



**AAFCO**  
Proficiency Testing Program



**Animal Feed Scheme**

**Equine Feed**

**Test Material Code # 202121**

**Method Proficiency Testing Report**

**# Labs Reporting: 151**

**# Methods Reported 371**

**Issue Date : 02/28/2021**

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
000.02	Urea, As protein, Colorimetric (%)	0278	0.4500	0.1000				1			0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	2073	7.390	0.2400	7.637	0.2555	0.1118	4			0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0027	7.568	0.1070	7.637	0.2555	0.1118	4			0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0309	7.595	0.0300	7.637	0.2555	0.1118	4			0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0504	7.995	0.0700	7.637	0.2555	0.1118	4			0
001.03	Loss on Drying, Low temp. methods (%)	0843	7.480	0.1000				2			0
001.03	Loss on Drying, Low temp. methods (%)	0619	7.835	0.0900				2			0
001.05	Loss on Drying, LECO (%)	0644	7.420	0.0100				2			0
001.05	Loss on Drying, LECO (%)	0968	8.110	0.0200				2			0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0019	6.700	1.000	7.734	0.2262	0.1588	41	-4.57	7%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0853	6.850	0.1000	7.734	0.2262	0.1588	41	-3.91	6%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0643	7.445	0.0500	7.734	0.2262	0.1588	41	-1.28	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0066	7.475	0.0900	7.734	0.2262	0.1588	41	-1.15	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0843	7.480	0.1000	7.734	0.2262	0.1588	41	-1.12	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2009	7.480	0.0049	7.734	0.2262	0.1588	41	-1.12	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0049	7.525	0.4100	7.734	0.2262	0.1588	41	-0.93	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0027	7.532	0.0370	7.734	0.2262	0.1588	41	-0.90	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0413	7.550	0.1000	7.734	0.2262	0.1588	41	-0.81	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0297	7.565	0.0700	7.734	0.2262	0.1588	41	-0.75	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0353	7.565	0.2300	7.734	0.2262	0.1588	41	-0.75	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0226	7.575	0.1900	7.734	0.2262	0.1588	41	-0.70	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0693	7.628	0.1640	7.734	0.2262	0.1588	41	-0.47	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0512	7.638	0.3040	7.734	0.2262	0.1588	41	-0.43	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0675	7.650	0.1000	7.734	0.2262	0.1588	41	-0.37	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0683	7.660	0.0000	7.734	0.2262	0.1588	41	-0.33	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0407	7.662	0.0180	7.734	0.2262	0.1588	41	-0.32	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2059	7.670	0.0200	7.734	0.2262	0.1588	41	-0.28	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0035	7.720	0.1000	7.734	0.2262	0.1588	41	-0.06	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2109	7.720	0.0400	7.734	0.2262	0.1588	41	-0.06	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0083	7.750	0.0400	7.734	0.2262	0.1588	41	0.07	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0171	7.750	0.0000	7.734	0.2262	0.1588	41	0.07	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0638	7.750	0.1000	7.734	0.2262	0.1588	41	0.07	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0876	7.750	0.3000	7.734	0.2262	0.1588	41	0.07	0%	0

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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0074	7.765	0.1700	7.734	0.2262	0.1588	41	0.14	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2192	7.775	0.0300	7.734	0.2262	0.1588	41	0.18	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0148	7.780	0.1600	7.734	0.2262	0.1588	41	0.20	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0571	7.840	0.0400	7.734	0.2262	0.1588	41	0.47	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0590	7.855	0.1900	7.734	0.2262	0.1588	41	0.53	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0650	7.885	0.1100	7.734	0.2262	0.1588	41	0.67	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0028	7.895	0.0100	7.734	0.2262	0.1588	41	0.71	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0098	7.895	0.0300	7.734	0.2262	0.1588	41	0.71	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0038	7.900	0.7000	7.734	0.2262	0.1588	41	0.73	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0045	7.920	0.6600	7.734	0.2262	0.1588	41	0.82	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0581	7.950	0.1000	7.734	0.2262	0.1588	41	0.95	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0689	7.950	0.1000	7.734	0.2262	0.1588	41	0.95	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0345	8.100	0.0600	7.734	0.2262	0.1588	41	1.62	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0142	8.110	0.0000	7.734	0.2262	0.1588	41	1.66	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2339	8.170	0.0600	7.734	0.2262	0.1588	41	1.93	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2259	8.737	0.0430	7.734	0.2262	0.1588	41	4.43	6%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0278	9.110	0.4800	7.734	0.2262	0.1588	41	6.08	9%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0003	8.675	1.370	7.734	0.2262	0.1588	41	4.16	6%	1
001.99	Loss on Drying, Miscellaneous (%)	0618	6.100	0.0800	7.674	0.3325	0.1196	15	-4.73	10%	0
001.99	Loss on Drying, Miscellaneous (%)	2155	6.915	0.3700	7.674	0.3325	0.1196	15	-2.28	5%	0
001.99	Loss on Drying, Miscellaneous (%)	0676	7.460	0.0200	7.674	0.3325	0.1196	15	-0.64	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0948	7.505	0.0500	7.674	0.3325	0.1196	15	-0.51	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0889	7.580	0.0000	7.674	0.3325	0.1196	15	-0.28	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0610	7.585	0.0100	7.674	0.3325	0.1196	15	-0.27	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0560	7.600	0.1200	7.674	0.3325	0.1196	15	-0.22	0%	0
001.99	Loss on Drying, Miscellaneous (%)	0918	7.660	0.0400	7.674	0.3325	0.1196	15	-0.04	0%	0
001.99	Loss on Drying, Miscellaneous (%)	0037	7.695	0.0100	7.674	0.3325	0.1196	15	0.06	0%	0
001.99	Loss on Drying, Miscellaneous (%)	0910	7.700	0.2000	7.674	0.3325	0.1196	15	0.08	0%	0
001.99	Loss on Drying, Miscellaneous (%)	2081	7.725	0.2500	7.674	0.3325	0.1196	15	0.15	0%	0
001.99	Loss on Drying, Miscellaneous (%)	0629	8.030	0.0400	7.674	0.3325	0.1196	15	1.07	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0019	8.070	0.2000	7.674	0.3325	0.1196	15	1.19	3%	0
001.99	Loss on Drying, Miscellaneous (%)	0357	8.071	0.0434	7.674	0.3325	0.1196	15	1.19	3%	0
001.99	Loss on Drying, Miscellaneous (%)	2268	8.080	0.3600	7.674	0.3325	0.1196	15	1.22	3%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	0653	13.81	0.0300	14.07	0.2400	0.1234	12	-1.12	1%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	0910	13.85	0.1000	14.07	0.2400	0.1234	12	-0.94	1%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	0043	13.98	0.1000	14.07	0.2400	0.1234	12	-0.39	0%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	0968	13.99	0.0900	14.07	0.2400	0.1234	12	-0.37	0%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	2188	13.99	0.3000	14.07	0.2400	0.1234	12	-0.35	0%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	0652	14.00	0.2000	14.07	0.2400	0.1234	12	-0.31	0%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	2259	14.01	0.1200	14.07	0.2400	0.1234	12	-0.28	0%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	2196	14.03	0.0000	14.07	0.2400	0.1234	12	-0.19	0%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	0870	14.03	0.1310	14.07	0.2400	0.1234	12	-0.18	0%	0

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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
002.01	Protein, Crude, Auto Kjell-Foss (%)	0610	14.35	0.3000	14.07	0.2400	0.1234	12	1.15	1%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	0889	14.43	0.1000	14.07	0.2400	0.1234	12	1.48	1%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	0685	14.49	0.0100	14.07	0.2400	0.1234	12	1.71	1%	0
002.02	Protein, Crude, Semiauto Autoanalyzer (%)	0036	13.40	0.0266				2			0
002.02	Protein, Crude, Semiauto Autoanalyzer (%)	0066	14.07	0.0600				2			0
002.04	Protein, Crude, Copper Catalyst (%)	0504	13.98	0.0400				2			0
002.04	Protein, Crude, Copper Catalyst (%)	0638	14.15	0.1000				2			0
002.05	Protein, Crude, Copper, Boric Acid (%)	0581	12.75	0.1000	13.98	0.1596	0.0883	20	-7.69	4%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0643	13.41	0.2000	13.98	0.1596	0.0883	20	-3.55	2%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2109	13.78	0.1700	13.98	0.1596	0.0883	20	-1.27	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0536	13.83	0.0200	13.98	0.1596	0.0883	20	-0.92	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0921	13.85	0.0360	13.98	0.1596	0.0883	20	-0.81	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2181	13.91	0.1300	13.98	0.1596	0.0883	20	-0.45	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2022	13.93	0.0200	13.98	0.1596	0.0883	20	-0.29	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0885	13.94	0.0547	13.98	0.1596	0.0883	20	-0.21	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0689	13.95	0.3000	13.98	0.1596	0.0883	20	-0.17	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2009	14.00	0.0109	13.98	0.1596	0.0883	20	0.15	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2340	14.01	0.0270	13.98	0.1596	0.0883	20	0.24	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0675	14.02	0.0100	13.98	0.1596	0.0883	20	0.24	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2192	14.02	0.0900	13.98	0.1596	0.0883	20	0.24	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0881	14.03	0.0980	13.98	0.1596	0.0883	20	0.31	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0939	14.04	0.0100	13.98	0.1596	0.0883	20	0.36	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0683	14.12	0.0700	13.98	0.1596	0.0883	20	0.86	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2073	14.14	0.0200	13.98	0.1596	0.0883	20	1.02	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0619	14.15	0.1000	13.98	0.1596	0.0883	20	1.08	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0948	14.17	0.1000	13.98	0.1596	0.0883	20	1.21	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2066	14.20	0.2000	13.98	0.1596	0.0883	20	1.40	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0651	13.87	0.5104	13.98	0.1596	0.0883	20	-0.65	0%	1
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0529	13.11	0.1300	14.23	0.2493	0.1224	103	-4.53	4%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0953	13.50	0.3100	14.23	0.2493	0.1224	103	-2.96	3%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0650	13.64	0.0000	14.23	0.2493	0.1224	103	-2.38	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0693	13.69	0.1250	14.23	0.2493	0.1224	103	-2.19	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0876	13.70	0.2000	14.23	0.2493	0.1224	103	-2.14	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0049	13.75	0.1000	14.23	0.2493	0.1224	103	-1.94	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0676	13.76	0.2500	14.23	0.2493	0.1224	103	-1.92	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0505	13.77	0.0100	14.23	0.2493	0.1224	103	-1.88	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0539	13.83	0.2100	14.23	0.2493	0.1224	103	-1.64	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0144	13.86	0.2900	14.23	0.2493	0.1224	103	-1.52	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0598	13.90	0.0400	14.23	0.2493	0.1224	103	-1.34	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0918	13.92	0.0200	14.23	0.2493	0.1224	103	-1.26	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0263	13.93	0.0275	14.23	0.2493	0.1224	103	-1.23	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2168	13.95	0.0500	14.23	0.2493	0.1224	103	-1.16	1%	0

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002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0870	13.96	0.2812	14.23	0.2493	0.1224	103	-1.10	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0018	13.98	0.1200	14.23	0.2493	0.1224	103	-1.02	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0644	13.99	0.0410	14.23	0.2493	0.1224	103	-0.97	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0968	14.02	0.1400	14.23	0.2493	0.1224	103	-0.86	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0626	14.03	0.1700	14.23	0.2493	0.1224	103	-0.84	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0345	14.04	0.0700	14.23	0.2493	0.1224	103	-0.80	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2129	14.04	0.2050	14.23	0.2493	0.1224	103	-0.76	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0682	14.06	0.0000	14.23	0.2493	0.1224	103	-0.70	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0100	14.08	0.0900	14.23	0.2493	0.1224	103	-0.64	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0425	14.09	0.0600	14.23	0.2493	0.1224	103	-0.58	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0964	14.09	0.0600	14.23	0.2493	0.1224	103	-0.58	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2059	14.09	0.0375	14.23	0.2493	0.1224	103	-0.56	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0123	14.10	0.0300	14.23	0.2493	0.1224	103	-0.56	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0001	14.10	0.0200	14.23	0.2493	0.1224	103	-0.54	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0175	14.10	0.0000	14.23	0.2493	0.1224	103	-0.54	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0910	14.10	0.2000	14.23	0.2493	0.1224	103	-0.54	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0039	14.10	0.1000	14.23	0.2493	0.1224	103	-0.53	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2216	14.12	0.0700	14.23	0.2493	0.1224	103	-0.48	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0939	14.12	0.1000	14.23	0.2493	0.1224	103	-0.46	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0546	14.13	0.0450	14.23	0.2493	0.1224	103	-0.42	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0297	14.13	0.0200	14.23	0.2493	0.1224	103	-0.42	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0032	14.14	0.0390	14.23	0.2493	0.1224	103	-0.39	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0574	14.14	0.0600	14.23	0.2493	0.1224	103	-0.38	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0014	14.15	0.1000	14.23	0.2493	0.1224	103	-0.34	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0687	14.15	0.1000	14.23	0.2493	0.1224	103	-0.34	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0956	14.15	0.1000	14.23	0.2493	0.1224	103	-0.34	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0590	14.18	0.0500	14.23	0.2493	0.1224	103	-0.24	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2339	14.18	0.2300	14.23	0.2493	0.1224	103	-0.24	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0309	14.18	0.1150	14.23	0.2493	0.1224	103	-0.22	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0675	14.18	0.0400	14.23	0.2493	0.1224	103	-0.22	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0028	14.20	0.2700	14.23	0.2493	0.1224	103	-0.16	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0202	14.20	0.1900	14.23	0.2493	0.1224	103	-0.16	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0010	14.20	0.2000	14.23	0.2493	0.1224	103	-0.14	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0017	14.20	0.0000	14.23	0.2493	0.1224	103	-0.14	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0208	14.20	0.2000	14.23	0.2493	0.1224	103	-0.14	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0619	14.20	0.0000	14.23	0.2493	0.1224	103	-0.14	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0859	14.22	0.1410	14.23	0.2493	0.1224	103	-0.07	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0948	14.25	0.0500	14.23	0.2493	0.1224	103	0.05	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0610	14.25	0.1000	14.23	0.2493	0.1224	103	0.07	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0853	14.25	0.1000	14.23	0.2493	0.1224	103	0.07	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2326	14.25	0.0000	14.23	0.2493	0.1224	103	0.07	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0164	14.28	0.0600	14.23	0.2493	0.1224	103	0.19	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0589	14.29	0.0300	14.23	0.2493	0.1224	103	0.21	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2303	14.29	0.1700	14.23	0.2493	0.1224	103	0.21	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0171	14.29	0.0000	14.23	0.2493	0.1224	103	0.23	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0009	14.30	0.2500	14.23	0.2493	0.1224	103	0.25	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0541	14.30	0.2500	14.23	0.2493	0.1224	103	0.25	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0016	14.30	0.6000	14.23	0.2493	0.1224	103	0.27	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0045	14.30	0.0000	14.23	0.2493	0.1224	103	0.27	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0074	14.30	0.2000	14.23	0.2493	0.1224	103	0.27	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0265	14.30	0.2000	14.23	0.2493	0.1224	103	0.27	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0553	14.30	0.0000	14.23	0.2493	0.1224	103	0.27	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2081	14.30	0.1000	14.23	0.2493	0.1224	103	0.27	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0027	14.32	0.0570	14.23	0.2493	0.1224	103	0.36	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0571	14.34	0.0100	14.23	0.2493	0.1224	103	0.41	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0857	14.35	0.0100	14.23	0.2493	0.1224	103	0.45	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2150	14.35	0.0100	14.23	0.2493	0.1224	103	0.45	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0019	14.35	0.0600	14.23	0.2493	0.1224	103	0.47	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0098	14.35	0.1000	14.23	0.2493	0.1224	103	0.47	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0142	14.36	0.1200	14.23	0.2493	0.1224	103	0.51	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0043	14.36	0.0750	14.23	0.2493	0.1224	103	0.52	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2089	14.37	0.1100	14.23	0.2493	0.1224	103	0.53	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0148	14.37	0.2230	14.23	0.2493	0.1224	103	0.53	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0511	14.39	0.4100	14.23	0.2493	0.1224	103	0.61	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2109	14.39	0.0200	14.23	0.2493	0.1224	103	0.63	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0037	14.40	0.0200	14.23	0.2493	0.1224	103	0.67	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0242	14.40	0.0200	14.23	0.2493	0.1224	103	0.67	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0358	14.43	0.0100	14.23	0.2493	0.1224	103	0.77	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0353	14.43	0.0200	14.23	0.2493	0.1224	103	0.79	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0512	14.44	0.0700	14.23	0.2493	0.1224	103	0.81	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0413	14.45	0.1000	14.23	0.2493	0.1224	103	0.87	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0035	14.46	0.0700	14.23	0.2493	0.1224	103	0.89	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0226	14.46	0.4900	14.23	0.2493	0.1224	103	0.89	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0108	14.48	0.2500	14.23	0.2493	0.1224	103	0.97	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2174	14.53	0.1300	14.23	0.2493	0.1224	103	1.17	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0407	14.53	0.2780	14.23	0.2493	0.1224	103	1.17	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0504	14.53	0.0600	14.23	0.2493	0.1224	103	1.19	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2213	14.53	0.0600	14.23	0.2493	0.1224	103	1.19	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0036	14.59	0.0900	14.23	0.2493	0.1224	103	1.41	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0042	14.60	0.4000	14.23	0.2493	0.1224	103	1.47	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0083	14.62	0.0200	14.23	0.2493	0.1224	103	1.55	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0190	14.64	0.0300	14.23	0.2493	0.1224	103	1.61	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0520	14.64	0.3000	14.23	0.2493	0.1224	103	1.63	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0298	14.68	0.0200	14.23	0.2493	0.1224	103	1.79	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0357	14.88	0.0000	14.23	0.2493	0.1224	103	2.57	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0047	14.90	0.4000	14.23	0.2493	0.1224	103	2.67	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0618	14.95	0.0710	14.23	0.2493	0.1224	103	2.88	3%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2155	15.46	0.3290	14.23	0.2493	0.1224	103	4.91	4%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0278	15.60	0.6000	14.23	0.2493	0.1224	103	5.48	5%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0843	15.12	1.630	14.23	0.2493	0.1224	103	3.54	3%	1
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2268	9.945	0.4100	14.23	0.2493	0.1224	103	-17.21	15%	2
002.08	Protein, Crude, Cu/Ti (%)	0098	14.06	0.0900				2			0
002.08	Protein, Crude, Cu/Ti (%)	0563	15.40	0.0853				2			0
002.10	Protein, Crude, Block dig/distillation (%)	0629	14.22	0.0900				1			0
002.11	Protein, Crude, NIR (%)	2105	13.26	0.2500	13.88	0.5997	0.1325	4			0
002.11	Protein, Crude, NIR (%)	0297	13.47	0.0200	13.88	0.5997	0.1325	4			0
002.11	Protein, Crude, NIR (%)	0889	14.38	0.0600	13.88	0.5997	0.1325	4			0
002.11	Protein, Crude, NIR (%)	0964	14.40	0.2000	13.88	0.5997	0.1325	4			0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0885	3.964	0.0515	8.265	0.2857	0.0950	10	-15.05	26%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0309	7.933	0.0060	8.265	0.2857	0.0950	10	-1.16	2%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0345	8.125	0.0500	8.265	0.2857	0.0950	10	-0.49	1%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2192	8.225	0.0300	8.265	0.2857	0.0950	10	-0.14	0%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0035	8.240	0.2200	8.265	0.2857	0.0950	10	-0.09	0%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0653	8.310	0.0600	8.265	0.2857	0.0950	10	0.16	0%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2109	8.360	0.2800	8.265	0.2857	0.0950	10	0.33	1%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2340	8.428	0.0320	8.265	0.2857	0.0950	10	0.57	1%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0175	8.590	0.0200	8.265	0.2857	0.0950	10	1.14	2%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0032	8.600	0.2000	8.265	0.2857	0.0950	10	1.17	2%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0017	8.700	0.6000	8.265	0.2857	0.0950	10	1.52	3%	1
003.01	Fat, Crude, Diethyl Ether Ext (13th ed.), Indirect (%)	0504	3.755	0.3700				2			0
003.01	Fat, Crude, Diethyl Ether Ext (13th ed.), Indirect (%)	0164	8.185	0.0100				2			0
003.06	Fat, Crude, Pet Ether (%)	0563	6.573	0.1856	8.233	0.2470	0.1213	14	-6.72	10%	0
003.06	Fat, Crude, Pet Ether (%)	0229	7.490	0.4800	8.233	0.2470	0.1213	14	-3.01	5%	0
003.06	Fat, Crude, Pet Ether (%)	2181	8.070	0.0200	8.233	0.2470	0.1213	14	-0.66	1%	0
003.06	Fat, Crude, Pet Ether (%)	2066	8.140	0.0000	8.233	0.2470	0.1213	14	-0.37	1%	0
003.06	Fat, Crude, Pet Ether (%)	0682	8.160	0.0000	8.233	0.2470	0.1213	14	-0.29	0%	0
003.06	Fat, Crude, Pet Ether (%)	0687	8.175	0.1500	8.233	0.2470	0.1213	14	-0.23	0%	0
003.06	Fat, Crude, Pet Ether (%)	0297	8.215	0.0300	8.233	0.2470	0.1213	14	-0.07	0%	0
003.06	Fat, Crude, Pet Ether (%)	0425	8.225	0.0500	8.233	0.2470	0.1213	14	-0.03	0%	0
003.06	Fat, Crude, Pet Ether (%)	2268	8.315	0.1900	8.233	0.2470	0.1213	14	0.33	1%	0
003.06	Fat, Crude, Pet Ether (%)	0644	8.316	0.0100	8.233	0.2470	0.1213	14	0.34	1%	0
003.06	Fat, Crude, Pet Ether (%)	0651	8.325	0.3425	8.233	0.2470	0.1213	14	0.37	1%	0
003.06	Fat, Crude, Pet Ether (%)	0918	8.450	0.0400	8.233	0.2470	0.1213	14	0.88	1%	0
003.06	Fat, Crude, Pet Ether (%)	0689	8.550	0.1000	8.233	0.2470	0.1213	14	1.29	2%	0
003.06	Fat, Crude, Pet Ether (%)	0910	8.590	0.1000	8.233	0.2470	0.1213	14	1.45	2%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0027	7.302	0.0550	8.230	0.1945	0.1073	12	-4.77	6%	0

