICP, Open vessel (ppm)	0186	239.0	2.000	241.4	19.73	12.68	19	-0.12	0%	0
028.42	Manganese, ICP, Open vessel (ppm)	0693	241.9	18.24	241.4	19.73	12.68	19	0.03	0%	0
028.42	Manganese, ICP, Open vessel (ppm)	0692	242.0	48.00	241.4	19.73	12.68	19	0.03	0%	0
028.42	Manganese, ICP, Open vessel (ppm)	0009	242.8	11.49	241.4	19.73	12.68	19	0.07	0%	0
028.42	Manganese, ICP, Open vessel (ppm)	0366	247.5	29.00	241.4	19.73	12.68	19	0.31	1%	0
028.42	Manganese, ICP, Open vessel (ppm)	0726	251.9	9.800	241.4	19.73	12.68	19	0.53	2%	0
028.42	Manganese, ICP, Open vessel (ppm)	0190	255.2	6.100	241.4	19.73	12.68	19	0.70	3%	0
028.42	Manganese, ICP, Open vessel (ppm)	0035	255.5	1.000	241.4	19.73	12.68	19	0.72	3%	0
028.42	Manganese, ICP, Open vessel (ppm)	0042	258.5	21.00	241.4	19.73	12.68	19	0.87	4%	0
028.42	Manganese, ICP, Open vessel (ppm)	0265	259.5	37.00	241.4	19.73	12.68	19	0.92	4%	0
028.42	Manganese, ICP, Open vessel (ppm)	0037	262.5	7.600	241.4	19.73	12.68	19	1.07	4%	0
028.42	Manganese, ICP, Open vessel (ppm)	0294	285.2	6.660	241.4	19.73	12.68	19	2.22	9%	0
028.42	Manganese, ICP, Open vessel (ppm)	0045	253.0	72.00	241.4	19.73	12.68	19	0.59	2%	1
028.43	Manganese, ICP, Microwave (ppm)	2234	205.7	3.360	232.5	14.14	7.684	23	-1.89	6%	0
028.43	Manganese, ICP, Microwave (ppm)	0505	215.5	3.300	232.5	14.14	7.684	23	-1.20	4%	0
028.43	Manganese, ICP, Microwave (ppm)	0510	218.0	6.000	232.5	14.14	7.684	23	-1.02	3%	0
028.43	Manganese, ICP, Microwave (ppm)	0870	218.9	7.800	232.5	14.14	7.684	23	-0.96	3%	0
028.43	Manganese, ICP, Microwave (ppm)	0169	221.5	15.00	232.5	14.14	7.684	23	-0.78	2%	0
028.43	Manganese, ICP, Microwave (ppm)	0918	223.1	4.960	232.5	14.14	7.684	23	-0.66	2%	0
028.43	Manganese, ICP, Microwave (ppm)	0297	223.5	7.000	232.5	14.14	7.684	23	-0.63	2%	0
028.43	Manganese, ICP, Microwave (ppm)	0512	225.6	4.800	232.5	14.14	7.684	23	-0.49	1%	0
028.43	Manganese, ICP, Microwave (ppm)	0345	227.5	5.000	232.5	14.14	7.684	23	-0.35	1%	0
028.43	Manganese, ICP, Microwave (ppm)	0964	228.3	1.333	232.5	14.14	7.684	23	-0.29	1%	0
028.43	Manganese, ICP, Microwave (ppm)	0425	229.5	0.2000	232.5	14.14	7.684	23	-0.21	1%	0
028.43	Manganese, ICP, Microwave (ppm)	0083	231.0	2.000	232.5	14.14	7.684	23	-0.10	0%	0
028.43	Manganese, ICP, Microwave (ppm)	0682	233.3	0.0000	232.5	14.14	7.684	23	0.06	0%	0
028.43	Manganese, ICP, Microwave (ppm)	0968	233.5	1.000	232.5	14.14	7.684	23	0.07	0%	0
028.43	Manganese, ICP, Microwave (ppm)	0407	233.6	3.630	232.5	14.14	7.684	23	0.08	0%	0
028.43	Manganese, ICP, Microwave (ppm)	0353	237.0	8.000	232.5	14.14	7.684	23	0.32	1%	0
028.43	Manganese, ICP, Microwave (ppm)	0098	238.4	12.10	232.5	14.14	7.684	23	0.42	1%	0
028.43	Manganese, ICP, Microwave (ppm)	0035	242.0	0.0000	232.5	14.14	7.684	23	0.67	2%	0
028.43	Manganese, ICP, Microwave (ppm)	0675	247.0	37.40	232.5	14.14	7.684	23	1.03	3%	0
028.43	Manganese, ICP, Microwave (ppm)	0202	251.1	5.000	232.5	14.14	7.684	23	1.32	4%	0
028.43	Manganese, ICP, Microwave (ppm)	2326	252.0	26.00	232.5	14.14	7.684	23	1.38	4%	0
028.43	Manganese, ICP, Microwave (ppm)	2089	252.3	4.220	232.5	14.14	7.684	23	1.40	4%	0
028.43	Manganese, ICP, Microwave (ppm)	0017	252.9	18.63	232.5	14.14	7.684	23	1.45	4%	0
028.43	Manganese, ICP, Microwave (ppm)	0027	252.9	46.69	232.5	14.14	7.684	23	1.44	4%	1
028.43	Manganese, ICP, Microwave (ppm)	0006	22.00	0.0000	232.5	14.14	7.684	23	-14.89	45%	2
028.44	Manganese, ICP, Dry ash (ppm)	0066	214.3	4.000				2			0
028.44	Manganese, ICP, Dry ash (ppm)	0164	228.0	6.000				2			0

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028.52	Manganese, ICP-MS, Open vessel (ppm)	0560	199.7	21.20	226.4	25.62	9.775	4			0
028.52	Manganese, ICP-MS, Open vessel (ppm)	0047	212.4	6.900	226.4	25.62	9.775	4			0
028.52	Manganese, ICP-MS, Open vessel (ppm)	0186	236.0	6.000	226.4	25.62	9.775	4			0
028.52	Manganese, ICP-MS, Open vessel (ppm)	0016	257.5	5.000	226.4	25.62	9.775	4			0
028.53	Manganese, ICP-MS, Microwave (ppm)	0553	193.0	4.000	224.0	25.81	7.388	6	-1.20	7%	0
028.53	Manganese, ICP-MS, Microwave (ppm)	0572	199.5	19.00	224.0	25.81	7.388	6	-0.95	5%	0
028.53	Manganese, ICP-MS, Microwave (ppm)	0407	228.6	3.655	224.0	25.81	7.388	6	0.18	1%	0
028.53	Manganese, ICP-MS, Microwave (ppm)	0015	235.1	5.670	224.0	25.81	7.388	6	0.43	2%	0
028.53	Manganese, ICP-MS, Microwave (ppm)	0939	237.5	5.000	224.0	25.81	7.388	6	0.52	3%	0
028.53	Manganese, ICP-MS, Microwave (ppm)	2192	250.5	7.000	224.0	25.81	7.388	6	1.03	6%	0
028.99	Manganese, Miscellaneous (ppm)	0242	225.5	1.000				3			0
028.99	Manganese, Miscellaneous (ppm)	2144	233.7	17.30				3			0
028.99	Manganese, Miscellaneous (ppm)	0100	255.5	13.00				3			0
031.01	Phosphorus, Photometric (%)	0108	0.8700	0.0200	0.9967	0.0408	0.0183	28	-3.11	6%	0
031.01	Phosphorus, Photometric (%)	0885	0.9028	0.0309	0.9967	0.0408	0.0183	28	-2.30	5%	0
031.01	Phosphorus, Photometric (%)	2199	0.9145	0.0110	0.9967	0.0408	0.0183	28	-2.02	4%	0
031.01	Phosphorus, Photometric (%)	2146	0.9400	0.0200	0.9967	0.0408	0.0183	28	-1.39	3%	0
031.01	Phosphorus, Photometric (%)	0687	0.9600	0.0800	0.9967	0.0408	0.0183	28	-0.90	2%	0
031.01	Phosphorus, Photometric (%)	2192	0.9650	0.0100	0.9967	0.0408	0.0183	28	-0.78	2%	0
031.01	Phosphorus, Photometric (%)	2022	0.9800	0.0000	0.9967	0.0408	0.0183	28	-0.41	1%	0
031.01	Phosphorus, Photometric (%)	2193	0.9800	0.0000	0.9967	0.0408	0.0183	28	-0.41	1%	0
031.01	Phosphorus, Photometric (%)	2246	0.9800	0.0000	0.9967	0.0408	0.0183	28	-0.41	1%	0
031.01	Phosphorus, Photometric (%)	0142	0.9844	0.0084	0.9967	0.0408	0.0183	28	-0.30	1%	0
031.01	Phosphorus, Photometric (%)	2144	0.9850	0.0100	0.9967	0.0408	0.0183	28	-0.29	1%	0
031.01	Phosphorus, Photometric (%)	2200	0.9850	0.0100	0.9967	0.0408	0.0183	28	-0.29	1%	0
031.01	Phosphorus, Photometric (%)	0689	0.9900	0.0400	0.9967	0.0408	0.0183	28	-0.17	0%	0
031.01	Phosphorus, Photometric (%)	2009	0.9933	0.0032	0.9967	0.0408	0.0183	28	-0.08	0%	0
031.01	Phosphorus, Photometric (%)	0175	0.9950	0.0100	0.9967	0.0408	0.0183	28	-0.04	0%	0
031.01	Phosphorus, Photometric (%)	0939	0.9950	0.0100	0.9967	0.0408	0.0183	28	-0.04	0%	0
031.01	Phosphorus, Photometric (%)	2109	1.012	0.0440	0.9967	0.0408	0.0183	28	0.37	1%	0
031.01	Phosphorus, Photometric (%)	0881	1.016	0.0070	0.9967	0.0408	0.0183	28	0.46	1%	0
031.01	Phosphorus, Photometric (%)	2196	1.018	0.0000	0.9967	0.0408	0.0183	28	0.52	1%	0
031.01	Phosphorus, Photometric (%)	0529	1.020	0.0000	0.9967	0.0408	0.0183	28	0.57	1%	0
031.01	Phosphorus, Photometric (%)	0590	1.020	0.0000	0.9967	0.0408	0.0183	28	0.57	1%	0
031.01	Phosphorus, Photometric (%)	0626	1.020	0.0600	0.9967	0.0408	0.0183	28	0.57	1%	0
031.01	Phosphorus, Photometric (%)	2006	1.028	0.0110	0.9967	0.0408	0.0183	28	0.75	2%	0
031.01	Phosphorus, Photometric (%)	0884	1.035	0.0300	0.9967	0.0408	0.0183	28	0.94	2%	0
031.01	Phosphorus, Photometric (%)	0728	1.041	0.0270	0.9967	0.0408	0.0183	28	1.07	2%	0
031.01	Phosphorus, Photometric (%)	0948	1.045	0.0100	0.9967	0.0408	0.0183	28	1.18	2%	0
031.01	Phosphorus, Photometric (%)	2188	1.070	0.0000	0.9967	0.0408	0.0183	28	1.80	4%	0
031.01	Phosphorus, Photometric (%)	2181	1.080	0.0600	0.9967	0.0408	0.0183	28	2.04	4%	0
031.03	Phosphorus, Autoanalyzer (%)	0036	0.9898	0.0162				3			0

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031.03	Phosphorus, Autoanalyzer (%)	0001	1.024	0.0080				3			0
031.03	Phosphorus, Autoanalyzer (%)	0169	1.095	0.0100				3			0
031.06	Phosphorus, Hach Method (%)	0536	0.9900	0.0000				1			0
031.41	Phosphorus, ICP, Dry ash (%)	0004	0.8900	0.0200	1.008	0.0544	0.0234	21	-2.17	6%	0
031.41	Phosphorus, ICP, Dry ash (%)	0520	0.9300	0.0200	1.008	0.0544	0.0234	21	-1.43	4%	0
031.41	Phosphorus, ICP, Dry ash (%)	0910	0.9400	0.0400	1.008	0.0544	0.0234	21	-1.25	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0407	0.9437	0.0786	1.008	0.0544	0.0234	21	-1.18	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0019	0.9700	0.0200	1.008	0.0544	0.0234	21	-0.70	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0049	0.9850	0.0300	1.008	0.0544	0.0234	21	-0.42	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	2259	0.9870	0.0400	1.008	0.0544	0.0234	21	-0.39	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0298	0.9900	0.0200	1.008	0.0544	0.0234	21	-0.33	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0144	0.9950	0.0300	1.008	0.0544	0.0234	21	-0.24	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0123	1.005	0.0300	1.008	0.0544	0.0234	21	-0.05	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0171	1.010	0.0000	1.008	0.0544	0.0234	21	0.04	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0354	1.020	0.0000	1.008	0.0544	0.0234	21	0.22	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0226	1.025	0.0100	1.008	0.0544	0.0234	21	0.31	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0358	1.030	0.0400	1.008	0.0544	0.0234	21	0.40	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0685	1.035	0.0100	1.008	0.0544	0.0234	21	0.50	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0098	1.036	0.0220	1.008	0.0544	0.0234	21	0.52	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0229	1.050	0.0200	1.008	0.0544	0.0234	21	0.77	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0619	1.050	0.0200	1.008	0.0544	0.0234	21	0.77	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0074	1.075	0.0100	1.008	0.0544	0.0234	21	1.23	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0148	1.075	0.0300	1.008	0.0544	0.0234	21	1.23	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0598	1.095	0.0010	1.008	0.0544	0.0234	21	1.59	4%	0
031.41	Phosphorus, ICP, Dry ash (%)	0848	0.8850	0.1300	1.008	0.0544	0.0234	21	-2.26	6%	1
031.42	Phosphorus, ICP, Open vessel (%)	0278	0.8300	0.0000	1.015	0.0624	0.0531	19	-2.96	9%	0
031.42	Phosphorus, ICP, Open vessel (%)	2129	0.9060	0.1420	1.015	0.0624	0.0531	19	-1.74	5%	0
031.42	Phosphorus, ICP, Open vessel (%)	0357	0.9533	0.0262	1.015	0.0624	0.0531	19	-0.98	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	0265	0.9650	0.0100	1.015	0.0624	0.0531	19	-0.80	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0045	0.9775	0.0850	1.015	0.0624	0.0531	19	-0.60	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0263	0.9819	0.0106	1.015	0.0624	0.0531	19	-0.53	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0693	0.9825	0.0790	1.015	0.0624	0.0531	19	-0.52	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0366	0.9850	0.0100	1.015	0.0624	0.0531	19	-0.48	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0186	1.016	0.0330	1.015	0.0624	0.0531	19	0.01	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0009	1.019	0.1068	1.015	0.0624	0.0531	19	0.08	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0726	1.030	0.0460	1.015	0.0624	0.0531	19	0.24	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0035	1.030	0.0400	1.015	0.0624	0.0531	19	0.24	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0870	1.039	0.0120	1.015	0.0624	0.0531	19	0.39	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0190	1.055	0.0100	1.015	0.0624	0.0531	19	0.65	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	2319	1.055	0.0300	1.015	0.0624	0.0531	19	0.65	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0042	1.065	0.1300	1.015	0.0624	0.0531	19	0.81	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0294	1.080	0.0000	1.015	0.0624	0.0531	19	1.05	3%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data Value	Lab Data Range	Method Values Rob Mean	Method Values Robust SD	Method Values R-bar	Method Values # Labs	AAFCO PT Z Score	Threshold %RSD	Flag
031.42	Phosphorus, ICP, Open vessel (%)	0692	1.095	0.2100	1.015	0.0624	0.0531	19	1.29	4%	0
031.42	Phosphorus, ICP, Open vessel (%)	0037	1.117	0.0290	1.015	0.0624	0.0531	19	1.63	5%	0
031.43	Phosphorus, ICP, Microwave (%)	0297	0.9050	0.0500	1.017	0.0388	0.0328	28	-2.89	6%	0
031.43	Phosphorus, ICP, Microwave (%)	2089	0.9600	0.0000	1.017	0.0388	0.0328	28	-1.47	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0089	0.9700	0.0000	1.017	0.0388	0.0328	28	-1.22	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0512	0.9707	0.1267	1.017	0.0388	0.0328	28	-1.20	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0010	0.9750	0.0700	1.017	0.0388	0.0328	28	-1.09	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0083	0.9800	0.0200	1.017	0.0388	0.0328	28	-0.96	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0345	0.9905	0.0390	1.017	0.0388	0.0328	28	-0.69	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0006	0.9960	0.0520	1.017	0.0388	0.0328	28	-0.55	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0425	1.005	0.0100	1.017	0.0388	0.0328	28	-0.31	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0675	1.010	0.0400	1.017	0.0388	0.0328	28	-0.18	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0027	1.012	0.0440	1.017	0.0388	0.0328	28	-0.13	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0964	1.013	0.0115	1.017	0.0388	0.0328	28	-0.12	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0407	1.014	0.0179	1.017	0.0388	0.0328	28	-0.08	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0001	1.015	0.0300	1.017	0.0388	0.0328	28	-0.05	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0036	1.017	0.0044	1.017	0.0388	0.0328	28	0.01	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0682	1.020	0.0000	1.017	0.0388	0.0328	28	0.07	0%	0
031.43	Phosphorus, ICP, Microwave (%)	2234	1.025	0.0500	1.017	0.0388	0.0328	28	0.20	0%	0
031.43	Phosphorus, ICP, Microwave (%)	2326	1.025	0.0500	1.017	0.0388	0.0328	28	0.20	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0918	1.027	0.0170	1.017	0.0388	0.0328	28	0.24	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0505	1.030	0.0000	1.017	0.0388	0.0328	28	0.33	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0035	1.035	0.0100	1.017	0.0388	0.0328	28	0.46	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0968	1.041	0.0010	1.017	0.0388	0.0328	28	0.60	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0202	1.045	0.0300	1.017	0.0388	0.0328	28	0.72	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0017	1.052	0.0064	1.017	0.0388	0.0328	28	0.89	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0098	1.068	0.0820	1.017	0.0388	0.0328	28	1.31	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0353	1.090	0.0600	1.017	0.0388	0.0328	28	1.88	4%	0
031.43	Phosphorus, ICP, Microwave (%)	0870	1.163	0.0460	1.017	0.0388	0.0328	28	3.76	7%	0
031.43	Phosphorus, ICP, Microwave (%)	0510	1.165	0.0500	1.017	0.0388	0.0328	28	3.81	7%	0
031.44	Phosphorus, ICP, Dry ash (%)	0164	1.010	0.0200				2			0
031.44	Phosphorus, ICP, Dry ash (%)	0066	1.023	0.0360				2			0
031.51	Phosphorus, ICP-MS, Dry ash (%)	2146	0.9900	0.0200				1			0
031.52	Phosphorus, ICP-MS, Open vessel (%)	0560	0.8774	0.0698				3			0
031.52	Phosphorus, ICP-MS, Open vessel (%)	0154	0.9686	0.0064				3			0
031.52	Phosphorus, ICP-MS, Open vessel (%)	0186	1.024	0.0250				3			0
031.53	Phosphorus, ICP-MS, Microwave (%)	0572	0.9025	0.1870	0.9706	0.0438	0.0729	5			0
031.53	Phosphorus, ICP-MS, Microwave (%)	0553	0.9520	0.0640	0.9706	0.0438	0.0729	5			0
031.53	Phosphorus, ICP-MS, Microwave (%)	0407	0.9935	0.0236	0.9706	0.0438	0.0729	5			0
031.53	Phosphorus, ICP-MS, Microwave (%)	0015	0.9950	0.0700	0.9706	0.0438	0.0729	5			0
031.53	Phosphorus, ICP-MS, Microwave (%)	0939	1.010	0.0200	0.9706	0.0438	0.0729	5			0
031.99	Phosphorus, Miscellaneous (%)	0889	0.6550	0.0100	0.8896	0.1666	0.0327	5			0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data Value	Lab Data Range	Method Values Rob Mean	Method Values Robust SD	Method Values R-bar	Method Values # Labs	AAFCO PT Z Score	Threshold %RSD	Flag
031.99	Phosphorus, Miscellaneous (%)	2290	0.7978	0.0233	0.8896	0.1666	0.0327	5			0
031.99	Phosphorus, Miscellaneous (%)	0242	0.9350	0.0100	0.8896	0.1666	0.0327	5			0
031.99	Phosphorus, Miscellaneous (%)	0676	0.9750	0.0300	0.8896	0.1666	0.0327	5			0
031.99	Phosphorus, Miscellaneous (%)	0100	1.085	0.0900	0.8896	0.1666	0.0327	5			0
032.31	Potassium, AAS, Dry ash (%)	2022	0.7265	0.0010	0.8636	0.1277	0.0153	8	-1.07	8%	0
032.31	Potassium, AAS, Dry ash (%)	0536	0.7600	0.0000	0.8636	0.1277	0.0153	8	-0.81	6%	0
032.31	Potassium, AAS, Dry ash (%)	0529	0.7800	0.0200	0.8636	0.1277	0.0153	8	-0.65	5%	0
032.31	Potassium, AAS, Dry ash (%)	2146	0.8150	0.0100	0.8636	0.1277	0.0153	8	-0.38	3%	0
032.31	Potassium, AAS, Dry ash (%)	0142	0.8874	0.0267	0.8636	0.1277	0.0153	8	0.19	1%	0
032.31	Potassium, AAS, Dry ash (%)	2246	0.9300	0.0000	0.8636	0.1277	0.0153	8	0.52	4%	0
032.31	Potassium, AAS, Dry ash (%)	0948	0.9545	0.0250	0.8636	0.1277	0.0153	8	0.71	5%	0
032.31	Potassium, AAS, Dry ash (%)	0175	1.200	0.0400	0.8636	0.1277	0.0153	8	2.63	19%	0
032.32	Potassium, AAS, Open vessel (%)	0169	0.7050	0.0100				1			0
032.41	Potassium, ICP, Dry ash (%)	0004	0.7100	0.0200	0.8442	0.0367	0.0237	19	-3.65	8%	0
032.41	Potassium, ICP, Dry ash (%)	0019	0.7950	0.0100	0.8442	0.0367	0.0237	19	-1.34	3%	0
032.41	Potassium, ICP, Dry ash (%)	0123	0.8150	0.0300	0.8442	0.0367	0.0237	19	-0.80	2%	0
032.41	Potassium, ICP, Dry ash (%)	0144	0.8150	0.0100	0.8442	0.0367	0.0237	19	-0.80	2%	0
032.41	Potassium, ICP, Dry ash (%)	0354	0.8150	0.0100	0.8442	0.0367	0.0237	19	-0.80	2%	0
032.41	Potassium, ICP, Dry ash (%)	0229	0.8200	0.0600	0.8442	0.0367	0.0237	19	-0.66	1%	0
032.41	Potassium, ICP, Dry ash (%)	0520	0.8200	0.0200	0.8442	0.0367	0.0237	19	-0.66	1%	0
032.41	Potassium, ICP, Dry ash (%)	0358	0.8300	0.0200	0.8442	0.0367	0.0237	19	-0.39	1%	0
032.41	Potassium, ICP, Dry ash (%)	0074	0.8460	0.0020	0.8442	0.0367	0.0237	19	0.05	0%	0
032.41	Potassium, ICP, Dry ash (%)	0049	0.8500	0.0400	0.8442	0.0367	0.0237	19	0.16	0%	0
032.41	Potassium, ICP, Dry ash (%)	0910	0.8500	0.0600	0.8442	0.0367	0.0237	19	0.16	0%	0
032.41	Potassium, ICP, Dry ash (%)	0148	0.8545	0.0550	0.8442	0.0367	0.0237	19	0.28	1%	0
032.41	Potassium, ICP, Dry ash (%)	0098	0.8550	0.0100	0.8442	0.0367	0.0237	19	0.29	1%	0
032.41	Potassium, ICP, Dry ash (%)	0226	0.8650	0.0100	0.8442	0.0367	0.0237	19	0.57	1%	0
032.41	Potassium, ICP, Dry ash (%)	0171	0.8700	0.0000	0.8442	0.0367	0.0237	19	0.70	2%	0
032.41	Potassium, ICP, Dry ash (%)	0407	0.8723	0.0432	0.8442	0.0367	0.0237	19	0.76	2%	0
032.41	Potassium, ICP, Dry ash (%)	0619	0.8795	0.0150	0.8442	0.0367	0.0237	19	0.96	2%	0
032.41	Potassium, ICP, Dry ash (%)	0598	0.9118	0.0049	0.8442	0.0367	0.0237	19	1.84	4%	0
032.41	Potassium, ICP, Dry ash (%)	0066	0.9290	0.0300	0.8442	0.0367	0.0237	19	2.31	5%	0
032.42	Potassium, ICP, Open vessel (%)	2129	0.7440	0.0500	0.8694	0.0353	0.0261	17	-3.55	7%	0
032.42	Potassium, ICP, Open vessel (%)	0263	0.8074	0.0056	0.8694	0.0353	0.0261	17	-1.75	4%	0
032.42	Potassium, ICP, Open vessel (%)	0186	0.8285	0.0130	0.8694	0.0353	0.0261	17	-1.16	2%	0
032.42	Potassium, ICP, Open vessel (%)	0870	0.8438	0.0213	0.8694	0.0353	0.0261	17	-0.73	1%	0
032.42	Potassium, ICP, Open vessel (%)	0265	0.8550	0.0100	0.8694	0.0353	0.0261	17	-0.41	1%	0
032.42	Potassium, ICP, Open vessel (%)	0278	0.8550	0.0100	0.8694	0.0353	0.0261	17	-0.41	1%	0
032.42	Potassium, ICP, Open vessel (%)	0035	0.8600	0.0200	0.8694	0.0353	0.0261	17	-0.27	1%	0
032.42	Potassium, ICP, Open vessel (%)	0693	0.8705	0.0810	0.8694	0.0353	0.0261	17	0.03	0%	0
032.42	Potassium, ICP, Open vessel (%)	0357	0.8737	0.0049	0.8694	0.0353	0.0261	17	0.12	0%	0
032.42	Potassium, ICP, Open vessel (%)	0294	0.8750	0.0100	0.8694	0.0353	0.0261	17	0.16	0%	0

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032.42	Potassium, ICP, Open vessel (%)	0042	0.8795	0.0410	0.8694	0.0353	0.0261	17	0.29	1%	0
032.42	Potassium, ICP, Open vessel (%)	0190	0.8900	0.0200	0.8694	0.0353	0.0261	17	0.58	1%	0
032.42	Potassium, ICP, Open vessel (%)	0045	0.8910	0.0060	0.8694	0.0353	0.0261	17	0.61	1%	0
032.42	Potassium, ICP, Open vessel (%)	0037	0.8930	0.0080	0.8694	0.0353	0.0261	17	0.67	1%	0
032.42	Potassium, ICP, Open vessel (%)	0726	0.8950	0.0100	0.8694	0.0353	0.0261	17	0.73	1%	0
032.42	Potassium, ICP, Open vessel (%)	0009	0.9142	0.0229	0.8694	0.0353	0.0261	17	1.27	3%	0
032.42	Potassium, ICP, Open vessel (%)	0366	1.065	0.1100	0.8694	0.0353	0.0261	17	5.54	11%	0
032.42	Potassium, ICP, Open vessel (%)	0692	0.9000	0.2000	0.8694	0.0353	0.0261	17	0.87	2%	1
032.43	Potassium, ICP, Microwave (%)	2089	0.7550	0.0100	0.8623	0.0487	0.0222	24	-2.20	6%	0
032.43	Potassium, ICP, Microwave (%)	0425	0.7850	0.0100	0.8623	0.0487	0.0222	24	-1.59	4%	0
032.43	Potassium, ICP, Microwave (%)	0297	0.8000	0.0000	0.8623	0.0487	0.0222	24	-1.28	4%	0
032.43	Potassium, ICP, Microwave (%)	0964	0.8153	0.0091	0.8623	0.0487	0.0222	24	-0.97	3%	0
032.43	Potassium, ICP, Microwave (%)	0083	0.8200	0.0200	0.8623	0.0487	0.0222	24	-0.87	2%	0
032.43	Potassium, ICP, Microwave (%)	0089	0.8400	0.0000	0.8623	0.0487	0.0222	24	-0.46	1%	0
032.43	Potassium, ICP, Microwave (%)	0675	0.8400	0.0000	0.8623	0.0487	0.0222	24	-0.46	1%	0
032.43	Potassium, ICP, Microwave (%)	0682	0.8400	0.0000	0.8623	0.0487	0.0222	24	-0.46	1%	0
032.43	Potassium, ICP, Microwave (%)	0035	0.8450	0.0100	0.8623	0.0487	0.0222	24	-0.36	1%	0
032.43	Potassium, ICP, Microwave (%)	0098	0.8500	0.0200	0.8623	0.0487	0.0222	24	-0.25	1%	0
032.43	Potassium, ICP, Microwave (%)	0870	0.8522	0.0183	0.8623	0.0487	0.0222	24	-0.21	1%	0
032.43	Potassium, ICP, Microwave (%)	0202	0.8550	0.0300	0.8623	0.0487	0.0222	24	-0.15	0%	0
032.43	Potassium, ICP, Microwave (%)	0918	0.8585	0.0130	0.8623	0.0487	0.0222	24	-0.08	0%	0
032.43	Potassium, ICP, Microwave (%)	0345	0.8635	0.0170	0.8623	0.0487	0.0222	24	0.03	0%	0
032.43	Potassium, ICP, Microwave (%)	0006	0.8725	0.0770	0.8623	0.0487	0.0222	24	0.21	1%	0
032.43	Potassium, ICP, Microwave (%)	0505	0.8750	0.0700	0.8623	0.0487	0.0222	24	0.26	1%	0
032.43	Potassium, ICP, Microwave (%)	0512	0.8815	0.0606	0.8623	0.0487	0.0222	24	0.39	1%	0
032.43	Potassium, ICP, Microwave (%)	0407	0.9011	0.0479	0.8623	0.0487	0.0222	24	0.80	2%	0
032.43	Potassium, ICP, Microwave (%)	0353	0.9050	0.0100	0.8623	0.0487	0.0222	24	0.88	2%	0
032.43	Potassium, ICP, Microwave (%)	0510	0.9050	0.0100	0.8623	0.0487	0.0222	24	0.88	2%	0
032.43	Potassium, ICP, Microwave (%)	2326	0.9050	0.0100	0.8623	0.0487	0.0222	24	0.88	2%	0
032.43	Potassium, ICP, Microwave (%)	0017	0.9212	0.0454	0.8623	0.0487	0.0222	24	1.21	3%	0
032.43	Potassium, ICP, Microwave (%)	2234	0.9500	0.0400	0.8623	0.0487	0.0222	24	1.80	5%	0
032.43	Potassium, ICP, Microwave (%)	0968	0.9975	0.0050	0.8623	0.0487	0.0222	24	2.78	8%	0
032.44	Potassium, ICP, Dry ash (%)	0164	0.8355	0.0070				1			0
032.51	Potassium, ICP-MS, Dry ash (%)	2146	0.8450	0.0100				1			0
032.52	Potassium, ICP-MS, Open vessel (%)	0560	0.7752	0.0088	0.8075	0.0276	0.0191	5			0
032.52	Potassium, ICP-MS, Open vessel (%)	0154	0.7797	0.0355	0.8075	0.0276	0.0191	5			0
032.52	Potassium, ICP-MS, Open vessel (%)	2319	0.8250	0.0500	0.8075	0.0276	0.0191	5			0
032.52	Potassium, ICP-MS, Open vessel (%)	0016	0.8255	0.0010	0.8075	0.0276	0.0191	5			0
032.52	Potassium, ICP-MS, Open vessel (%)	0186	0.8320	0.0000	0.8075	0.0276	0.0191	5			0
032.53	Potassium, ICP-MS, Microwave (%)	0572	0.7205	0.0690	0.7946	0.0551	0.0379	5			0
032.53	Potassium, ICP-MS, Microwave (%)	0553	0.7630	0.0320	0.7946	0.0551	0.0379	5			0
032.53	Potassium, ICP-MS, Microwave (%)	0015	0.8060	0.0440	0.7946	0.0551	0.0379	5			0

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032.53	Potassium, ICP-MS, Microwave (%)	0407	0.8187	0.0144	0.7946	0.0551	0.0379	5			0
032.53	Potassium, ICP-MS, Microwave (%)	0939	0.8650	0.0300	0.7946	0.0551	0.0379	5			0
032.99	Potassium, Miscellaneous (%)	0242	0.8200	0.0200	0.8602	0.0285	0.0083	4			0
032.99	Potassium, Miscellaneous (%)	0889	0.8600	0.0000	0.8602	0.0285	0.0083	4			0
032.99	Potassium, Miscellaneous (%)	0100	0.8800	0.0000	0.8602	0.0285	0.0083	4			0
032.99	Potassium, Miscellaneous (%)	0001	0.8809	0.0132	0.8602	0.0285	0.0083	4			0
033.00	Salt as chloride, Sol Cl (%)	0675	1.865	0.2100	1.998	0.0594	0.0519	20	-2.25	3%	0
033.00	Salt as chloride, Sol Cl (%)	0884	1.910	0.0000	1.998	0.0594	0.0519	20	-1.49	2%	0
033.00	Salt as chloride, Sol Cl (%)	2246	1.930	0.0000	1.998	0.0594	0.0519	20	-1.15	2%	0
033.00	Salt as chloride, Sol Cl (%)	0353	1.950	0.0400	1.998	0.0594	0.0519	20	-0.81	1%	0
033.00	Salt as chloride, Sol Cl (%)	0045	1.955	0.2100	1.998	0.0594	0.0519	20	-0.73	1%	0
033.00	Salt as chloride, Sol Cl (%)	2196	1.970	0.0000	1.998	0.0594	0.0519	20	-0.48	1%	0
033.00	Salt as chloride, Sol Cl (%)	2009	1.976	0.0041	1.998	0.0594	0.0519	20	-0.38	1%	0
033.00	Salt as chloride, Sol Cl (%)	2022	1.980	0.0000	1.998	0.0594	0.0519	20	-0.31	0%	0
033.00	Salt as chloride, Sol Cl (%)	0921	1.985	0.0300	1.998	0.0594	0.0519	20	-0.23	0%	0
033.00	Salt as chloride, Sol Cl (%)	2193	1.990	0.0200	1.998	0.0594	0.0519	20	-0.14	0%	0
033.00	Salt as chloride, Sol Cl (%)	0693	2.004	0.0170	1.998	0.0594	0.0519	20	0.09	0%	0
033.00	Salt as chloride, Sol Cl (%)	0123	2.005	0.0100	1.998	0.0594	0.0519	20	0.11	0%	0
033.00	Salt as chloride, Sol Cl (%)	0309	2.023	0.0445	1.998	0.0594	0.0519	20	0.41	1%	0
033.00	Salt as chloride, Sol Cl (%)	0881	2.024	0.0610	1.998	0.0594	0.0519	20	0.42	1%	0
033.00	Salt as chloride, Sol Cl (%)	0298	2.040	0.0200	1.998	0.0594	0.0519	20	0.70	1%	0
033.00	Salt as chloride, Sol Cl (%)	0539	2.045	0.0300	1.998	0.0594	0.0519	20	0.78	1%	0
033.00	Salt as chloride, Sol Cl (%)	0183	2.050	0.1000	1.998	0.0594	0.0519	20	0.87	1%	0
033.00	Salt as chloride, Sol Cl (%)	2076	2.061	0.0220	1.998	0.0594	0.0519	20	1.05	2%	0
033.00	Salt as chloride, Sol Cl (%)	0511	2.075	0.0500	1.998	0.0594	0.0519	20	1.29	2%	0
033.00	Salt as chloride, Sol Cl (%)	0366	2.095	0.1700	1.998	0.0594	0.0519	20	1.63	2%	0
033.00	Salt as chloride, Sol Cl (%)	0885	1.206	0.0239	1.998	0.0594	0.0519	20	-13.33	20%	2
033.01	Salt as chloride, Poten Cl (%)	0425	1.830	0.0400	2.025	0.0366	0.0214	27	-5.31	5%	0
033.01	Salt as chloride, Poten Cl (%)	0619	1.940	0.0000	2.025	0.0366	0.0214	27	-2.31	2%	0
033.01	Salt as chloride, Poten Cl (%)	0083	1.975	0.0100	2.025	0.0366	0.0214	27	-1.35	1%	0
033.01	Salt as chloride, Poten Cl (%)	2146	1.990	0.0200	2.025	0.0366	0.0214	27	-0.94	1%	0
033.01	Salt as chloride, Poten Cl (%)	0186	1.996	0.0090	2.025	0.0366	0.0214	27	-0.79	1%	0
033.01	Salt as chloride, Poten Cl (%)	0004	2.000	0.0200	2.025	0.0366	0.0214	27	-0.67	1%	0
033.01	Salt as chloride, Poten Cl (%)	2109	2.002	0.0110	2.025	0.0366	0.0214	27	-0.63	1%	0
033.01	Salt as chloride, Poten Cl (%)	2268	2.005	0.0500	2.025	0.0366	0.0214	27	-0.53	0%	0
033.01	Salt as chloride, Poten Cl (%)	0100	2.010	0.0000	2.025	0.0366	0.0214	27	-0.40	0%	0
033.01	Salt as chloride, Poten Cl (%)	0226	2.010	0.0000	2.025	0.0366	0.0214	27	-0.40	0%	0
033.01	Salt as chloride, Poten Cl (%)	0098	2.015	0.0100	2.025	0.0366	0.0214	27	-0.26	0%	0
033.01	Salt as chloride, Poten Cl (%)	0407	2.015	0.0100	2.025	0.0366	0.0214	27	-0.26	0%	0
033.01	Salt as chloride, Poten Cl (%)	0939	2.015	0.0100	2.025	0.0366	0.0214	27	-0.26	0%	0
033.01	Salt as chloride, Poten Cl (%)	0164	2.020	0.0200	2.025	0.0366	0.0214	27	-0.12	0%	0
033.01	Salt as chloride, Poten Cl (%)	0948	2.025	0.0300	2.025	0.0366	0.0214	27	0.01	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data Value	Lab Data Range	Method Values Rob Mean	Method Values Robust SD	Method Values R-bar	Method Values # Labs	AAFCO PT Z Score	Threshold %RSD	Flag
033.01	Salt as chloride, Poten Cl (%)	0242	2.030	0.0400	2.025	0.0366	0.0214	27	0.15	0%	0
033.01	Salt as chloride, Poten Cl (%)	0148	2.035	0.0100	2.025	0.0366	0.0214	27	0.29	0%	0
033.01	Salt as chloride, Poten Cl (%)	0175	2.035	0.0300	2.025	0.0366	0.0214	27	0.29	0%	0
033.01	Salt as chloride, Poten Cl (%)	0590	2.040	0.0400	2.025	0.0366	0.0214	27	0.42	0%	0
033.01	Salt as chloride, Poten Cl (%)	0001	2.045	0.0100	2.025	0.0366	0.0214	27	0.56	1%	0
033.01	Salt as chloride, Poten Cl (%)	0019	2.045	0.0100	2.025	0.0366	0.0214	27	0.56	1%	0
033.01	Salt as chloride, Poten Cl (%)	0510	2.050	0.0200	2.025	0.0366	0.0214	27	0.70	1%	0
033.01	Salt as chloride, Poten Cl (%)	0354	2.054	0.0030	2.025	0.0366	0.0214	27	0.79	1%	0
033.01	Salt as chloride, Poten Cl (%)	0229	2.075	0.0100	2.025	0.0366	0.0214	27	1.38	1%	0
033.01	Salt as chloride, Poten Cl (%)	0682	2.079	0.0000	2.025	0.0366	0.0214	27	1.49	1%	0
033.01	Salt as chloride, Poten Cl (%)	0964	2.169	0.1350	2.025	0.0366	0.0214	27	3.93	4%	0
033.01	Salt as chloride, Poten Cl (%)	0278	2.355	0.0300	2.025	0.0366	0.0214	27	9.03	8%	0
033.01	Salt as chloride, Poten Cl (%)	0003	2.000	0.2000	2.025	0.0366	0.0214	27	-0.67	1%	1
033.03	Salt as chloride, Quantab (%)	0265	1.890	0.2400	1.970	0.1015	0.0880	5			0
033.03	Salt as chloride, Quantab (%)	0190	1.900	0.0000	1.970	0.1015	0.0880	5			0
033.03	Salt as chloride, Quantab (%)	0726	1.900	0.0000	1.970	0.1015	0.0880	5			0
033.03	Salt as chloride, Quantab (%)	0505	2.060	0.2000	1.970	0.1015	0.0880	5			0
033.03	Salt as chloride, Quantab (%)	0144	2.100	0.0000	1.970	0.1015	0.0880	5			0
033.05	Salt as chloride, Ion Sel Electrode (%)	0689	1.945	0.0300				1			0
033.99	Salt, Miscellaneous (%)	0536	1.490	0.0200	1.933	0.1403	0.0350	10	-3.16	11%	0
033.99	Salt, Miscellaneous (%)	0910	1.760	0.0400	1.933	0.1403	0.0350	10	-1.23	4%	0
033.99	Salt, Miscellaneous (%)	0358	1.860	0.1200	1.933	0.1403	0.0350	10	-0.52	2%	0
033.99	Salt, Miscellaneous (%)	2181	1.930	0.0200	1.933	0.1403	0.0350	10	-0.02	0%	0
033.99	Salt, Miscellaneous (%)	0027	1.934	0.0690	1.933	0.1403	0.0350	10	0.00	0%	0
033.99	Salt, Miscellaneous (%)	0017	1.957	0.0009	1.933	0.1403	0.0350	10	0.17	1%	0
033.99	Salt, Miscellaneous (%)	2073	1.995	0.0300	1.933	0.1403	0.0350	10	0.44	2%	0
033.99	Salt, Miscellaneous (%)	0650	2.015	0.0300	1.933	0.1403	0.0350	10	0.58	2%	0
033.99	Salt, Miscellaneous (%)	2326	2.035	0.0100	1.933	0.1403	0.0350	10	0.72	3%	0
033.99	Salt, Miscellaneous (%)	2234	2.125	0.0100	1.933	0.1403	0.0350	10	1.37	5%	0
033.99	Salt, Miscellaneous (%)	2129	1.884	0.2250	1.933	0.1403	0.0350	10	-0.35	1%	1
034.04	Selenium, AA, Hydride (ppm)	0045	2.360	0.5400				3			0
034.04	Selenium, AA, Hydride (ppm)	0171	2.455	0.0500				3			0
034.04	Selenium, AA, Hydride (ppm)	0169	2.665	0.0700				3			0
034.41	Selenium, ICP, Dry ash (ppm)	0619	2.315	0.1900				3			0
034.41	Selenium, ICP, Dry ash (ppm)	0407	2.545	0.5500				3			0
034.41	Selenium, ICP, Dry ash (ppm)	0148	2.555	0.0900				3			0
034.42	Selenium, ICP, Open vessel (ppm)	0692	3.000	0.4000				1			0
034.43	Selenium, ICP, Microwave (ppm)	2234	1.405	0.3300	2.125	0.7612	0.1713	4			0
034.43	Selenium, ICP, Microwave (ppm)	0407	1.530	0.0000	2.125	0.7612	0.1713	4			0
034.43	Selenium, ICP, Microwave (ppm)	0964	2.750	0.3400	2.125	0.7612	0.1713	4			0
034.43	Selenium, ICP, Microwave (ppm)	0968	2.815	0.0150	2.125	0.7612	0.1713	4			0
034.43	Selenium, ICP, Microwave (ppm)	0682	< 5		2.125	0.7612	0.1713	4			5