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003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0638	8.000	0.0000	8.230	0.1945	0.1073	12	-1.18	1%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0675	8.055	0.0500	8.230	0.1945	0.1073	12	-0.90	1%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0948	8.110	0.1400	8.230	0.1945	0.1073	12	-0.62	1%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0512	8.192	0.0090	8.230	0.1945	0.1073	12	-0.20	0%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0870	8.215	0.0300	8.230	0.1945	0.1073	12	-0.08	0%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0226	8.325	0.2700	8.230	0.1945	0.1073	12	0.49	1%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0590	8.330	0.1600	8.230	0.1945	0.1073	12	0.51	1%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0098	8.350	0.1400	8.230	0.1945	0.1073	12	0.62	1%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0964	8.391	0.3440	8.230	0.1945	0.1073	12	0.83	1%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0353	8.400	0.0800	8.230	0.1945	0.1073	12	0.87	1%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0685	8.455	0.0100	8.230	0.1945	0.1073	12	1.16	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2073	7.140	0.0400	8.013	0.2768	0.1020	21	-3.15	5%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0036	7.441	0.0884	8.013	0.2768	0.1020	21	-2.07	4%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0263	7.585	0.0856	8.013	0.2768	0.1020	21	-1.54	3%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0042	7.790	0.2200	8.013	0.2768	0.1020	21	-0.81	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0100	7.795	0.1500	8.013	0.2768	0.1020	21	-0.79	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0693	7.879	0.0030	8.013	0.2768	0.1020	21	-0.49	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0098	7.925	0.0500	8.013	0.2768	0.1020	21	-0.32	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0242	7.980	0.0400	8.013	0.2768	0.1020	21	-0.12	0%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2188	7.980	0.0000	8.013	0.2768	0.1020	21	-0.12	0%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2022	8.030	0.1400	8.013	0.2768	0.1020	21	0.06	0%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0062	8.030	0.0400	8.013	0.2768	0.1020	21	0.06	0%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0889	8.035	0.0100	8.013	0.2768	0.1020	21	0.08	0%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0541	8.055	0.4300	8.013	0.2768	0.1020	21	0.15	0%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0045	8.075	0.1300	8.013	0.2768	0.1020	21	0.22	0%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0881	8.169	0.1330	8.013	0.2768	0.1020	21	0.56	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0870	8.192	0.0914	8.013	0.2768	0.1020	21	0.65	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2196	8.210	0.0000	8.013	0.2768	0.1020	21	0.71	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2009	8.229	0.0016	8.013	0.2768	0.1020	21	0.78	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0689	8.250	0.1000	8.013	0.2768	0.1020	21	0.86	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0148	8.680	0.0000	8.013	0.2768	0.1020	21	2.41	4%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0676	11.75	0.3900	8.013	0.2768	0.1020	21	13.48	23%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2155	6.546	0.9100	8.013	0.2768	0.1020	21	-5.30	9%	1
003.11	Fat, Crude, NIR (%)	2105	8.205	0.2300	9.001	0.6822	0.1575	4			0
003.11	Fat, Crude, NIR (%)	0889	8.885	0.0900	9.001	0.6822	0.1575	4			0
003.11	Fat, Crude, NIR (%)	0964	9.050	0.3000	9.001	0.6822	0.1575	4			0
003.11	Fat, Crude, NIR (%)	0297	9.865	0.0100	9.001	0.6822	0.1575	4			0
003.12	Fat, Crude, Hexane Ext (%)	0171	8.130	0.1000				2			0
003.12	Fat, Crude, Hexane Ext (%)	2326	8.725	0.0100				2			0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	2089	7.730	0.4800	8.163	0.1944	0.1731	6	-2.23	3%	0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	0208	8.135	0.0100	8.163	0.1944	0.1731	6	-0.14	0%	0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	0123	8.145	0.0300	8.163	0.1944	0.1731	6	-0.09	0%	0

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003.13	Fat, Crude, Randall, Hexane Ext. (%)	0028	8.195	0.0100	8.163	0.1944	0.1731	6	0.16	0%	0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	0098	8.235	0.1700	8.163	0.1944	0.1731	6	0.37	0%	0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	0870	8.397	0.3386	8.163	0.1944	0.1731	6	1.20	1%	0
003.14	Fat, Crude, Ankom (%)	0278	2.350	0.5000	6.071	1.444	0.3226	41	-2.58	31%	0
003.14	Fat, Crude, Ankom (%)	0357	2.600	0.2000	6.071	1.444	0.3226	41	-2.40	29%	0
003.14	Fat, Crude, Ankom (%)	0574	3.615	0.0100	6.071	1.444	0.3226	41	-1.70	20%	0
003.14	Fat, Crude, Ankom (%)	2129	4.019	0.4100	6.071	1.444	0.3226	41	-1.42	17%	0
003.14	Fat, Crude, Ankom (%)	0505	4.135	0.0300	6.071	1.444	0.3226	41	-1.34	16%	0
003.14	Fat, Crude, Ankom (%)	0175	4.610	0.1000	6.071	1.444	0.3226	41	-1.01	12%	0
003.14	Fat, Crude, Ankom (%)	0019	4.740	0.5400	6.071	1.444	0.3226	41	-0.92	11%	0
003.14	Fat, Crude, Ankom (%)	0298	4.860	0.0200	6.071	1.444	0.3226	41	-0.84	10%	0
003.14	Fat, Crude, Ankom (%)	0358	4.935	0.0900	6.071	1.444	0.3226	41	-0.79	9%	0
003.14	Fat, Crude, Ankom (%)	0171	5.135	0.3900	6.071	1.444	0.3226	41	-0.65	8%	0
003.14	Fat, Crude, Ankom (%)	0853	5.150	1.300	6.071	1.444	0.3226	41	-0.64	8%	0
003.14	Fat, Crude, Ankom (%)	0049	5.220	0.6600	6.071	1.444	0.3226	41	-0.59	7%	0
003.14	Fat, Crude, Ankom (%)	0229	5.260	0.4800	6.071	1.444	0.3226	41	-0.56	7%	0
003.14	Fat, Crude, Ankom (%)	0511	5.310	1.160	6.071	1.444	0.3226	41	-0.53	6%	0
003.14	Fat, Crude, Ankom (%)	0683	5.450	0.0800	6.071	1.444	0.3226	41	-0.43	5%	0
003.14	Fat, Crude, Ankom (%)	0202	5.465	0.0900	6.071	1.444	0.3226	41	-0.42	5%	0
003.14	Fat, Crude, Ankom (%)	0407	5.637	0.2159	6.071	1.444	0.3226	41	-0.30	4%	0
003.14	Fat, Crude, Ankom (%)	0876	5.750	0.7000	6.071	1.444	0.3226	41	-0.22	3%	0
003.14	Fat, Crude, Ankom (%)	0083	5.755	0.0900	6.071	1.444	0.3226	41	-0.22	3%	0
003.14	Fat, Crude, Ankom (%)	0939	5.935	0.6100	6.071	1.444	0.3226	41	-0.09	1%	0
003.14	Fat, Crude, Ankom (%)	0682	6.110	0.0000	6.071	1.444	0.3226	41	0.03	0%	0
003.14	Fat, Crude, Ankom (%)	0520	6.300	0.2200	6.071	1.444	0.3226	41	0.16	2%	0
003.14	Fat, Crude, Ankom (%)	0148	6.335	0.6500	6.071	1.444	0.3226	41	0.18	2%	0
003.14	Fat, Crude, Ankom (%)	0563	6.573	0.1856	6.071	1.444	0.3226	41	0.35	4%	0
003.14	Fat, Crude, Ankom (%)	0265	6.640	0.2200	6.071	1.444	0.3226	41	0.39	5%	0
003.14	Fat, Crude, Ankom (%)	0956	6.700	0.2000	6.071	1.444	0.3226	41	0.44	5%	0
003.14	Fat, Crude, Ankom (%)	0948	6.735	0.2500	6.071	1.444	0.3226	41	0.46	5%	0
003.14	Fat, Crude, Ankom (%)	0843	6.855	0.0700	6.071	1.444	0.3226	41	0.54	6%	0
003.14	Fat, Crude, Ankom (%)	0037	6.995	0.3500	6.071	1.444	0.3226	41	0.64	8%	0
003.14	Fat, Crude, Ankom (%)	0968	7.055	0.1100	6.071	1.444	0.3226	41	0.68	8%	0
003.14	Fat, Crude, Ankom (%)	0144	7.085	0.6500	6.071	1.444	0.3226	41	0.70	8%	0
003.14	Fat, Crude, Ankom (%)	0598	7.105	0.0100	6.071	1.444	0.3226	41	0.72	9%	0
003.14	Fat, Crude, Ankom (%)	0581	7.150	0.1000	6.071	1.444	0.3226	41	0.75	9%	0
003.14	Fat, Crude, Ankom (%)	0413	7.400	0.8000	6.071	1.444	0.3226	41	0.92	11%	0
003.14	Fat, Crude, Ankom (%)	0108	7.450	0.8600	6.071	1.444	0.3226	41	0.95	11%	0
003.14	Fat, Crude, Ankom (%)	0529	7.525	0.3900	6.071	1.444	0.3226	41	1.01	12%	0
003.14	Fat, Crude, Ankom (%)	0001	7.578	0.0250	6.071	1.444	0.3226	41	1.04	12%	0
003.14	Fat, Crude, Ankom (%)	0074	7.780	0.0200	6.071	1.444	0.3226	41	1.18	14%	0
003.14	Fat, Crude, Ankom (%)	0066	8.005	0.1100	6.071	1.444	0.3226	41	1.34	16%	0



Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
003.14	Fat, Crude, Ankom (%)	0619	8.230	0.0200	6.071	1.444	0.3226	41	1.50	18%	0
003.14	Fat, Crude, Ankom (%)	0190	8.485	0.3100	6.071	1.444	0.3226	41	1.67	20%	0
003.99	Fat, Crude, Miscellaneous (%)	0546	7.165	0.0300				3			0
003.99	Fat, Crude, Miscellaneous (%)	0536	8.415	0.0900				3			0
003.99	Fat, Crude, Miscellaneous (%)	0941	8.435	0.3100				3			0
004.00	Fiber, Crude, Asbestos Free (%)	0226	13.98	0.3700	14.44	0.4142	0.3273	12	-1.13	2%	0
004.00	Fiber, Crude, Asbestos Free (%)	2066	13.98	0.1900	14.44	0.4142	0.3273	12	-1.13	2%	0
004.00	Fiber, Crude, Asbestos Free (%)	0309	14.17	0.0873	14.44	0.4142	0.3273	12	-0.67	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	0208	14.20	0.4000	14.44	0.4142	0.3273	12	-0.58	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	0171	14.29	0.3300	14.44	0.4142	0.3273	12	-0.38	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	0164	14.35	0.9000	14.44	0.4142	0.3273	12	-0.22	0%	0
004.00	Fiber, Crude, Asbestos Free (%)	0175	14.43	0.2200	14.44	0.4142	0.3273	12	-0.03	0%	0
004.00	Fiber, Crude, Asbestos Free (%)	0345	14.47	0.1300	14.44	0.4142	0.3273	12	0.06	0%	0
004.00	Fiber, Crude, Asbestos Free (%)	0425	14.55	0.1000	14.44	0.4142	0.3273	12	0.26	0%	0
004.00	Fiber, Crude, Asbestos Free (%)	2073	14.89	0.1700	14.44	0.4142	0.3273	12	1.07	2%	0
004.00	Fiber, Crude, Asbestos Free (%)	0504	14.96	0.9000	14.44	0.4142	0.3273	12	1.25	2%	0
004.00	Fiber, Crude, Asbestos Free (%)	2326	15.73	0.1300	14.44	0.4142	0.3273	12	3.10	4%	0
004.03	Fiber, Crude, Fritted Glass (%)	2089	13.43	0.7800				3			0
004.03	Fiber, Crude, Fritted Glass (%)	2192	14.33	0.5400				3			0
004.03	Fiber, Crude, Fritted Glass (%)	0353	14.95	0.1000				3			0
004.06	Fiber, Crude, Fibertec (%)	0964	13.42	0.1300	14.38	0.8572	0.1968	13	-1.13	3%	0
004.06	Fiber, Crude, Fibertec (%)	0610	13.45	0.5000	14.38	0.8572	0.1968	13	-1.09	3%	0
004.06	Fiber, Crude, Fibertec (%)	0098	13.60	0.0400	14.38	0.8572	0.1968	13	-0.91	3%	0
004.06	Fiber, Crude, Fibertec (%)	0885	13.81	0.0618	14.38	0.8572	0.1968	13	-0.67	2%	0
004.06	Fiber, Crude, Fibertec (%)	0881	13.86	0.1570	14.38	0.8572	0.1968	13	-0.61	2%	0
004.06	Fiber, Crude, Fibertec (%)	0689	14.10	0.2000	14.38	0.8572	0.1968	13	-0.33	1%	0
004.06	Fiber, Crude, Fibertec (%)	0512	14.27	0.1100	14.38	0.8572	0.1968	13	-0.14	0%	0
004.06	Fiber, Crude, Fibertec (%)	0948	14.56	0.0400	14.38	0.8572	0.1968	13	0.21	1%	0
004.06	Fiber, Crude, Fibertec (%)	0941	14.84	0.1600	14.38	0.8572	0.1968	13	0.53	2%	0
004.06	Fiber, Crude, Fibertec (%)	0968	14.96	0.5500	14.38	0.8572	0.1968	13	0.67	2%	0
004.06	Fiber, Crude, Fibertec (%)	0638	15.00	0.0000	14.38	0.8572	0.1968	13	0.72	2%	0
004.06	Fiber, Crude, Fibertec (%)	0918	15.45	0.3000	14.38	0.8572	0.1968	13	1.25	4%	0
004.06	Fiber, Crude, Fibertec (%)	0676	16.06	0.3100	14.38	0.8572	0.1968	13	1.95	6%	0
004.07	Fiber, Crude, ANKOM (%)	0278	5.100	0.8000	14.57	0.8937	0.2755	59	-10.59	32%	0
004.07	Fiber, Crude, ANKOM (%)	0265	13.35	0.3000	14.57	0.8937	0.2755	59	-1.36	4%	0
004.07	Fiber, Crude, ANKOM (%)	0619	13.35	0.1000	14.57	0.8937	0.2755	59	-1.36	4%	0
004.07	Fiber, Crude, ANKOM (%)	0100	13.36	0.6200	14.57	0.8937	0.2755	59	-1.35	4%	0
004.07	Fiber, Crude, ANKOM (%)	0229	13.47	1.160	14.57	0.8937	0.2755	59	-1.23	4%	0
004.07	Fiber, Crude, ANKOM (%)	0407	13.50	0.3765	14.57	0.8937	0.2755	59	-1.20	4%	0
004.07	Fiber, Crude, ANKOM (%)	0413	13.50	0.6000	14.57	0.8937	0.2755	59	-1.19	4%	0
004.07	Fiber, Crude, ANKOM (%)	0683	13.52	0.2700	14.57	0.8937	0.2755	59	-1.18	4%	0
004.07	Fiber, Crude, ANKOM (%)	2009	13.53	0.0501	14.57	0.8937	0.2755	59	-1.16	4%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
004.07	Fiber, Crude, ANKOM (%)	0644	13.57	0.1900	14.57	0.8937	0.2755	59	-1.11	3%	0
004.07	Fiber, Crude, ANKOM (%)	0035	13.62	0.1200	14.57	0.8937	0.2755	59	-1.06	3%	0
004.07	Fiber, Crude, ANKOM (%)	2340	13.76	0.0070	14.57	0.8937	0.2755	59	-0.91	3%	0
004.07	Fiber, Crude, ANKOM (%)	0956	13.80	0.0000	14.57	0.8937	0.2755	59	-0.86	3%	0
004.07	Fiber, Crude, ANKOM (%)	0505	13.81	0.3300	14.57	0.8937	0.2755	59	-0.85	3%	0
004.07	Fiber, Crude, ANKOM (%)	0643	13.92	0.0600	14.57	0.8937	0.2755	59	-0.72	2%	0
004.07	Fiber, Crude, ANKOM (%)	0876	14.00	0.2000	14.57	0.8937	0.2755	59	-0.63	2%	0
004.07	Fiber, Crude, ANKOM (%)	0016	14.10	0.0000	14.57	0.8937	0.2755	59	-0.52	2%	0
004.07	Fiber, Crude, ANKOM (%)	0910	14.10	0.4000	14.57	0.8937	0.2755	59	-0.52	2%	0
004.07	Fiber, Crude, ANKOM (%)	0098	14.12	0.6600	14.57	0.8937	0.2755	59	-0.50	2%	0
004.07	Fiber, Crude, ANKOM (%)	0939	14.19	0.0300	14.57	0.8937	0.2755	59	-0.43	1%	0
004.07	Fiber, Crude, ANKOM (%)	0881	14.19	0.3690	14.57	0.8937	0.2755	59	-0.42	1%	0
004.07	Fiber, Crude, ANKOM (%)	0083	14.20	0.0500	14.57	0.8937	0.2755	59	-0.42	1%	0
004.07	Fiber, Crude, ANKOM (%)	0190	14.25	0.3000	14.57	0.8937	0.2755	59	-0.35	1%	0
004.07	Fiber, Crude, ANKOM (%)	2181	14.25	0.0600	14.57	0.8937	0.2755	59	-0.35	1%	0
004.07	Fiber, Crude, ANKOM (%)	0870	14.33	0.3984	14.57	0.8937	0.2755	59	-0.27	1%	0
004.07	Fiber, Crude, ANKOM (%)	0563	14.43	0.2227	14.57	0.8937	0.2755	59	-0.15	0%	0
004.07	Fiber, Crude, ANKOM (%)	0123	14.44	0.0300	14.57	0.8937	0.2755	59	-0.15	0%	0
004.07	Fiber, Crude, ANKOM (%)	0590	14.45	0.1000	14.57	0.8937	0.2755	59	-0.13	0%	0
004.07	Fiber, Crude, ANKOM (%)	2196	14.47	0.0000	14.57	0.8937	0.2755	59	-0.11	0%	0
004.07	Fiber, Crude, ANKOM (%)	2109	14.48	0.5400	14.57	0.8937	0.2755	59	-0.10	0%	0
004.07	Fiber, Crude, ANKOM (%)	0948	14.59	0.0600	14.57	0.8937	0.2755	59	0.03	0%	0
004.07	Fiber, Crude, ANKOM (%)	2259	14.60	0.1100	14.57	0.8937	0.2755	59	0.04	0%	0
004.07	Fiber, Crude, ANKOM (%)	0042	14.66	0.5300	14.57	0.8937	0.2755	59	0.10	0%	0
004.07	Fiber, Crude, ANKOM (%)	0066	14.66	0.3400	14.57	0.8937	0.2755	59	0.10	0%	0
004.07	Fiber, Crude, ANKOM (%)	0653	14.67	0.2300	14.57	0.8937	0.2755	59	0.11	0%	0
004.07	Fiber, Crude, ANKOM (%)	0045	14.75	0.3000	14.57	0.8937	0.2755	59	0.21	1%	0
004.07	Fiber, Crude, ANKOM (%)	0144	14.79	0.2300	14.57	0.8937	0.2755	59	0.24	1%	0
004.07	Fiber, Crude, ANKOM (%)	0039	14.81	0.0140	14.57	0.8937	0.2755	59	0.27	1%	0
004.07	Fiber, Crude, ANKOM (%)	0009	15.04	0.0500	14.57	0.8937	0.2755	59	0.52	2%	0
004.07	Fiber, Crude, ANKOM (%)	0675	15.10	0.2500	14.57	0.8937	0.2755	59	0.59	2%	0
004.07	Fiber, Crude, ANKOM (%)	0511	15.20	0.4000	14.57	0.8937	0.2755	59	0.71	2%	0
004.07	Fiber, Crude, ANKOM (%)	2188	15.24	0.0000	14.57	0.8937	0.2755	59	0.75	2%	0
004.07	Fiber, Crude, ANKOM (%)	0074	15.26	0.5400	14.57	0.8937	0.2755	59	0.78	2%	0
004.07	Fiber, Crude, ANKOM (%)	0019	15.28	0.3100	14.57	0.8937	0.2755	59	0.79	2%	0
004.07	Fiber, Crude, ANKOM (%)	0553	15.29	0.5700	14.57	0.8937	0.2755	59	0.80	2%	0
004.07	Fiber, Crude, ANKOM (%)	0536	15.30	0.1900	14.57	0.8937	0.2755	59	0.82	3%	0
004.07	Fiber, Crude, ANKOM (%)	0032	15.35	0.7000	14.57	0.8937	0.2755	59	0.88	3%	0
004.07	Fiber, Crude, ANKOM (%)	0581	15.35	0.1000	14.57	0.8937	0.2755	59	0.88	3%	0
004.07	Fiber, Crude, ANKOM (%)	0626	15.39	0.1100	14.57	0.8937	0.2755	59	0.92	3%	0
004.07	Fiber, Crude, ANKOM (%)	0589	15.43	0.7000	14.57	0.8937	0.2755	59	0.97	3%	0
004.07	Fiber, Crude, ANKOM (%)	0693	15.48	0.1730	14.57	0.8937	0.2755	59	1.02	3%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
004.07	Fiber, Crude, ANKOM (%)	0529	15.52	0.2500	14.57	0.8937	0.2755	59	1.06	3%	0
004.07	Fiber, Crude, ANKOM (%)	0263	15.60	0.0134	14.57	0.8937	0.2755	59	1.15	4%	0
004.07	Fiber, Crude, ANKOM (%)	0202	15.68	0.5600	14.57	0.8937	0.2755	59	1.25	4%	0
004.07	Fiber, Crude, ANKOM (%)	0242	15.75	1.020	14.57	0.8937	0.2755	59	1.32	4%	0
004.07	Fiber, Crude, ANKOM (%)	0682	15.80	0.0000	14.57	0.8937	0.2755	59	1.38	4%	0
004.07	Fiber, Crude, ANKOM (%)	0598	15.82	0.0300	14.57	0.8937	0.2755	59	1.40	4%	0
004.07	Fiber, Crude, ANKOM (%)	0520	16.00	0.1000	14.57	0.8937	0.2755	59	1.60	5%	0
004.07	Fiber, Crude, ANKOM (%)	0968	16.40	0.0300	14.57	0.8937	0.2755	59	2.05	6%	0
004.07	Fiber, Crude, ANKOM (%)	0028	13.45	1.300	14.57	0.8937	0.2755	59	-1.25	4%	1
004.07	Fiber, Crude, ANKOM (%)	0889	0.0000	0.0000	14.57	0.8937	0.2755	59			4
004.11	Fiber, Crude, NIR (%)	2105	10.33	0.1300				3			0
004.11	Fiber, Crude, NIR (%)	0889	15.12	0.1100				3			0
004.11	Fiber, Crude, NIR (%)	0964	15.50	1.000				3			0
004.99	Fiber, Crude, Miscellaneous (%)	2129	13.70	1.112				2			0
004.99	Fiber, Crude, Miscellaneous (%)	0629	14.45	0.5000				2			0
005.00	Ash, 2h @ 600°C (%)	0953	9.900	0.1800	10.41	0.1898	0.1314	66	-2.67	2%	0
005.00	Ash, 2h @ 600°C (%)	0425	10.01	0.1700	10.41	0.1898	0.1314	66	-2.12	2%	0
005.00	Ash, 2h @ 600°C (%)	0539	10.01	0.1000	10.41	0.1898	0.1314	66	-2.09	2%	0
005.00	Ash, 2h @ 600°C (%)	0019	10.03	0.0600	10.41	0.1898	0.1314	66	-1.98	2%	0
005.00	Ash, 2h @ 600°C (%)	2268	10.08	0.0100	10.41	0.1898	0.1314	66	-1.75	2%	0
005.00	Ash, 2h @ 600°C (%)	0144	10.08	0.0400	10.41	0.1898	0.1314	66	-1.72	2%	0
005.00	Ash, 2h @ 600°C (%)	2022	10.14	0.0500	10.41	0.1898	0.1314	66	-1.43	1%	0
005.00	Ash, 2h @ 600°C (%)	0357	10.15	0.1000	10.41	0.1898	0.1314	66	-1.35	1%	0
005.00	Ash, 2h @ 600°C (%)	0574	10.18	0.0900	10.41	0.1898	0.1314	66	-1.22	1%	0
005.00	Ash, 2h @ 600°C (%)	0042	10.19	0.0300	10.41	0.1898	0.1314	66	-1.17	1%	0
005.00	Ash, 2h @ 600°C (%)	2073	10.19	0.0300	10.41	0.1898	0.1314	66	-1.17	1%	0
005.00	Ash, 2h @ 600°C (%)	0650	10.23	0.0700	10.41	0.1898	0.1314	66	-0.96	1%	0
005.00	Ash, 2h @ 600°C (%)	0358	10.23	0.0400	10.41	0.1898	0.1314	66	-0.93	1%	0
005.00	Ash, 2h @ 600°C (%)	0049	10.27	0.3100	10.41	0.1898	0.1314	66	-0.75	1%	0
005.00	Ash, 2h @ 600°C (%)	0918	10.27	0.0600	10.41	0.1898	0.1314	66	-0.72	1%	0
005.00	Ash, 2h @ 600°C (%)	2150	10.27	0.0200	10.41	0.1898	0.1314	66	-0.72	1%	0
005.00	Ash, 2h @ 600°C (%)	0175	10.28	0.0400	10.41	0.1898	0.1314	66	-0.67	1%	0
005.00	Ash, 2h @ 600°C (%)	0208	10.30	0.2000	10.41	0.1898	0.1314	66	-0.56	1%	0
005.00	Ash, 2h @ 600°C (%)	0643	10.31	0.1500	10.41	0.1898	0.1314	66	-0.54	0%	0
005.00	Ash, 2h @ 600°C (%)	2340	10.32	0.0500	10.41	0.1898	0.1314	66	-0.46	0%	0
005.00	Ash, 2h @ 600°C (%)	0693	10.33	0.3160	10.41	0.1898	0.1314	66	-0.41	0%	0
005.00	Ash, 2h @ 600°C (%)	0881	10.34	0.2120	10.41	0.1898	0.1314	66	-0.36	0%	0
005.00	Ash, 2h @ 600°C (%)	0589	10.35	0.0200	10.41	0.1898	0.1314	66	-0.30	0%	0
005.00	Ash, 2h @ 600°C (%)	0142	10.36	0.3900	10.41	0.1898	0.1314	66	-0.27	0%	0
005.00	Ash, 2h @ 600°C (%)	0968	10.36	0.0100	10.41	0.1898	0.1314	66	-0.27	0%	0
005.00	Ash, 2h @ 600°C (%)	2181	10.38	0.1500	10.41	0.1898	0.1314	66	-0.17	0%	0
005.00	Ash, 2h @ 600°C (%)	0598	10.38	0.0200	10.41	0.1898	0.1314	66	-0.14	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
005.00	Ash, 2h @ 600°C (%)	0541	10.39	0.0300	10.41	0.1898	0.1314	66	-0.11	0%	0
005.00	Ash, 2h @ 600°C (%)	2326	10.39	0.2700	10.41	0.1898	0.1314	66	-0.11	0%	0
005.00	Ash, 2h @ 600°C (%)	0045	10.40	0.6000	10.41	0.1898	0.1314	66	-0.03	0%	0
005.00	Ash, 2h @ 600°C (%)	0956	10.40	0.2000	10.41	0.1898	0.1314	66	-0.03	0%	0
005.00	Ash, 2h @ 600°C (%)	0682	10.42	0.0000	10.41	0.1898	0.1314	66	0.07	0%	0
005.00	Ash, 2h @ 600°C (%)	0242	10.43	0.0500	10.41	0.1898	0.1314	66	0.10	0%	0
005.00	Ash, 2h @ 600°C (%)	0298	10.43	0.0200	10.41	0.1898	0.1314	66	0.12	0%	0
005.00	Ash, 2h @ 600°C (%)	0229	10.44	0.1400	10.41	0.1898	0.1314	66	0.18	0%	0
005.00	Ash, 2h @ 600°C (%)	0297	10.44	0.0800	10.41	0.1898	0.1314	66	0.18	0%	0
005.00	Ash, 2h @ 600°C (%)	0148	10.45	0.2700	10.41	0.1898	0.1314	66	0.20	0%	0
005.00	Ash, 2h @ 600°C (%)	0553	10.45	0.1500	10.41	0.1898	0.1314	66	0.20	0%	0
005.00	Ash, 2h @ 600°C (%)	0265	10.45	0.1000	10.41	0.1898	0.1314	66	0.23	0%	0
005.00	Ash, 2h @ 600°C (%)	0870	10.46	0.0750	10.41	0.1898	0.1314	66	0.29	0%	0
005.00	Ash, 2h @ 600°C (%)	0083	10.47	0.0200	10.41	0.1898	0.1314	66	0.33	0%	0
005.00	Ash, 2h @ 600°C (%)	0563	10.48	0.0914	10.41	0.1898	0.1314	66	0.38	0%	0
005.00	Ash, 2h @ 600°C (%)	0164	10.48	0.1600	10.41	0.1898	0.1314	66	0.39	0%	0
005.00	Ash, 2h @ 600°C (%)	0504	10.49	0.1100	10.41	0.1898	0.1314	66	0.41	0%	0
005.00	Ash, 2h @ 600°C (%)	0651	10.49	0.2045	10.41	0.1898	0.1314	66	0.42	0%	0
005.00	Ash, 2h @ 600°C (%)	2259	10.49	0.0600	10.41	0.1898	0.1314	66	0.44	0%	0
005.00	Ash, 2h @ 600°C (%)	0123	10.50	0.1500	10.41	0.1898	0.1314	66	0.47	0%	0
005.00	Ash, 2h @ 600°C (%)	0345	10.50	0.2000	10.41	0.1898	0.1314	66	0.49	0%	0
005.00	Ash, 2h @ 600°C (%)	0062	10.52	0.0400	10.41	0.1898	0.1314	66	0.60	1%	0
005.00	Ash, 2h @ 600°C (%)	0618	10.53	0.1704	10.41	0.1898	0.1314	66	0.66	1%	0
005.00	Ash, 2h @ 600°C (%)	0948	10.55	0.0500	10.41	0.1898	0.1314	66	0.73	1%	0
005.00	Ash, 2h @ 600°C (%)	0581	10.55	0.1000	10.41	0.1898	0.1314	66	0.76	1%	0
005.00	Ash, 2h @ 600°C (%)	2196	10.55	0.0000	10.41	0.1898	0.1314	66	0.76	1%	0
005.00	Ash, 2h @ 600°C (%)	2188	10.56	0.0500	10.41	0.1898	0.1314	66	0.78	1%	0
005.00	Ash, 2h @ 600°C (%)	0171	10.56	0.0800	10.41	0.1898	0.1314	66	0.81	1%	0
005.00	Ash, 2h @ 600°C (%)	0407	10.57	0.0535	10.41	0.1898	0.1314	66	0.87	1%	0
005.00	Ash, 2h @ 600°C (%)	0035	10.58	0.1000	10.41	0.1898	0.1314	66	0.91	1%	0
005.00	Ash, 2h @ 600°C (%)	0353	10.60	0.2400	10.41	0.1898	0.1314	66	1.02	1%	0
005.00	Ash, 2h @ 600°C (%)	0853	10.60	0.6000	10.41	0.1898	0.1314	66	1.02	1%	0
005.00	Ash, 2h @ 600°C (%)	0098	10.61	0.0700	10.41	0.1898	0.1314	66	1.05	1%	0
005.00	Ash, 2h @ 600°C (%)	0675	10.72	0.2300	10.41	0.1898	0.1314	66	1.62	1%	0
005.00	Ash, 2h @ 600°C (%)	0520	10.73	0.0700	10.41	0.1898	0.1314	66	1.68	2%	0
005.00	Ash, 2h @ 600°C (%)	0309	10.73	0.0200	10.41	0.1898	0.1314	66	1.70	2%	0
005.00	Ash, 2h @ 600°C (%)	2089	10.79	0.0900	10.41	0.1898	0.1314	66	1.99	2%	0
005.00	Ash, 2h @ 600°C (%)	0226	10.80	0.2000	10.41	0.1898	0.1314	66	2.07	2%	0
005.00	Ash, 2h @ 600°C (%)	0278	10.83	0.6100	10.41	0.1898	0.1314	66	2.20	2%	0
005.00	Ash, 2h @ 600°C (%)	0100	10.74	0.7600	10.41	0.1898	0.1314	66	1.76	2%	1
005.00	Ash, 2h @ 600°C (%)	0108	8.640	0.0000	10.41	0.1898	0.1314	66	-9.31	8%	2
005.02	Ash, LECO (%)	0644	10.29	0.1420				2			0