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data Value	Lab Data Range	Method Values Rob Mean	Method Values Robust SD	Method Values R-bar	Method Values # Labs	AAFCO PT Z Score	Threshold %RSD	Flag
034.52	Selenium, ICP-MS, Open vessel (ppm)	0047	2.185	0.1500	2.462	0.2351	0.1660	4			0
034.52	Selenium, ICP-MS, Open vessel (ppm)	0186	2.362	0.0340	2.462	0.2351	0.1660	4			0
034.52	Selenium, ICP-MS, Open vessel (ppm)	0910	2.585	0.3100	2.462	0.2351	0.1660	4			0
034.52	Selenium, ICP-MS, Open vessel (ppm)	0016	2.715	0.1700	2.462	0.2351	0.1660	4			0
034.53	Selenium, ICP-MS, Microwave (ppm)	0553	2.335	0.0700	2.644	0.2114	0.1478	7	-1.46	6%	0
034.53	Selenium, ICP-MS, Microwave (ppm)	0033	2.530	0.1200	2.644	0.2114	0.1478	7	-0.54	2%	0
034.53	Selenium, ICP-MS, Microwave (ppm)	0164	2.575	0.0100	2.644	0.2114	0.1478	7	-0.33	1%	0
034.53	Selenium, ICP-MS, Microwave (ppm)	0015	2.610	0.2860	2.644	0.2114	0.1478	7	-0.16	1%	0
034.53	Selenium, ICP-MS, Microwave (ppm)	0407	2.794	0.2925	2.644	0.2114	0.1478	7	0.71	3%	0
034.53	Selenium, ICP-MS, Microwave (ppm)	0939	2.815	0.2100	2.644	0.2114	0.1478	7	0.81	3%	0
034.53	Selenium, ICP-MS, Microwave (ppm)	0918	2.850	0.0461	2.644	0.2114	0.1478	7	0.98	4%	0
034.53	Selenium, ICP-MS, Microwave (ppm)	0560	1.174	1.852	2.644	0.2114	0.1478	7	-6.95	28%	1
034.99	Selenium, Miscellaneous (ppm)	0190	3.120	0.2600				1			0
035.01	Sodium, Ion-selective electrode (%)	2109	0.7970	0.0120				1			0
035.05	Sodium, Flame Emission (%)	0108	0.7100	0.0000				1			0
035.31	Sodium, AAS, Dry ash (%)	2022	0.6390	0.0060	0.7133	0.0544	0.0112	10	-1.36	5%	0
035.31	Sodium, AAS, Dry ash (%)	2246	0.6500	0.0000	0.7133	0.0544	0.0112	10	-1.16	4%	0
035.31	Sodium, AAS, Dry ash (%)	0529	0.6960	0.0020	0.7133	0.0544	0.0112	10	-0.32	1%	0
035.31	Sodium, AAS, Dry ash (%)	0142	0.6984	0.0025	0.7133	0.0544	0.0112	10	-0.27	1%	0
035.31	Sodium, AAS, Dry ash (%)	2146	0.7050	0.0100	0.7133	0.0544	0.0112	10	-0.15	1%	0
035.31	Sodium, AAS, Dry ash (%)	0536	0.7150	0.0300	0.7133	0.0544	0.0112	10	0.03	0%	0
035.31	Sodium, AAS, Dry ash (%)	0948	0.7295	0.0210	0.7133	0.0544	0.0112	10	0.30	1%	0
035.31	Sodium, AAS, Dry ash (%)	0689	0.7350	0.0100	0.7133	0.0544	0.0112	10	0.40	2%	0
035.31	Sodium, AAS, Dry ash (%)	2196	0.7700	0.0000	0.7133	0.0544	0.0112	10	1.04	4%	0
035.31	Sodium, AAS, Dry ash (%)	0175	0.7950	0.0300	0.7133	0.0544	0.0112	10	1.50	6%	0
035.32	Sodium, AAS, Open vessel (%)	0169	0.6400	0.0000				1			0
035.41	Sodium, ICP, Dry ash (%)	0004	0.6150	0.0100	0.7112	0.0300	0.0191	21	-3.20	7%	0
035.41	Sodium, ICP, Dry ash (%)	2259	0.6160	0.0420	0.7112	0.0300	0.0191	21	-3.17	7%	0
035.41	Sodium, ICP, Dry ash (%)	0298	0.6450	0.0300	0.7112	0.0300	0.0191	21	-2.20	5%	0
035.41	Sodium, ICP, Dry ash (%)	0049	0.6850	0.0100	0.7112	0.0300	0.0191	21	-0.87	2%	0
035.41	Sodium, ICP, Dry ash (%)	0520	0.6922	0.0402	0.7112	0.0300	0.0191	21	-0.63	1%	0
035.41	Sodium, ICP, Dry ash (%)	0910	0.6950	0.0100	0.7112	0.0300	0.0191	21	-0.54	1%	0
035.41	Sodium, ICP, Dry ash (%)	0407	0.7050	0.0138	0.7112	0.0300	0.0191	21	-0.21	0%	0
035.41	Sodium, ICP, Dry ash (%)	0598	0.7087	0.0021	0.7112	0.0300	0.0191	21	-0.09	0%	0
035.41	Sodium, ICP, Dry ash (%)	0171	0.7100	0.0000	0.7112	0.0300	0.0191	21	-0.04	0%	0
035.41	Sodium, ICP, Dry ash (%)	0354	0.7100	0.0000	0.7112	0.0300	0.0191	21	-0.04	0%	0
035.41	Sodium, ICP, Dry ash (%)	0164	0.7115	0.0010	0.7112	0.0300	0.0191	21	0.01	0%	0
035.41	Sodium, ICP, Dry ash (%)	0619	0.7130	0.0100	0.7112	0.0300	0.0191	21	0.06	0%	0
035.41	Sodium, ICP, Dry ash (%)	0019	0.7150	0.0500	0.7112	0.0300	0.0191	21	0.13	0%	0
035.41	Sodium, ICP, Dry ash (%)	0148	0.7195	0.0210	0.7112	0.0300	0.0191	21	0.28	1%	0
035.41	Sodium, ICP, Dry ash (%)	0098	0.7250	0.0100	0.7112	0.0300	0.0191	21	0.46	1%	0
035.41	Sodium, ICP, Dry ash (%)	0144	0.7250	0.0300	0.7112	0.0300	0.0191	21	0.46	1%	0

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035.41	Sodium, ICP, Dry ash (%)	0123	0.7300	0.0000	0.7112	0.0300	0.0191	21	0.62	1%	0
035.41	Sodium, ICP, Dry ash (%)	0358	0.7350	0.0500	0.7112	0.0300	0.0191	21	0.79	2%	0
035.41	Sodium, ICP, Dry ash (%)	0229	0.7450	0.0100	0.7112	0.0300	0.0191	21	1.12	2%	0
035.41	Sodium, ICP, Dry ash (%)	0226	0.7700	0.0400	0.7112	0.0300	0.0191	21	1.96	4%	0
035.41	Sodium, ICP, Dry ash (%)	0066	0.8410	0.0220	0.7112	0.0300	0.0191	21	4.32	9%	0
035.42	Sodium, ICP, Open vessel (%)	0366	0.6400	0.0900	0.7415	0.0402	0.0286	18	-2.52	7%	0
035.42	Sodium, ICP, Open vessel (%)	2129	0.6625	0.0690	0.7415	0.0402	0.0286	18	-1.96	5%	0
035.42	Sodium, ICP, Open vessel (%)	0357	0.7044	0.0240	0.7415	0.0402	0.0286	18	-0.92	3%	0
035.42	Sodium, ICP, Open vessel (%)	2319	0.7130	0.0360	0.7415	0.0402	0.0286	18	-0.71	2%	0
035.42	Sodium, ICP, Open vessel (%)	0278	0.7200	0.0000	0.7415	0.0402	0.0286	18	-0.53	1%	0
035.42	Sodium, ICP, Open vessel (%)	0294	0.7200	0.0000	0.7415	0.0402	0.0286	18	-0.53	1%	0
035.42	Sodium, ICP, Open vessel (%)	0263	0.7225	0.0150	0.7415	0.0402	0.0286	18	-0.47	1%	0
035.42	Sodium, ICP, Open vessel (%)	0265	0.7250	0.0100	0.7415	0.0402	0.0286	18	-0.41	1%	0
035.42	Sodium, ICP, Open vessel (%)	0693	0.7330	0.0740	0.7415	0.0402	0.0286	18	-0.21	1%	0
035.42	Sodium, ICP, Open vessel (%)	0186	0.7485	0.0130	0.7415	0.0402	0.0286	18	0.17	0%	0
035.42	Sodium, ICP, Open vessel (%)	0042	0.7540	0.0440	0.7415	0.0402	0.0286	18	0.31	1%	0
035.42	Sodium, ICP, Open vessel (%)	0035	0.7600	0.0000	0.7415	0.0402	0.0286	18	0.46	1%	0
035.42	Sodium, ICP, Open vessel (%)	0870	0.7626	0.0413	0.7415	0.0402	0.0286	18	0.52	1%	0
035.42	Sodium, ICP, Open vessel (%)	0692	0.7750	0.0300	0.7415	0.0402	0.0286	18	0.83	2%	0
035.42	Sodium, ICP, Open vessel (%)	0190	0.7850	0.0100	0.7415	0.0402	0.0286	18	1.08	3%	0
035.42	Sodium, ICP, Open vessel (%)	0726	0.7850	0.0300	0.7415	0.0402	0.0286	18	1.08	3%	0
035.42	Sodium, ICP, Open vessel (%)	0037	0.7860	0.0100	0.7415	0.0402	0.0286	18	1.11	3%	0
035.42	Sodium, ICP, Open vessel (%)	0045	0.7905	0.0190	0.7415	0.0402	0.0286	18	1.22	3%	0
035.43	Sodium, ICP, Microwave (%)	2192	0.6050	0.0300	0.7314	0.0378	0.0135	22	-3.35	9%	0
035.43	Sodium, ICP, Microwave (%)	0675	0.6600	0.0000	0.7314	0.0378	0.0135	22	-1.89	5%	0
035.43	Sodium, ICP, Microwave (%)	0297	0.6800	0.0200	0.7314	0.0378	0.0135	22	-1.36	4%	0
035.43	Sodium, ICP, Microwave (%)	0425	0.6850	0.0300	0.7314	0.0378	0.0135	22	-1.23	3%	0
035.43	Sodium, ICP, Microwave (%)	0512	0.7049	0.0585	0.7314	0.0378	0.0135	22	-0.70	2%	0
035.43	Sodium, ICP, Microwave (%)	0089	0.7100	0.0000	0.7314	0.0378	0.0135	22	-0.57	1%	0
035.43	Sodium, ICP, Microwave (%)	0682	0.7200	0.0000	0.7314	0.0378	0.0135	22	-0.30	1%	0
035.43	Sodium, ICP, Microwave (%)	0345	0.7240	0.0080	0.7314	0.0378	0.0135	22	-0.20	1%	0
035.43	Sodium, ICP, Microwave (%)	0083	0.7250	0.0100	0.7314	0.0378	0.0135	22	-0.17	0%	0
035.43	Sodium, ICP, Microwave (%)	0202	0.7250	0.0300	0.7314	0.0378	0.0135	22	-0.17	0%	0
035.43	Sodium, ICP, Microwave (%)	0964	0.7265	0.0068	0.7314	0.0378	0.0135	22	-0.13	0%	0
035.43	Sodium, ICP, Microwave (%)	0035	0.7300	0.0000	0.7314	0.0378	0.0135	22	-0.04	0%	0
035.43	Sodium, ICP, Microwave (%)	0098	0.7450	0.0300	0.7314	0.0378	0.0135	22	0.36	1%	0
035.43	Sodium, ICP, Microwave (%)	0407	0.7486	0.0333	0.7314	0.0378	0.0135	22	0.45	1%	0
035.43	Sodium, ICP, Microwave (%)	0870	0.7506	0.0131	0.7314	0.0378	0.0135	22	0.51	1%	0
035.43	Sodium, ICP, Microwave (%)	0918	0.7520	0.0060	0.7314	0.0378	0.0135	22	0.55	1%	0
035.43	Sodium, ICP, Microwave (%)	0006	0.7550	0.0000	0.7314	0.0378	0.0135	22	0.63	2%	0
035.43	Sodium, ICP, Microwave (%)	0353	0.7600	0.0200	0.7314	0.0378	0.0135	22	0.76	2%	0
035.43	Sodium, ICP, Microwave (%)	0510	0.7620	0.0000	0.7314	0.0378	0.0135	22	0.81	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data Value	Lab Data Range	Method Values Rob Mean	Method Values Robust SD	Method Values R-bar	Method Values # Labs	AAFCO PT Z Score	Threshold %RSD	Flag
035.43	Sodium, ICP, Microwave (%)	0017	0.7697	0.0004	0.7314	0.0378	0.0135	22	1.01	3%	0
035.43	Sodium, ICP, Microwave (%)	2089	0.7800	0.0000	0.7314	0.0378	0.0135	22	1.29	3%	0
035.43	Sodium, ICP, Microwave (%)	2326	0.8300	0.0000	0.7314	0.0378	0.0135	22	2.61	7%	0
035.51	Sodium, ICP-MS, Dry ash (%)	2146	0.7300	0.0200				1			0
035.52	Sodium, ICP-MS, Open vessel (%)	0560	0.6834	0.0271				3			0
035.52	Sodium, ICP-MS, Open vessel (%)	0154	0.6939	0.0374				3			0
035.52	Sodium, ICP-MS, Open vessel (%)	0186	0.7290	0.0040				3			0
035.53	Sodium, ICP-MS, Microwave (%)	0572	0.6095	0.0490	0.7109	0.0624	0.0438	5			0
035.53	Sodium, ICP-MS, Microwave (%)	0407	0.7011	0.0118	0.7109	0.0624	0.0438	5			0
035.53	Sodium, ICP-MS, Microwave (%)	0015	0.7240	0.0200	0.7109	0.0624	0.0438	5			0
035.53	Sodium, ICP-MS, Microwave (%)	0553	0.7500	0.0780	0.7109	0.0624	0.0438	5			0
035.53	Sodium, ICP-MS, Microwave (%)	0939	0.7700	0.0600	0.7109	0.0624	0.0438	5			0
035.99	Sodium, Miscellaneous (%)	0889	0.1200	0.0000				3			0
035.99	Sodium, Miscellaneous (%)	0242	0.6900	0.0000				3			0
035.99	Sodium, Miscellaneous (%)	0100	0.7800	0.0000				3			0
036.04	Sulfur, LECO (%)	0148	0.2440	0.0280				3			0
036.04	Sulfur, LECO (%)	0229	0.2850	0.0100				3			0
036.04	Sulfur, LECO (%)	0226	0.3100	0.0000				3			0
036.42	Sulfur, ICP, Open vessel (%)	0229	0.3100	0.0000	0.3415	0.0231	0.0124	21	-1.37	5%	0
036.42	Sulfur, ICP, Open vessel (%)	0366	0.3100	0.0000	0.3415	0.0231	0.0124	21	-1.37	5%	0
036.42	Sulfur, ICP, Open vessel (%)	2129	0.3115	0.0490	0.3415	0.0231	0.0124	21	-1.30	4%	0
036.42	Sulfur, ICP, Open vessel (%)	0278	0.3200	0.0200	0.3415	0.0231	0.0124	21	-0.93	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0045	0.3245	0.0170	0.3415	0.0231	0.0124	21	-0.74	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0357	0.3291	0.0000	0.3415	0.0231	0.0124	21	-0.54	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0693	0.3305	0.0290	0.3415	0.0231	0.0124	21	-0.48	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0186	0.3350	0.0020	0.3415	0.0231	0.0124	21	-0.28	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0726	0.3350	0.0100	0.3415	0.0231	0.0124	21	-0.28	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0692	0.3400	0.0200	0.3415	0.0231	0.0124	21	-0.07	0%	0
036.42	Sulfur, ICP, Open vessel (%)	0035	0.3400	0.0000	0.3415	0.0231	0.0124	21	-0.07	0%	0
036.42	Sulfur, ICP, Open vessel (%)	0265	0.3450	0.0300	0.3415	0.0231	0.0124	21	0.15	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0870	0.3456	0.0221	0.3415	0.0231	0.0124	21	0.17	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0407	0.3473	0.0024	0.3415	0.0231	0.0124	21	0.25	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0171	0.3500	0.0000	0.3415	0.0231	0.0124	21	0.37	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0294	0.3550	0.0100	0.3415	0.0231	0.0124	21	0.58	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0042	0.3600	0.0360	0.3415	0.0231	0.0124	21	0.80	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0708	0.3615	0.0010	0.3415	0.0231	0.0124	21	0.87	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0164	0.3700	0.0000	0.3415	0.0231	0.0124	21	1.23	4%	0
036.42	Sulfur, ICP, Open vessel (%)	0190	0.3850	0.0100	0.3415	0.0231	0.0124	21	1.89	6%	0
036.42	Sulfur, ICP, Open vessel (%)	0037	0.4155	0.0010	0.3415	0.0231	0.0124	21	3.21	11%	0
036.43	Sulfur, ICP, Microwave (%)	0297	0.3100	0.0200	0.3582	0.0254	0.0123	17	-1.89	7%	0
036.43	Sulfur, ICP, Microwave (%)	0407	0.3316	0.0218	0.3582	0.0254	0.0123	17	-1.05	4%	0
036.43	Sulfur, ICP, Microwave (%)	0964	0.3353	0.0039	0.3582	0.0254	0.0123	17	-0.90	3%	0

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036.43	Sulfur, ICP, Microwave (%)	0870	0.3389	0.0087	0.3582	0.0254	0.0123	17	-0.76	3%	0
036.43	Sulfur, ICP, Microwave (%)	0083	0.3400	0.0200	0.3582	0.0254	0.0123	17	-0.72	3%	0
036.43	Sulfur, ICP, Microwave (%)	0353	0.3450	0.0100	0.3582	0.0254	0.0123	17	-0.52	2%	0
036.43	Sulfur, ICP, Microwave (%)	0345	0.3465	0.0050	0.3582	0.0254	0.0123	17	-0.46	2%	0
036.43	Sulfur, ICP, Microwave (%)	2326	0.3550	0.0300	0.3582	0.0254	0.0123	17	-0.13	0%	0
036.43	Sulfur, ICP, Microwave (%)	0035	0.3600	0.0000	0.3582	0.0254	0.0123	17	0.07	0%	0
036.43	Sulfur, ICP, Microwave (%)	0918	0.3645	0.0050	0.3582	0.0254	0.0123	17	0.25	1%	0
036.43	Sulfur, ICP, Microwave (%)	0098	0.3649	0.0053	0.3582	0.0254	0.0123	17	0.26	1%	0
036.43	Sulfur, ICP, Microwave (%)	0202	0.3650	0.0300	0.3582	0.0254	0.0123	17	0.27	1%	0
036.43	Sulfur, ICP, Microwave (%)	0169	0.3700	0.0000	0.3582	0.0254	0.0123	17	0.46	2%	0
036.43	Sulfur, ICP, Microwave (%)	0682	0.3700	0.0000	0.3582	0.0254	0.0123	17	0.46	2%	0
036.43	Sulfur, ICP, Microwave (%)	0505	0.3900	0.0400	0.3582	0.0254	0.0123	17	1.25	4%	0
036.43	Sulfur, ICP, Microwave (%)	0510	0.4000	0.0000	0.3582	0.0254	0.0123	17	1.64	6%	0
036.43	Sulfur, ICP, Microwave (%)	2089	0.4150	0.0100	0.3582	0.0254	0.0123	17	2.23	8%	0
036.52	Sulfur, ICP-MS, Open vessel (%)	0910	0.3191	0.0372				3			0
036.52	Sulfur, ICP-MS, Open vessel (%)	0186	0.3470	0.0040				3			0
036.52	Sulfur, ICP-MS, Open vessel (%)	0560	0.3865	0.0128				3			0
036.53	Sulfur, ICP-MS, Microwave (%)	0553	0.3420	0.0240				1			0
036.99	Sulfur, Miscellaneous (%)	0889	0.2900	0.0000				2			0
036.99	Sulfur, Miscellaneous (%)	0242	0.3050	0.0100				2			0
037.31	Zinc, AAS, Dry ash (ppm)	0536	75.21	0.8400	533.4	30.04	5.028	12	-15.25	43%	0
037.31	Zinc, AAS, Dry ash (ppm)	0175	505.0	0.0000	533.4	30.04	5.028	12	-0.95	3%	0
037.31	Zinc, AAS, Dry ash (ppm)	0689	507.4	2.100	533.4	30.04	5.028	12	-0.87	2%	0
037.31	Zinc, AAS, Dry ash (ppm)	0529	508.5	9.000	533.4	30.04	5.028	12	-0.83	2%	0
037.31	Zinc, AAS, Dry ash (ppm)	2188	528.0	0.9400	533.4	30.04	5.028	12	-0.18	1%	0
037.31	Zinc, AAS, Dry ash (ppm)	2022	530.5	11.00	533.4	30.04	5.028	12	-0.10	0%	0
037.31	Zinc, AAS, Dry ash (ppm)	0921	538.9	12.90	533.4	30.04	5.028	12	0.18	1%	0
037.31	Zinc, AAS, Dry ash (ppm)	2146	547.8	9.700	533.4	30.04	5.028	12	0.48	1%	0
037.31	Zinc, AAS, Dry ash (ppm)	2246	553.4	6.420	533.4	30.04	5.028	12	0.67	2%	0
037.31	Zinc, AAS, Dry ash (ppm)	0939	560.2	2.930	533.4	30.04	5.028	12	0.89	3%	0
037.31	Zinc, AAS, Dry ash (ppm)	2196	564.7	0.0000	533.4	30.04	5.028	12	1.04	3%	0
037.31	Zinc, AAS, Dry ash (ppm)	0001	568.3	4.500	533.4	30.04	5.028	12	1.16	3%	0
037.33	Zinc, AAS, Microwave (ppm)	0010	575.0	10.00				2			0
037.33	Zinc, AAS, Microwave (ppm)	0948	576.2	5.030				2			0
037.41	Zinc, ICP, Dry ash (ppm)	0226	358.3	4.880	522.1	38.46	12.21	17	-4.26	16%	0
037.41	Zinc, ICP, Dry ash (ppm)	0049	466.5	18.19	522.1	38.46	12.21	17	-1.45	5%	0
037.41	Zinc, ICP, Dry ash (ppm)	0354	488.1	4.020	522.1	38.46	12.21	17	-0.88	3%	0
037.41	Zinc, ICP, Dry ash (ppm)	0910	491.5	27.00	522.1	38.46	12.21	17	-0.79	3%	0
037.41	Zinc, ICP, Dry ash (ppm)	0098	497.5	4.200	522.1	38.46	12.21	17	-0.64	2%	0
037.41	Zinc, ICP, Dry ash (ppm)	0520	504.0	44.00	522.1	38.46	12.21	17	-0.47	2%	0
037.41	Zinc, ICP, Dry ash (ppm)	0619	513.0	11.39	522.1	38.46	12.21	17	-0.24	1%	0
037.41	Zinc, ICP, Dry ash (ppm)	0004	524.6	10.82	522.1	38.46	12.21	17	0.07	0%	0

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037.41	Zinc, ICP, Dry ash (ppm)	0148	526.0	14.77	522.1	38.46	12.21	17	0.10	0%	0
037.41	Zinc, ICP, Dry ash (ppm)	0358	528.2	12.71	522.1	38.46	12.21	17	0.16	1%	0
037.41	Zinc, ICP, Dry ash (ppm)	0598	536.1	2.600	522.1	38.46	12.21	17	0.37	1%	0
037.41	Zinc, ICP, Dry ash (ppm)	0171	537.0	4.000	522.1	38.46	12.21	17	0.39	1%	0
037.41	Zinc, ICP, Dry ash (ppm)	0019	539.9	5.600	522.1	38.46	12.21	17	0.46	2%	0
037.41	Zinc, ICP, Dry ash (ppm)	0407	541.4	0.2262	522.1	38.46	12.21	17	0.50	2%	0
037.41	Zinc, ICP, Dry ash (ppm)	0074	563.5	27.00	522.1	38.46	12.21	17	1.08	4%	0
037.41	Zinc, ICP, Dry ash (ppm)	0229	573.7	15.00	522.1	38.46	12.21	17	1.34	5%	0
037.41	Zinc, ICP, Dry ash (ppm)	0848	584.8	1.250	522.1	38.46	12.21	17	1.63	6%	0
037.42	Zinc, ICP, Open vessel (ppm)	2129	461.7	47.20	536.9	45.79	24.12	17	-1.64	7%	0
037.42	Zinc, ICP, Open vessel (ppm)	0263	484.2	3.260	536.9	45.79	24.12	17	-1.15	5%	0
037.42	Zinc, ICP, Open vessel (ppm)	0045	485.5	13.00	536.9	45.79	24.12	17	-1.12	5%	0
037.42	Zinc, ICP, Open vessel (ppm)	0294	496.7	2.700	536.9	45.79	24.12	17	-0.88	4%	0
037.42	Zinc, ICP, Open vessel (ppm)	0186	518.5	5.000	536.9	45.79	24.12	17	-0.40	2%	0
037.42	Zinc, ICP, Open vessel (ppm)	0278	520.1	11.50	536.9	45.79	24.12	17	-0.37	2%	0
037.42	Zinc, ICP, Open vessel (ppm)	0009	530.2	33.14	536.9	45.79	24.12	17	-0.15	1%	0
037.42	Zinc, ICP, Open vessel (ppm)	0357	533.7	6.280	536.9	45.79	24.12	17	-0.07	0%	0
037.42	Zinc, ICP, Open vessel (ppm)	0870	535.1	6.700	536.9	45.79	24.12	17	-0.04	0%	0
037.42	Zinc, ICP, Open vessel (ppm)	2319	537.5	21.00	536.9	45.79	24.12	17	0.01	0%	0
037.42	Zinc, ICP, Open vessel (ppm)	0693	540.6	72.22	536.9	45.79	24.12	17	0.08	0%	0
037.42	Zinc, ICP, Open vessel (ppm)	0265	544.0	52.00	536.9	45.79	24.12	17	0.15	1%	0
037.42	Zinc, ICP, Open vessel (ppm)	0692	570.5	3.000	536.9	45.79	24.12	17	0.73	3%	0
037.42	Zinc, ICP, Open vessel (ppm)	0726	575.7	10.40	536.9	45.79	24.12	17	0.85	4%	0
037.42	Zinc, ICP, Open vessel (ppm)	0190	576.8	4.800	536.9	45.79	24.12	17	0.87	4%	0
037.42	Zinc, ICP, Open vessel (ppm)	0042	605.0	88.00	536.9	45.79	24.12	17	1.49	6%	0
037.42	Zinc, ICP, Open vessel (ppm)	0037	675.5	29.90	536.9	45.79	24.12	17	3.03	13%	0
037.42	Zinc, ICP, Open vessel (ppm)	0366	586.5	181.0	536.9	45.79	24.12	17	1.08	5%	1
037.43	Zinc, ICP, Microwave (ppm)	0353	461.5	3.000	545.9	30.51	11.84	23	-2.77	8%	0
037.43	Zinc, ICP, Microwave (ppm)	0675	498.6	29.28	545.9	30.51	11.84	23	-1.55	4%	0
037.43	Zinc, ICP, Microwave (ppm)	0345	507.0	6.000	545.9	30.51	11.84	23	-1.28	4%	0
037.43	Zinc, ICP, Microwave (ppm)	2234	509.6	13.36	545.9	30.51	11.84	23	-1.19	3%	0
037.43	Zinc, ICP, Microwave (ppm)	0870	519.6	5.600	545.9	30.51	11.84	23	-0.86	2%	0
037.43	Zinc, ICP, Microwave (ppm)	0918	524.6	13.72	545.9	30.51	11.84	23	-0.70	2%	0
037.43	Zinc, ICP, Microwave (ppm)	0083	528.0	2.000	545.9	30.51	11.84	23	-0.59	2%	0
037.43	Zinc, ICP, Microwave (ppm)	0964	530.0	24.00	545.9	30.51	11.84	23	-0.52	1%	0
037.43	Zinc, ICP, Microwave (ppm)	0425	537.2	6.500	545.9	30.51	11.84	23	-0.29	1%	0
037.43	Zinc, ICP, Microwave (ppm)	0505	539.0	3.400	545.9	30.51	11.84	23	-0.23	1%	0
037.43	Zinc, ICP, Microwave (ppm)	0297	552.0	10.00	545.9	30.51	11.84	23	0.20	1%	0
037.43	Zinc, ICP, Microwave (ppm)	0035	554.0	2.000	545.9	30.51	11.84	23	0.27	1%	0
037.43	Zinc, ICP, Microwave (ppm)	0098	554.1	32.10	545.9	30.51	11.84	23	0.27	1%	0
037.43	Zinc, ICP, Microwave (ppm)	0968	558.0	2.000	545.9	30.51	11.84	23	0.40	1%	0
037.43	Zinc, ICP, Microwave (ppm)	2326	560.5	29.00	545.9	30.51	11.84	23	0.48	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data Value	Lab Data Range	Method Values Rob Mean	Method Values Robust SD	Method Values R-bar	Method Values # Labs	AAFCO PT Z Score	Threshold %RSD	Flag
037.43	Zinc, ICP, Microwave (ppm)	0682	562.3	0.0000	545.9	30.51	11.84	23	0.54	1%	0
037.43	Zinc, ICP, Microwave (ppm)	2089	564.3	8.820	545.9	30.51	11.84	23	0.60	2%	0
037.43	Zinc, ICP, Microwave (ppm)	0169	566.0	6.000	545.9	30.51	11.84	23	0.66	2%	0
037.43	Zinc, ICP, Microwave (ppm)	0202	566.5	1.000	545.9	30.51	11.84	23	0.68	2%	0
037.43	Zinc, ICP, Microwave (ppm)	2192	572.0	40.00	545.9	30.51	11.84	23	0.86	2%	0
037.43	Zinc, ICP, Microwave (ppm)	0510	574.5	3.000	545.9	30.51	11.84	23	0.94	3%	0
037.43	Zinc, ICP, Microwave (ppm)	0407	584.6	2.281	545.9	30.51	11.84	23	1.27	4%	0
037.43	Zinc, ICP, Microwave (ppm)	0017	595.2	29.32	545.9	30.51	11.84	23	1.62	5%	0
037.43	Zinc, ICP, Microwave (ppm)	0512	567.0	103.4	545.9	30.51	11.84	23	0.69	2%	1
037.43	Zinc, ICP, Microwave (ppm)	0006	55.00	4.000	545.9	30.51	11.84	23	-16.09	45%	2
037.44	Zinc, ICP, Dry ash (ppm)	0164	519.5	9.000				2			0
037.44	Zinc, ICP, Dry ash (ppm)	0066	527.8	29.16				2			0
037.51	Zinc, ICP-MS, Dry ash (ppm)	2146	566.5	12.00				1			0
037.52	Zinc, ICP-MS, Open vessel (ppm)	0047	444.4	1.480	523.6	54.98	1.695	4			0
037.52	Zinc, ICP-MS, Open vessel (ppm)	0560	528.8	3.300	523.6	54.98	1.695	4			0
037.52	Zinc, ICP-MS, Open vessel (ppm)	0186	555.5	1.000	523.6	54.98	1.695	4			0
037.52	Zinc, ICP-MS, Open vessel (ppm)	0016	565.5	1.000	523.6	54.98	1.695	4			0
037.53	Zinc, ICP-MS, Microwave (ppm)	0572	459.5	63.00	536.1	49.15	39.74	5			0
037.53	Zinc, ICP-MS, Microwave (ppm)	0407	526.1	36.65	536.1	49.15	39.74	5			0
037.53	Zinc, ICP-MS, Microwave (ppm)	0939	540.0	36.00	536.1	49.15	39.74	5			0
037.53	Zinc, ICP-MS, Microwave (ppm)	0553	566.5	33.00	536.1	49.15	39.74	5			0
037.53	Zinc, ICP-MS, Microwave (ppm)	0015	588.6	30.07	536.1	49.15	39.74	5			0
037.99	Zinc, Miscellaneous (ppm)	0889	451.8	5.430				3			0
037.99	Zinc, Miscellaneous (ppm)	0242	505.5	5.000				3			0
037.99	Zinc, Miscellaneous (ppm)	0100	620.5	31.00				3			0
038.41	Molybdenum, ICP, Dry ash (ppm)	0226	1.820	0.0200				3			0
038.41	Molybdenum, ICP, Dry ash (ppm)	0407	1.845	0.0271				3			0
038.41	Molybdenum, ICP, Dry ash (ppm)	0171	1.905	0.0100				3			0
038.42	Molybdenum, ICP, Open vessel (ppm)	0278	1.825	0.0300	2.769	1.238	0.2098	4			0
038.42	Molybdenum, ICP, Open vessel (ppm)	0693	2.046	0.2390	2.769	1.238	0.2098	4			0
038.42	Molybdenum, ICP, Open vessel (ppm)	0045	2.655	0.2700	2.769	1.238	0.2098	4			0
038.42	Molybdenum, ICP, Open vessel (ppm)	0265	4.550	0.3000	2.769	1.238	0.2098	4			0
038.43	Molybdenum, ICP, Microwave (ppm)	0353	1.676	0.1059	2.005	0.2313	0.0401	9	-1.42	8%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0345	1.720	0.0200	2.005	0.2313	0.0401	9	-1.23	7%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0407	1.938	0.1176	2.005	0.2313	0.0401	9	-0.29	2%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0964	2.051	0.0575	2.005	0.2313	0.0401	9	0.20	1%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0297	2.055	0.0300	2.005	0.2313	0.0401	9	0.22	1%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0169	2.065	0.0100	2.005	0.2313	0.0401	9	0.26	1%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0083	2.100	0.0000	2.005	0.2313	0.0401	9	0.41	2%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0510	2.100	0.0000	2.005	0.2313	0.0401	9	0.41	2%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0202	2.340	0.0200	2.005	0.2313	0.0401	9	1.45	8%	0
038.52	Molybdenum, ICP-MS, Open vessel (ppm)	0910	1.980	0.0600				2			0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data Value	Lab Data Range	Method Values Rob Mean	Method Values Robust SD	Method Values R-bar	Method Values # Labs	AAFCO PT Z Score	Threshold %RSD	Flag
038.52	Molybdenum, ICP-MS, Open vessel (ppm)	0186	1.995	0.1700				2			0
038.53	Molybdenum, ICP-MS, Microwave (ppm)	0407	2.041	0.1428	2.193	0.1587	0.0631	5			0
038.53	Molybdenum, ICP-MS, Microwave (ppm)	0164	2.055	0.0500	2.193	0.1587	0.0631	5			0
038.53	Molybdenum, ICP-MS, Microwave (ppm)	0939	2.200	0.0400	2.193	0.1587	0.0631	5			0
038.53	Molybdenum, ICP-MS, Microwave (ppm)	0553	2.235	0.0300	2.193	0.1587	0.0631	5			0
038.53	Molybdenum, ICP-MS, Microwave (ppm)	0918	2.432	0.0526	2.193	0.1587	0.0631	5			0
040.52	Barium, ICP-MS, Open vessel (ppm)	0560	8.045	0.4500				1			0
040.53	Barium, ICP-MS, Microwave (ppm)	0918	7.674	0.1993				2			0
040.53	Barium, ICP-MS, Microwave (ppm)	0407	8.261	0.0986				2			0
041.53	Vanadium, ICP-MS, Microwave (ppm)	0407	2.463	0.0232				2			0
041.53	Vanadium, ICP-MS, Microwave (ppm)	0553	2.560	0.2400				2			0
042.00	Chloride, Titrimetric (%)	0619	1.180	0.0000	1.252	0.0651	0.0250	6	-1.10	3%	0
042.00	Chloride, Titrimetric (%)	0948	1.230	0.0200	1.252	0.0651	0.0250	6	-0.33	1%	0
042.00	Chloride, Titrimetric (%)	2319	1.235	0.0100	1.252	0.0651	0.0250	6	-0.25	1%	0
042.00	Chloride, Titrimetric (%)	2326	1.235	0.0100	1.252	0.0651	0.0250	6	-0.25	1%	0
042.00	Chloride, Titrimetric (%)	2199	1.280	0.0200	1.252	0.0651	0.0250	6	0.44	1%	0
042.00	Chloride, Titrimetric (%)	2200	1.445	0.0900	1.252	0.0651	0.0250	6	2.97	8%	0
042.01	Chloride, Ion-selective electrode (%)	0171	1.065	0.0100				1			0
042.99	Chloride, Miscellaneous (%)	0160	1.190	0.0000				3			0
042.99	Chloride, Miscellaneous (%)	0297	1.250	0.0000				3			0
042.99	Chloride, Miscellaneous (%)	0066	1.295	0.0500				3			0
101.99	Choline Chloride, Miscellaneous (ppm)	0227	2,430	80.00				1			0
102.01	Niacin, Microbiological (ppm)	0227	96.30	5.600				1			0
102.02	Niacin, LC (ppm)	0010	41.30	2.600				2			0
102.02	Niacin, LC (ppm)	2319	65.50	1.200				2			0
103.01	Pantothenic Acid, Microbiological (ppm)	0227	33.30	2.600				1			0
103.02	Pantothenic Acid, LC (ppm)	0010	34.20	1.400				1			0
104.00	Riboflavin, Fluorometric (ppm)	0227	10.80	0.8000				2			0
104.00	Riboflavin, Fluorometric (ppm)	0171	13.93	0.5500				2			0
104.03	Riboflavin, LC (ppm)	0910	7.390	1.580				3			0
104.03	Riboflavin, LC (ppm)	2319	8.745	2.090				3			0
104.03	Riboflavin, LC (ppm)	0010	10.75	0.3000				3			0
105.00	Thiamine, LC (ppm)	0910	2.275	0.2900				1			0
105.01	Thiamine, Fluorometer (ppm)	0227	2.885	0.0300				1			0
106.00	Vitamin A, Color (KU / kg)	0227	1.610	0.7600				1			0
106.01	Vitamin A, UV (KU / kg)	0098	< 0.8					0			5
106.02	Vitamin A, LC (KU / kg)	0905	0.8250	0.1900	1.869	0.9102	0.1625	4			0
106.02	Vitamin A, LC (KU / kg)	0148	1.635	0.1700	1.869	0.9102	0.1625	4			0
106.02	Vitamin A, LC (KU / kg)	0017	1.995	0.1700	1.869	0.9102	0.1625	4			0
106.02	Vitamin A, LC (KU / kg)	0921	3.020	0.1200	1.869	0.9102	0.1625	4			0
106.02	Vitamin A, LC (KU / kg)	0910	< 1		1.869	0.9102	0.1625	4			5
106.02	Vitamin A, LC (KU / kg)	2319	< 2		1.869	0.9102	0.1625	4			5