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005.02	Ash, LECO (%)	0968	10.46	0.0100				2			0
005.05	Ash, 3h @ 550°C (%)	2192	10.22	0.0400	10.60	0.1988	0.1335	19	-1.89	2%	0
005.05	Ash, 3h @ 550°C (%)	0039	10.33	0.2960	10.60	0.1988	0.1335	19	-1.36	1%	0
005.05	Ash, 3h @ 550°C (%)	0689	10.39	0.0400	10.60	0.1988	0.1335	19	-1.03	1%	0
005.05	Ash, 3h @ 550°C (%)	0619	10.45	0.1000	10.60	0.1988	0.1335	19	-0.73	1%	0
005.05	Ash, 3h @ 550°C (%)	0638	10.45	0.3000	10.60	0.1988	0.1335	19	-0.73	1%	0
005.05	Ash, 3h @ 550°C (%)	0263	10.46	0.0194	10.60	0.1988	0.1335	19	-0.67	1%	0
005.05	Ash, 3h @ 550°C (%)	0683	10.53	0.0100	10.60	0.1988	0.1335	19	-0.35	0%	0
005.05	Ash, 3h @ 550°C (%)	2109	10.55	0.3900	10.60	0.1988	0.1335	19	-0.25	0%	0
005.05	Ash, 3h @ 550°C (%)	0413	10.60	0.2000	10.60	0.1988	0.1335	19	0.02	0%	0
005.05	Ash, 3h @ 550°C (%)	0885	10.60	0.1254	10.60	0.1988	0.1335	19	0.05	0%	0
005.05	Ash, 3h @ 550°C (%)	0941	10.63	0.0800	10.60	0.1988	0.1335	19	0.18	0%	0
005.05	Ash, 3h @ 550°C (%)	0889	10.64	0.1900	10.60	0.1988	0.1335	19	0.20	0%	0
005.05	Ash, 3h @ 550°C (%)	2009	10.65	0.0046	10.60	0.1988	0.1335	19	0.27	0%	0
005.05	Ash, 3h @ 550°C (%)	0590	10.65	0.1000	10.60	0.1988	0.1335	19	0.28	0%	0
005.05	Ash, 3h @ 550°C (%)	0653	10.70	0.0400	10.60	0.1988	0.1335	19	0.53	0%	0
005.05	Ash, 3h @ 550°C (%)	0610	10.80	0.0000	10.60	0.1988	0.1335	19	1.03	1%	0
005.05	Ash, 3h @ 550°C (%)	2129	10.85	0.2820	10.60	0.1988	0.1335	19	1.27	1%	0
005.05	Ash, 3h @ 550°C (%)	0685	10.86	0.0100	10.60	0.1988	0.1335	19	1.31	1%	0
005.05	Ash, 3h @ 550°C (%)	0921	11.03	0.3100	10.60	0.1988	0.1335	19	2.16	2%	0
005.11	Ash, NIR (%)	0297	8.520	0.0800				3			0
005.11	Ash, NIR (%)	2105	8.885	0.9500				3			0
005.11	Ash, NIR (%)	0889	9.025	0.0100				3			0
005.99	Ash, Miscellaneous (%)	2081	9.775	0.3300	10.73	0.3041	0.1525	8	-3.14	4%	0
005.99	Ash, Miscellaneous (%)	0202	10.51	0.0600	10.73	0.3041	0.1525	8	-0.73	1%	0
005.99	Ash, Miscellaneous (%)	0546	10.59	0.0700	10.73	0.3041	0.1525	8	-0.48	1%	0
005.99	Ash, Miscellaneous (%)	0629	10.72	0.2000	10.73	0.3041	0.1525	8	-0.04	0%	0
005.99	Ash, Miscellaneous (%)	0652	10.75	0.1000	10.73	0.3041	0.1525	8	0.06	0%	0
005.99	Ash, Miscellaneous (%)	0676	10.97	0.2400	10.73	0.3041	0.1525	8	0.79	1%	0
005.99	Ash, Miscellaneous (%)	0910	11.00	0.2000	10.73	0.3041	0.1525	8	0.88	1%	0
005.99	Ash, Miscellaneous (%)	0536	11.04	0.0200	10.73	0.3041	0.1525	8	1.02	1%	0
006.00	Total Sugars, As sucrose (%)	0921	1.475	0.1300	3.284	1.414	0.1275	4			0
006.00	Total Sugars, As sucrose (%)	0910	3.150	0.1800	3.284	1.414	0.1275	4			0
006.00	Total Sugars, As sucrose (%)	0407	3.615	0.0100	3.284	1.414	0.1275	4			0
006.00	Total Sugars, As sucrose (%)	2192	4.895	0.1900	3.284	1.414	0.1275	4			0
006.99	Total Sugars, Miscellaneous (%)	0956	4.100	0.2000				1			0
008.02	Fiber, Acid Detergent, Crucible (%)	0948	17.95	0.0900	19.00	0.6612	0.2462	13	-1.59	3%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0309	18.15	0.0317	19.00	0.6612	0.2462	13	-1.28	2%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0098	18.37	0.0800	19.00	0.6612	0.2462	13	-0.95	2%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0689	18.75	0.5000	19.00	0.6612	0.2462	13	-0.38	1%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0353	18.78	0.2000	19.00	0.6612	0.2462	13	-0.33	1%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0226	18.81	0.6200	19.00	0.6612	0.2462	13	-0.29	0%	0

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008.02	Fiber, Acid Detergent, Crucible (%)	0504	19.07	0.1000	19.00	0.6612	0.2462	13	0.11	0%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0345	19.15	0.1000	19.00	0.6612	0.2462	13	0.23	0%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0676	19.45	0.3500	19.00	0.6612	0.2462	13	0.67	1%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0148	19.48	0.1400	19.00	0.6612	0.2462	13	0.73	1%	0
008.02	Fiber, Acid Detergent, Crucible (%)	2192	19.52	0.7200	19.00	0.6612	0.2462	13	0.79	1%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0171	19.57	0.2200	19.00	0.6612	0.2462	13	0.86	2%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0964	19.88	0.0490	19.00	0.6612	0.2462	13	1.34	2%	0
008.05	Fiber, Acid Detergent, Acid Detergent-Hach (%)	0265	20.45	0.1000				1			0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0590	16.60	0.4000	18.91	0.7830	0.2390	34	-2.95	6%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0653	17.36	0.0300	18.91	0.7830	0.2390	34	-1.99	4%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0910	18.01	0.3600	18.91	0.7830	0.2390	34	-1.15	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0968	18.05	0.1300	18.91	0.7830	0.2390	34	-1.11	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0675	18.11	0.1300	18.91	0.7830	0.2390	34	-1.03	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0948	18.11	0.1800	18.91	0.7830	0.2390	34	-1.02	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0939	18.30	0.1500	18.91	0.7830	0.2390	34	-0.79	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0297	18.31	0.0200	18.91	0.7830	0.2390	34	-0.77	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0049	18.41	0.2100	18.91	0.7830	0.2390	34	-0.65	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0956	18.45	0.3000	18.91	0.7830	0.2390	34	-0.59	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0190	18.51	0.0200	18.91	0.7830	0.2390	34	-0.51	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0035	18.59	0.1100	18.91	0.7830	0.2390	34	-0.42	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2196	18.59	0.0000	18.91	0.7830	0.2390	34	-0.41	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0001	18.65	0.1700	18.91	0.7830	0.2390	34	-0.34	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0619	18.70	0.4000	18.91	0.7830	0.2390	34	-0.27	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0870	18.74	0.3369	18.91	0.7830	0.2390	34	-0.23	0%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0016	18.80	0.2000	18.91	0.7830	0.2390	34	-0.14	0%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0357	18.85	0.1000	18.91	0.7830	0.2390	34	-0.08	0%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0581	19.00	0.2000	18.91	0.7830	0.2390	34	0.11	0%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0889	19.03	0.0300	18.91	0.7830	0.2390	34	0.14	0%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0042	19.07	0.8400	18.91	0.7830	0.2390	34	0.20	0%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0263	19.13	0.0688	18.91	0.7830	0.2390	34	0.28	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0918	19.24	0.1629	18.91	0.7830	0.2390	34	0.42	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0407	19.30	0.1461	18.91	0.7830	0.2390	34	0.49	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0037	19.35	0.1300	18.91	0.7830	0.2390	34	0.55	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0148	19.48	0.5200	18.91	0.7830	0.2390	34	0.73	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0066	19.50	0.3200	18.91	0.7830	0.2390	34	0.75	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0083	19.55	0.0700	18.91	0.7830	0.2390	34	0.81	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0358	19.66	0.6000	18.91	0.7830	0.2390	34	0.95	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0164	19.80	0.0000	18.91	0.7830	0.2390	34	1.13	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0045	20.05	0.9000	18.91	0.7830	0.2390	34	1.45	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0693	20.08	0.4930	18.91	0.7830	0.2390	34	1.49	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2129	21.25	0.3570	18.91	0.7830	0.2390	34	2.99	6%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0536	21.60	0.0400	18.91	0.7830	0.2390	34	3.43	7%	0