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106.02	Vitamin A, LC (KU / kg)	0004	< 4		1.869	0.9102	0.1625	4			5
106.02	Vitamin A, LC (KU / kg)	0014	< 22		1.869	0.9102	0.1625	4			5
106.02	Vitamin A, LC (KU / kg)	0638	< 2000		1.869	0.9102	0.1625	4			5
107.00	Vitamin B12, Microbiological (ppb)	0227	17.40	0.2000				1			0
108.02	Vitamin D3, LC (KU / kg)	0227	2.470	0.1400				3			0
108.02	Vitamin D3, LC (KU / kg)	2319	2.580	1.520				3			0
108.02	Vitamin D3, LC (KU / kg)	0910	2.625	1.590				3			0
108.02	Vitamin D3, LC (KU / kg)	0675	5.050	0.7400				3			2
108.99	Vitamin D3, Miscellaneous (KU / kg)	0010	2.450	0.4400				1			0
109.02	Vitamin E, LC (IU / kg)	0098	36.60	5.200	48.02	6.033	3.046	8	-1.89	12%	0
109.02	Vitamin E, LC (IU / kg)	0905	41.73	1.300	48.02	6.033	3.046	8	-1.04	7%	0
109.02	Vitamin E, LC (IU / kg)	0910	47.30	4.600	48.02	6.033	3.046	8	-0.12	1%	0
109.02	Vitamin E, LC (IU / kg)	0921	48.00	6.400	48.02	6.033	3.046	8	0.00	0%	0
109.02	Vitamin E, LC (IU / kg)	2319	50.55	2.300	48.02	6.033	3.046	8	0.42	3%	0
109.02	Vitamin E, LC (IU / kg)	0036	51.00	3.800	48.02	6.033	3.046	8	0.49	3%	0
109.02	Vitamin E, LC (IU / kg)	0148	51.70	0.3700	48.02	6.033	3.046	8	0.61	4%	0
109.02	Vitamin E, LC (IU / kg)	0227	54.90	0.4000	48.02	6.033	3.046	8	1.14	7%	0
109.99	Vitamin E, Miscellaneous (IU / kg)	0171	46.00	0.0000				1			0
111.00	Vitamin C, Phosphorylated, LC (ppm)	0227	< 4.4					0			5
112.01	Pyridoxine, LC (µg / g)	0227	3.310	0.0400				1			0
113.01	Folic Acid, Micro (ppm)	0227	0.8205	0.0190				1			0
114.01	Biotin, Microbiological (ppm)	0227	0.2000	0.0040				1			0
115.00	Non Protein N (NPN), Urea + Am, Urease method (%)	0098	0.5350	0.0100				1			0
118.99	Peroxide value, Miscellaneous (meq/kg)	2081	8.325	4.770				1			0
120.00	Alanine, Post-col Ninhydrin Der (%)	0171	0.6250	0.0300	0.7282	0.0402	0.0086	18	-2.57	7%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	2322	0.6270	0.0000	0.7282	0.0402	0.0086	18	-2.52	7%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0353	0.6700	0.0000	0.7282	0.0402	0.0086	18	-1.45	4%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0675	0.7050	0.0100	0.7282	0.0402	0.0086	18	-0.58	2%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	2022	0.7050	0.0100	0.7282	0.0402	0.0086	18	-0.58	2%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0619	0.7130	0.0100	0.7282	0.0402	0.0086	18	-0.38	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0682	0.7190	0.0000	0.7282	0.0402	0.0086	18	-0.23	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0918	0.7247	0.0015	0.7282	0.0402	0.0086	18	-0.09	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0859	0.7301	0.0179	0.7282	0.0402	0.0086	18	0.05	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0354	0.7325	0.0050	0.7282	0.0402	0.0086	18	0.11	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0968	0.7350	0.0100	0.7282	0.0402	0.0086	18	0.17	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0226	0.7466	0.0057	0.7282	0.0402	0.0086	18	0.46	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0870	0.7521	0.0174	0.7282	0.0402	0.0086	18	0.60	2%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	2059	0.7585	0.0050	0.7282	0.0402	0.0086	18	0.75	2%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0652	0.7600	0.0200	0.7282	0.0402	0.0086	18	0.79	2%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0644	0.7630	0.0000	0.7282	0.0402	0.0086	18	0.87	2%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0571	0.7710	0.0120	0.7282	0.0402	0.0086	18	1.07	3%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0941	0.7860	0.0000	0.7282	0.0402	0.0086	18	1.44	4%	0

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120.00	Alanine, Post-col Ninhydrin Der (%)	0910	0.7750	0.0500	0.7282	0.0402	0.0086	18	1.17	3%	1
120.02	Alanine, Post-col OPA Der (%)	0098	0.7780	0.0060				1			0
120.05	Alanine, Pre-col AQC Der (%)	2246	0.6200	0.0000	0.7113	0.0627	0.0099	8	-1.46	6%	0
120.05	Alanine, Pre-col AQC Der (%)	0407	0.6530	0.0160	0.7113	0.0627	0.0099	8	-0.93	4%	0
120.05	Alanine, Pre-col AQC Der (%)	0148	0.6850	0.0100	0.7113	0.0627	0.0099	8	-0.42	2%	0
120.05	Alanine, Pre-col AQC Der (%)	0610	0.7250	0.0100	0.7113	0.0627	0.0099	8	0.22	1%	0
120.05	Alanine, Pre-col AQC Der (%)	2319	0.7300	0.0000	0.7113	0.0627	0.0099	8	0.30	1%	0
120.05	Alanine, Pre-col AQC Der (%)	2196	0.7360	0.0000	0.7113	0.0627	0.0099	8	0.39	2%	0
120.05	Alanine, Pre-col AQC Der (%)	2188	0.7515	0.0030	0.7113	0.0627	0.0099	8	0.64	3%	0
120.05	Alanine, Pre-col AQC Der (%)	0626	0.7900	0.0400	0.7113	0.0627	0.0099	8	1.26	6%	0
120.99	Alanine, Miscellaneous (%)	0889	0.6600	0.0000				3			0
120.99	Alanine, Miscellaneous (%)	2146	0.7500	0.0000				3			0
120.99	Alanine, Miscellaneous (%)	2144	0.7800	0.0000				3			0
120.99	Alanine, Miscellaneous (%)	0227	0.7450	0.0100				3			1
121.00	Arginine, Post-col Ninhydrin Der (%)	0171	0.7950	0.0300	0.9283	0.0565	0.0127	19	-2.36	7%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	2322	0.8120	0.0000	0.9283	0.0565	0.0127	19	-2.06	6%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0675	0.8600	0.0200	0.9283	0.0565	0.0127	19	-1.21	4%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0859	0.8718	0.0235	0.9283	0.0565	0.0127	19	-1.00	3%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0870	0.8976	0.0328	0.9283	0.0565	0.0127	19	-0.54	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0918	0.8991	0.0115	0.9283	0.0565	0.0127	19	-0.52	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0682	0.9230	0.0000	0.9283	0.0565	0.0127	19	-0.09	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0619	0.9240	0.0040	0.9283	0.0565	0.0127	19	-0.08	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	2022	0.9250	0.0300	0.9283	0.0565	0.0127	19	-0.06	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0353	0.9300	0.0200	0.9283	0.0565	0.0127	19	0.03	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0968	0.9300	0.0200	0.9283	0.0565	0.0127	19	0.03	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0652	0.9300	0.0000	0.9283	0.0565	0.0127	19	0.03	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0354	0.9490	0.0120	0.9283	0.0565	0.0127	19	0.37	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0644	0.9700	0.0000	0.9283	0.0565	0.0127	19	0.74	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	2059	0.9745	0.0010	0.9283	0.0565	0.0127	19	0.82	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0226	0.9837	0.0075	0.9283	0.0565	0.0127	19	0.98	3%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0571	0.9875	0.0190	0.9283	0.0565	0.0127	19	1.05	3%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0910	0.9950	0.0100	0.9283	0.0565	0.0127	19	1.18	4%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0941	1.001	0.0000	0.9283	0.0565	0.0127	19	1.29	4%	0
121.02	Arginine, Post-col OPA Der (%)	0098	0.9465	0.0050				1			0
121.05	Arginine, Pre-col AQC Der (%)	0148	0.5150	0.0700	0.8611	0.1505	0.0209	8	-2.30	20%	0
121.05	Arginine, Pre-col AQC Der (%)	0407	0.6765	0.0670	0.8611	0.1505	0.0209	8	-1.23	11%	0
121.05	Arginine, Pre-col AQC Der (%)	2246	0.8500	0.0000	0.8611	0.1505	0.0209	8	-0.07	1%	0
121.05	Arginine, Pre-col AQC Der (%)	2188	0.9010	0.0000	0.8611	0.1505	0.0209	8	0.27	2%	0
121.05	Arginine, Pre-col AQC Der (%)	2319	0.9500	0.0000	0.8611	0.1505	0.0209	8	0.59	5%	0
121.05	Arginine, Pre-col AQC Der (%)	2196	0.9510	0.0000	0.8611	0.1505	0.0209	8	0.60	5%	0
121.05	Arginine, Pre-col AQC Der (%)	0610	0.9600	0.0200	0.8611	0.1505	0.0209	8	0.66	6%	0
121.05	Arginine, Pre-col AQC Der (%)	0626	0.9650	0.0100	0.8611	0.1505	0.0209	8	0.69	6%	0

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121.99	Arginine, Miscellaneous (%)	0889	0.7850	0.0100				2			0
121.99	Arginine, Miscellaneous (%)	0227	0.9100	0.0000				2			0
122.00	Aspartic, Post-col Ninhydrin Der (%)	2322	1.114	0.0000	1.283	0.0646	0.0214	19	-2.62	7%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0353	1.170	0.0600	1.283	0.0646	0.0214	19	-1.75	4%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0226	1.209	0.0092	1.283	0.0646	0.0214	19	-1.15	3%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0918	1.218	0.0079	1.283	0.0646	0.0214	19	-1.00	3%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0682	1.242	0.0000	1.283	0.0646	0.0214	19	-0.63	2%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0675	1.255	0.0100	1.283	0.0646	0.0214	19	-0.43	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0859	1.259	0.0223	1.283	0.0646	0.0214	19	-0.37	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	2022	1.270	0.0200	1.283	0.0646	0.0214	19	-0.20	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0870	1.289	0.0175	1.283	0.0646	0.0214	19	0.09	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0968	1.290	0.0400	1.283	0.0646	0.0214	19	0.11	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0171	1.295	0.0300	1.283	0.0646	0.0214	19	0.19	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0354	1.303	0.0580	1.283	0.0646	0.0214	19	0.31	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0644	1.305	0.0110	1.283	0.0646	0.0214	19	0.33	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0619	1.310	0.0600	1.283	0.0646	0.0214	19	0.42	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0652	1.335	0.0300	1.283	0.0646	0.0214	19	0.81	2%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0941	1.341	0.0000	1.283	0.0646	0.0214	19	0.90	2%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	2059	1.349	0.0030	1.283	0.0646	0.0214	19	1.02	3%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0571	1.355	0.0170	1.283	0.0646	0.0214	19	1.11	3%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0910	1.385	0.0100	1.283	0.0646	0.0214	19	1.58	4%	0
122.02	Aspartic, Post-col OPA Der (%)	0098	1.335	0.0180				1			0
122.05	Aspartic, Pre-col AQC Der (%)	0148	0.6650	0.0300	1.194	0.1830	0.0350	8	-2.89	22%	0
122.05	Aspartic, Pre-col AQC Der (%)	2246	1.040	0.0400	1.194	0.1830	0.0350	8	-0.84	6%	0
122.05	Aspartic, Pre-col AQC Der (%)	0407	1.084	0.0280	1.194	0.1830	0.0350	8	-0.60	5%	0
122.05	Aspartic, Pre-col AQC Der (%)	2188	1.208	0.0020	1.194	0.1830	0.0350	8	0.08	1%	0
122.05	Aspartic, Pre-col AQC Der (%)	0610	1.295	0.0300	1.194	0.1830	0.0350	8	0.55	4%	0
122.05	Aspartic, Pre-col AQC Der (%)	2196	1.318	0.0000	1.194	0.1830	0.0350	8	0.68	5%	0
122.05	Aspartic, Pre-col AQC Der (%)	2319	1.320	0.0600	1.194	0.1830	0.0350	8	0.69	5%	0
122.05	Aspartic, Pre-col AQC Der (%)	0626	1.365	0.0900	1.194	0.1830	0.0350	8	0.94	7%	0
122.99	Aspartic, Miscellaneous (%)	0889	1.165	0.0100	1.306	0.1063	0.0075	4			0
122.99	Aspartic, Miscellaneous (%)	0227	1.290	0.0200	1.306	0.1063	0.0075	4			0
122.99	Aspartic, Miscellaneous (%)	2146	1.360	0.0000	1.306	0.1063	0.0075	4			0
122.99	Aspartic, Miscellaneous (%)	2144	1.410	0.0000	1.306	0.1063	0.0075	4			0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0870	0.2115	0.0034	0.2548	0.0256	0.0104	18	-1.69	8%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0353	0.2150	0.0300	0.2548	0.0256	0.0104	18	-1.55	8%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	2322	0.2195	0.0010	0.2548	0.0256	0.0104	18	-1.38	7%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0859	0.2298	0.0058	0.2548	0.0256	0.0104	18	-0.97	5%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0644	0.2480	0.0080	0.2548	0.0256	0.0104	18	-0.26	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0968	0.2490	0.0020	0.2548	0.0256	0.0104	18	-0.22	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	2022	0.2500	0.0000	0.2548	0.0256	0.0104	18	-0.19	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0226	0.2540	0.0013	0.2548	0.0256	0.0104	18	-0.03	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data Value	Lab Data Range	Method Values Rob Mean	Method Values Robust SD	Method Values R-bar	Method Values # Labs	AAFCO PT Z Score	Threshold %RSD	Flag
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0652	0.2550	0.0300	0.2548	0.0256	0.0104	18	0.01	0%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	2059	0.2570	0.0000	0.2548	0.0256	0.0104	18	0.09	0%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0571	0.2630	0.0060	0.2548	0.0256	0.0104	18	0.32	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0354	0.2635	0.0070	0.2548	0.0256	0.0104	18	0.34	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0910	0.2650	0.0300	0.2548	0.0256	0.0104	18	0.40	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0941	0.2690	0.0000	0.2548	0.0256	0.0104	18	0.56	3%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0675	0.2750	0.0300	0.2548	0.0256	0.0104	18	0.79	4%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0619	0.2770	0.0220	0.2548	0.0256	0.0104	18	0.87	4%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0171	0.2850	0.0100	0.2548	0.0256	0.0104	18	1.18	6%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0682	0.2990	0.0000	0.2548	0.0256	0.0104	18	1.73	9%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0918	0.2500	0.0800	0.2548	0.0256	0.0104	18	-0.19	1%	1
124.02	Cysteine/Cystine, PAO Post-col OPA Der (%)	0098	0.2815	0.0090				1			0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	2246	0.1565	0.0010	0.2432	0.0499	0.0024	5			0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	2196	0.2450	0.0000	0.2432	0.0499	0.0024	5			0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	2188	0.2695	0.0010	0.2432	0.0499	0.0024	5			0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	2319	0.2700	0.0000	0.2432	0.0499	0.0024	5			0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0610	0.2750	0.0100	0.2432	0.0499	0.0024	5			0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0148	0.2840	0.0460	0.2432	0.0499	0.0024	5			1
124.99	Cysteine/Cystine, Miscellaneous (%)	0889	0.2150	0.0100	0.2475	0.0240	0.0100	4			0
124.99	Cysteine/Cystine, Miscellaneous (%)	0227	0.2450	0.0100	0.2475	0.0240	0.0100	4			0
124.99	Cysteine/Cystine, Miscellaneous (%)	2146	0.2600	0.0200	0.2475	0.0240	0.0100	4			0
124.99	Cysteine/Cystine, Miscellaneous (%)	2144	0.2700	0.0000	0.2475	0.0240	0.0100	4			0
125.00	Glutamic, Post-col Ninhydrin Der (%)	2022	2.300	0.0800	2.786	0.1363	0.0336	19	-3.57	9%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	2322	2.471	0.0430	2.786	0.1363	0.0336	19	-2.32	6%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0918	2.634	0.0162	2.786	0.1363	0.0336	19	-1.12	3%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0171	2.655	0.0300	2.786	0.1363	0.0336	19	-0.96	2%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0859	2.727	0.0797	2.786	0.1363	0.0336	19	-0.43	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0675	2.730	0.0200	2.786	0.1363	0.0336	19	-0.41	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0682	2.747	0.0000	2.786	0.1363	0.0336	19	-0.29	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0652	2.755	0.0100	2.786	0.1363	0.0336	19	-0.23	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0353	2.765	0.0100	2.786	0.1363	0.0336	19	-0.16	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0354	2.788	0.0180	2.786	0.1363	0.0336	19	0.01	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0968	2.800	0.0200	2.786	0.1363	0.0336	19	0.10	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	2059	2.828	0.0030	2.786	0.1363	0.0336	19	0.30	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0644	2.844	0.0020	2.786	0.1363	0.0336	19	0.42	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0571	2.855	0.0570	2.786	0.1363	0.0336	19	0.50	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0619	2.865	0.0700	2.786	0.1363	0.0336	19	0.58	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0870	2.878	0.0656	2.786	0.1363	0.0336	19	0.67	2%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0941	2.927	0.0000	2.786	0.1363	0.0336	19	1.03	3%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0226	3.002	0.0230	2.786	0.1363	0.0336	19	1.58	4%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0910	3.005	0.0900	2.786	0.1363	0.0336	19	1.60	4%	0
125.02	Glutamic, Post-col OPA Der (%)	0098	2.845	0.0460				1			0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data Value	Lab Data Range	Method Values Rob Mean	Method Values Robust SD	Method Values R-bar	Method Values # Labs	AAFCO PT Z Score	Threshold %RSD	Flag
125.05	Glutamic, Pre-col AQC Der (%)	2246	2.200	0.0400	2.758	0.1410	0.0640	8	-3.96	10%	0
125.05	Glutamic, Pre-col AQC Der (%)	0148	2.650	0.0400	2.758	0.1410	0.0640	8	-0.77	2%	0
125.05	Glutamic, Pre-col AQC Der (%)	0407	2.702	0.1620	2.758	0.1410	0.0640	8	-0.40	1%	0
125.05	Glutamic, Pre-col AQC Der (%)	2188	2.756	0.0000	2.758	0.1410	0.0640	8	-0.02	0%	0
125.05	Glutamic, Pre-col AQC Der (%)	0610	2.800	0.0400	2.758	0.1410	0.0640	8	0.30	1%	0
125.05	Glutamic, Pre-col AQC Der (%)	2319	2.805	0.0700	2.758	0.1410	0.0640	8	0.33	1%	0
125.05	Glutamic, Pre-col AQC Der (%)	2196	2.866	0.0000	2.758	0.1410	0.0640	8	0.76	2%	0
125.05	Glutamic, Pre-col AQC Der (%)	0626	2.940	0.1600	2.758	0.1410	0.0640	8	1.29	3%	0
125.99	Glutamic, Miscellaneous (%)	0889	2.335	0.0900	2.616	0.2078	0.0425	4			0
125.99	Glutamic, Miscellaneous (%)	2146	2.590	0.0200	2.616	0.2078	0.0425	4			0
125.99	Glutamic, Miscellaneous (%)	2144	2.735	0.0100	2.616	0.2078	0.0425	4			0
125.99	Glutamic, Miscellaneous (%)	0227	2.805	0.0500	2.616	0.2078	0.0425	4			0
126.00	Glycine, Post-col Ninhydrin Der (%)	2322	0.6885	0.0030	0.7397	0.0381	0.0151	19	-1.34	3%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0353	0.6900	0.0200	0.7397	0.0381	0.0151	19	-1.30	3%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0675	0.6950	0.0100	0.7397	0.0381	0.0151	19	-1.17	3%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0918	0.7018	0.0024	0.7397	0.0381	0.0151	19	-0.99	3%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	2022	0.7150	0.0300	0.7397	0.0381	0.0151	19	-0.65	2%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0859	0.7161	0.0058	0.7397	0.0381	0.0151	19	-0.62	2%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0171	0.7200	0.0000	0.7397	0.0381	0.0151	19	-0.52	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0870	0.7279	0.0094	0.7397	0.0381	0.0151	19	-0.31	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0354	0.7345	0.0030	0.7397	0.0381	0.0151	19	-0.14	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0968	0.7400	0.0400	0.7397	0.0381	0.0151	19	0.01	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0682	0.7440	0.0000	0.7397	0.0381	0.0151	19	0.11	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0226	0.7550	0.0057	0.7397	0.0381	0.0151	19	0.40	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0619	0.7600	0.0240	0.7397	0.0381	0.0151	19	0.53	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0571	0.7625	0.0170	0.7397	0.0381	0.0151	19	0.60	2%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	2059	0.7670	0.0020	0.7397	0.0381	0.0151	19	0.72	2%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0652	0.7750	0.0500	0.7397	0.0381	0.0151	19	0.93	2%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0644	0.7800	0.0140	0.7397	0.0381	0.0151	19	1.06	3%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0910	0.7850	0.0500	0.7397	0.0381	0.0151	19	1.19	3%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0941	0.8030	0.0000	0.7397	0.0381	0.0151	19	1.66	4%	0
126.02	Glycine, Post-col OPA Der (%)	0098	0.7720	0.0200				1			0
126.05	Glycine, Pre-col AQC Der (%)	0407	0.6690	0.0400	0.7414	0.0501	0.0114	7	-1.44	5%	0
126.05	Glycine, Pre-col AQC Der (%)	2246	0.7100	0.0000	0.7414	0.0501	0.0114	7	-0.63	2%	0
126.05	Glycine, Pre-col AQC Der (%)	2188	0.7230	0.0000	0.7414	0.0501	0.0114	7	-0.37	1%	0
126.05	Glycine, Pre-col AQC Der (%)	2196	0.7480	0.0000	0.7414	0.0501	0.0114	7	0.13	0%	0
126.05	Glycine, Pre-col AQC Der (%)	0610	0.7600	0.0000	0.7414	0.0501	0.0114	7	0.37	1%	0
126.05	Glycine, Pre-col AQC Der (%)	2319	0.7850	0.0100	0.7414	0.0501	0.0114	7	0.87	3%	0
126.05	Glycine, Pre-col AQC Der (%)	0626	0.7950	0.0300	0.7414	0.0501	0.0114	7	1.07	4%	0
126.05	Glycine, Pre-col AQC Der (%)	0148	1.410	0.1400	0.7414	0.0501	0.0114	7	13.33	45%	1
126.99	Glycine, Miscellaneous (%)	2144	0.7400	0.0000				3			0
126.99	Glycine, Miscellaneous (%)	0227	0.7500	0.0200				3			0