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008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0413	20.00	1.800	18.91	0.7830	0.2390	34	1.39	3%	1
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0278	5.100	0.4000	18.91	0.7830	0.2390	34	-17.64	37%	2
008.99	Fiber, Acid Detergent, Miscellaneous (%)	0027	17.66	0.2580	19.68	2.832	0.5411	7	-0.71	5%	0
008.99	Fiber, Acid Detergent, Miscellaneous (%)	0629	17.90	0.2000	19.68	2.832	0.5411	7	-0.63	5%	0
008.99	Fiber, Acid Detergent, Miscellaneous (%)	0941	18.03	0.2400	19.68	2.832	0.5411	7	-0.58	4%	0
008.99	Fiber, Acid Detergent, Miscellaneous (%)	0610	18.75	0.1000	19.68	2.832	0.5411	7	-0.33	2%	0
008.99	Fiber, Acid Detergent, Miscellaneous (%)	0511	19.00	1.400	19.68	2.832	0.5411	7	-0.24	2%	0
008.99	Fiber, Acid Detergent, Miscellaneous (%)	2326	22.52	0.3900	19.68	2.832	0.5411	7	1.00	7%	0
008.99	Fiber, Acid Detergent, Miscellaneous (%)	0964	40.50	1.200	19.68	2.832	0.5411	7	7.35	53%	0
009.04	Fiber, Neutral Detergent, Neutral Det-No ENZ Pretreat (%)	0504	34.13	0.1700				1			0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0910	31.35	0.3000	35.95	1.144	0.3993	11	-4.02	6%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0610	34.85	0.5000	35.95	1.144	0.3993	11	-0.96	2%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0948	35.08	0.5100	35.95	1.144	0.3993	11	-0.77	1%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	2192	35.71	0.2900	35.95	1.144	0.3993	11	-0.22	0%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0098	35.85	0.7000	35.95	1.144	0.3993	11	-0.09	0%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0353	35.99	0.5000	35.95	1.144	0.3993	11	0.03	0%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0689	36.05	0.5000	35.95	1.144	0.3993	11	0.09	0%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0345	36.30	0.2000	35.95	1.144	0.3993	11	0.30	0%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0226	36.42	0.2500	35.95	1.144	0.3993	11	0.40	1%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0676	37.41	0.4700	35.95	1.144	0.3993	11	1.27	2%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0309	37.60	0.1718	35.95	1.144	0.3993	11	1.44	2%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0964	35.51	2.155	35.95	1.144	0.3993	11	-0.39	1%	1
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0536	24.23	0.0900	34.90	1.022	0.3827	34	-10.45	15%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0590	33.20	0.4000	34.90	1.022	0.3827	34	-1.67	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0619	33.70	0.4000	34.90	1.022	0.3827	34	-1.18	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	2340	33.71	0.1130	34.90	1.022	0.3827	34	-1.17	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0939	33.75	1.110	34.90	1.022	0.3827	34	-1.13	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0598	33.98	0.0100	34.90	1.022	0.3827	34	-0.91	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0653	34.19	0.2600	34.90	1.022	0.3827	34	-0.70	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0263	34.30	0.0136	34.90	1.022	0.3827	34	-0.59	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0148	34.36	0.1100	34.90	1.022	0.3827	34	-0.54	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	2196	34.41	0.0000	34.90	1.022	0.3827	34	-0.48	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0407	34.54	1.010	34.90	1.022	0.3827	34	-0.35	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0870	34.60	0.8092	34.90	1.022	0.3827	34	-0.30	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0581	34.60	0.2000	34.90	1.022	0.3827	34	-0.30	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0948	34.61	0.1500	34.90	1.022	0.3827	34	-0.29	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0918	34.65	0.7914	34.90	1.022	0.3827	34	-0.25	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0675	34.67	0.0900	34.90	1.022	0.3827	34	-0.23	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	2129	34.68	1.078	34.90	1.022	0.3827	34	-0.22	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0035	34.75	0.0100	34.90	1.022	0.3827	34	-0.15	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0037	34.75	0.1200	34.90	1.022	0.3827	34	-0.15	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0956	34.80	0.6000	34.90	1.022	0.3827	34	-0.10	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
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009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0357	34.95	0.3000	34.90	1.022	0.3827	34	0.05	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0358	35.09	0.2700	34.90	1.022	0.3827	34	0.18	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0968	35.21	0.4600	34.90	1.022	0.3827	34	0.30	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0049	35.22	0.4100	34.90	1.022	0.3827	34	0.31	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0693	35.23	0.0570	34.90	1.022	0.3827	34	0.32	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0164	35.55	0.1000	34.90	1.022	0.3827	34	0.63	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0045	35.75	0.1000	34.90	1.022	0.3827	34	0.83	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0066	35.90	0.3300	34.90	1.022	0.3827	34	0.97	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0889	36.05	0.2000	34.90	1.022	0.3827	34	1.12	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0413	36.25	0.3000	34.90	1.022	0.3827	34	1.32	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0083	37.14	0.0600	34.90	1.022	0.3827	34	2.19	3%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0265	37.75	0.5000	34.90	1.022	0.3827	34	2.79	4%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0297	37.95	1.700	34.90	1.022	0.3827	34	2.98	4%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0190	38.39	0.8600	34.90	1.022	0.3827	34	3.41	5%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0278	13.85	1.300	34.90	1.022	0.3827	34	-20.60	30%	2
009.99	Fiber, Neutral Detergent, Miscellaneous (%)	0889	31.61	0.0100	36.22	3.428	0.4360	5			0
009.99	Fiber, Neutral Detergent, Miscellaneous (%)	0629	34.40	0.6000	36.22	3.428	0.4360	5			0
009.99	Fiber, Neutral Detergent, Miscellaneous (%)	0941	36.38	0.2800	36.22	3.428	0.4360	5			0
009.99	Fiber, Neutral Detergent, Miscellaneous (%)	2326	38.24	0.0900	36.22	3.428	0.4360	5			0
009.99	Fiber, Neutral Detergent, Miscellaneous (%)	0964	40.50	1.200	36.22	3.428	0.4360	5			0
010.03	Moisture, Karl-Fischer (%)	0843	7.390	0.3800				2			0
010.03	Moisture, Karl-Fischer (%)	0164	7.610	0.0400				2			0
010.11	Moisture, NIR (%)	2105	7.310	1.560				3			0
010.11	Moisture, NIR (%)	0889	7.680	0.0400				3			0
010.11	Moisture, NIR (%)	0964	8.750	0.1000				3			0
010.99	Moisture, Miscellaneous (%)	0546	7.055	0.0300	7.875	0.5548	0.1336	11	-1.48	5%	0
010.99	Moisture, Miscellaneous (%)	0948	7.505	0.0500	7.875	0.5548	0.1336	11	-0.67	2%	0
010.99	Moisture, Miscellaneous (%)	0939	7.535	0.0700	7.875	0.5548	0.1336	11	-0.61	2%	0
010.99	Moisture, Miscellaneous (%)	0964	7.583	0.0500	7.875	0.5548	0.1336	11	-0.53	2%	0
010.99	Moisture, Miscellaneous (%)	2150	7.680	0.0200	7.875	0.5548	0.1336	11	-0.35	1%	0
010.99	Moisture, Miscellaneous (%)	0652	7.750	0.3000	7.875	0.5548	0.1336	11	-0.22	1%	0
010.99	Moisture, Miscellaneous (%)	0875	7.900	0.0000	7.875	0.5548	0.1336	11	0.05	0%	0
010.99	Moisture, Miscellaneous (%)	0921	8.055	0.1300	7.875	0.5548	0.1336	11	0.33	1%	0
010.99	Moisture, Miscellaneous (%)	2216	8.415	0.1900	7.875	0.5548	0.1336	11	0.97	3%	0
010.99	Moisture, Miscellaneous (%)	0190	8.435	0.0300	7.875	0.5548	0.1336	11	1.01	4%	0
010.99	Moisture, Miscellaneous (%)	2089	8.930	0.6000	7.875	0.5548	0.1336	11	1.90	7%	0
010.99	Moisture, Miscellaneous (%)	2129	92.11	0.4460	7.875	0.5548	0.1336	11	151.81	535%	2
011.01	Loss on Drying, HT, 135°C 2hr (%)	0062	7.775	0.0500	8.553	0.3216	0.1189	56	-2.42	5%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0685	8.015	0.0100	8.553	0.3216	0.1189	56	-1.67	3%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0598	8.075	0.1700	8.553	0.3216	0.1189	56	-1.49	3%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2340	8.089	0.0800	8.553	0.3216	0.1189	56	-1.44	3%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0968	8.095	0.0300	8.553	0.3216	0.1189	56	-1.42	3%	0



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011.01	Loss on Drying, HT, 135°C 2hr (%)	0265	8.150	0.1000	8.553	0.3216	0.1189	56	-1.25	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0263	8.185	0.1100	8.553	0.3216	0.1189	56	-1.14	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2326	8.205	0.0500	8.553	0.3216	0.1189	56	-1.08	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0859	8.236	0.0730	8.553	0.3216	0.1189	56	-0.99	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0226	8.265	0.1900	8.553	0.3216	0.1189	56	-0.90	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0675	8.290	0.2400	8.553	0.3216	0.1189	56	-0.82	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0164	8.330	0.4200	8.553	0.3216	0.1189	56	-0.69	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0098	8.330	0.2400	8.553	0.3216	0.1189	56	-0.69	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2181	8.365	0.1700	8.553	0.3216	0.1189	56	-0.58	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0208	8.365	0.4300	8.553	0.3216	0.1189	56	-0.58	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2174	8.365	0.3100	8.553	0.3216	0.1189	56	-0.58	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0953	8.375	0.2100	8.553	0.3216	0.1189	56	-0.55	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2168	8.375	0.0300	8.553	0.3216	0.1189	56	-0.55	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0881	8.385	0.1810	8.553	0.3216	0.1189	56	-0.52	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0425	8.390	0.0400	8.553	0.3216	0.1189	56	-0.51	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2188	8.425	0.0500	8.553	0.3216	0.1189	56	-0.40	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0100	8.455	0.0100	8.553	0.3216	0.1189	56	-0.31	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0047	8.500	0.2000	8.553	0.3216	0.1189	56	-0.17	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0520	8.500	0.0000	8.553	0.3216	0.1189	56	-0.17	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0843	8.510	0.0200	8.553	0.3216	0.1189	56	-0.13	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0539	8.560	0.1000	8.553	0.3216	0.1189	56	0.02	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0298	8.560	0.0200	8.553	0.3216	0.1189	56	0.02	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0171	8.570	0.0200	8.553	0.3216	0.1189	56	0.05	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2073	8.575	0.1100	8.553	0.3216	0.1189	56	0.07	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0563	8.579	0.0408	8.553	0.3216	0.1189	56	0.08	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0574	8.580	0.0200	8.553	0.3216	0.1189	56	0.08	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0541	8.595	0.3300	8.553	0.3216	0.1189	56	0.13	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2196	8.600	0.0000	8.553	0.3216	0.1189	56	0.15	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0511	8.615	0.1900	8.553	0.3216	0.1189	56	0.19	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0870	8.620	0.1204	8.553	0.3216	0.1189	56	0.21	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0643	8.650	0.0200	8.553	0.3216	0.1189	56	0.30	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0653	8.660	0.0200	8.553	0.3216	0.1189	56	0.33	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0682	8.660	0.0000	8.553	0.3216	0.1189	56	0.33	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0407	8.664	0.0487	8.553	0.3216	0.1189	56	0.34	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0242	8.665	0.0500	8.553	0.3216	0.1189	56	0.35	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2268	8.665	0.1900	8.553	0.3216	0.1189	56	0.35	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0175	8.700	0.0000	8.553	0.3216	0.1189	56	0.46	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0553	8.765	0.0300	8.553	0.3216	0.1189	56	0.66	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0066	8.770	0.0600	8.553	0.3216	0.1189	56	0.67	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2066	8.780	0.0600	8.553	0.3216	0.1189	56	0.71	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0144	8.825	0.0700	8.553	0.3216	0.1189	56	0.85	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0651	8.882	0.1023	8.553	0.3216	0.1189	56	1.02	2%	0

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011.01	Loss on Drying, HT, 135°C 2hr (%)	0123	8.920	0.0600	8.553	0.3216	0.1189	56	1.14	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0309	8.945	0.0500	8.553	0.3216	0.1189	56	1.22	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2022	8.980	0.1400	8.553	0.3216	0.1189	56	1.33	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0202	9.010	0.2400	8.553	0.3216	0.1189	56	1.42	3%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0589	9.035	0.1700	8.553	0.3216	0.1189	56	1.50	3%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0229	9.165	0.0900	8.553	0.3216	0.1189	56	1.90	4%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0358	9.210	0.2600	8.553	0.3216	0.1189	56	2.04	4%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0536	9.320	0.4800	8.553	0.3216	0.1189	56	2.38	4%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0108	10.43	0.1500	8.553	0.3216	0.1189	56	5.82	11%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0618	7.365	0.6300	8.553	0.3216	0.1189	56	-3.69	7%	1
011.02	Loss on Drying, HT, 130°C for 2 hours (%)	2066	8.330	0.0200				3			0
011.02	Loss on Drying, HT, 130°C for 2 hours (%)	0942	8.460	0.1800				3			0
011.02	Loss on Drying, HT, 130°C for 2 hours (%)	0529	8.565	0.1100				3			0
011.99	Loss on Drying, HT, High Temp. Methods Miscellaneous (	0857	8.100	0.4000				2			0
011.99	Loss on Drying, HT, High Temp. Methods Miscellaneous (	2303	8.590	0.2990				2			0
012.00	Starch, Polarimetric (Ewers) (%)	2188	15.30	0.0700	15.63	0.4577	0.1186	7	-0.73	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0619	15.30	0.0000	15.63	0.4577	0.1186	7	-0.72	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0689	15.35	0.3000	15.63	0.4577	0.1186	7	-0.61	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	2192	15.37	0.0400	15.63	0.4577	0.1186	7	-0.57	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0164	15.75	0.1000	15.63	0.4577	0.1186	7	0.26	0%	0
012.00	Starch, Polarimetric (Ewers) (%)	0683	16.09	0.2200	15.63	0.4577	0.1186	7	1.01	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	2181	16.25	0.1000	15.63	0.4577	0.1186	7	1.36	2%	0
012.00	Starch, Polarimetric (Ewers) (%)	0910	15.70	1.400	15.63	0.4577	0.1186	7	0.15	0%	1
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0910	12.40	0.8000	13.61	0.9716	0.2314	12	-1.24	4%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0676	12.64	0.1700	13.61	0.9716	0.2314	12	-1.00	4%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0870	12.90	0.4372	13.61	0.9716	0.2314	12	-0.72	3%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0045	13.05	0.1000	13.61	0.9716	0.2314	12	-0.57	2%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0956	13.30	0.2000	13.61	0.9716	0.2314	12	-0.32	1%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0148	13.49	0.0500	13.61	0.9716	0.2314	12	-0.13	0%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0885	13.56	0.0191	13.61	0.9716	0.2314	12	-0.05	0%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0918	13.66	0.0770	13.61	0.9716	0.2314	12	0.06	0%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0164	13.90	0.0000	13.61	0.9716	0.2314	12	0.30	1%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0693	14.26	0.4330	13.61	0.9716	0.2314	12	0.67	2%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	2089	15.49	0.0900	13.61	0.9716	0.2314	12	1.93	7%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0265	16.40	0.4000	13.61	0.9716	0.2314	12	2.87	10%	0
012.03	Starch, Enzymatic-Colorimetric Method, Miscellaneous (%)	0407	11.65	0.3943				3			0
012.03	Starch, Enzymatic-Colorimetric Method, Miscellaneous (%)	0297	13.08	0.0100				3			0
012.03	Starch, Enzymatic-Colorimetric Method, Miscellaneous (%)	0889	14.15	0.1000				3			0
012.04	Starch, Enzymatic-Enzyme Membrane Technology (YSI) (	0098	11.95	0.7000				3			0
012.04	Starch, Enzymatic-Enzyme Membrane Technology (YSI) (	2129	13.01	1.045				3			0
012.04	Starch, Enzymatic-Enzyme Membrane Technology (YSI) (	0948	14.95	0.2400				3			0
012.04	Starch, Enzymatic-Enzyme Membrane Technology (YSI) (	0278	36.45	0.5000				3			2

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
012.11	Starch, NIR (%)	0889	15.51	0.3850				3			0
012.11	Starch, NIR (%)	0297	15.84	0.8600				3			0
012.11	Starch, NIR (%)	0590	19.10	0.2000				3			0
012.20	Starch, Dietary, Enzymatic-Colorimetric (%)	0353	12.85	0.3400				1			0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0083	6.420	0.0200	8.818	0.7229	0.2025	15	-3.32	14%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	2073	7.990	0.1400	8.818	0.7229	0.2025	15	-1.15	5%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	2188	8.240	0.0000	8.818	0.7229	0.2025	15	-0.80	3%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0242	8.355	0.4500	8.818	0.7229	0.2025	15	-0.64	3%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0229	8.455	0.2900	8.818	0.7229	0.2025	15	-0.50	2%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0689	8.550	0.1000	8.818	0.7229	0.2025	15	-0.37	2%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0541	8.560	0.6000	8.818	0.7229	0.2025	15	-0.36	1%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0881	8.582	0.2110	8.818	0.7229	0.2025	15	-0.33	1%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0650	8.845	0.1700	8.818	0.7229	0.2025	15	0.04	0%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0910	9.235	0.0500	8.818	0.7229	0.2025	15	0.58	2%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0652	9.250	0.1000	8.818	0.7229	0.2025	15	0.60	2%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0948	9.475	0.1300	8.818	0.7229	0.2025	15	0.91	4%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0309	9.644	0.0472	8.818	0.7229	0.2025	15	1.14	5%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0202	9.665	0.5300	8.818	0.7229	0.2025	15	1.17	5%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	2150	9.690	0.2000	8.818	0.7229	0.2025	15	1.21	5%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0643	7.495	0.0900	9.488	0.4345	0.1751	17	-4.59	11%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0407	8.410	0.4200	9.488	0.4345	0.1751	17	-2.48	6%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0098	9.000	0.0200	9.488	0.4345	0.1751	17	-1.12	3%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0675	9.065	0.0500	9.488	0.4345	0.1751	17	-0.97	2%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0870	9.298	0.0529	9.488	0.4345	0.1751	17	-0.44	1%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0148	9.385	0.4100	9.488	0.4345	0.1751	17	-0.24	1%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0171	9.450	0.0400	9.488	0.4345	0.1751	17	-0.09	0%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0208	9.450	0.5000	9.488	0.4345	0.1751	17	-0.09	0%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0682	9.520	0.0000	9.488	0.4345	0.1751	17	0.07	0%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0300	9.535	0.1100	9.488	0.4345	0.1751	17	0.11	0%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0853	9.550	0.3000	9.488	0.4345	0.1751	17	0.14	0%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0164	9.795	0.1100	9.488	0.4345	0.1751	17	0.71	2%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0553	9.825	0.1700	9.488	0.4345	0.1751	17	0.77	2%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0010	9.900	0.4000	9.488	0.4345	0.1751	17	0.95	2%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	2259	9.906	0.0440	9.488	0.4345	0.1751	17	0.96	2%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0676	9.970	0.0200	9.488	0.4345	0.1751	17	1.11	3%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0921	9.980	0.2400	9.488	0.4345	0.1751	17	1.13	3%	0
013.08	Fat, Base Pretreat, Roese-Gottlieb Modified (%)	0618	6.469	0.4541				1			0
013.10	Fat, Acid Pretreat, Soxtec-Acid Hydrolysis (%)	0629	8.465	0.1700	8.706	0.3197	0.0642	6	-0.76	1%	0
013.10	Fat, Acid Pretreat, Soxtec-Acid Hydrolysis (%)	0610	8.530	0.1200	8.706	0.3197	0.0642	6	-0.55	1%	0
013.10	Fat, Acid Pretreat, Soxtec-Acid Hydrolysis (%)	0036	8.547	0.0554	8.706	0.3197	0.0642	6	-0.50	1%	0
013.10	Fat, Acid Pretreat, Soxtec-Acid Hydrolysis (%)	0638	8.600	0.0000	8.706	0.3197	0.0642	6	-0.33	1%	0
013.10	Fat, Acid Pretreat, Soxtec-Acid Hydrolysis (%)	0353	8.910	0.0400	8.706	0.3197	0.0642	6	0.64	1%	0

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013.10	Fat, Acid Pretreat, Soxtec-Acid Hydrolysis (%)	2196	9.230	0.0000	8.706	0.3197	0.0642	6	1.64	3%	0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0939	7.255	0.5100	9.474	1.458	0.6009	8	-1.52	12%	0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0683	8.965	0.0700	9.474	1.458	0.6009	8	-0.35	3%	0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0265	9.050	0.2200	9.474	1.458	0.6009	8	-0.29	2%	0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0407	9.168	1.517	9.474	1.458	0.6009	8	-0.21	2%	0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0843	9.455	0.1700	9.474	1.458	0.6009	8	-0.01	0%	0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0968	9.495	0.1700	9.474	1.458	0.6009	8	0.01	0%	0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0581	10.75	0.1000	9.474	1.458	0.6009	8	0.87	7%	0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	2216	11.63	2.050	9.474	1.458	0.6009	8	1.48	11%	0
015.41	Aluminum, ICP, Dry ash (ppm)	0049	138.0	9.590	173.5	24.05	4.224	6	-1.48	10%	0
015.41	Aluminum, ICP, Dry ash (ppm)	0171	160.0	0.0000	173.5	24.05	4.224	6	-0.56	4%	0
015.41	Aluminum, ICP, Dry ash (ppm)	0407	177.2	1.080	173.5	24.05	4.224	6	0.15	1%	0
015.41	Aluminum, ICP, Dry ash (ppm)	0164	183.0	4.000	173.5	24.05	4.224	6	0.40	3%	0
015.41	Aluminum, ICP, Dry ash (ppm)	0520	185.5	9.000	173.5	24.05	4.224	6	0.50	3%	0
015.41	Aluminum, ICP, Dry ash (ppm)	0964	197.1	1.673	173.5	24.05	4.224	6	0.98	7%	0
015.42	Aluminum, ICP, Open vessel (ppm)	0037	111.1	6.000				2			0
015.42	Aluminum, ICP, Open vessel (ppm)	2129	156.0	12.00				2			0
015.43	Aluminum, ICP, Microwave (ppm)	0918	173.2	9.090	208.9	26.86	6.986	8	-1.33	9%	0
015.43	Aluminum, ICP, Microwave (ppm)	0425	194.5	4.000	208.9	26.86	6.986	8	-0.54	3%	0
015.43	Aluminum, ICP, Microwave (ppm)	0629	194.5	5.000	208.9	26.86	6.986	8	-0.54	3%	0
015.43	Aluminum, ICP, Microwave (ppm)	0345	203.5	3.000	208.9	26.86	6.986	8	-0.20	1%	0
015.43	Aluminum, ICP, Microwave (ppm)	0297	210.5	3.000	208.9	26.86	6.986	8	0.06	0%	0
015.43	Aluminum, ICP, Microwave (ppm)	0407	211.0	6.799	208.9	26.86	6.986	8	0.08	0%	0
015.43	Aluminum, ICP, Microwave (ppm)	0964	239.5	22.00	208.9	26.86	6.986	8	1.14	7%	0
015.43	Aluminum, ICP, Microwave (ppm)	0353	244.5	3.000	208.9	26.86	6.986	8	1.33	9%	0
015.52	Aluminum, ICP-MS, Open vessel (ppm)	0560	180.1	33.40				1			0
015.53	Aluminum, ICP-MS, Microwave (ppm)	0407	187.6	0.0610				2			0
015.53	Aluminum, ICP-MS, Microwave (ppm)	0553	247.0	8.000				2			0
017.41	Boron, ICP, Dry ash (ppm)	0049	9.810	0.5200	10.05	0.1770	0.8336	4			0
017.41	Boron, ICP, Dry ash (ppm)	0229	10.07	1.770	10.05	0.1770	0.8336	4			0
017.41	Boron, ICP, Dry ash (ppm)	0226	10.09	0.1100	10.05	0.1770	0.8336	4			0
017.41	Boron, ICP, Dry ash (ppm)	0407	10.24	0.9345	10.05	0.1770	0.8336	4			0
017.41	Boron, ICP, Dry ash (ppm)	0358	8.575	0.2700	10.05	0.1770	0.8336	4			2
017.42	Boron, ICP, Open vessel (ppm)	0265	3.645	0.7500	8.378	2.857	0.3328	5			0
017.42	Boron, ICP, Open vessel (ppm)	0045	8.050	0.2000	8.378	2.857	0.3328	5			0
017.42	Boron, ICP, Open vessel (ppm)	0693	9.037	0.5340	8.378	2.857	0.3328	5			0
017.42	Boron, ICP, Open vessel (ppm)	0037	10.55	0.1000	8.378	2.857	0.3328	5			0
017.42	Boron, ICP, Open vessel (ppm)	2129	10.61	0.0800	8.378	2.857	0.3328	5			0
017.43	Boron, ICP, Microwave (ppm)	0345	9.250	0.3000	11.52	2.476	0.8139	5			0
017.43	Boron, ICP, Microwave (ppm)	0083	9.950	0.7000	11.52	2.476	0.8139	5			0
017.43	Boron, ICP, Microwave (ppm)	0629	10.85	0.5000	11.52	2.476	0.8139	5			0
017.43	Boron, ICP, Microwave (ppm)	0353	12.00	2.000	11.52	2.476	0.8139	5			0