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126.99	Glycine, Miscellaneous (%)	2146	0.7700	0.0200				3			0
126.99	Glycine, Miscellaneous (%)	0889	0.3700	0.0000				3			2
127.00	Histidine, Post-col Ninhydrin Der (%)	0353	0.3450	0.0100	0.3779	0.0230	0.0094	19	-1.43	4%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0859	0.3469	0.0095	0.3779	0.0230	0.0094	19	-1.35	4%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0870	0.3521	0.0075	0.3779	0.0230	0.0094	19	-1.13	3%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0226	0.3614	0.0029	0.3779	0.0230	0.0094	19	-0.72	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0354	0.3615	0.0010	0.3779	0.0230	0.0094	19	-0.71	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0675	0.3650	0.0300	0.3779	0.0230	0.0094	19	-0.56	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0918	0.3678	0.0056	0.3779	0.0230	0.0094	19	-0.44	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	2322	0.3680	0.0020	0.3779	0.0230	0.0094	19	-0.43	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0968	0.3750	0.0100	0.3779	0.0230	0.0094	19	-0.13	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	2059	0.3795	0.0070	0.3779	0.0230	0.0094	19	0.07	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0571	0.3830	0.0100	0.3779	0.0230	0.0094	19	0.22	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0644	0.3840	0.0060	0.3779	0.0230	0.0094	19	0.27	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0619	0.3855	0.0270	0.3779	0.0230	0.0094	19	0.33	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0652	0.3900	0.0000	0.3779	0.0230	0.0094	19	0.53	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0910	0.3950	0.0100	0.3779	0.0230	0.0094	19	0.74	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0682	0.3980	0.0000	0.3779	0.0230	0.0094	19	0.88	3%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0941	0.3980	0.0000	0.3779	0.0230	0.0094	19	0.88	3%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	2022	0.4250	0.0100	0.3779	0.0230	0.0094	19	2.05	6%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0171	0.4450	0.0300	0.3779	0.0230	0.0094	19	2.92	9%	0
127.02	Histidine, Post-col OPA Der (%)	0098	0.3885	0.0010				1			0
127.05	Histidine, Pre-col AQC Der (%)	0407	0.3145	0.0190	0.3747	0.0576	0.0101	8	-1.04	8%	0
127.05	Histidine, Pre-col AQC Der (%)	0148	0.3150	0.0300	0.3747	0.0576	0.0101	8	-1.04	8%	0
127.05	Histidine, Pre-col AQC Der (%)	2188	0.3430	0.0020	0.3747	0.0576	0.0101	8	-0.55	4%	0
127.05	Histidine, Pre-col AQC Der (%)	0610	0.3700	0.0000	0.3747	0.0576	0.0101	8	-0.08	1%	0
127.05	Histidine, Pre-col AQC Der (%)	0626	0.3700	0.0200	0.3747	0.0576	0.0101	8	-0.08	1%	0
127.05	Histidine, Pre-col AQC Der (%)	2319	0.4000	0.0000	0.3747	0.0576	0.0101	8	0.44	3%	0
127.05	Histidine, Pre-col AQC Der (%)	2196	0.4400	0.0000	0.3747	0.0576	0.0101	8	1.13	9%	0
127.05	Histidine, Pre-col AQC Der (%)	2246	0.4450	0.0100	0.3747	0.0576	0.0101	8	1.22	9%	0
127.99	Histidine, Miscellaneous (%)	0889	0.3700	0.0000	0.3913	0.0189	0.0075	4			0
127.99	Histidine, Miscellaneous (%)	0227	0.3850	0.0100	0.3913	0.0189	0.0075	4			0
127.99	Histidine, Miscellaneous (%)	2144	0.3950	0.0100	0.3913	0.0189	0.0075	4			0
127.99	Histidine, Miscellaneous (%)	2146	0.4150	0.0100	0.3913	0.0189	0.0075	4			0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0171	0.3850	0.0100	0.5290	0.0676	0.0082	18	-2.13	14%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	2322	0.4270	0.0020	0.5290	0.0676	0.0082	18	-1.51	10%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0870	0.4532	0.0277	0.5290	0.0676	0.0082	18	-1.12	7%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0353	0.4750	0.0100	0.5290	0.0676	0.0082	18	-0.80	5%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0675	0.4950	0.0100	0.5290	0.0676	0.0082	18	-0.50	3%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0918	0.5005	0.0090	0.5290	0.0676	0.0082	18	-0.42	3%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0354	0.5115	0.0030	0.5290	0.0676	0.0082	18	-0.26	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0619	0.5220	0.0100	0.5290	0.0676	0.0082	18	-0.10	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data Value	Lab Data Range	Method Values Rob Mean	Method Values Robust SD	Method Values R-bar	Method Values # Labs	AAFCO PT Z Score	Threshold %RSD	Flag
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0968	0.5300	0.0000	0.5290	0.0676	0.0082	18	0.02	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0682	0.5310	0.0000	0.5290	0.0676	0.0082	18	0.03	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0859	0.5329	0.0091	0.5290	0.0676	0.0082	18	0.06	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0652	0.5350	0.0100	0.5290	0.0676	0.0082	18	0.09	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0571	0.5815	0.0050	0.5290	0.0676	0.0082	18	0.78	5%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0644	0.5890	0.0020	0.5290	0.0676	0.0082	18	0.89	6%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0941	0.5930	0.0000	0.5290	0.0676	0.0082	18	0.95	6%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	2059	0.5940	0.0040	0.5290	0.0676	0.0082	18	0.96	6%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0910	0.5950	0.0300	0.5290	0.0676	0.0082	18	0.98	6%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0226	0.6277	0.0050	0.5290	0.0676	0.0082	18	1.46	9%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	2022	0.5150	0.0500	0.5290	0.0676	0.0082	18	-0.21	1%	1
128.02	Isoleucine, Post-col OPA Der (%)	0098	0.5935	0.0010				1			0
128.05	Isoleucine, Pre-col AQC Der (%)	2319	0.4800	0.0200	0.5403	0.0519	0.0151	8	-1.16	6%	0
128.05	Isoleucine, Pre-col AQC Der (%)	2246	0.4950	0.0100	0.5403	0.0519	0.0151	8	-0.87	4%	0
128.05	Isoleucine, Pre-col AQC Der (%)	0148	0.5100	0.0200	0.5403	0.0519	0.0151	8	-0.58	3%	0
128.05	Isoleucine, Pre-col AQC Der (%)	0407	0.5280	0.0560	0.5403	0.0519	0.0151	8	-0.24	1%	0
128.05	Isoleucine, Pre-col AQC Der (%)	0626	0.5500	0.0000	0.5403	0.0519	0.0151	8	0.19	1%	0
128.05	Isoleucine, Pre-col AQC Der (%)	2188	0.5565	0.0050	0.5403	0.0519	0.0151	8	0.31	1%	0
128.05	Isoleucine, Pre-col AQC Der (%)	0610	0.5950	0.0100	0.5403	0.0519	0.0151	8	1.05	5%	0
128.05	Isoleucine, Pre-col AQC Der (%)	2196	0.6080	0.0000	0.5403	0.0519	0.0151	8	1.30	6%	0
128.99	Isoleucine, Miscellaneous (%)	0889	0.5200	0.0000				3			0
128.99	Isoleucine, Miscellaneous (%)	0227	0.5500	0.0000				3			0
128.99	Isoleucine, Miscellaneous (%)	2144	0.5800	0.0000				3			0
128.99	Isoleucine, Miscellaneous (%)	2146	0.5750	0.0100				3			1
129.00	Leucine, Post-col Ninhydrin Der (%)	2322	0.9485	0.0010	1.109	0.0586	0.0136	19	-2.74	7%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0171	0.9700	0.0200	1.109	0.0586	0.0136	19	-2.37	6%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	2022	1.055	0.0300	1.109	0.0586	0.0136	19	-0.92	2%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0870	1.070	0.0345	1.109	0.0586	0.0136	19	-0.67	2%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0682	1.071	0.0000	1.109	0.0586	0.0136	19	-0.65	2%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0652	1.085	0.0100	1.109	0.0586	0.0136	19	-0.41	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0675	1.085	0.0100	1.109	0.0586	0.0136	19	-0.41	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0859	1.094	0.0304	1.109	0.0586	0.0136	19	-0.26	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0918	1.094	0.0233	1.109	0.0586	0.0136	19	-0.25	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0619	1.100	0.0200	1.109	0.0586	0.0136	19	-0.15	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0353	1.105	0.0100	1.109	0.0586	0.0136	19	-0.07	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0968	1.105	0.0100	1.109	0.0586	0.0136	19	-0.07	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0644	1.150	0.0120	1.109	0.0586	0.0136	19	0.70	2%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0354	1.151	0.0140	1.109	0.0586	0.0136	19	0.72	2%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	2059	1.151	0.0100	1.109	0.0586	0.0136	19	0.72	2%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0571	1.163	0.0040	1.109	0.0586	0.0136	19	0.92	2%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0910	1.175	0.0100	1.109	0.0586	0.0136	19	1.13	3%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0941	1.178	0.0000	1.109	0.0586	0.0136	19	1.18	3%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data Value	Lab Data Range	Method Values Rob Mean	Method Values Robust SD	Method Values R-bar	Method Values # Labs	AAFCO PT Z Score	Threshold %RSD	Flag
129.00	Leucine, Post-col Ninhydrin Der (%)	0226	1.208	0.0094	1.109	0.0586	0.0136	19	1.69	4%	0
129.02	Leucine, Post-col OPA Der (%)	0098	1.157	0.0140				1			0
129.05	Leucine, Pre-col AQC Der (%)	0148	1.015	0.0300	1.076	0.0501	0.0284	8	-1.21	3%	0
129.05	Leucine, Pre-col AQC Der (%)	2246	1.030	0.0200	1.076	0.0501	0.0284	8	-0.91	2%	0
129.05	Leucine, Pre-col AQC Der (%)	0407	1.042	0.1030	1.076	0.0501	0.0284	8	-0.68	2%	0
129.05	Leucine, Pre-col AQC Der (%)	2319	1.060	0.0400	1.076	0.0501	0.0284	8	-0.31	1%	0
129.05	Leucine, Pre-col AQC Der (%)	0626	1.105	0.0100	1.076	0.0501	0.0284	8	0.59	1%	0
129.05	Leucine, Pre-col AQC Der (%)	2188	1.110	0.0040	1.076	0.0501	0.0284	8	0.69	2%	0
129.05	Leucine, Pre-col AQC Der (%)	2196	1.114	0.0000	1.076	0.0501	0.0284	8	0.77	2%	0
129.05	Leucine, Pre-col AQC Der (%)	0610	1.130	0.0200	1.076	0.0501	0.0284	8	1.09	3%	0
129.99	Leucine, Miscellaneous (%)	0227	1.125	0.0100				3			0
129.99	Leucine, Miscellaneous (%)	2146	1.160	0.0000				3			0
129.99	Leucine, Miscellaneous (%)	2144	1.200	0.0000				3			0
129.99	Leucine, Miscellaneous (%)	0889	1.070	0.0800				3			1
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0171	0.5450	0.0300	0.6945	0.0270	0.0115	21	-5.53	11%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0512	0.6510	0.0219	0.6945	0.0270	0.0115	21	-1.61	3%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0353	0.6550	0.0100	0.6945	0.0270	0.0115	21	-1.46	3%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0682	0.6630	0.0000	0.6945	0.0270	0.0115	21	-1.17	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0859	0.6675	0.0112	0.6945	0.0270	0.0115	21	-1.00	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0918	0.6752	0.0265	0.6945	0.0270	0.0115	21	-0.72	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0652	0.6850	0.0100	0.6945	0.0270	0.0115	21	-0.35	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0870	0.6943	0.0294	0.6945	0.0270	0.0115	21	-0.01	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0644	0.6950	0.0060	0.6945	0.0270	0.0115	21	0.02	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0226	0.6986	0.0054	0.6945	0.0270	0.0115	21	0.15	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	2059	0.7020	0.0000	0.6945	0.0270	0.0115	21	0.28	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0675	0.7050	0.0300	0.6945	0.0270	0.0115	21	0.39	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	2022	0.7050	0.0100	0.6945	0.0270	0.0115	21	0.39	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0848	0.7100	0.0000	0.6945	0.0270	0.0115	21	0.57	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0619	0.7110	0.0100	0.6945	0.0270	0.0115	21	0.61	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	2322	0.7125	0.0030	0.6945	0.0270	0.0115	21	0.67	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0968	0.7150	0.0100	0.6945	0.0270	0.0115	21	0.76	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0354	0.7185	0.0010	0.6945	0.0270	0.0115	21	0.89	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0910	0.7200	0.0200	0.6945	0.0270	0.0115	21	0.94	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0941	0.7200	0.0000	0.6945	0.0270	0.0115	21	0.94	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0571	0.7245	0.0070	0.6945	0.0270	0.0115	21	1.11	2%	0
130.02	L-Lysine, Post-col OPA Der (%)	0098	0.7445	0.0270				1			0
130.05	L-Lysine, Pre-col AQC Der (%)	2246	0.5800	0.0200	0.6829	0.0608	0.0261	8	-1.69	8%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0148	0.6400	0.0200	0.6829	0.0608	0.0261	8	-0.71	3%	0
130.05	L-Lysine, Pre-col AQC Der (%)	2188	0.6650	0.0000	0.6829	0.0608	0.0261	8	-0.29	1%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0407	0.6835	0.0610	0.6829	0.0608	0.0261	8	0.01	0%	0
130.05	L-Lysine, Pre-col AQC Der (%)	2196	0.6880	0.0180	0.6829	0.0608	0.0261	8	0.08	0%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0610	0.6950	0.0100	0.6829	0.0608	0.0261	8	0.20	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data Value	Lab Data Range	Method Values Rob Mean	Method Values Robust SD	Method Values R-bar	Method Values # Labs	AAFCO PT Z Score	Threshold %RSD	Flag
130.05	L-Lysine, Pre-col AQC Der (%)	0626	0.7350	0.0500	0.6829	0.0608	0.0261	8	0.86	4%	0
130.05	L-Lysine, Pre-col AQC Der (%)	2319	0.7650	0.0300	0.6829	0.0608	0.0261	8	1.35	6%	0
130.99	L-Lysine, Miscellaneous (%)	2146	0.7350	0.0300				3			0
130.99	L-Lysine, Miscellaneous (%)	2144	0.7500	0.0000				3			0
130.99	L-Lysine, Miscellaneous (%)	0227	0.7550	0.0300				3			0
130.99	L-Lysine, Miscellaneous (%)	0889	0.4750	0.0100				3			2
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0171	0.1500	0.0200	0.2096	0.0283	0.0086	20	-2.10	14%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	2022	0.1700	0.0200	0.2096	0.0283	0.0086	20	-1.40	9%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	2322	0.1705	0.0090	0.2096	0.0283	0.0086	20	-1.38	9%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0652	0.1750	0.0100	0.2096	0.0283	0.0086	20	-1.22	8%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0859	0.1990	0.0040	0.2096	0.0283	0.0086	20	-0.37	3%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0941	0.1990	0.0000	0.2096	0.0283	0.0086	20	-0.37	3%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0354	0.2000	0.0060	0.2096	0.0283	0.0086	20	-0.34	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0918	0.2050	0.0100	0.2096	0.0283	0.0086	20	-0.16	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0512	0.2058	0.0053	0.2096	0.0283	0.0086	20	-0.14	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0675	0.2100	0.0200	0.2096	0.0283	0.0086	20	0.01	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0619	0.2120	0.0060	0.2096	0.0283	0.0086	20	0.08	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0353	0.2150	0.0100	0.2096	0.0283	0.0086	20	0.19	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0571	0.2190	0.0020	0.2096	0.0283	0.0086	20	0.33	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0682	0.2230	0.0000	0.2096	0.0283	0.0086	20	0.47	3%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0870	0.2266	0.0016	0.2096	0.0283	0.0086	20	0.60	4%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0644	0.2290	0.0000	0.2096	0.0283	0.0086	20	0.68	5%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	2059	0.2300	0.0180	0.2096	0.0283	0.0086	20	0.72	5%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0968	0.2340	0.0020	0.2096	0.0283	0.0086	20	0.86	6%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0910	0.2500	0.0200	0.2096	0.0283	0.0086	20	1.43	10%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0226	0.2523	0.0079	0.2096	0.0283	0.0086	20	1.50	10%	0
131.02	Methionine, PAO Post-col OPA Der (%)	0098	0.2180	0.0000				1			0
131.05	Methionine, PAO Pre-col AQC Der (%)	0148	0.1550	0.0100	0.2295	0.0589	0.0059	7	-1.27	16%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	2319	0.1900	0.0000	0.2295	0.0589	0.0059	7	-0.67	9%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	0610	0.2200	0.0000	0.2295	0.0589	0.0059	7	-0.16	2%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	2188	0.2265	0.0010	0.2295	0.0589	0.0059	7	-0.05	1%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	0626	0.2300	0.0200	0.2295	0.0589	0.0059	7	0.01	0%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	2196	0.2700	0.0000	0.2295	0.0589	0.0059	7	0.69	9%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	2246	0.3150	0.0100	0.2295	0.0589	0.0059	7	1.45	19%	0
131.99	Methionine, Miscellaneous (%)	0227	0.2200	0.0000	0.2375	0.0126	0.0000	4			0
131.99	Methionine, Miscellaneous (%)	0889	0.2400	0.0000	0.2375	0.0126	0.0000	4			0
131.99	Methionine, Miscellaneous (%)	2144	0.2400	0.0000	0.2375	0.0126	0.0000	4			0
131.99	Methionine, Miscellaneous (%)	2146	0.2500	0.0000	0.2375	0.0126	0.0000	4			0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0682	0.5160	0.0000	0.6650	0.0454	0.0132	19	-3.28	11%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0171	0.5550	0.0100	0.6650	0.0454	0.0132	19	-2.43	8%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0619	0.6220	0.0240	0.6650	0.0454	0.0132	19	-0.95	3%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	2322	0.6260	0.0020	0.6650	0.0454	0.0132	19	-0.86	3%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data Value	Lab Data Range	Method Values Rob Mean	Method Values Robust SD	Method Values R-bar	Method Values # Labs	AAFCO PT Z Score	Threshold %RSD	Flag
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0652	0.6400	0.0200	0.6650	0.0454	0.0132	19	-0.55	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0870	0.6446	0.0346	0.6650	0.0454	0.0132	19	-0.45	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0675	0.6450	0.0100	0.6650	0.0454	0.0132	19	-0.44	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	2022	0.6550	0.0100	0.6650	0.0454	0.0132	19	-0.22	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0859	0.6560	0.0183	0.6650	0.0454	0.0132	19	-0.20	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0353	0.6600	0.0400	0.6650	0.0454	0.0132	19	-0.11	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0968	0.6650	0.0100	0.6650	0.0454	0.0132	19	0.00	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	2059	0.6780	0.0240	0.6650	0.0454	0.0132	19	0.29	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0644	0.6870	0.0080	0.6650	0.0454	0.0132	19	0.48	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0354	0.6925	0.0070	0.6650	0.0454	0.0132	19	0.61	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0226	0.6950	0.0054	0.6650	0.0454	0.0132	19	0.66	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0571	0.6980	0.0160	0.6650	0.0454	0.0132	19	0.73	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0910	0.7200	0.0000	0.6650	0.0454	0.0132	19	1.21	4%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0918	0.7251	0.0118	0.6650	0.0454	0.0132	19	1.32	5%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0941	0.7320	0.0000	0.6650	0.0454	0.0132	19	1.48	5%	0
132.02	Phenylalanine, Post-col OPA Der (%)	0098	0.6880	0.0040				1			0
132.05	Phenylalanine, Pre-col AQC Der (%)	0407	0.5730	0.0680	0.6463	0.0524	0.0199	8	-1.40	6%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	0148	0.5750	0.0500	0.6463	0.0524	0.0199	8	-1.36	6%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	2188	0.6535	0.0010	0.6463	0.0524	0.0199	8	0.14	1%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	0626	0.6550	0.0100	0.6463	0.0524	0.0199	8	0.17	1%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	2196	0.6690	0.0000	0.6463	0.0524	0.0199	8	0.43	2%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	2246	0.6750	0.0100	0.6463	0.0524	0.0199	8	0.55	2%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	0610	0.6850	0.0100	0.6463	0.0524	0.0199	8	0.74	3%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	2319	0.6850	0.0100	0.6463	0.0524	0.0199	8	0.74	3%	0
132.99	Phenylalanine, Miscellaneous (%)	0889	0.6550	0.0100	0.6850	0.0294	0.0100	4			0
132.99	Phenylalanine, Miscellaneous (%)	0227	0.6650	0.0100	0.6850	0.0294	0.0100	4			0
132.99	Phenylalanine, Miscellaneous (%)	2146	0.7050	0.0100	0.6850	0.0294	0.0100	4			0
132.99	Phenylalanine, Miscellaneous (%)	2144	0.7150	0.0100	0.6850	0.0294	0.0100	4			0
133.00	Proline, Post-col Ninhydrin Der (%)	0353	0.7750	0.0300	0.9675	0.0494	0.0146	17	-3.90	10%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0171	0.8050	0.0100	0.9675	0.0494	0.0146	17	-3.29	8%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0870	0.9203	0.0130	0.9675	0.0494	0.0146	17	-0.96	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0910	0.9400	0.0200	0.9675	0.0494	0.0146	17	-0.56	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0354	0.9420	0.0120	0.9675	0.0494	0.0146	17	-0.52	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0675	0.9450	0.0100	0.9675	0.0494	0.0146	17	-0.46	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0619	0.9550	0.0420	0.9675	0.0494	0.0146	17	-0.25	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	2022	0.9600	0.0200	0.9675	0.0494	0.0146	17	-0.15	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0968	0.9650	0.0100	0.9675	0.0494	0.0146	17	-0.05	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	2059	0.9710	0.0080	0.9675	0.0494	0.0146	17	0.07	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0682	0.9850	0.0000	0.9675	0.0494	0.0146	17	0.35	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0226	0.9881	0.0076	0.9675	0.0494	0.0146	17	0.42	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0571	1.002	0.0060	0.9675	0.0494	0.0146	17	0.70	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0941	1.002	0.0000	0.9675	0.0494	0.0146	17	0.70	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data Value	Lab Data Range	Method Values Rob Mean	Method Values Robust SD	Method Values R-bar	Method Values # Labs	AAFCO PT Z Score	Threshold %RSD	Flag
133.00	Proline, Post-col Ninhydrin Der (%)	0644	1.003	0.0010	0.9675	0.0494	0.0146	17	0.71	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0859	1.163	0.0113	0.9675	0.0494	0.0146	17	3.96	10%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0918	1.329	0.0468	0.9675	0.0494	0.0146	17	7.31	19%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0652	1.000	0.0800	0.9675	0.0494	0.0146	17	0.66	2%	1
133.05	Proline, Pre-col AQC Der (%)	0407	0.7930	0.0580	0.9389	0.1026	0.0223	8	-1.42	8%	0
133.05	Proline, Pre-col AQC Der (%)	0148	0.8800	0.0400	0.9389	0.1026	0.0223	8	-0.57	3%	0
133.05	Proline, Pre-col AQC Der (%)	2246	0.8850	0.0100	0.9389	0.1026	0.0223	8	-0.52	3%	0
133.05	Proline, Pre-col AQC Der (%)	2196	0.8930	0.0000	0.9389	0.1026	0.0223	8	-0.45	2%	0
133.05	Proline, Pre-col AQC Der (%)	0610	0.9850	0.0100	0.9389	0.1026	0.0223	8	0.45	2%	0
133.05	Proline, Pre-col AQC Der (%)	0626	0.9850	0.0300	0.9389	0.1026	0.0223	8	0.45	2%	0
133.05	Proline, Pre-col AQC Der (%)	2319	1.025	0.0300	0.9389	0.1026	0.0223	8	0.84	5%	0
133.05	Proline, Pre-col AQC Der (%)	2188	1.065	0.0000	0.9389	0.1026	0.0223	8	1.23	7%	0
133.99	Proline, Miscellaneous (%)	0889	0.9450	0.0100	0.9600	0.0212	0.0100	4			0
133.99	Proline, Miscellaneous (%)	2144	0.9450	0.0100	0.9600	0.0212	0.0100	4			0
133.99	Proline, Miscellaneous (%)	2146	0.9600	0.0000	0.9600	0.0212	0.0100	4			0
133.99	Proline, Miscellaneous (%)	0227	0.9900	0.0200	0.9600	0.0212	0.0100	4			0
134.00	Serine, Post-col Ninhydrin Der (%)	0171	0.5850	0.0300	0.6905	0.0355	0.0067	18	-2.97	8%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0353	0.6300	0.0000	0.6905	0.0355	0.0067	18	-1.70	4%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0644	0.6635	0.0070	0.6905	0.0355	0.0067	18	-0.76	2%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0675	0.6650	0.0100	0.6905	0.0355	0.0067	18	-0.72	2%	0
134.00	Serine, Post-col Ninhydrin Der (%)	2322	0.6655	0.0050	0.6905	0.0355	0.0067	18	-0.70	2%	0
134.00	Serine, Post-col Ninhydrin Der (%)	2059	0.6705	0.0030	0.6905	0.0355	0.0067	18	-0.56	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0918	0.6740	0.0038	0.6905	0.0355	0.0067	18	-0.46	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0619	0.6780	0.0000	0.6905	0.0355	0.0067	18	-0.35	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0652	0.6950	0.0100	0.6905	0.0355	0.0067	18	0.13	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0859	0.6960	0.0104	0.6905	0.0355	0.0067	18	0.16	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0226	0.7000	0.0055	0.6905	0.0355	0.0067	18	0.27	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0968	0.7050	0.0100	0.6905	0.0355	0.0067	18	0.41	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0354	0.7070	0.0020	0.6905	0.0355	0.0067	18	0.47	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0941	0.7070	0.0000	0.6905	0.0355	0.0067	18	0.47	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0571	0.7150	0.0060	0.6905	0.0355	0.0067	18	0.69	2%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0870	0.7337	0.0077	0.6905	0.0355	0.0067	18	1.22	3%	0
134.00	Serine, Post-col Ninhydrin Der (%)	2022	0.7350	0.0100	0.6905	0.0355	0.0067	18	1.25	3%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0682	0.8270	0.0000	0.6905	0.0355	0.0067	18	3.84	10%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0910	0.7400	0.0400	0.6905	0.0355	0.0067	18	1.39	4%	1
134.02	Serine, Post-col OPA Der (%)	0098	0.6565	0.0170				1			0
134.05	Serine, Pre-col AQC Der (%)	0407	0.4315	0.0230	0.6835	0.0854	0.0179	8	-2.95	18%	0
134.05	Serine, Pre-col AQC Der (%)	0610	0.6150	0.0100	0.6835	0.0854	0.0179	8	-0.80	5%	0
134.05	Serine, Pre-col AQC Der (%)	2196	0.6700	0.0000	0.6835	0.0854	0.0179	8	-0.16	1%	0
134.05	Serine, Pre-col AQC Der (%)	2246	0.6750	0.0100	0.6835	0.0854	0.0179	8	-0.10	1%	0
134.05	Serine, Pre-col AQC Der (%)	2188	0.6830	0.0000	0.6835	0.0854	0.0179	8	-0.01	0%	0
134.05	Serine, Pre-col AQC Der (%)	2319	0.7300	0.0000	0.6835	0.0854	0.0179	8	0.54	3%	0

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134.05	Serine, Pre-col AQC Der (%)	0626	0.7450	0.0300	0.6835	0.0854	0.0179	8	0.72	4%	0
134.05	Serine, Pre-col AQC Der (%)	0148	0.7950	0.0700	0.6835	0.0854	0.0179	8	1.30	8%	0
134.99	Serine, Miscellaneous (%)	0227	0.6900	0.0200				3			0
134.99	Serine, Miscellaneous (%)	2146	0.7050	0.0100				3			0
134.99	Serine, Miscellaneous (%)	2144	0.7100	0.0000				3			0
134.99	Serine, Miscellaneous (%)	0889	0.5800	0.0000				3			2
135.00	Threonine, Post-col Ninhydrin Der (%)	0171	0.4400	0.0200	0.5197	0.0224	0.0062	19	-3.56	8%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0353	0.4500	0.0000	0.5197	0.0224	0.0062	19	-3.11	7%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	2322	0.5015	0.0010	0.5197	0.0224	0.0062	19	-0.81	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0226	0.5031	0.0038	0.5197	0.0224	0.0062	19	-0.74	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0918	0.5031	0.0004	0.5197	0.0224	0.0062	19	-0.74	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0652	0.5050	0.0100	0.5197	0.0224	0.0062	19	-0.66	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0675	0.5050	0.0100	0.5197	0.0224	0.0062	19	-0.66	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0682	0.5140	0.0000	0.5197	0.0224	0.0062	19	-0.25	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0859	0.5188	0.0149	0.5197	0.0224	0.0062	19	-0.04	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0619	0.5200	0.0280	0.5197	0.0224	0.0062	19	0.01	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0644	0.5245	0.0070	0.5197	0.0224	0.0062	19	0.22	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0870	0.5293	0.0026	0.5197	0.0224	0.0062	19	0.43	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0354	0.5295	0.0010	0.5197	0.0224	0.0062	19	0.44	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	2059	0.5315	0.0030	0.5197	0.0224	0.0062	19	0.53	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0941	0.5350	0.0000	0.5197	0.0224	0.0062	19	0.69	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	2022	0.5350	0.0100	0.5197	0.0224	0.0062	19	0.69	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0571	0.5430	0.0060	0.5197	0.0224	0.0062	19	1.04	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0968	0.5500	0.0000	0.5197	0.0224	0.0062	19	1.36	3%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0910	0.5600	0.0000	0.5197	0.0224	0.0062	19	1.80	4%	0
135.02	Threonine, Post-col OPA Der (%)	0098	0.5275	0.0050				1			0
135.05	Threonine, Pre-col AQC Der (%)	0407	0.3505	0.0170	0.5091	0.0374	0.0109	8	-4.24	16%	0
135.05	Threonine, Pre-col AQC Der (%)	0148	0.4700	0.0400	0.5091	0.0374	0.0109	8	-1.05	4%	0
135.05	Threonine, Pre-col AQC Der (%)	2188	0.5090	0.0000	0.5091	0.0374	0.0109	8	0.00	0%	0
135.05	Threonine, Pre-col AQC Der (%)	0610	0.5100	0.0000	0.5091	0.0374	0.0109	8	0.02	0%	0
135.05	Threonine, Pre-col AQC Der (%)	2246	0.5200	0.0000	0.5091	0.0374	0.0109	8	0.29	1%	0
135.05	Threonine, Pre-col AQC Der (%)	2196	0.5260	0.0000	0.5091	0.0374	0.0109	8	0.45	2%	0
135.05	Threonine, Pre-col AQC Der (%)	0626	0.5300	0.0200	0.5091	0.0374	0.0109	8	0.56	2%	0
135.05	Threonine, Pre-col AQC Der (%)	2319	0.5550	0.0100	0.5091	0.0374	0.0109	8	1.23	5%	0
135.99	Threonine, Miscellaneous (%)	0889	0.4500	0.0000				3			0
135.99	Threonine, Miscellaneous (%)	2146	0.5500	0.0000				3			0
135.99	Threonine, Miscellaneous (%)	2144	0.5600	0.0000				3			0
135.99	Threonine, Miscellaneous (%)	0227	0.5250	0.0100				3			1
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0910	0.1550	0.0100	0.2015	0.0340	0.0044	7	-1.37	12%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0941	0.1750	0.0000	0.2015	0.0340	0.0044	7	-0.78	7%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0619	0.1915	0.0130	0.2015	0.0340	0.0044	7	-0.29	2%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0682	0.2090	0.0000	0.2015	0.0340	0.0044	7	0.22	2%	0

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136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0918	0.2100	0.0000	0.2015	0.0340	0.0044	7	0.25	2%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0227	0.2300	0.0000	0.2015	0.0340	0.0044	7	0.84	7%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0870	0.2402	0.0075	0.2015	0.0340	0.0044	7	1.14	10%	0
136.01	Tryptophan, Alka-Hydrol Rev Phase LC UV (%)	0644	0.1885	0.0030				1			0
136.02	Tryptophan, Alka-Hydrol Post-col OPA De (%)	0098	0.1800	0.0000				1			0
136.03	Tryptophan, Alka-Hydrol + IS RP LC Fl (%)	2059	0.1780	0.0000				3			0
136.03	Tryptophan, Alka-Hydrol + IS RP LC Fl (%)	0859	0.1849	0.0055				3			0
136.03	Tryptophan, Alka-Hydrol + IS RP LC Fl (%)	0571	0.1900	0.0060				3			0
136.03	Tryptophan, Alka-Hydrol + IS RP LC Fl (%)	0353	0.2550	0.0100				3			2
136.05	Tryptophan, Pre-col AQC Der (%)	2246	0.0500	0.0000				3			0
136.05	Tryptophan, Pre-col AQC Der (%)	2319	0.1850	0.0100				3			0
136.05	Tryptophan, Pre-col AQC Der (%)	0407	0.2495	0.0230				3			0
136.99	Tryptophan, Miscellaneous (%)	0889	0.3700	0.0000				1			0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0910	0.2950	0.0100	0.4418	0.0710	0.0056	14	-2.07	17%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0675	0.3700	0.0200	0.4418	0.0710	0.0056	14	-1.01	8%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0870	0.3700	0.0048	0.4418	0.0710	0.0056	14	-1.01	8%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0171	0.3900	0.0000	0.4418	0.0710	0.0056	14	-0.73	6%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0968	0.4150	0.0100	0.4418	0.0710	0.0056	14	-0.38	3%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	2322	0.4270	0.0000	0.4418	0.0710	0.0056	14	-0.21	2%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0354	0.4360	0.0080	0.4418	0.0710	0.0056	14	-0.08	1%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0226	0.4607	0.0037	0.4418	0.0710	0.0056	14	0.27	2%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0644	0.4630	0.0080	0.4418	0.0710	0.0056	14	0.30	2%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0941	0.4640	0.0000	0.4418	0.0710	0.0056	14	0.31	3%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0918	0.4679	0.0015	0.4418	0.0710	0.0056	14	0.37	3%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	2059	0.5025	0.0030	0.4418	0.0710	0.0056	14	0.86	7%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0353	0.5350	0.0100	0.4418	0.0710	0.0056	14	1.31	11%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0682	0.5650	0.0000	0.4418	0.0710	0.0056	14	1.74	14%	0
137.02	Tyrosine, Post-col OPA Der (%)	0098	0.4505	0.0170				1			0
137.05	Tyrosine, Pre-col AQC Der (%)	0407	0.3230	0.0220	0.4289	0.0790	0.0103	8	-1.34	12%	0
137.05	Tyrosine, Pre-col AQC Der (%)	2246	0.3300	0.0000	0.4289	0.0790	0.0103	8	-1.25	12%	0
137.05	Tyrosine, Pre-col AQC Der (%)	2319	0.4200	0.0000	0.4289	0.0790	0.0103	8	-0.11	1%	0
137.05	Tyrosine, Pre-col AQC Der (%)	0626	0.4250	0.0100	0.4289	0.0790	0.0103	8	-0.05	0%	0
137.05	Tyrosine, Pre-col AQC Der (%)	2188	0.4690	0.0000	0.4289	0.0790	0.0103	8	0.51	5%	0
137.05	Tyrosine, Pre-col AQC Der (%)	0148	0.4700	0.0400	0.4289	0.0790	0.0103	8	0.52	5%	0
137.05	Tyrosine, Pre-col AQC Der (%)	0610	0.4850	0.0100	0.4289	0.0790	0.0103	8	0.71	7%	0
137.05	Tyrosine, Pre-col AQC Der (%)	2196	0.5090	0.0000	0.4289	0.0790	0.0103	8	1.01	9%	0
137.99	Tyrosine, Miscellaneous (%)	0889	0.3700	0.0000				3			0
137.99	Tyrosine, Miscellaneous (%)	2144	0.4800	0.0000				3			0
137.99	Tyrosine, Miscellaneous (%)	2146	0.4900	0.0000				3			0
137.99	Tyrosine, Miscellaneous (%)	0227	0.4000	0.0200				3			1
138.00	Valine, Post-col Ninhydrin Der (%)	0171	0.4750	0.0100	0.6622	0.0575	0.0136	19	-3.26	14%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0682	0.5420	0.0000	0.6622	0.0575	0.0136	19	-2.09	9%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data Value	Lab Data Range	Method Values Rob Mean	Method Values Robust SD	Method Values R-bar	Method Values # Labs	AAFCO PT Z Score	Threshold %RSD	Flag
138.00	Valine, Post-col Ninhydrin Der (%)	2322	0.5775	0.0030	0.6622	0.0575	0.0136	19	-1.47	6%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0870	0.6219	0.0376	0.6622	0.0575	0.0136	19	-0.70	3%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0226	0.6277	0.0050	0.6622	0.0575	0.0136	19	-0.60	3%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0675	0.6400	0.0200	0.6622	0.0575	0.0136	19	-0.39	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0652	0.6450	0.0100	0.6622	0.0575	0.0136	19	-0.30	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0918	0.6504	0.0029	0.6622	0.0575	0.0136	19	-0.21	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0859	0.6564	0.0169	0.6622	0.0575	0.0136	19	-0.10	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	2022	0.6600	0.0600	0.6622	0.0575	0.0136	19	-0.04	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0353	0.6650	0.0100	0.6622	0.0575	0.0136	19	0.05	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0968	0.6900	0.0000	0.6622	0.0575	0.0136	19	0.48	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0354	0.6955	0.0030	0.6622	0.0575	0.0136	19	0.58	3%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0941	0.6960	0.0000	0.6622	0.0575	0.0136	19	0.59	3%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0571	0.7110	0.0100	0.6622	0.0575	0.0136	19	0.85	4%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0619	0.7215	0.0130	0.6622	0.0575	0.0136	19	1.03	4%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0644	0.7230	0.0060	0.6622	0.0575	0.0136	19	1.06	5%	0
138.00	Valine, Post-col Ninhydrin Der (%)	2059	0.7245	0.0010	0.6622	0.0575	0.0136	19	1.08	5%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0910	0.7250	0.0500	0.6622	0.0575	0.0136	19	1.09	5%	0
138.02	Valine, Post-col OPA Der (%)	0098	0.7330	0.0100				1			0
138.05	Valine, Pre-col AQC Der (%)	2319	0.5300	0.0200	0.6574	0.0504	0.0219	8	-2.53	10%	0
138.05	Valine, Pre-col AQC Der (%)	0407	0.6285	0.0350	0.6574	0.0504	0.0219	8	-0.57	2%	0
138.05	Valine, Pre-col AQC Der (%)	2246	0.6350	0.0100	0.6574	0.0504	0.0219	8	-0.44	2%	0
138.05	Valine, Pre-col AQC Der (%)	2188	0.6510	0.0000	0.6574	0.0504	0.0219	8	-0.13	0%	0
138.05	Valine, Pre-col AQC Der (%)	0148	0.6600	0.0400	0.6574	0.0504	0.0219	8	0.05	0%	0
138.05	Valine, Pre-col AQC Der (%)	0626	0.6800	0.0600	0.6574	0.0504	0.0219	8	0.45	2%	0
138.05	Valine, Pre-col AQC Der (%)	2196	0.6980	0.0000	0.6574	0.0504	0.0219	8	0.81	3%	0
138.05	Valine, Pre-col AQC Der (%)	0610	0.7250	0.0100	0.6574	0.0504	0.0219	8	1.34	5%	0
138.99	Valine, Miscellaneous (%)	2144	0.6950	0.0100				3			0
138.99	Valine, Miscellaneous (%)	2146	0.6950	0.0100				3			0
138.99	Valine, Miscellaneous (%)	0227	0.7000	0.0000				3			0
138.99	Valine, Miscellaneous (%)	0889	0.6550	0.0100				3			2
139.00	Taurine, Post-col Ninhydrin Der (%)	0682	0.0810	0.0000				1			0
139.02	Taurine, Post-col OPA Der (%)	0098	< 0.01					0			5
139.05	Taurine, Pre-col AQC Der (%)	2319	0.0032	0.0008				1			0
139.99	Taurine, Miscellaneous (%)	0227	< 0.01					0			5
150.00	Phytase, Colorimetric (Units / kg)	2199	0.2650	0.1300				3			0
150.00	Phytase, Colorimetric (Units / kg)	0610	841.0	38.00				3			0
150.00	Phytase, Colorimetric (Units / kg)	0619	974.0	170.0				3			0
160.10	Fructose, HPAEC PAD (%)	0297	0.1400	0.0140				1			0
160.99	Fructose, Miscellaneous (%)	0619	0.1125	0.0170				2			0
160.99	Fructose, Miscellaneous (%)	0227	0.2900	0.0600				2			0
160.99	Fructose, Miscellaneous (%)	0889	0.0000	0.0000				2			4
161.10	Galactose, HPAEC PAD (%)	0297	0.0000	0.0000				0			4