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017.43	Boron, ICP, Microwave (ppm)	0407	15.55	0.5694	11.52	2.476	0.8139	5			0
017.43	Boron, ICP, Microwave (ppm)	0918	10.07	5.860	11.52	2.476	0.8139	5			1
017.43	Boron, ICP, Microwave (ppm)	0297	0.0000	0.0000	11.52	2.476	0.8139	5			4
017.53	Boron, ICP-MS, Microwave (ppm)	0553	9.895	0.2100				2			0
017.53	Boron, ICP-MS, Microwave (ppm)	0407	10.24	0.1520				2			0
019.00	Calcium, Ox-Mn04 Vol. (%)	2109	1.546	0.0280	1.666	0.0708	0.0330	6	-1.70	4%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0043	1.631	0.0120	1.666	0.0708	0.0330	6	-0.50	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2181	1.675	0.0500	1.666	0.0708	0.0330	6	0.12	0%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2022	1.690	0.0200	1.666	0.0708	0.0330	6	0.34	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0881	1.706	0.0580	1.666	0.0708	0.0330	6	0.56	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0683	1.735	0.0300	1.666	0.0708	0.0330	6	0.97	2%	0
019.03	Calcium, Semiauto (Autoanalyzer) (%)	0036	1.643	0.0143				1			0
019.08	Calcium, EDTA (%)	2188	1.530	0.0000	1.605	0.0521	0.0148	7	-1.44	2%	0
019.08	Calcium, EDTA (%)	0689	1.570	0.0600	1.605	0.0521	0.0148	7	-0.68	1%	0
019.08	Calcium, EDTA (%)	0629	1.580	0.0000	1.605	0.0521	0.0148	7	-0.48	1%	0
019.08	Calcium, EDTA (%)	2196	1.620	0.0000	1.605	0.0521	0.0148	7	0.28	0%	0
019.08	Calcium, EDTA (%)	0885	1.643	0.0279	1.605	0.0521	0.0148	7	0.72	1%	0
019.08	Calcium, EDTA (%)	2009	1.645	0.0040	1.605	0.0521	0.0148	7	0.76	1%	0
019.08	Calcium, EDTA (%)	2340	1.649	0.0120	1.605	0.0521	0.0148	7	0.84	1%	0
019.31	Calcium, AAS, Dry ash (%)	0921	1.262	0.0150	1.582	0.1149	0.0568	14	-2.79	10%	0
019.31	Calcium, AAS, Dry ash (%)	0108	1.350	0.1800	1.582	0.1149	0.0568	14	-2.02	7%	0
019.31	Calcium, AAS, Dry ash (%)	0014	1.470	0.0200	1.582	0.1149	0.0568	14	-0.98	4%	0
019.31	Calcium, AAS, Dry ash (%)	0175	1.505	0.0100	1.582	0.1149	0.0568	14	-0.67	2%	0
019.31	Calcium, AAS, Dry ash (%)	0687	1.550	0.1000	1.582	0.1149	0.0568	14	-0.28	1%	0
019.31	Calcium, AAS, Dry ash (%)	0142	1.599	0.1906	1.582	0.1149	0.0568	14	0.15	1%	0
019.31	Calcium, AAS, Dry ash (%)	0529	1.605	0.0100	1.582	0.1149	0.0568	14	0.20	1%	0
019.31	Calcium, AAS, Dry ash (%)	2196	1.617	0.0000	1.582	0.1149	0.0568	14	0.30	1%	0
019.31	Calcium, AAS, Dry ash (%)	0536	1.625	0.0300	1.582	0.1149	0.0568	14	0.37	1%	0
019.31	Calcium, AAS, Dry ash (%)	0948	1.625	0.0900	1.582	0.1149	0.0568	14	0.37	1%	0
019.31	Calcium, AAS, Dry ash (%)	0563	1.649	0.0332	1.582	0.1149	0.0568	14	0.58	2%	0
019.31	Calcium, AAS, Dry ash (%)	0939	1.650	0.0600	1.582	0.1149	0.0568	14	0.59	2%	0
019.31	Calcium, AAS, Dry ash (%)	0208	1.683	0.0430	1.582	0.1149	0.0568	14	0.87	3%	0
019.31	Calcium, AAS, Dry ash (%)	0001	4.303	0.0130	1.582	0.1149	0.0568	14	23.67	86%	0
019.31	Calcium, AAS, Dry ash (%)	0651	2.177	0.3470	1.582	0.1149	0.0568	14	5.18	19%	1
019.41	Calcium, ICP, Dry ash (%)	0018	1.490	0.0800	1.619	0.0663	0.0390	25	-1.94	4%	0
019.41	Calcium, ICP, Dry ash (%)	0229	1.545	0.0300	1.619	0.0663	0.0390	25	-1.11	2%	0
019.41	Calcium, ICP, Dry ash (%)	0619	1.555	0.0100	1.619	0.0663	0.0390	25	-0.96	2%	0
019.41	Calcium, ICP, Dry ash (%)	0298	1.560	0.0200	1.619	0.0663	0.0390	25	-0.89	2%	0
019.41	Calcium, ICP, Dry ash (%)	0208	1.565	0.0730	1.619	0.0663	0.0390	25	-0.82	2%	0
019.41	Calcium, ICP, Dry ash (%)	0226	1.565	0.0100	1.619	0.0663	0.0390	25	-0.81	2%	0
019.41	Calcium, ICP, Dry ash (%)	0098	1.570	0.1400	1.619	0.0663	0.0390	25	-0.74	2%	0
019.41	Calcium, ICP, Dry ash (%)	0144	1.585	0.0300	1.619	0.0663	0.0390	25	-0.51	1%	0

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019.41	Calcium, ICP, Dry ash (%)	2259	1.586	0.0050	1.619	0.0663	0.0390	25	-0.50	1%	0
019.41	Calcium, ICP, Dry ash (%)	0148	1.590	0.0200	1.619	0.0663	0.0390	25	-0.43	1%	0
019.41	Calcium, ICP, Dry ash (%)	0171	1.590	0.0200	1.619	0.0663	0.0390	25	-0.43	1%	0
019.41	Calcium, ICP, Dry ash (%)	0910	1.595	0.1500	1.619	0.0663	0.0390	25	-0.36	1%	0
019.41	Calcium, ICP, Dry ash (%)	0123	1.605	0.0100	1.619	0.0663	0.0390	25	-0.21	0%	0
019.41	Calcium, ICP, Dry ash (%)	0358	1.605	0.0900	1.619	0.0663	0.0390	25	-0.21	0%	0
019.41	Calcium, ICP, Dry ash (%)	0019	1.615	0.0500	1.619	0.0663	0.0390	25	-0.06	0%	0
019.41	Calcium, ICP, Dry ash (%)	0653	1.654	0.0200	1.619	0.0663	0.0390	25	0.53	1%	0
019.41	Calcium, ICP, Dry ash (%)	0407	1.656	0.0404	1.619	0.0663	0.0390	25	0.56	1%	0
019.41	Calcium, ICP, Dry ash (%)	0074	1.660	0.0200	1.619	0.0663	0.0390	25	0.62	1%	0
019.41	Calcium, ICP, Dry ash (%)	0685	1.665	0.0100	1.619	0.0663	0.0390	25	0.70	1%	0
019.41	Calcium, ICP, Dry ash (%)	0964	1.669	0.0005	1.619	0.0663	0.0390	25	0.75	2%	0
019.41	Calcium, ICP, Dry ash (%)	0066	1.674	0.0190	1.619	0.0663	0.0390	25	0.82	2%	0
019.41	Calcium, ICP, Dry ash (%)	0413	1.700	0.0000	1.619	0.0663	0.0390	25	1.22	3%	0
019.41	Calcium, ICP, Dry ash (%)	0598	1.707	0.0160	1.619	0.0663	0.0390	25	1.33	3%	0
019.41	Calcium, ICP, Dry ash (%)	0049	1.725	0.0900	1.619	0.0663	0.0390	25	1.60	3%	0
019.41	Calcium, ICP, Dry ash (%)	0520	1.730	0.0200	1.619	0.0663	0.0390	25	1.68	3%	0
019.42	Calcium, ICP, Open vessel (%)	2129	1.421	0.1590	1.655	0.1263	0.0623	12	-1.86	7%	0
019.42	Calcium, ICP, Open vessel (%)	0870	1.486	0.0680	1.655	0.1263	0.0623	12	-1.34	5%	0
019.42	Calcium, ICP, Open vessel (%)	0042	1.600	0.0800	1.655	0.1263	0.0623	12	-0.43	2%	0
019.42	Calcium, ICP, Open vessel (%)	0045	1.625	0.1300	1.655	0.1263	0.0623	12	-0.24	1%	0
019.42	Calcium, ICP, Open vessel (%)	0265	1.635	0.0300	1.655	0.1263	0.0623	12	-0.16	1%	0
019.42	Calcium, ICP, Open vessel (%)	0693	1.641	0.1090	1.655	0.1263	0.0623	12	-0.11	0%	0
019.42	Calcium, ICP, Open vessel (%)	0263	1.646	0.0054	1.655	0.1263	0.0623	12	-0.07	0%	0
019.42	Calcium, ICP, Open vessel (%)	0035	1.660	0.0200	1.655	0.1263	0.0623	12	0.04	0%	0
019.42	Calcium, ICP, Open vessel (%)	0009	1.704	0.0752	1.655	0.1263	0.0623	12	0.39	1%	0
019.42	Calcium, ICP, Open vessel (%)	0037	1.766	0.0240	1.655	0.1263	0.0623	12	0.88	3%	0
019.42	Calcium, ICP, Open vessel (%)	0357	1.785	0.0371	1.655	0.1263	0.0623	12	1.03	4%	0
019.42	Calcium, ICP, Open vessel (%)	0190	1.895	0.0100	1.655	0.1263	0.0623	12	1.90	7%	0
019.42	Calcium, ICP, Open vessel (%)	0278	2.710	0.4400	1.655	0.1263	0.0623	12	8.36	32%	1
019.43	Calcium, ICP, Microwave (%)	0870	1.528	0.0060	1.651	0.0877	0.0280	29	-1.41	4%	0
019.43	Calcium, ICP, Microwave (%)	0682	1.530	0.0000	1.651	0.0877	0.0280	29	-1.38	4%	0
019.43	Calcium, ICP, Microwave (%)	0043	1.549	0.0638	1.651	0.0877	0.0280	29	-1.17	3%	0
019.43	Calcium, ICP, Microwave (%)	0297	1.560	0.0200	1.651	0.0877	0.0280	29	-1.04	3%	0
019.43	Calcium, ICP, Microwave (%)	0968	1.564	0.0050	1.651	0.0877	0.0280	29	-1.00	3%	0
019.43	Calcium, ICP, Microwave (%)	0629	1.580	0.0000	1.651	0.0877	0.0280	29	-0.81	2%	0
019.43	Calcium, ICP, Microwave (%)	0098	1.590	0.0200	1.651	0.0877	0.0280	29	-0.70	2%	0
019.43	Calcium, ICP, Microwave (%)	0036	1.591	0.0138	1.651	0.0877	0.0280	29	-0.69	2%	0
019.43	Calcium, ICP, Microwave (%)	0010	1.605	0.1100	1.651	0.0877	0.0280	29	-0.53	1%	0
019.43	Calcium, ICP, Microwave (%)	0083	1.610	0.0000	1.651	0.0877	0.0280	29	-0.47	1%	0
019.43	Calcium, ICP, Microwave (%)	0345	1.624	0.0120	1.651	0.0877	0.0280	29	-0.31	1%	0
019.43	Calcium, ICP, Microwave (%)	0017	1.624	0.0226	1.651	0.0877	0.0280	29	-0.31	1%	0

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019.43	Calcium, ICP, Microwave (%)	0425	1.625	0.0100	1.651	0.0877	0.0280	29	-0.30	1%	0
019.43	Calcium, ICP, Microwave (%)	0675	1.625	0.0100	1.651	0.0877	0.0280	29	-0.30	1%	0
019.43	Calcium, ICP, Microwave (%)	0610	1.635	0.0300	1.651	0.0877	0.0280	29	-0.19	0%	0
019.43	Calcium, ICP, Microwave (%)	0555	1.645	0.0100	1.651	0.0877	0.0280	29	-0.07	0%	0
019.43	Calcium, ICP, Microwave (%)	0964	1.660	0.0260	1.651	0.0877	0.0280	29	0.09	0%	0
019.43	Calcium, ICP, Microwave (%)	0512	1.664	0.0190	1.651	0.0877	0.0280	29	0.14	0%	0
019.43	Calcium, ICP, Microwave (%)	0505	1.690	0.0000	1.651	0.0877	0.0280	29	0.44	1%	0
019.43	Calcium, ICP, Microwave (%)	0027	1.699	0.0290	1.651	0.0877	0.0280	29	0.54	1%	0
019.43	Calcium, ICP, Microwave (%)	0035	1.705	0.0100	1.651	0.0877	0.0280	29	0.61	2%	0
019.43	Calcium, ICP, Microwave (%)	0668	1.705	0.1100	1.651	0.0877	0.0280	29	0.61	2%	0
019.43	Calcium, ICP, Microwave (%)	2089	1.705	0.1100	1.651	0.0877	0.0280	29	0.61	2%	0
019.43	Calcium, ICP, Microwave (%)	2326	1.720	0.0000	1.651	0.0877	0.0280	29	0.78	2%	0
019.43	Calcium, ICP, Microwave (%)	0918	1.741	0.0470	1.651	0.0877	0.0280	29	1.02	3%	0
019.43	Calcium, ICP, Microwave (%)	0202	1.770	0.0200	1.651	0.0877	0.0280	29	1.35	4%	0
019.43	Calcium, ICP, Microwave (%)	2192	1.790	0.0400	1.651	0.0877	0.0280	29	1.58	4%	0
019.43	Calcium, ICP, Microwave (%)	0407	1.791	0.0384	1.651	0.0877	0.0280	29	1.59	4%	0
019.43	Calcium, ICP, Microwave (%)	0353	1.805	0.0300	1.651	0.0877	0.0280	29	1.75	5%	0
019.43	Calcium, ICP, Microwave (%)	0032	1.810	0.1600	1.651	0.0877	0.0280	29	1.81	5%	1
019.44	Calcium, ICP, Dry ash (%)	0164	1.600	0.0600				2			0
019.44	Calcium, ICP, Dry ash (%)	0160	1.750	0.1000				2			0
019.52	Calcium, ICP-MS, Open vessel (%)	0047	1.125	0.0700	1.505	0.2580	0.0497	4			0
019.52	Calcium, ICP-MS, Open vessel (%)	0016	1.570	0.0200	1.505	0.2580	0.0497	4			0
019.52	Calcium, ICP-MS, Open vessel (%)	0560	1.641	0.0837	1.505	0.2580	0.0497	4			0
019.52	Calcium, ICP-MS, Open vessel (%)	0154	1.686	0.0252	1.505	0.2580	0.0497	4			0
019.53	Calcium, ICP-MS, Microwave (%)	2066	1.215	0.0100	1.589	0.1313	0.0519	6	-2.85	12%	0
019.53	Calcium, ICP-MS, Microwave (%)	0407	1.510	0.1274	1.589	0.1313	0.0519	6	-0.60	2%	0
019.53	Calcium, ICP-MS, Microwave (%)	0939	1.625	0.0900	1.589	0.1313	0.0519	6	0.27	1%	0
019.53	Calcium, ICP-MS, Microwave (%)	2055	1.636	0.0041	1.589	0.1313	0.0519	6	0.36	1%	0
019.53	Calcium, ICP-MS, Microwave (%)	0553	1.680	0.0600	1.589	0.1313	0.0519	6	0.69	3%	0
019.53	Calcium, ICP-MS, Microwave (%)	0572	1.690	0.0200	1.589	0.1313	0.0519	6	0.77	3%	0
019.99	Calcium, Miscellaneous (%)	0590	1.420	0.0600	1.490	0.0790	0.0350	5			0
019.99	Calcium, Miscellaneous (%)	0242	1.430	0.0200	1.490	0.0790	0.0350	5			0
019.99	Calcium, Miscellaneous (%)	0889	1.448	0.0150	1.490	0.0790	0.0350	5			0
019.99	Calcium, Miscellaneous (%)	0100	1.565	0.0500	1.490	0.0790	0.0350	5			0
019.99	Calcium, Miscellaneous (%)	0676	1.585	0.0300	1.490	0.0790	0.0350	5			0
021.31	Cobalt, AAS, Dry ash (ppm)	0164	16.50	1.000				3			0
021.31	Cobalt, AAS, Dry ash (ppm)	0563	16.57	0.4024				3			0
021.31	Cobalt, AAS, Dry ash (ppm)	0208	147.0	4.000				3			0
021.41	Cobalt, ICP, Dry ash (ppm)	0619	9.965	0.0500	13.63	3.821	0.3001	6	-0.96	13%	0
021.41	Cobalt, ICP, Dry ash (ppm)	0066	10.59	0.4600	13.63	3.821	0.3001	6	-0.80	11%	0
021.41	Cobalt, ICP, Dry ash (ppm)	0171	11.85	0.5000	13.63	3.821	0.3001	6	-0.47	7%	0
021.41	Cobalt, ICP, Dry ash (ppm)	0407	14.34	0.0169	13.63	3.821	0.3001	6	0.19	3%	0

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021.41	Cobalt, ICP, Dry ash (ppm)	0964	17.29	0.2738	13.63	3.821	0.3001	6	0.96	13%	0
021.41	Cobalt, ICP, Dry ash (ppm)	0148	17.76	0.5000	13.63	3.821	0.3001	6	1.08	15%	0
021.42	Cobalt, ICP, Open vessel (ppm)	0045	12.55	2.900				2			0
021.42	Cobalt, ICP, Open vessel (ppm)	0693	12.91	0.1210				2			0
021.43	Cobalt, ICP, Microwave (ppm)	0345	11.03	0.2500	16.32	2.669	0.4902	8	-1.99	16%	0
021.43	Cobalt, ICP, Microwave (ppm)	0043	13.86	0.0594	16.32	2.669	0.4902	8	-0.92	8%	0
021.43	Cobalt, ICP, Microwave (ppm)	0407	15.36	0.4592	16.32	2.669	0.4902	8	-0.36	3%	0
021.43	Cobalt, ICP, Microwave (ppm)	0682	16.70	0.0000	16.32	2.669	0.4902	8	0.14	1%	0
021.43	Cobalt, ICP, Microwave (ppm)	0964	17.10	0.6000	16.32	2.669	0.4902	8	0.29	2%	0
021.43	Cobalt, ICP, Microwave (ppm)	0610	17.60	1.000	16.32	2.669	0.4902	8	0.48	4%	0
021.43	Cobalt, ICP, Microwave (ppm)	2326	18.15	0.3000	16.32	2.669	0.4902	8	0.68	6%	0
021.43	Cobalt, ICP, Microwave (ppm)	0353	19.49	1.253	16.32	2.669	0.4902	8	1.19	10%	0
021.52	Cobalt, ICP-MS, Open vessel (ppm)	0016	5.960	0.2200	8.089	1.702	0.1875	4			0
021.52	Cobalt, ICP-MS, Open vessel (ppm)	0910	7.750	0.4800	8.089	1.702	0.1875	4			0
021.52	Cobalt, ICP-MS, Open vessel (ppm)	0047	8.615	0.0300	8.089	1.702	0.1875	4			0
021.52	Cobalt, ICP-MS, Open vessel (ppm)	0560	10.03	0.0200	8.089	1.702	0.1875	4			0
021.53	Cobalt, ICP-MS, Microwave (ppm)	2066	6.125	0.1900	12.58	5.612	0.6855	8	-1.15	26%	0
021.53	Cobalt, ICP-MS, Microwave (ppm)	0918	7.005	0.2461	12.58	5.612	0.6855	8	-0.99	22%	0
021.53	Cobalt, ICP-MS, Microwave (ppm)	2055	7.628	0.2540	12.58	5.612	0.6855	8	-0.88	20%	0
021.53	Cobalt, ICP-MS, Microwave (ppm)	0555	13.21	0.0000	12.58	5.612	0.6855	8	0.11	2%	0
021.53	Cobalt, ICP-MS, Microwave (ppm)	0939	14.70	2.240	12.58	5.612	0.6855	8	0.38	8%	0
021.53	Cobalt, ICP-MS, Microwave (ppm)	0407	16.35	0.4540	12.58	5.612	0.6855	8	0.67	15%	0
021.53	Cobalt, ICP-MS, Microwave (ppm)	0610	17.60	0.8000	12.58	5.612	0.6855	8	0.89	20%	0
021.53	Cobalt, ICP-MS, Microwave (ppm)	0553	18.05	1.300	12.58	5.612	0.6855	8	0.97	22%	0
022.31	Copper, AAS, Dry ash (ppm)	0001	26.42	0.1700	138.4	10.68	3.623	10	-10.48	40%	0
022.31	Copper, AAS, Dry ash (ppm)	0939	131.7	4.920	138.4	10.68	3.623	10	-0.62	2%	0
022.31	Copper, AAS, Dry ash (ppm)	0529	131.9	4.200	138.4	10.68	3.623	10	-0.61	2%	0
022.31	Copper, AAS, Dry ash (ppm)	2188	132.5	0.0300	138.4	10.68	3.623	10	-0.55	2%	0
022.31	Copper, AAS, Dry ash (ppm)	0536	137.6	0.9500	138.4	10.68	3.623	10	-0.07	0%	0
022.31	Copper, AAS, Dry ash (ppm)	0563	138.0	7.283	138.4	10.68	3.623	10	-0.04	0%	0
022.31	Copper, AAS, Dry ash (ppm)	0175	139.0	2.000	138.4	10.68	3.623	10	0.06	0%	0
022.31	Copper, AAS, Dry ash (ppm)	2196	149.7	0.0000	138.4	10.68	3.623	10	1.06	4%	0
022.31	Copper, AAS, Dry ash (ppm)	0651	149.9	5.880	138.4	10.68	3.623	10	1.08	4%	0
022.31	Copper, AAS, Dry ash (ppm)	0689	151.0	10.80	138.4	10.68	3.623	10	1.18	5%	0
022.33	Copper, AAS, Microwave (ppm)	0010	143.8	6.600				2			0
022.33	Copper, AAS, Microwave (ppm)	0948	147.4	4.400				2			0
022.41	Copper, ICP, Dry ash (ppm)	0653	119.3	2.200	134.2	8.960	3.502	17	-1.67	6%	0
022.41	Copper, ICP, Dry ash (ppm)	0148	122.3	0.4002	134.2	8.960	3.502	17	-1.34	4%	0
022.41	Copper, ICP, Dry ash (ppm)	0619	124.0	0.8500	134.2	8.960	3.502	17	-1.15	4%	0
022.41	Copper, ICP, Dry ash (ppm)	0049	128.7	3.750	134.2	8.960	3.502	17	-0.62	2%	0
022.41	Copper, ICP, Dry ash (ppm)	0910	129.5	15.00	134.2	8.960	3.502	17	-0.53	2%	0
022.41	Copper, ICP, Dry ash (ppm)	0171	130.2	1.200	134.2	8.960	3.502	17	-0.45	2%	0



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022.41	Copper, ICP, Dry ash (ppm)	0229	133.0	2.340	134.2	8.960	3.502	17	-0.14	0%	0
022.41	Copper, ICP, Dry ash (ppm)	0598	133.9	0.3000	134.2	8.960	3.502	17	-0.04	0%	0
022.41	Copper, ICP, Dry ash (ppm)	0074	134.0	2.000	134.2	8.960	3.502	17	-0.03	0%	0
022.41	Copper, ICP, Dry ash (ppm)	0019	135.1	1.010	134.2	8.960	3.502	17	0.10	0%	0
022.41	Copper, ICP, Dry ash (ppm)	0208	135.9	2.500	134.2	8.960	3.502	17	0.18	1%	0
022.41	Copper, ICP, Dry ash (ppm)	0520	137.0	4.000	134.2	8.960	3.502	17	0.31	1%	0
022.41	Copper, ICP, Dry ash (ppm)	0407	139.9	12.17	134.2	8.960	3.502	17	0.63	2%	0
022.41	Copper, ICP, Dry ash (ppm)	0098	141.4	1.300	134.2	8.960	3.502	17	0.79	3%	0
022.41	Copper, ICP, Dry ash (ppm)	0358	141.8	5.290	134.2	8.960	3.502	17	0.84	3%	0
022.41	Copper, ICP, Dry ash (ppm)	0964	147.2	3.694	134.2	8.960	3.502	17	1.44	5%	0
022.41	Copper, ICP, Dry ash (ppm)	0226	157.5	1.530	134.2	8.960	3.502	17	2.59	9%	0
022.42	Copper, ICP, Open vessel (ppm)	0278	102.3	5.700	136.7	12.36	4.555	15	-2.78	13%	0
022.42	Copper, ICP, Open vessel (ppm)	0035	122.1	10.60	136.7	12.36	4.555	15	-1.18	5%	0
022.42	Copper, ICP, Open vessel (ppm)	0263	122.2	0.3800	136.7	12.36	4.555	15	-1.17	5%	0
022.42	Copper, ICP, Open vessel (ppm)	0045	132.0	6.000	136.7	12.36	4.555	15	-0.38	2%	0
022.42	Copper, ICP, Open vessel (ppm)	0265	133.0	8.000	136.7	12.36	4.555	15	-0.30	1%	0
022.42	Copper, ICP, Open vessel (ppm)	0870	133.5	3.200	136.7	12.36	4.555	15	-0.26	1%	0
022.42	Copper, ICP, Open vessel (ppm)	2129	135.4	0.4000	136.7	12.36	4.555	15	-0.10	0%	0
022.42	Copper, ICP, Open vessel (ppm)	0190	135.6	2.000	136.7	12.36	4.555	15	-0.09	0%	0
022.42	Copper, ICP, Open vessel (ppm)	0357	135.8	3.654	136.7	12.36	4.555	15	-0.07	0%	0
022.42	Copper, ICP, Open vessel (ppm)	0413	137.0	2.000	136.7	12.36	4.555	15	0.03	0%	0
022.42	Copper, ICP, Open vessel (ppm)	0009	144.0	4.000	136.7	12.36	4.555	15	0.59	3%	0
022.42	Copper, ICP, Open vessel (ppm)	0042	145.5	7.000	136.7	12.36	4.555	15	0.71	3%	0
022.42	Copper, ICP, Open vessel (ppm)	0685	148.3	0.0100	136.7	12.36	4.555	15	0.94	4%	0
022.42	Copper, ICP, Open vessel (ppm)	0037	152.2	4.300	136.7	12.36	4.555	15	1.25	6%	0
022.42	Copper, ICP, Open vessel (ppm)	0693	160.5	11.08	136.7	12.36	4.555	15	1.93	9%	0
022.43	Copper, ICP, Microwave (ppm)	0870	123.2	8.200	140.2	9.842	4.845	26	-1.73	6%	0
022.43	Copper, ICP, Microwave (ppm)	0035	123.9	4.600	140.2	9.842	4.845	26	-1.66	6%	0
022.43	Copper, ICP, Microwave (ppm)	0202	127.5	7.000	140.2	9.842	4.845	26	-1.29	5%	0
022.43	Copper, ICP, Microwave (ppm)	0043	127.8	6.112	140.2	9.842	4.845	26	-1.27	4%	0
022.43	Copper, ICP, Microwave (ppm)	2192	129.5	15.00	140.2	9.842	4.845	26	-1.09	4%	0
022.43	Copper, ICP, Microwave (ppm)	2089	131.0	4.850	140.2	9.842	4.845	26	-0.94	3%	0
022.43	Copper, ICP, Microwave (ppm)	0682	134.8	0.0000	140.2	9.842	4.845	26	-0.55	2%	0
022.43	Copper, ICP, Microwave (ppm)	0918	135.7	2.970	140.2	9.842	4.845	26	-0.46	2%	0
022.43	Copper, ICP, Microwave (ppm)	0345	136.4	1.700	140.2	9.842	4.845	26	-0.39	1%	0
022.43	Copper, ICP, Microwave (ppm)	0297	136.5	7.000	140.2	9.842	4.845	26	-0.38	1%	0
022.43	Copper, ICP, Microwave (ppm)	0098	137.4	10.30	140.2	9.842	4.845	26	-0.29	1%	0
022.43	Copper, ICP, Microwave (ppm)	0425	138.6	1.100	140.2	9.842	4.845	26	-0.17	1%	0
022.43	Copper, ICP, Microwave (ppm)	0968	141.5	1.000	140.2	9.842	4.845	26	0.13	0%	0
022.43	Copper, ICP, Microwave (ppm)	0083	142.5	3.000	140.2	9.842	4.845	26	0.23	1%	0
022.43	Copper, ICP, Microwave (ppm)	0555	144.0	0.0000	140.2	9.842	4.845	26	0.38	1%	0
022.43	Copper, ICP, Microwave (ppm)	0017	145.2	1.031	140.2	9.842	4.845	26	0.51	2%	0

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022.43	Copper, ICP, Microwave (ppm)	0407	145.3	0.0375	140.2	9.842	4.845	26	0.51	2%	0
022.43	Copper, ICP, Microwave (ppm)	0675	145.9	1.180	140.2	9.842	4.845	26	0.57	2%	0
022.43	Copper, ICP, Microwave (ppm)	0610	147.3	5.500	140.2	9.842	4.845	26	0.71	3%	0
022.43	Copper, ICP, Microwave (ppm)	0027	147.3	4.587	140.2	9.842	4.845	26	0.71	3%	0
022.43	Copper, ICP, Microwave (ppm)	0505	147.5	2.200	140.2	9.842	4.845	26	0.74	3%	0
022.43	Copper, ICP, Microwave (ppm)	0964	147.5	11.00	140.2	9.842	4.845	26	0.74	3%	0
022.43	Copper, ICP, Microwave (ppm)	0668	149.5	13.00	140.2	9.842	4.845	26	0.94	3%	0
022.43	Copper, ICP, Microwave (ppm)	0032	150.5	3.000	140.2	9.842	4.845	26	1.04	4%	0
022.43	Copper, ICP, Microwave (ppm)	2326	151.3	9.600	140.2	9.842	4.845	26	1.12	4%	0
022.43	Copper, ICP, Microwave (ppm)	0353	163.0	2.000	140.2	9.842	4.845	26	2.31	8%	0
022.44	Copper, ICP, Dry ash (ppm)	0164	143.0	2.000				2			0
022.44	Copper, ICP, Dry ash (ppm)	0066	150.2	11.20				2			0
022.52	Copper, ICP-MS, Open vessel (ppm)	0560	127.2	10.50				3			0
022.52	Copper, ICP-MS, Open vessel (ppm)	0016	129.0	6.000				3			0
022.52	Copper, ICP-MS, Open vessel (ppm)	0047	131.1	16.20				3			0
022.53	Copper, ICP-MS, Microwave (ppm)	2066	94.15	2.900	126.5	22.29	6.223	6	-1.45	13%	0
022.53	Copper, ICP-MS, Microwave (ppm)	0939	115.5	13.00	126.5	22.29	6.223	6	-0.49	4%	0
022.53	Copper, ICP-MS, Microwave (ppm)	0572	125.0	2.000	126.5	22.29	6.223	6	-0.07	1%	0
022.53	Copper, ICP-MS, Microwave (ppm)	0407	137.1	11.44	126.5	22.29	6.223	6	0.48	4%	0
022.53	Copper, ICP-MS, Microwave (ppm)	0553	137.5	5.000	126.5	22.29	6.223	6	0.50	4%	0
022.53	Copper, ICP-MS, Microwave (ppm)	2055	149.5	3.000	126.5	22.29	6.223	6	1.03	9%	0
022.99	Copper, Miscellaneous (ppm)	0100	132.5	5.000				3			0
022.99	Copper, Miscellaneous (ppm)	0242	133.0	6.000				3			0
022.99	Copper, Miscellaneous (ppm)	0590	141.0	6.000				3			0
024.52	Iodine, ICP-MS, Open vessel (ppm)	0910	4.412	3.741				1			0
025.31	Iron, AAS, Dry ash (ppm)	0001	293.1	8.200	730.5	88.75	17.86	12	-4.93	30%	0
025.31	Iron, AAS, Dry ash (ppm)	0921	609.0	41.40	730.5	88.75	17.86	12	-1.37	8%	0
025.31	Iron, AAS, Dry ash (ppm)	2188	681.4	0.0000	730.5	88.75	17.86	12	-0.55	3%	0
025.31	Iron, AAS, Dry ash (ppm)	0629	694.0	0.0000	730.5	88.75	17.86	12	-0.41	2%	0
025.31	Iron, AAS, Dry ash (ppm)	0529	710.2	14.70	730.5	88.75	17.86	12	-0.23	1%	0
025.31	Iron, AAS, Dry ash (ppm)	0563	740.6	56.34	730.5	88.75	17.86	12	0.11	1%	0
025.31	Iron, AAS, Dry ash (ppm)	0175	742.0	0.0000	730.5	88.75	17.86	12	0.13	1%	0
025.31	Iron, AAS, Dry ash (ppm)	0651	756.7	19.64	730.5	88.75	17.86	12	0.29	2%	0
025.31	Iron, AAS, Dry ash (ppm)	2196	766.7	0.0000	730.5	88.75	17.86	12	0.41	2%	0
025.31	Iron, AAS, Dry ash (ppm)	0536	786.7	15.10	730.5	88.75	17.86	12	0.63	4%	0
025.31	Iron, AAS, Dry ash (ppm)	0939	817.9	18.96	730.5	88.75	17.86	12	0.98	6%	0
025.31	Iron, AAS, Dry ash (ppm)	0208	867.0	40.00	730.5	88.75	17.86	12	1.54	9%	0
025.41	Iron, ICP, Dry ash (ppm)	0619	554.0	11.02	723.3	62.10	12.40	20	-2.73	12%	0
025.41	Iron, ICP, Dry ash (ppm)	0226	559.8	11.62	723.3	62.10	12.40	20	-2.63	11%	0
025.41	Iron, ICP, Dry ash (ppm)	0598	626.2	19.10	723.3	62.10	12.40	20	-1.56	7%	0
025.41	Iron, ICP, Dry ash (ppm)	0910	673.0	12.00	723.3	62.10	12.40	20	-0.81	3%	0
025.41	Iron, ICP, Dry ash (ppm)	0123	680.5	17.00	723.3	62.10	12.40	20	-0.69	3%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
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025.41	Iron, ICP, Dry ash (ppm)	0653	690.4	3.500	723.3	62.10	12.40	20	-0.53	2%	0
025.41	Iron, ICP, Dry ash (ppm)	0407	707.1	2.225	723.3	62.10	12.40	20	-0.26	1%	0
025.41	Iron, ICP, Dry ash (ppm)	0520	716.5	21.00	723.3	62.10	12.40	20	-0.11	0%	0
025.41	Iron, ICP, Dry ash (ppm)	0358	717.9	20.03	723.3	62.10	12.40	20	-0.09	0%	0
025.41	Iron, ICP, Dry ash (ppm)	0066	721.7	10.91	723.3	62.10	12.40	20	-0.03	0%	0
025.41	Iron, ICP, Dry ash (ppm)	0098	723.0	3.300	723.3	62.10	12.40	20	-0.01	0%	0
025.41	Iron, ICP, Dry ash (ppm)	0208	740.4	17.40	723.3	62.10	12.40	20	0.27	1%	0
025.41	Iron, ICP, Dry ash (ppm)	0019	757.0	0.1000	723.3	62.10	12.40	20	0.54	2%	0
025.41	Iron, ICP, Dry ash (ppm)	0164	761.0	16.00	723.3	62.10	12.40	20	0.61	3%	0
025.41	Iron, ICP, Dry ash (ppm)	0148	761.6	2.342	723.3	62.10	12.40	20	0.62	3%	0
025.41	Iron, ICP, Dry ash (ppm)	0171	762.5	7.700	723.3	62.10	12.40	20	0.63	3%	0
025.41	Iron, ICP, Dry ash (ppm)	0229	772.7	0.4300	723.3	62.10	12.40	20	0.79	3%	0
025.41	Iron, ICP, Dry ash (ppm)	0074	783.0	18.00	723.3	62.10	12.40	20	0.96	4%	0
025.41	Iron, ICP, Dry ash (ppm)	0049	791.5	18.99	723.3	62.10	12.40	20	1.10	5%	0
025.41	Iron, ICP, Dry ash (ppm)	0964	819.7	35.41	723.3	62.10	12.40	20	1.55	7%	0
025.42	Iron, ICP, Open vessel (ppm)	0265	257.0	10.00	623.9	198.5	23.68	11	-1.85	29%	0
025.42	Iron, ICP, Open vessel (ppm)	0278	311.0	22.00	623.9	198.5	23.68	11	-1.58	25%	0
025.42	Iron, ICP, Open vessel (ppm)	0190	503.8	32.03	623.9	198.5	23.68	11	-0.61	10%	0
025.42	Iron, ICP, Open vessel (ppm)	0037	517.2	55.80	623.9	198.5	23.68	11	-0.54	9%	0
025.42	Iron, ICP, Open vessel (ppm)	0870	712.8	22.60	623.9	198.5	23.68	11	0.45	7%	0
025.42	Iron, ICP, Open vessel (ppm)	0413	718.5	7.000	623.9	198.5	23.68	11	0.48	8%	0
025.42	Iron, ICP, Open vessel (ppm)	2129	718.9	6.500	623.9	198.5	23.68	11	0.48	8%	0
025.42	Iron, ICP, Open vessel (ppm)	0045	731.5	73.00	623.9	198.5	23.68	11	0.54	9%	0
025.42	Iron, ICP, Open vessel (ppm)	0693	741.4	20.93	623.9	198.5	23.68	11	0.59	9%	0
025.42	Iron, ICP, Open vessel (ppm)	0263	758.4	6.570	623.9	198.5	23.68	11	0.68	11%	0
025.42	Iron, ICP, Open vessel (ppm)	0035	808.2	4.000	623.9	198.5	23.68	11	0.93	15%	0
025.42	Iron, ICP, Open vessel (ppm)	0042	507.0	302.0	623.9	198.5	23.68	11	-0.59	9%	1
025.43	Iron, ICP, Microwave (ppm)	0668	579.0	178.0	761.8	58.57	24.00	25	-3.12	12%	0
025.43	Iron, ICP, Microwave (ppm)	0425	643.8	8.200	761.8	58.57	24.00	25	-2.01	8%	0
025.43	Iron, ICP, Microwave (ppm)	0345	682.0	12.00	761.8	58.57	24.00	25	-1.36	5%	0
025.43	Iron, ICP, Microwave (ppm)	0675	701.2	8.870	761.8	58.57	24.00	25	-1.03	4%	0
025.43	Iron, ICP, Microwave (ppm)	0043	705.0	40.66	761.8	58.57	24.00	25	-0.97	4%	0
025.43	Iron, ICP, Microwave (ppm)	0918	717.7	20.28	761.8	58.57	24.00	25	-0.75	3%	0
025.43	Iron, ICP, Microwave (ppm)	0870	723.7	22.80	761.8	58.57	24.00	25	-0.65	2%	0
025.43	Iron, ICP, Microwave (ppm)	0629	727.0	2.000	761.8	58.57	24.00	25	-0.59	2%	0
025.43	Iron, ICP, Microwave (ppm)	0083	731.5	5.000	761.8	58.57	24.00	25	-0.52	2%	0
025.43	Iron, ICP, Microwave (ppm)	0968	742.5	3.000	761.8	58.57	24.00	25	-0.33	1%	0
025.43	Iron, ICP, Microwave (ppm)	2192	751.0	42.00	761.8	58.57	24.00	25	-0.18	1%	0
025.43	Iron, ICP, Microwave (ppm)	0610	771.0	22.00	761.8	58.57	24.00	25	0.16	1%	0
025.43	Iron, ICP, Microwave (ppm)	0098	774.7	1.000	761.8	58.57	24.00	25	0.22	1%	0
025.43	Iron, ICP, Microwave (ppm)	0353	777.0	6.000	761.8	58.57	24.00	25	0.26	1%	0
025.43	Iron, ICP, Microwave (ppm)	0297	785.0	2.000	761.8	58.57	24.00	25	0.40	2%	0