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162.10	Glucose, HPAEC PAD (%)	0297	0.1725	0.0250				1			0
162.99	Glucose, Miscellaneous (%)	0619	0.0830	0.0100				3			0
162.99	Glucose, Miscellaneous (%)	0227	0.2350	0.0100				3			0
162.99	Glucose, Miscellaneous (%)	2246	22.53	0.8000				3			0
162.99	Glucose, Miscellaneous (%)	0889	0.0000	0.0000				3			4
163.10	Lactose, HPAEC PAD (%)	0297	0.0000	0.0000				0			4
163.99	Lactose, Miscellaneous (%)	0619	0.0000	0.0000				0			4
163.99	Lactose, Miscellaneous (%)	0227	< 0.15					0			5
164.10	Maltose, HPAEC PAD (%)	0297	0.4550	0.0840				1			0
164.99	Maltose, Miscellaneous (%)	0227	< 0.15					0			5
165.10	Sucrose, HPAEC PAD (%)	0297	1.955	0.0300				1			0
165.99	Sucrose, Miscellaneous (%)	0227	1.780	0.0400				2			0
165.99	Sucrose, Miscellaneous (%)	0619	1.900	0.0600				2			0
165.99	Sucrose, Miscellaneous (%)	0889	0.0000	0.0000				2			4
166.10	Raffinose, HPAEC PAD (%)	0297	0.7230	0.1480				1			0
166.99	Raffinose, Miscellaneous (%)	0227	0.4500	0.0000				2			0
166.99	Raffinose, Miscellaneous (%)	0619	0.4600	0.0240				2			0
167.10	Stachyose, HPAEC PAD (%)	0297	1.050	0.1400				1			0
167.99	Stachyose, Miscellaneous (%)	0619	0.6345	0.0350				2			0
167.99	Stachyose, Miscellaneous (%)	0227	0.6900	0.0000				2			0
345.02	Amprolium, LC (UV or FL) (ppm)	0218	0.8910	0.0720				1			0
345.04	Amprolium, LC-MS/MS (ppm)	0148	0.1895	0.0350				1			0
351.00	Chlortetracycline, Plate (ppm)	0964	184.9	7.628				2			0
351.00	Chlortetracycline, Plate (ppm)	0218	249.7	9.172				2			0
351.03	Chlortetracycline, LC (UV or FL) (ppm)	0001	220.0	24.00	240.6	21.39	10.48	7	**-0.96**	4%	0
351.03	Chlortetracycline, LC (UV or FL) (ppm)	0512	224.7	2.700	240.6	21.39	10.48	7	**-0.75**	3%	0
351.03	Chlortetracycline, LC (UV or FL) (ppm)	0910	225.5	15.00	240.6	21.39	10.48	7	**-0.71**	3%	0
351.03	Chlortetracycline, LC (UV or FL) (ppm)	0009	241.9	16.09	240.6	21.39	10.48	7	**0.06**	0%	0
351.03	Chlortetracycline, LC (UV or FL) (ppm)	0036	245.1	5.500	240.6	21.39	10.48	7	**0.21**	1%	0
351.03	Chlortetracycline, LC (UV or FL) (ppm)	0032	255.0	0.0000	240.6	21.39	10.48	7	**0.67**	3%	0
351.03	Chlortetracycline, LC (UV or FL) (ppm)	0035	272.2	10.04	240.6	21.39	10.48	7	**1.48**	7%	0
351.05	Chlortetracycline, LC-MS/MS (ppm)	0939	162.1	1.520	239.6	56.93	3.741	4			0
351.05	Chlortetracycline, LC-MS/MS (ppm)	0148	234.7	5.745	239.6	56.93	3.741	4			0
351.05	Chlortetracycline, LC-MS/MS (ppm)	0619	269.0	2.000	239.6	56.93	3.741	4			0
351.05	Chlortetracycline, LC-MS/MS (ppm)	0884	292.8	5.700	239.6	56.93	3.741	4			0
351.05	Chlortetracycline, LC-MS/MS (ppm)	0028	376.9	68.35	239.6	56.93	3.741	4			1
354.01	Decoquinate, LC (UV or FL) (ppm)	0218	0.6740	0.0063				2			0
354.01	Decoquinate, LC (UV or FL) (ppm)	0910	0.7000	0.0000				2			0
354.04	Decoquinate, LC-MS/MS (ppm)	0148	0.4970	0.0540				3			0
354.04	Decoquinate, LC-MS/MS (ppm)	2113	0.5230	0.0660				3			0
354.04	Decoquinate, LC-MS/MS (ppm)	0610	0.5600	0.0200				3			0
361.03	Lasalocid Sodium, LC (UV or FL) (ppm)	0964	0.2816	0.0099				1			0

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361.03	Lasalocid Sodium, LC (UV or FL) (ppm)	0910	< 0.3					1			5
361.05	Lasalocid Sodium, LC-MS/MS (ppm)	0619	0.1385	0.0270				2			0
361.05	Lasalocid Sodium, LC-MS/MS (ppm)	0553	0.2500	0.0000				2			0
361.05	Lasalocid Sodium, LC-MS/MS (ppm)	2113	< 0.25					2			5
361.05	Lasalocid Sodium, LC-MS/MS (ppm)	0610	< 0.3					2			5
365.05	Monensin, LC-MS/MS (ppm)	2113	< 0.25					0			5
386.00	Tiamulin, LC (ppm)	0668	87.65	1.300	111.9	20.14	1.298	4			0
386.00	Tiamulin, LC (ppm)	0218	104.9	1.890	111.9	20.14	1.298	4			0
386.00	Tiamulin, LC (ppm)	2192	121.0	2.000	111.9	20.14	1.298	4			0
386.00	Tiamulin, LC (ppm)	0910	134.2	0.0000	111.9	20.14	1.298	4			0
386.00	Tiamulin, LC (ppm)	0001	139.0	34.00	111.9	20.14	1.298	4			1
386.02	Tiamulin, LC-MS/MS (ppm)	0148	73.62	1.808				3			0
386.02	Tiamulin, LC-MS/MS (ppm)	2144	104.1	3.100				3			0
386.02	Tiamulin, LC-MS/MS (ppm)	0619	132.6	4.918				3			0
400.01	Water Activity, Aqualab chilled mirror (Units)	2174	0.4285	0.0030	0.4983	0.0304	0.0067	10	-2.30	7%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	2303	0.4647	0.0207	0.4983	0.0304	0.0067	10	-1.11	3%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	0843	0.4851	0.0016	0.4983	0.0304	0.0067	10	-0.43	1%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	2168	0.4900	0.0200	0.4983	0.0304	0.0067	10	-0.27	1%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	0407	0.4983	0.0019	0.4983	0.0304	0.0067	10	0.00	0%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	0942	0.4985	0.0010	0.4983	0.0304	0.0067	10	0.01	0%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	0589	0.5085	0.0050	0.4983	0.0304	0.0067	10	0.34	1%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	2181	0.5197	0.0001	0.4983	0.0304	0.0067	10	0.70	2%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	2268	0.5270	0.0060	0.4983	0.0304	0.0067	10	0.94	3%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	2109	0.5387	0.0080	0.4983	0.0304	0.0067	10	1.33	4%	0
400.99	Water Activity, Miscellaneous (Units)	2073	0.5155	0.0070				1			0
516.00	Arsenic, Total, AA, Hydride (ppm)	2022	0.2631	0.0118				3			0
516.00	Arsenic, Total, AA, Hydride (ppm)	0171	0.2730	0.0000				3			0
516.00	Arsenic, Total, AA, Hydride (ppm)	0045	0.2910	0.0160				3			0
516.43	Arsenic, Total, ICP, Microwave (ppm)	0407	1.198	0.1780				1			0
516.43	Arsenic, Total, ICP, Microwave (ppm)	0682	< 10					1			5
516.52	Arsenic, Total, ICP-MS, Open vessel (ppm)	0186	0.2575	0.0210				2			0
516.52	Arsenic, Total, ICP-MS, Open vessel (ppm)	0910	0.3050	0.0500				2			0
516.53	Arsenic, Total, ICP-MS, Microwave (ppm)	0227	0.2680	0.0220	0.3056	0.0529	0.0188	4			0
516.53	Arsenic, Total, ICP-MS, Microwave (ppm)	0553	0.2800	0.0240	0.3056	0.0529	0.0188	4			0
516.53	Arsenic, Total, ICP-MS, Microwave (ppm)	0407	0.2906	0.0048	0.3056	0.0529	0.0188	4			0
516.53	Arsenic, Total, ICP-MS, Microwave (ppm)	0918	0.3838	0.0245	0.3056	0.0529	0.0188	4			0
516.53	Arsenic, Total, ICP-MS, Microwave (ppm)	0939	0.3450	0.1100	0.3056	0.0529	0.0188	4			1
518.31	Cadmium, AAS, Dry ash (ppm)	0689	< 0.2					0			5
518.34	Cadmium, AAS, Graphite furnace (ppm)	2022	0.2114	0.0025				1			0
518.41	Cadmium, ICP, Dry ash (ppm)	0407	0.1866	0.0084				2			0
518.41	Cadmium, ICP, Dry ash (ppm)	0171	0.1930	0.0140				2			0
518.43	Cadmium, ICP, Microwave (ppm)	0407	0.1900	0.0184				3			0

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518.43	Cadmium, ICP, Microwave (ppm)	0968	0.2270	0.0020				3			0
518.43	Cadmium, ICP, Microwave (ppm)	0682	0.3000	0.0000				3			0
518.52	Cadmium, ICP-MS, Open vessel (ppm)	0186	0.1880	0.0140				2			0
518.52	Cadmium, ICP-MS, Open vessel (ppm)	0910	0.2150	0.0100				2			0
518.53	Cadmium, ICP-MS, Microwave (ppm)	0407	0.1824	0.0107	0.2014	0.0154	0.0083	5			0
518.53	Cadmium, ICP-MS, Microwave (ppm)	0227	0.1910	0.0020	0.2014	0.0154	0.0083	5			0
518.53	Cadmium, ICP-MS, Microwave (ppm)	0918	0.2006	0.0088	0.2014	0.0154	0.0083	5			0
518.53	Cadmium, ICP-MS, Microwave (ppm)	0553	0.2130	0.0000	0.2014	0.0154	0.0083	5			0
518.53	Cadmium, ICP-MS, Microwave (ppm)	0939	0.2200	0.0200	0.2014	0.0154	0.0083	5			0
520.41	Chromium, ICP, Dry ash (ppm)	0171	3.992	0.0520				2			0
520.41	Chromium, ICP, Dry ash (ppm)	0407	3.993	0.0422				2			0
520.42	Chromium, ICP, Open vessel (ppm)	0693	5.386	0.8220				2			0
520.42	Chromium, ICP, Open vessel (ppm)	0045	5.515	0.5500				2			0
520.43	Chromium, ICP, Microwave (ppm)	0968	3.960	0.0900	5.565	1.465	0.1107	4			0
520.43	Chromium, ICP, Microwave (ppm)	0407	4.859	0.2928	5.565	1.465	0.1107	4			0
520.43	Chromium, ICP, Microwave (ppm)	0682	6.130	0.0000	5.565	1.465	0.1107	4			0
520.43	Chromium, ICP, Microwave (ppm)	0510	7.310	0.0600	5.565	1.465	0.1107	4			0
520.52	Chromium, ICP-MS, Open vessel (ppm)	0186	3.674	0.2300				1			0
520.53	Chromium, ICP-MS, Microwave (ppm)	0164	4.615	0.1700	5.000	0.3738	0.1365	4			0
520.53	Chromium, ICP-MS, Microwave (ppm)	0407	4.745	0.2332	5.000	0.3738	0.1365	4			0
520.53	Chromium, ICP-MS, Microwave (ppm)	0553	5.285	0.0500	5.000	0.3738	0.1365	4			0
520.53	Chromium, ICP-MS, Microwave (ppm)	0918	5.353	0.0928	5.000	0.3738	0.1365	4			0
526.31	Lead, AAS, Dry ash (ppm)	0689	< 0.2					0			5
526.34	Lead, AAS, Graphite furnace (ppm)	2022	0.1654	0.0021				1			0
526.41	Lead, ICP, Dry ash (ppm)	0171	0.2010	0.0140				2			0
526.41	Lead, ICP, Dry ash (ppm)	0407	0.2057	0.0238				2			0
526.43	Lead, ICP, Microwave (ppm)	0407	0.2813	0.0580				1			0
526.43	Lead, ICP, Microwave (ppm)	0682	< 3					1			5
526.52	Lead, ICP-MS, Open vessel (ppm)	0186	0.2100	0.0020				2			0
526.52	Lead, ICP-MS, Open vessel (ppm)	0910	0.2300	0.0000				2			0
526.53	Lead, ICP-MS, Microwave (ppm)	0407	0.1948	0.0139	0.2202	0.0225	0.0257	4			0
526.53	Lead, ICP-MS, Microwave (ppm)	0227	0.2090	0.0160	0.2202	0.0225	0.0257	4			0
526.53	Lead, ICP-MS, Microwave (ppm)	0918	0.2327	0.0060	0.2202	0.0225	0.0257	4			0
526.53	Lead, ICP-MS, Microwave (ppm)	0553	0.2445	0.0670	0.2202	0.0225	0.0257	4			0
529.99	Mercury, Miscellaneous (ppb)	0407	0.6869	0.1063				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	1.875	0.0381				2			0
539.41	Nickel, ICP, Dry ash (ppm)	0171	2.226	0.0150				2			0
539.43	Nickel, ICP, Microwave (ppm)	0407	1.750	0.3380				2			0
539.43	Nickel, ICP, Microwave (ppm)	0682	3.590	0.0000				2			0
539.52	Nickel, ICP-MS, Open vessel (ppm)	0186	1.985	0.0500				1			0

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539.53	Nickel, ICP-MS, Microwave (ppm)	0407	2.634	0.0933				3			0
539.53	Nickel, ICP-MS, Microwave (ppm)	0553	2.925	0.0900				3			0
539.53	Nickel, ICP-MS, Microwave (ppm)	0918	3.258	0.0568				3			0
702.00	Butyric Acid (4:0), Miscellaneous GC (%)	0164	< 0.02					0			5
704.00	Caproic Acid (6:0) , Miscellaneous GC (%)	2319	< 0.01					0			5
704.00	Caproic Acid (6:0) , Miscellaneous GC (%)	0164	< 0.02					0			5
706.99	Caprylic acid (8:0), Miscellaneous (% (w/w))	2319	< 0.01					0			5
706.99	Caprylic acid (8:0), Miscellaneous (% (w/w))	0164	< 0.02					0			5
708.99	Capric acid (10:0), Miscellaneous (% (w/w))	2319	< 0.01					0			5
708.99	Capric acid (10:0), Miscellaneous (% (w/w))	0164	< 0.02					0			5
710.99	Lauric Acid (12:0), Miscellaneous (% (w/w))	0226	< 0.005					0			5
710.99	Lauric Acid (12:0), Miscellaneous (% (w/w))	2319	< 0.01					0			5
710.99	Lauric Acid (12:0), Miscellaneous (% (w/w))	0164	< 0.02					0			5
714.99	Myristic Acid (14:0), Miscellaneous (% (w/w))	0226	0.0070	0.0000				1			0
714.99	Myristic Acid (14:0), Miscellaneous (% (w/w))	2319	< 0.01					1			5
714.99	Myristic Acid (14:0), Miscellaneous (% (w/w))	0164	< 0.02					1			5
716.99	Palmitic Acid (16:0), Miscellaneous (% (w/w))	0226	0.4850	0.0400				3			0
716.99	Palmitic Acid (16:0), Miscellaneous (% (w/w))	2319	0.5300	0.0000				3			0
716.99	Palmitic Acid (16:0), Miscellaneous (% (w/w))	0164	0.5395	0.0030				3			0
718.99	Palmitoleic Acid (9c-16:1), Miscellaneous (% (w/w))	2319	0.0100	0.0000				2			0
718.99	Palmitoleic Acid (9c-16:1), Miscellaneous (% (w/w))	0226	0.0110	0.0000				2			0
718.99	Palmitoleic Acid (9c-16:1), Miscellaneous (% (w/w))	0164	< 0.02					2			5
720.99	Margaric acid (17:0), Miscellaneous (% (w/w))	0164	< 0.02					0			5
722.99	Stearic Acid (18:0), Miscellaneous (% (w/w))	0226	0.0920	0.0080				3			0
722.99	Stearic Acid (18:0), Miscellaneous (% (w/w))	0164	0.0985	0.0010				3			0
722.99	Stearic Acid (18:0), Miscellaneous (% (w/w))	2319	0.1150	0.0100				3			0
724.99	Oleic Acid (9c-18:1), Miscellaneous (% (w/w))	0226	0.6040	0.0240				3			0
724.99	Oleic Acid (9c-18:1), Miscellaneous (% (w/w))	0164	0.6210	0.0040				3			0
724.99	Oleic Acid (9c-18:1), Miscellaneous (% (w/w))	2319	0.7650	0.0100				3			0
726.99	Linoleic Acid (9c,12c-18:2), Miscellaneous (% (w/w))	0226	1.162	0.0160				2			0
726.99	Linoleic Acid (9c,12c-18:2), Miscellaneous (% (w/w))	0164	1.194	0.0060				2			0
728.99	alpha-Linolenic Acid (9c,12c,15c-18:3), Miscellaneous (%	0226	0.0690	0.0000				3			0
728.99	alpha-Linolenic Acid (9c,12c,15c-18:3), Miscellaneous (%	2319	0.0700	0.0000				3			0
728.99	alpha-Linolenic Acid (9c,12c,15c-18:3), Miscellaneous (%	0164	0.0720	0.0000				3			0
730.99	Arachidic Acid (20:0), Miscellaneous (% (w/w))	0226	0.0080	0.0000				2			0
730.99	Arachidic Acid (20:0), Miscellaneous (% (w/w))	2319	0.0100	0.0000				2			0
730.99	Arachidic Acid (20:0), Miscellaneous (% (w/w))	0164	< 0.02					2			5
732.99	Gondoic Acid (11c-20:1), Miscellaneous (% (w/w))	0226	0.0145	0.0010				1			0
732.99	Gondoic Acid (11c-20:1), Miscellaneous (% (w/w))	0164	< 0.02					1			5
736.99	Arachidonic Acid (5c,8c,11c,14c-20:4), Miscellaneous (%	2319	< 0.01					0			5
736.99	Arachidonic Acid (5c,8c,11c,14c-20:4), Miscellaneous (%	0164	< 0.02					0			5
740.99	Eicosapentaenoic Acid EPA (5c,8c,11c,14c,17c-20:5), Mis	0226	0.0000	0.0000				0			4

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data Value	Lab Data Range	Method Values Rob Mean	Method Values Robust SD	Method Values R-bar	Method Values # Labs	AAFCO PT Z Score	Threshold %RSD	Flag
740.99	Eicosapentaenoic Acid EPA (5c,8c,11c,14c,17c-20:5), Mis	2319	< 0.01					0			5
740.99	Eicosapentaenoic Acid EPA (5c,8c,11c,14c,17c-20:5), Mis	0164	< 0.02					0			5
742.99	Behenic Acid (22:0), Miscellaneous (% (w/w))	0226	0.0060	0.0000				1			0
742.99	Behenic Acid (22:0), Miscellaneous (% (w/w))	2319	< 0.01					1			5
742.99	Behenic Acid (22:0), Miscellaneous (% (w/w))	0164	< 0.02					1			5
744.99	Erucic Acid (13c-22:1), Miscellaneous (% (w/w))	2319	0.0200	0.0000				1			0
744.99	Erucic Acid (13c-22:1), Miscellaneous (% (w/w))	0226	< 0.005					1			5
744.99	Erucic Acid (13c-22:1), Miscellaneous (% (w/w))	0164	< 0.02					1			5
746.99	Docosapentaenoic Acid n-3 DPA (7c,10c,13c,16c,19c-22:5	0226	0.0000	0.0000				0			4
746.99	Docosapentaenoic Acid n-3 DPA (7c,10c,13c,16c,19c-22:5	0164	< 0.02					0			5
748.99	Lignoceric Acid (24:0), Miscellaneous (% (w/w))	0226	0.0075	0.0010				1			0
748.99	Lignoceric Acid (24:0), Miscellaneous (% (w/w))	0164	< 0.02					1			5
750.99	Docosahexaenoic Acid DHA (4c,7c,10c,13c,16c,19c-22:6)	0226	0.0000	0.0000				0			4
750.99	Docosahexaenoic Acid DHA (4c,7c,10c,13c,16c,19c-22:6)	2319	< 0.01					0			5
750.99	Docosahexaenoic Acid DHA (4c,7c,10c,13c,16c,19c-22:6)	0164	< 0.02					0			5
752.99	Nervonic Acid (24:1) isomers, Miscellaneous (% (w/w))	0226	< 0.005					0			5
752.99	Nervonic Acid (24:1) isomers, Miscellaneous (% (w/w))	0164	< 0.02					0			5
754.99	Total n-3 Polyunsaturated (Omega-3) Fatty Acids, Miscella	0164	0.0740	0.0020				1			0
756.99	Total n-6 Polyunsaturated (Omega-6) Fatty Acids, Miscella	0164	1.204	0.0070				1			0
758.99	Total Saturated Fatty Acids, Miscellaneous (% (w/w))	0164	0.6960	0.0020				2			0
758.99	Total Saturated Fatty Acids, Miscellaneous (% (w/w))	2319	0.7050	0.0100				2			0
762.99	Total Monounsaturated Fatty Acids, Miscellaneous (% (w/	2319	0.8350	0.0100				1			0
764.99	Total cis Monounsaturated Fatty Acids, Miscellaneous (%	0164	0.7055	0.0090				1			0
766.99	Total Polyunsaturated Fatty Acids, Miscellaneous (% (w/w	2319	1.330	0.0000				1			0
768.99	Total cis Polyunsaturated Fatty Acids, Miscellaneous (% (	0164	1.284	0.0070				1			0
770.99	Total Fat (equivalent to NLEA), Miscellaneous (% (w/w))	0164	2.839	0.0050				1			0
772.99	Total Fatty Acids, Miscellaneous (% (w/w))	0226	2.465	0.0900				2			0
772.99	Total Fatty Acids, Miscellaneous (% (w/w))	0164	2.717	0.0010				2			0

Notes: Interpreting Z Scores: Red indicates a normally distributed Z value >3 or <-3 (requires action), Orange = Z between 2 and 3 or -2 and -3 (warning) and Green = Z < 2 and >-2 (OK at 95%). Flags indicate data usage: 0 = Used, 1 = Rejected for duplicates too far apart, 2 = Rejected as outlier, 5 = A reporting limit and 4 = zeros submitted as values. Robust statistics not used if < 6 labs reporting, in the case of 4 or 5 labs reporting Means and SD's may be reported based on Raw Data with obvious blunders removed (Mandel h and k exclusions apply; Grey). Flag 3 indicates not used in statistics.