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025.43	Iron, ICP, Microwave (ppm)	0407	787.2	31.36	761.8	58.57	24.00	25	0.43	2%	0
025.43	Iron, ICP, Microwave (ppm)	0964	788.4	2.250	761.8	58.57	24.00	25	0.45	2%	0
025.43	Iron, ICP, Microwave (ppm)	0512	790.7	3.400	761.8	58.57	24.00	25	0.49	2%	0
025.43	Iron, ICP, Microwave (ppm)	0017	801.7	96.79	761.8	58.57	24.00	25	0.68	3%	0
025.43	Iron, ICP, Microwave (ppm)	0035	805.3	7.600	761.8	58.57	24.00	25	0.74	3%	0
025.43	Iron, ICP, Microwave (ppm)	0555	807.0	6.000	761.8	58.57	24.00	25	0.77	3%	0
025.43	Iron, ICP, Microwave (ppm)	0505	808.2	6.800	761.8	58.57	24.00	25	0.79	3%	0
025.43	Iron, ICP, Microwave (ppm)	0682	825.2	0.0000	761.8	58.57	24.00	25	1.08	4%	0
025.43	Iron, ICP, Microwave (ppm)	0032	843.5	67.00	761.8	58.57	24.00	25	1.40	5%	0
025.43	Iron, ICP, Microwave (ppm)	2326	853.5	5.000	761.8	58.57	24.00	25	1.57	6%	0
025.43	Iron, ICP, Microwave (ppm)	2089	407.2	678.3	761.8	58.57	24.00	25	-6.05	23%	1
025.52	Iron, ICP-MS, Open vessel (ppm)	0154	258.9	24.52				2			0
025.52	Iron, ICP-MS, Open vessel (ppm)	0016	468.0	76.00				2			0
025.53	Iron, ICP-MS, Microwave (ppm)	2066	304.5	53.00	588.8	247.7	41.81	5			0
025.53	Iron, ICP-MS, Microwave (ppm)	2055	333.5	57.00	588.8	247.7	41.81	5			0
025.53	Iron, ICP-MS, Microwave (ppm)	0553	742.0	16.00	588.8	247.7	41.81	5			0
025.53	Iron, ICP-MS, Microwave (ppm)	0407	756.8	45.06	588.8	247.7	41.81	5			0
025.53	Iron, ICP-MS, Microwave (ppm)	0939	807.0	38.00	588.8	247.7	41.81	5			0
025.99	Iron, Miscellaneous (ppm)	0160	692.5	13.00				3			0
025.99	Iron, Miscellaneous (ppm)	0242	742.0	8.000				3			0
025.99	Iron, Miscellaneous (ppm)	0100	775.0	26.00				3			0
027.31	Magnesium, AAS, Dry ash (%)	0001	0.2362	0.0091	0.4293	0.0368	0.0188	11	-5.25	22%	0
027.31	Magnesium, AAS, Dry ash (%)	0529	0.3815	0.0070	0.4293	0.0368	0.0188	11	-1.30	6%	0
027.31	Magnesium, AAS, Dry ash (%)	0208	0.4085	0.0030	0.4293	0.0368	0.0188	11	-0.57	2%	0
027.31	Magnesium, AAS, Dry ash (%)	2196	0.4200	0.0000	0.4293	0.0368	0.0188	11	-0.25	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0939	0.4250	0.0100	0.4293	0.0368	0.0188	11	-0.12	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0142	0.4300	0.0069	0.4293	0.0368	0.0188	11	0.02	0%	0
027.31	Magnesium, AAS, Dry ash (%)	0629	0.4450	0.0100	0.4293	0.0368	0.0188	11	0.43	2%	0
027.31	Magnesium, AAS, Dry ash (%)	0651	0.4466	0.0092	0.4293	0.0368	0.0188	11	0.47	2%	0
027.31	Magnesium, AAS, Dry ash (%)	0536	0.4500	0.0000	0.4293	0.0368	0.0188	11	0.56	2%	0
027.31	Magnesium, AAS, Dry ash (%)	0175	0.4600	0.0800	0.4293	0.0368	0.0188	11	0.83	4%	0
027.31	Magnesium, AAS, Dry ash (%)	0563	0.4818	0.0716	0.4293	0.0368	0.0188	11	1.43	6%	0
027.33	Magnesium, AAS, Microwave (%)	0948	0.4095	0.0130				2			0
027.33	Magnesium, AAS, Microwave (%)	0010	0.4150	0.0100				2			0
027.41	Magnesium, ICP, Dry ash (%)	0407	0.3597	0.0068	0.4218	0.0171	0.0071	18	-3.63	7%	0
027.41	Magnesium, ICP, Dry ash (%)	0098	0.4000	0.0000	0.4218	0.0171	0.0071	18	-1.27	3%	0
027.41	Magnesium, ICP, Dry ash (%)	0910	0.4000	0.0200	0.4218	0.0171	0.0071	18	-1.27	3%	0
027.41	Magnesium, ICP, Dry ash (%)	0049	0.4050	0.0100	0.4218	0.0171	0.0071	18	-0.98	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0226	0.4100	0.0000	0.4218	0.0171	0.0071	18	-0.69	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0019	0.4150	0.0100	0.4218	0.0171	0.0071	18	-0.40	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0229	0.4150	0.0100	0.4218	0.0171	0.0071	18	-0.40	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0598	0.4185	0.0006	0.4218	0.0171	0.0071	18	-0.19	0%	0

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027.41	Magnesium, ICP, Dry ash (%)	0520	0.4200	0.0000	0.4218	0.0171	0.0071	18	-0.10	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0964	0.4232	0.0188	0.4218	0.0171	0.0071	18	0.08	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0653	0.4320	0.0060	0.4218	0.0171	0.0071	18	0.60	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0074	0.4325	0.0030	0.4218	0.0171	0.0071	18	0.63	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0619	0.4345	0.0030	0.4218	0.0171	0.0071	18	0.74	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0066	0.4350	0.0100	0.4218	0.0171	0.0071	18	0.77	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0413	0.4350	0.0100	0.4218	0.0171	0.0071	18	0.77	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0148	0.4400	0.0000	0.4218	0.0171	0.0071	18	1.07	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0171	0.4400	0.0000	0.4218	0.0171	0.0071	18	1.07	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0358	0.4400	0.0200	0.4218	0.0171	0.0071	18	1.07	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0278	0.2900	0.0000	0.4202	0.0256	0.0092	14	-5.10	15%	0
027.42	Magnesium, ICP, Open vessel (%)	2129	0.3751	0.0136	0.4202	0.0256	0.0092	14	-1.76	5%	0
027.42	Magnesium, ICP, Open vessel (%)	0870	0.4023	0.0184	0.4202	0.0256	0.0092	14	-0.70	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0263	0.4031	0.0010	0.4202	0.0256	0.0092	14	-0.67	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0265	0.4050	0.0100	0.4202	0.0256	0.0092	14	-0.59	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0045	0.4165	0.0110	0.4202	0.0256	0.0092	14	-0.14	0%	0
027.42	Magnesium, ICP, Open vessel (%)	0042	0.4250	0.0080	0.4202	0.0256	0.0092	14	0.19	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0037	0.4320	0.0100	0.4202	0.0256	0.0092	14	0.46	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0009	0.4327	0.0076	0.4202	0.0256	0.0092	14	0.49	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0357	0.4339	0.0051	0.4202	0.0256	0.0092	14	0.53	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0190	0.4350	0.0100	0.4202	0.0256	0.0092	14	0.58	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0685	0.4350	0.0100	0.4202	0.0256	0.0092	14	0.58	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0035	0.4400	0.0000	0.4202	0.0256	0.0092	14	0.78	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0693	0.4610	0.0240	0.4202	0.0256	0.0092	14	1.60	5%	0
027.43	Magnesium, ICP, Microwave (%)	0870	0.3767	0.0135	0.4249	0.0201	0.0092	26	-2.40	6%	0
027.43	Magnesium, ICP, Microwave (%)	0505	0.3950	0.0100	0.4249	0.0201	0.0092	26	-1.49	4%	0
027.43	Magnesium, ICP, Microwave (%)	0202	0.4005	0.0070	0.4249	0.0201	0.0092	26	-1.21	3%	0
027.43	Magnesium, ICP, Microwave (%)	0407	0.4032	0.0151	0.4249	0.0201	0.0092	26	-1.08	3%	0
027.43	Magnesium, ICP, Microwave (%)	0968	0.4080	0.0000	0.4249	0.0201	0.0092	26	-0.84	2%	0
027.43	Magnesium, ICP, Microwave (%)	0083	0.4100	0.0000	0.4249	0.0201	0.0092	26	-0.74	2%	0
027.43	Magnesium, ICP, Microwave (%)	0668	0.4105	0.0050	0.4249	0.0201	0.0092	26	-0.72	2%	0
027.43	Magnesium, ICP, Microwave (%)	0043	0.4159	0.0049	0.4249	0.0201	0.0092	26	-0.45	1%	0
027.43	Magnesium, ICP, Microwave (%)	0098	0.4200	0.0000	0.4249	0.0201	0.0092	26	-0.25	1%	0
027.43	Magnesium, ICP, Microwave (%)	0297	0.4200	0.0000	0.4249	0.0201	0.0092	26	-0.25	1%	0
027.43	Magnesium, ICP, Microwave (%)	0682	0.4200	0.0000	0.4249	0.0201	0.0092	26	-0.25	1%	0
027.43	Magnesium, ICP, Microwave (%)	2192	0.4200	0.0000	0.4249	0.0201	0.0092	26	-0.25	1%	0
027.43	Magnesium, ICP, Microwave (%)	0345	0.4230	0.0040	0.4249	0.0201	0.0092	26	-0.10	0%	0
027.43	Magnesium, ICP, Microwave (%)	0629	0.4250	0.0100	0.4249	0.0201	0.0092	26	0.00	0%	0
027.43	Magnesium, ICP, Microwave (%)	0675	0.4250	0.0100	0.4249	0.0201	0.0092	26	0.00	0%	0
027.43	Magnesium, ICP, Microwave (%)	0555	0.4285	0.0050	0.4249	0.0201	0.0092	26	0.18	0%	0
027.43	Magnesium, ICP, Microwave (%)	0425	0.4300	0.0000	0.4249	0.0201	0.0092	26	0.25	1%	0
027.43	Magnesium, ICP, Microwave (%)	2089	0.4300	0.0400	0.4249	0.0201	0.0092	26	0.25	1%	0

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027.43	Magnesium, ICP, Microwave (%)	0027	0.4365	0.0190	0.4249	0.0201	0.0092	26	0.57	1%	0
027.43	Magnesium, ICP, Microwave (%)	0512	0.4368	0.0089	0.4249	0.0201	0.0092	26	0.59	1%	0
027.43	Magnesium, ICP, Microwave (%)	0918	0.4415	0.0050	0.4249	0.0201	0.0092	26	0.82	2%	0
027.43	Magnesium, ICP, Microwave (%)	2326	0.4425	0.0030	0.4249	0.0201	0.0092	26	0.87	2%	0
027.43	Magnesium, ICP, Microwave (%)	0035	0.4500	0.0000	0.4249	0.0201	0.0092	26	1.24	3%	0
027.43	Magnesium, ICP, Microwave (%)	0964	0.4520	0.0078	0.4249	0.0201	0.0092	26	1.34	3%	0
027.43	Magnesium, ICP, Microwave (%)	0610	0.4550	0.0100	0.4249	0.0201	0.0092	26	1.49	4%	0
027.43	Magnesium, ICP, Microwave (%)	0032	0.4600	0.0600	0.4249	0.0201	0.0092	26	1.74	4%	0
027.43	Magnesium, ICP, Microwave (%)	0353	0.4250	0.0700	0.4249	0.0201	0.0092	26	0.00	0%	1
027.43	Magnesium, ICP, Microwave (%)	0017	0.0000	0.0000	0.4249	0.0201	0.0092	26			4
027.44	Magnesium, ICP, Dry ash (%)	0164	0.4270	0.0100				2			0
027.44	Magnesium, ICP, Dry ash (%)	0160	0.4300	0.0200				2			0
027.52	Magnesium, ICP-MS, Open vessel (%)	0560	0.4394	0.0181	0.4525	0.0166	0.0081	4			0
027.52	Magnesium, ICP-MS, Open vessel (%)	0016	0.4405	0.0030	0.4525	0.0166	0.0081	4			0
027.52	Magnesium, ICP-MS, Open vessel (%)	0154	0.4553	0.0013	0.4525	0.0166	0.0081	4			0
027.52	Magnesium, ICP-MS, Open vessel (%)	0047	0.4750	0.0100	0.4525	0.0166	0.0081	4			0
027.53	Magnesium, ICP-MS, Microwave (%)	2066	0.3000	0.0000	0.4152	0.0752	0.0131	6	-1.53	14%	0
027.53	Magnesium, ICP-MS, Microwave (%)	0407	0.3868	0.0160	0.4152	0.0752	0.0131	6	-0.38	3%	0
027.53	Magnesium, ICP-MS, Microwave (%)	0939	0.4300	0.0200	0.4152	0.0752	0.0131	6	0.20	2%	0
027.53	Magnesium, ICP-MS, Microwave (%)	0553	0.4315	0.0090	0.4152	0.0752	0.0131	6	0.22	2%	0
027.53	Magnesium, ICP-MS, Microwave (%)	0572	0.4395	0.0230	0.4152	0.0752	0.0131	6	0.32	3%	0
027.53	Magnesium, ICP-MS, Microwave (%)	2055	0.5011	0.0108	0.4152	0.0752	0.0131	6	1.14	10%	0
027.99	Magnesium, Miscellaneous (%)	0242	0.4100	0.0200				3			0
027.99	Magnesium, Miscellaneous (%)	0590	0.4200	0.0000				3			0
027.99	Magnesium, Miscellaneous (%)	0100	0.4250	0.0100				3			0
027.99	Magnesium, Miscellaneous (%)	0889	0.2900	0.0000				3			2
028.31	Manganese, AAS, Dry ash (ppm)	0001	166.1	3.800	298.9	61.38	6.448	12	-2.16	22%	0
028.31	Manganese, AAS, Dry ash (ppm)	0563	167.8	11.49	298.9	61.38	6.448	12	-2.14	22%	0
028.31	Manganese, AAS, Dry ash (ppm)	0689	232.1	2.500	298.9	61.38	6.448	12	-1.09	11%	0
028.31	Manganese, AAS, Dry ash (ppm)	0536	277.2	5.300	298.9	61.38	6.448	12	-0.35	4%	0
028.31	Manganese, AAS, Dry ash (ppm)	0939	316.2	8.770	298.9	61.38	6.448	12	0.28	3%	0
028.31	Manganese, AAS, Dry ash (ppm)	0629	322.0	4.000	298.9	61.38	6.448	12	0.38	4%	0
028.31	Manganese, AAS, Dry ash (ppm)	0651	325.5	6.920	298.9	61.38	6.448	12	0.43	4%	0
028.31	Manganese, AAS, Dry ash (ppm)	0175	327.0	2.000	298.9	61.38	6.448	12	0.46	5%	0
028.31	Manganese, AAS, Dry ash (ppm)	0529	335.7	23.60	298.9	61.38	6.448	12	0.60	6%	0
028.31	Manganese, AAS, Dry ash (ppm)	2196	343.1	0.0000	298.9	61.38	6.448	12	0.72	7%	0
028.31	Manganese, AAS, Dry ash (ppm)	2188	344.1	0.0000	298.9	61.38	6.448	12	0.74	8%	0
028.31	Manganese, AAS, Dry ash (ppm)	0208	350.5	9.000	298.9	61.38	6.448	12	0.84	9%	0
028.33	Manganese, AAS, Microwave (ppm)	0948	309.9	7.150				1			0
028.41	Manganese, ICP, Dry ash (ppm)	0226	249.1	6.010	322.9	19.03	8.958	16	-3.88	11%	0
028.41	Manganese, ICP, Dry ash (ppm)	0619	257.6	4.781	322.9	19.03	8.958	16	-3.43	10%	0
028.41	Manganese, ICP, Dry ash (ppm)	0910	297.5	5.000	322.9	19.03	8.958	16	-1.34	4%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
028.41	Manganese, ICP, Dry ash (ppm)	0098	315.4	21.70	322.9	19.03	8.958	16	-0.40	1%	0
028.41	Manganese, ICP, Dry ash (ppm)	0407	315.7	11.13	322.9	19.03	8.958	16	-0.38	1%	0
028.41	Manganese, ICP, Dry ash (ppm)	0520	317.5	11.00	322.9	19.03	8.958	16	-0.28	1%	0
028.41	Manganese, ICP, Dry ash (ppm)	0049	321.6	1.640	322.9	19.03	8.958	16	-0.07	0%	0
028.41	Manganese, ICP, Dry ash (ppm)	0208	324.6	24.10	322.9	19.03	8.958	16	0.09	0%	0
028.41	Manganese, ICP, Dry ash (ppm)	0229	326.1	14.98	322.9	19.03	8.958	16	0.17	0%	0
028.41	Manganese, ICP, Dry ash (ppm)	0171	326.7	3.900	322.9	19.03	8.958	16	0.20	1%	0
028.41	Manganese, ICP, Dry ash (ppm)	0074	332.0	8.000	322.9	19.03	8.958	16	0.48	1%	0
028.41	Manganese, ICP, Dry ash (ppm)	0148	333.5	6.557	322.9	19.03	8.958	16	0.55	2%	0
028.41	Manganese, ICP, Dry ash (ppm)	0019	335.8	6.350	322.9	19.03	8.958	16	0.68	2%	0
028.41	Manganese, ICP, Dry ash (ppm)	0598	337.4	1.400	322.9	19.03	8.958	16	0.76	2%	0
028.41	Manganese, ICP, Dry ash (ppm)	0964	342.8	7.696	322.9	19.03	8.958	16	1.05	3%	0
028.41	Manganese, ICP, Dry ash (ppm)	0358	355.8	9.080	322.9	19.03	8.958	16	1.73	5%	0
028.42	Manganese, ICP, Open vessel (ppm)	0278	222.5	7.000	327.7	23.80	11.35	15	-4.42	16%	0
028.42	Manganese, ICP, Open vessel (ppm)	0263	286.7	6.160	327.7	23.80	11.35	15	-1.72	6%	0
028.42	Manganese, ICP, Open vessel (ppm)	0870	307.0	4.600	327.7	23.80	11.35	15	-0.87	3%	0
028.42	Manganese, ICP, Open vessel (ppm)	0042	311.5	3.000	327.7	23.80	11.35	15	-0.68	2%	0
028.42	Manganese, ICP, Open vessel (ppm)	2129	320.2	16.00	327.7	23.80	11.35	15	-0.31	1%	0
028.42	Manganese, ICP, Open vessel (ppm)	0045	322.5	11.00	327.7	23.80	11.35	15	-0.22	1%	0
028.42	Manganese, ICP, Open vessel (ppm)	0685	325.0	0.0100	327.7	23.80	11.35	15	-0.11	0%	0
028.42	Manganese, ICP, Open vessel (ppm)	0413	330.0	14.00	327.7	23.80	11.35	15	0.10	0%	0
028.42	Manganese, ICP, Open vessel (ppm)	0009	333.0	2.000	327.7	23.80	11.35	15	0.22	1%	0
028.42	Manganese, ICP, Open vessel (ppm)	0357	335.4	0.8930	327.7	23.80	11.35	15	0.33	1%	0
028.42	Manganese, ICP, Open vessel (ppm)	0035	341.0	1.000	327.7	23.80	11.35	15	0.56	2%	0
028.42	Manganese, ICP, Open vessel (ppm)	0265	342.0	30.00	327.7	23.80	11.35	15	0.60	2%	0
028.42	Manganese, ICP, Open vessel (ppm)	0190	343.6	10.80	327.7	23.80	11.35	15	0.67	2%	0
028.42	Manganese, ICP, Open vessel (ppm)	0693	356.6	38.32	327.7	23.80	11.35	15	1.21	4%	0
028.42	Manganese, ICP, Open vessel (ppm)	0037	381.9	25.50	327.7	23.80	11.35	15	2.28	8%	0
028.43	Manganese, ICP, Microwave (ppm)	0870	295.0	2.500	335.8	16.41	12.16	27	-2.49	6%	0
028.43	Manganese, ICP, Microwave (ppm)	0425	309.4	2.800	335.8	16.41	12.16	27	-1.61	4%	0
028.43	Manganese, ICP, Microwave (ppm)	0297	314.5	3.000	335.8	16.41	12.16	27	-1.30	3%	0
028.43	Manganese, ICP, Microwave (ppm)	0512	321.0	12.00	335.8	16.41	12.16	27	-0.90	2%	0
028.43	Manganese, ICP, Microwave (ppm)	0918	321.3	8.730	335.8	16.41	12.16	27	-0.88	2%	0
028.43	Manganese, ICP, Microwave (ppm)	0675	323.0	19.35	335.8	16.41	12.16	27	-0.78	2%	0
028.43	Manganese, ICP, Microwave (ppm)	0098	324.1	8.700	335.8	16.41	12.16	27	-0.72	2%	0
028.43	Manganese, ICP, Microwave (ppm)	0629	328.0	16.00	335.8	16.41	12.16	27	-0.47	1%	0
028.43	Manganese, ICP, Microwave (ppm)	0968	328.5	3.000	335.8	16.41	12.16	27	-0.44	1%	0
028.43	Manganese, ICP, Microwave (ppm)	0345	329.5	9.000	335.8	16.41	12.16	27	-0.38	1%	0
028.43	Manganese, ICP, Microwave (ppm)	0555	330.0	0.0000	335.8	16.41	12.16	27	-0.35	1%	0
028.43	Manganese, ICP, Microwave (ppm)	0043	330.0	21.98	335.8	16.41	12.16	27	-0.35	1%	0
028.43	Manganese, ICP, Microwave (ppm)	0610	333.3	0.5000	335.8	16.41	12.16	27	-0.15	0%	0
028.43	Manganese, ICP, Microwave (ppm)	0353	333.5	13.00	335.8	16.41	12.16	27	-0.14	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
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028.43	Manganese, ICP, Microwave (ppm)	0202	336.5	27.00	335.8	16.41	12.16	27	0.04	0%	0
028.43	Manganese, ICP, Microwave (ppm)	0035	338.6	2.800	335.8	16.41	12.16	27	0.17	0%	0
028.43	Manganese, ICP, Microwave (ppm)	0682	340.6	0.0000	335.8	16.41	12.16	27	0.30	1%	0
028.43	Manganese, ICP, Microwave (ppm)	2089	342.3	16.09	335.8	16.41	12.16	27	0.40	1%	0
028.43	Manganese, ICP, Microwave (ppm)	0964	342.5	13.00	335.8	16.41	12.16	27	0.41	1%	0
028.43	Manganese, ICP, Microwave (ppm)	0083	344.0	4.000	335.8	16.41	12.16	27	0.50	1%	0
028.43	Manganese, ICP, Microwave (ppm)	0505	348.0	15.60	335.8	16.41	12.16	27	0.74	2%	0
028.43	Manganese, ICP, Microwave (ppm)	0032	351.0	24.00	335.8	16.41	12.16	27	0.93	2%	0
028.43	Manganese, ICP, Microwave (ppm)	0668	353.0	18.00	335.8	16.41	12.16	27	1.05	3%	0
028.43	Manganese, ICP, Microwave (ppm)	0027	353.2	11.43	335.8	16.41	12.16	27	1.06	3%	0
028.43	Manganese, ICP, Microwave (ppm)	2326	357.0	20.00	335.8	16.41	12.16	27	1.29	3%	0
028.43	Manganese, ICP, Microwave (ppm)	0017	360.2	46.82	335.8	16.41	12.16	27	1.49	4%	0
028.43	Manganese, ICP, Microwave (ppm)	0407	364.9	9.097	335.8	16.41	12.16	27	1.77	4%	0
028.44	Manganese, ICP, Dry ash (ppm)	0066	292.5	5.930				2			0
028.44	Manganese, ICP, Dry ash (ppm)	0164	348.0	4.000				2			0
028.52	Manganese, ICP-MS, Open vessel (ppm)	0047	297.8	1.100				3			0
028.52	Manganese, ICP-MS, Open vessel (ppm)	0560	314.1	28.00				3			0
028.52	Manganese, ICP-MS, Open vessel (ppm)	0016	365.0	22.00				3			0
028.53	Manganese, ICP-MS, Microwave (ppm)	2066	235.5	3.000	314.3	15.26	23.89	7	-5.16	13%	0
028.53	Manganese, ICP-MS, Microwave (ppm)	0407	301.9	11.91	314.3	15.26	23.89	7	-0.81	2%	0
028.53	Manganese, ICP-MS, Microwave (ppm)	0553	311.5	9.000	314.3	15.26	23.89	7	-0.18	0%	0
028.53	Manganese, ICP-MS, Microwave (ppm)	0572	320.0	64.00	314.3	15.26	23.89	7	0.38	1%	0
028.53	Manganese, ICP-MS, Microwave (ppm)	2055	321.6	8.300	314.3	15.26	23.89	7	0.48	1%	0
028.53	Manganese, ICP-MS, Microwave (ppm)	0939	325.5	29.00	314.3	15.26	23.89	7	0.74	2%	0
028.53	Manganese, ICP-MS, Microwave (ppm)	2192	328.0	42.00	314.3	15.26	23.89	7	0.90	2%	0
028.99	Manganese, Miscellaneous (ppm)	0242	312.0	2.000				3			0
028.99	Manganese, Miscellaneous (ppm)	0590	316.0	2.000				3			0
028.99	Manganese, Miscellaneous (ppm)	0100	335.5	5.000				3			0
031.01	Phosphorus, Photometric (%)	0016	1.005	0.0110	1.053	0.0254	0.0121	25	-1.90	2%	0
031.01	Phosphorus, Photometric (%)	0175	1.005	0.0100	1.053	0.0254	0.0121	25	-1.88	2%	0
031.01	Phosphorus, Photometric (%)	0626	1.005	0.0100	1.053	0.0254	0.0121	25	-1.88	2%	0
031.01	Phosphorus, Photometric (%)	0885	1.027	0.0339	1.053	0.0254	0.0121	25	-1.03	1%	0
031.01	Phosphorus, Photometric (%)	0563	1.039	0.0047	1.053	0.0254	0.0121	25	-0.52	1%	0
031.01	Phosphorus, Photometric (%)	0590	1.040	0.0000	1.053	0.0254	0.0121	25	-0.50	1%	0
031.01	Phosphorus, Photometric (%)	2188	1.040	0.0000	1.053	0.0254	0.0121	25	-0.50	1%	0
031.01	Phosphorus, Photometric (%)	2340	1.041	0.0190	1.053	0.0254	0.0121	25	-0.48	1%	0
031.01	Phosphorus, Photometric (%)	0651	1.044	0.0178	1.053	0.0254	0.0121	25	-0.35	0%	0
031.01	Phosphorus, Photometric (%)	0142	1.045	0.0073	1.053	0.0254	0.0121	25	-0.32	0%	0
031.01	Phosphorus, Photometric (%)	0683	1.045	0.0100	1.053	0.0254	0.0121	25	-0.30	0%	0
031.01	Phosphorus, Photometric (%)	0939	1.045	0.0100	1.053	0.0254	0.0121	25	-0.30	0%	0
031.01	Phosphorus, Photometric (%)	0629	1.050	0.0200	1.053	0.0254	0.0121	25	-0.10	0%	0
031.01	Phosphorus, Photometric (%)	0689	1.055	0.0100	1.053	0.0254	0.0121	25	0.09	0%	0



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031.01	Phosphorus, Photometric (%)	0881	1.058	0.0040	1.053	0.0254	0.0121	25	0.21	0%	0
031.01	Phosphorus, Photometric (%)	0018	1.060	0.0000	1.053	0.0254	0.0121	25	0.29	0%	0
031.01	Phosphorus, Photometric (%)	2022	1.060	0.0200	1.053	0.0254	0.0121	25	0.29	0%	0
031.01	Phosphorus, Photometric (%)	2192	1.065	0.0100	1.053	0.0254	0.0121	25	0.49	1%	0
031.01	Phosphorus, Photometric (%)	2196	1.067	0.0000	1.053	0.0254	0.0121	25	0.55	1%	0
031.01	Phosphorus, Photometric (%)	0208	1.071	0.0270	1.053	0.0254	0.0121	25	0.70	1%	0
031.01	Phosphorus, Photometric (%)	0948	1.075	0.0300	1.053	0.0254	0.0121	25	0.88	1%	0
031.01	Phosphorus, Photometric (%)	2181	1.080	0.0200	1.053	0.0254	0.0121	25	1.08	1%	0
031.01	Phosphorus, Photometric (%)	2009	1.087	0.0016	1.053	0.0254	0.0121	25	1.36	2%	0
031.01	Phosphorus, Photometric (%)	0529	1.090	0.0000	1.053	0.0254	0.0121	25	1.47	2%	0
031.01	Phosphorus, Photometric (%)	2109	1.115	0.0270	1.053	0.0254	0.0121	25	2.43	3%	0
031.01	Phosphorus, Photometric (%)	0687	1.050	0.1000	1.053	0.0254	0.0121	25	-0.10	0%	1
031.01	Phosphorus, Photometric (%)	0108	0.7150	0.0900	1.053	0.0254	0.0121	25	-13.29	16%	2
031.02	Phosphorus, GQMP (AOAC 935.13-Extraction) (%)	0043	1.063	0.0170				1			0
031.03	Phosphorus, Autoanalyzer (%)	0036	1.023	0.0088				1			0
031.06	Phosphorus, Hach Method (%)	0536	0.3950	0.0100				1			0
031.41	Phosphorus, ICP, Dry ash (%)	0910	0.9500	0.0600	1.045	0.0517	0.0266	23	-1.84	5%	0
031.41	Phosphorus, ICP, Dry ash (%)	0226	0.9650	0.0100	1.045	0.0517	0.0266	23	-1.55	4%	0
031.41	Phosphorus, ICP, Dry ash (%)	0229	0.9950	0.0100	1.045	0.0517	0.0266	23	-0.97	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0520	1.000	0.0400	1.045	0.0517	0.0266	23	-0.88	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0019	1.010	0.0200	1.045	0.0517	0.0266	23	-0.68	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0144	1.010	0.0800	1.045	0.0517	0.0266	23	-0.68	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0298	1.010	0.0200	1.045	0.0517	0.0266	23	-0.68	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0208	1.015	0.1110	1.045	0.0517	0.0266	23	-0.60	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0407	1.016	0.0283	1.045	0.0517	0.0266	23	-0.57	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0685	1.025	0.0100	1.045	0.0517	0.0266	23	-0.39	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0049	1.045	0.0300	1.045	0.0517	0.0266	23	-0.01	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0171	1.050	0.0000	1.045	0.0517	0.0266	23	0.09	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0619	1.050	0.0000	1.045	0.0517	0.0266	23	0.09	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0098	1.056	0.0250	1.045	0.0517	0.0266	23	0.20	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0123	1.065	0.0500	1.045	0.0517	0.0266	23	0.38	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0148	1.070	0.0000	1.045	0.0517	0.0266	23	0.48	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	2259	1.081	0.0010	1.045	0.0517	0.0266	23	0.68	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0653	1.081	0.0040	1.045	0.0517	0.0266	23	0.69	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0964	1.083	0.0332	1.045	0.0517	0.0266	23	0.73	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0413	1.095	0.0100	1.045	0.0517	0.0266	23	0.96	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0358	1.105	0.0300	1.045	0.0517	0.0266	23	1.15	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0074	1.125	0.0100	1.045	0.0517	0.0266	23	1.54	4%	0
031.41	Phosphorus, ICP, Dry ash (%)	0598	1.159	0.0300	1.045	0.0517	0.0266	23	2.20	5%	0
031.42	Phosphorus, ICP, Open vessel (%)	0278	0.8800	0.1000	1.027	0.0379	0.0468	14	-3.87	7%	0
031.42	Phosphorus, ICP, Open vessel (%)	0265	0.9600	0.0400	1.027	0.0379	0.0468	14	-1.77	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	2129	0.9917	0.1067	1.027	0.0379	0.0468	14	-0.93	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
031.42	Phosphorus, ICP, Open vessel (%)	0263	1.019	0.0054	1.027	0.0379	0.0468	14	-0.21	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0357	1.020	0.0214	1.027	0.0379	0.0468	14	-0.18	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0014	1.025	0.0500	1.027	0.0379	0.0468	14	-0.05	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0045	1.025	0.0500	1.027	0.0379	0.0468	14	-0.05	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0009	1.027	0.0091	1.027	0.0379	0.0468	14	-0.01	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0870	1.029	0.0520	1.027	0.0379	0.0468	14	0.05	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0042	1.040	0.0800	1.027	0.0379	0.0468	14	0.34	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0035	1.045	0.0100	1.027	0.0379	0.0468	14	0.48	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0693	1.063	0.0760	1.027	0.0379	0.0468	14	0.95	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0190	1.075	0.0300	1.027	0.0379	0.0468	14	1.27	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0037	1.078	0.0240	1.027	0.0379	0.0468	14	1.35	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0870	0.9972	0.0657	1.069	0.0402	0.0225	29	-1.78	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0425	1.025	0.0100	1.069	0.0402	0.0225	29	-1.09	2%	0
031.43	Phosphorus, ICP, Microwave (%)	2089	1.025	0.0100	1.069	0.0402	0.0225	29	-1.09	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0512	1.027	0.0040	1.069	0.0402	0.0225	29	-1.04	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0001	1.030	0.0200	1.069	0.0402	0.0225	29	-0.96	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0610	1.035	0.0100	1.069	0.0402	0.0225	29	-0.84	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0675	1.035	0.0100	1.069	0.0402	0.0225	29	-0.84	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0083	1.040	0.0200	1.069	0.0402	0.0225	29	-0.71	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0297	1.040	0.0800	1.069	0.0402	0.0225	29	-0.71	1%	0
031.43	Phosphorus, ICP, Microwave (%)	2326	1.040	0.0200	1.069	0.0402	0.0225	29	-0.71	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0555	1.045	0.0100	1.069	0.0402	0.0225	29	-0.59	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0682	1.060	0.0000	1.069	0.0402	0.0225	29	-0.22	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0010	1.065	0.0300	1.069	0.0402	0.0225	29	-0.09	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0968	1.067	0.0090	1.069	0.0402	0.0225	29	-0.05	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0017	1.068	0.0389	1.069	0.0402	0.0225	29	-0.01	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0202	1.070	0.0600	1.069	0.0402	0.0225	29	0.03	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0035	1.075	0.0100	1.069	0.0402	0.0225	29	0.16	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0345	1.075	0.0300	1.069	0.0402	0.0225	29	0.16	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0629	1.080	0.0000	1.069	0.0402	0.0225	29	0.28	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0036	1.082	0.0033	1.069	0.0402	0.0225	29	0.33	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0098	1.083	0.0150	1.069	0.0402	0.0225	29	0.34	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0407	1.094	0.0462	1.069	0.0402	0.0225	29	0.62	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0027	1.098	0.0290	1.069	0.0402	0.0225	29	0.72	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0505	1.100	0.0000	1.069	0.0402	0.0225	29	0.78	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0668	1.115	0.0300	1.069	0.0402	0.0225	29	1.15	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0353	1.125	0.0300	1.069	0.0402	0.0225	29	1.40	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0964	1.128	0.0232	1.069	0.0402	0.0225	29	1.47	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0918	1.156	0.0160	1.069	0.0402	0.0225	29	2.17	4%	0
031.43	Phosphorus, ICP, Microwave (%)	0043	1.174	0.0222	1.069	0.0402	0.0225	29	2.62	5%	0
031.43	Phosphorus, ICP, Microwave (%)	0032	1.100	0.1400	1.069	0.0402	0.0225	29	0.78	1%	1
031.44	Phosphorus, ICP, Dry ash (%)	0066	1.013	0.0290				3			0

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031.44	Phosphorus, ICP, Dry ash (%)	0160	1.095	0.0300				3			0
031.44	Phosphorus, ICP, Dry ash (%)	0164	1.095	0.0300				3			0
031.52	Phosphorus, ICP-MS, Open vessel (%)	0154	1.204	0.0103				1			0
031.53	Phosphorus, ICP-MS, Microwave (%)	0407	1.021	0.0306	1.106	0.1017	0.0381	6	-0.84	4%	0
031.53	Phosphorus, ICP-MS, Microwave (%)	0553	1.045	0.0500	1.106	0.1017	0.0381	6	-0.60	3%	0
031.53	Phosphorus, ICP-MS, Microwave (%)	0939	1.045	0.0300	1.106	0.1017	0.0381	6	-0.60	3%	0
031.53	Phosphorus, ICP-MS, Microwave (%)	2055	1.119	0.0179	1.106	0.1017	0.0381	6	0.12	1%	0
031.53	Phosphorus, ICP-MS, Microwave (%)	0572	1.150	0.0800	1.106	0.1017	0.0381	6	0.43	2%	0
031.53	Phosphorus, ICP-MS, Microwave (%)	2066	2.180	0.0200	1.106	0.1017	0.0381	6	10.56	49%	0
031.99	Phosphorus, Miscellaneous (%)	0242	0.9650	0.0100				3			0
031.99	Phosphorus, Miscellaneous (%)	0100	0.9800	0.0200				3			0
031.99	Phosphorus, Miscellaneous (%)	0676	1.015	0.0100				3			0
031.99	Phosphorus, Miscellaneous (%)	0889	0.6550	0.0100				3			2
032.31	Potassium, AAS, Dry ash (%)	0563	0.9584	0.0090	1.106	0.0921	0.0222	9	-1.60	7%	0
032.31	Potassium, AAS, Dry ash (%)	0529	1.000	0.0600	1.106	0.0921	0.0222	9	-1.15	5%	0
032.31	Potassium, AAS, Dry ash (%)	0536	1.060	0.0200	1.106	0.0921	0.0222	9	-0.50	2%	0
032.31	Potassium, AAS, Dry ash (%)	0629	1.125	0.0100	1.106	0.0921	0.0222	9	0.21	1%	0
032.31	Potassium, AAS, Dry ash (%)	0939	1.140	0.0000	1.106	0.0921	0.0222	9	0.37	2%	0
032.31	Potassium, AAS, Dry ash (%)	0208	1.140	0.0600	1.106	0.0921	0.0222	9	0.37	2%	0
032.31	Potassium, AAS, Dry ash (%)	0142	1.144	0.0107	1.106	0.0921	0.0222	9	0.42	2%	0
032.31	Potassium, AAS, Dry ash (%)	0948	1.150	0.0200	1.106	0.0921	0.0222	9	0.48	2%	0
032.31	Potassium, AAS, Dry ash (%)	0175	1.225	0.0100	1.106	0.0921	0.0222	9	1.30	5%	0
032.41	Potassium, ICP, Dry ash (%)	0910	1.020	0.0200	1.116	0.0411	0.0287	21	-2.34	4%	0
032.41	Potassium, ICP, Dry ash (%)	0358	1.060	0.0800	1.116	0.0411	0.0287	21	-1.37	3%	0
032.41	Potassium, ICP, Dry ash (%)	0019	1.070	0.0200	1.116	0.0411	0.0287	21	-1.12	2%	0
032.41	Potassium, ICP, Dry ash (%)	0619	1.070	0.0200	1.116	0.0411	0.0287	21	-1.12	2%	0
032.41	Potassium, ICP, Dry ash (%)	0123	1.080	0.0400	1.116	0.0411	0.0287	21	-0.88	2%	0
032.41	Potassium, ICP, Dry ash (%)	0229	1.080	0.0800	1.116	0.0411	0.0287	21	-0.88	2%	0
032.41	Potassium, ICP, Dry ash (%)	0208	1.087	0.0880	1.116	0.0411	0.0287	21	-0.71	1%	0
032.41	Potassium, ICP, Dry ash (%)	0144	1.095	0.0100	1.116	0.0411	0.0287	21	-0.52	1%	0
032.41	Potassium, ICP, Dry ash (%)	0148	1.115	0.0100	1.116	0.0411	0.0287	21	-0.03	0%	0
032.41	Potassium, ICP, Dry ash (%)	0049	1.120	0.0200	1.116	0.0411	0.0287	21	0.09	0%	0
032.41	Potassium, ICP, Dry ash (%)	0598	1.131	0.0040	1.116	0.0411	0.0287	21	0.36	1%	0
032.41	Potassium, ICP, Dry ash (%)	0074	1.135	0.0300	1.116	0.0411	0.0287	21	0.46	1%	0
032.41	Potassium, ICP, Dry ash (%)	0653	1.137	0.0020	1.116	0.0411	0.0287	21	0.51	1%	0
032.41	Potassium, ICP, Dry ash (%)	0171	1.140	0.0200	1.116	0.0411	0.0287	21	0.58	1%	0
032.41	Potassium, ICP, Dry ash (%)	0098	1.140	0.0600	1.116	0.0411	0.0287	21	0.58	1%	0
032.41	Potassium, ICP, Dry ash (%)	0520	1.145	0.0100	1.116	0.0411	0.0287	21	0.70	1%	0
032.41	Potassium, ICP, Dry ash (%)	0964	1.151	0.0018	1.116	0.0411	0.0287	21	0.84	2%	0
032.41	Potassium, ICP, Dry ash (%)	0407	1.152	0.0482	1.116	0.0411	0.0287	21	0.87	2%	0
032.41	Potassium, ICP, Dry ash (%)	0066	1.153	0.0080	1.116	0.0411	0.0287	21	0.90	2%	0
032.41	Potassium, ICP, Dry ash (%)	0226	1.160	0.0000	1.116	0.0411	0.0287	21	1.07	2%	0

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032.41	Potassium, ICP, Dry ash (%)	0413	1.165	0.0300	1.116	0.0411	0.0287	21	1.19	2%	0
032.42	Potassium, ICP, Open vessel (%)	0278	0.8350	0.0300	1.129	0.0662	0.0214	13	-4.44	13%	0
032.42	Potassium, ICP, Open vessel (%)	2129	1.046	0.0040	1.129	0.0662	0.0214	13	-1.26	4%	0
032.42	Potassium, ICP, Open vessel (%)	0870	1.078	0.0280	1.129	0.0662	0.0214	13	-0.77	2%	0
032.42	Potassium, ICP, Open vessel (%)	0263	1.101	0.0056	1.129	0.0662	0.0214	13	-0.42	1%	0
032.42	Potassium, ICP, Open vessel (%)	0045	1.105	0.0300	1.129	0.0662	0.0214	13	-0.36	1%	0
032.42	Potassium, ICP, Open vessel (%)	0265	1.120	0.0200	1.129	0.0662	0.0214	13	-0.14	0%	0
032.42	Potassium, ICP, Open vessel (%)	0042	1.125	0.0100	1.129	0.0662	0.0214	13	-0.06	0%	0
032.42	Potassium, ICP, Open vessel (%)	0357	1.130	0.0136	1.129	0.0662	0.0214	13	0.01	0%	0
032.42	Potassium, ICP, Open vessel (%)	0035	1.155	0.0100	1.129	0.0662	0.0214	13	0.39	1%	0
032.42	Potassium, ICP, Open vessel (%)	0693	1.182	0.0530	1.129	0.0662	0.0214	13	0.79	2%	0
032.42	Potassium, ICP, Open vessel (%)	0190	1.185	0.0500	1.129	0.0662	0.0214	13	0.84	2%	0
032.42	Potassium, ICP, Open vessel (%)	0037	1.202	0.0090	1.129	0.0662	0.0214	13	1.09	3%	0
032.42	Potassium, ICP, Open vessel (%)	0009	1.220	0.0146	1.129	0.0662	0.0214	13	1.37	4%	0
032.43	Potassium, ICP, Microwave (%)	2192	0.9800	0.0800	1.132	0.0600	0.0234	29	-2.53	7%	0
032.43	Potassium, ICP, Microwave (%)	2089	1.025	0.0100	1.132	0.0600	0.0234	29	-1.78	5%	0
032.43	Potassium, ICP, Microwave (%)	0870	1.040	0.0090	1.132	0.0600	0.0234	29	-1.54	4%	0
032.43	Potassium, ICP, Microwave (%)	0032	1.040	0.1000	1.132	0.0600	0.0234	29	-1.53	4%	0
032.43	Potassium, ICP, Microwave (%)	0425	1.040	0.0200	1.132	0.0600	0.0234	29	-1.53	4%	0
032.43	Potassium, ICP, Microwave (%)	0675	1.060	0.0000	1.132	0.0600	0.0234	29	-1.19	3%	0
032.43	Potassium, ICP, Microwave (%)	0083	1.085	0.0100	1.132	0.0600	0.0234	29	-0.78	2%	0
032.43	Potassium, ICP, Microwave (%)	0968	1.085	0.0100	1.132	0.0600	0.0234	29	-0.78	2%	0
032.43	Potassium, ICP, Microwave (%)	0555	1.135	0.0100	1.132	0.0600	0.0234	29	0.06	0%	0
032.43	Potassium, ICP, Microwave (%)	0345	1.135	0.0300	1.132	0.0600	0.0234	29	0.06	0%	0
032.43	Potassium, ICP, Microwave (%)	0682	1.140	0.0000	1.132	0.0600	0.0234	29	0.14	0%	0
032.43	Potassium, ICP, Microwave (%)	0964	1.142	0.0219	1.132	0.0600	0.0234	29	0.17	0%	0
032.43	Potassium, ICP, Microwave (%)	0098	1.145	0.0100	1.132	0.0600	0.0234	29	0.22	1%	0
032.43	Potassium, ICP, Microwave (%)	0202	1.145	0.0700	1.132	0.0600	0.0234	29	0.22	1%	0
032.43	Potassium, ICP, Microwave (%)	0297	1.145	0.0300	1.132	0.0600	0.0234	29	0.22	1%	0
032.43	Potassium, ICP, Microwave (%)	0353	1.145	0.0300	1.132	0.0600	0.0234	29	0.22	1%	0
032.43	Potassium, ICP, Microwave (%)	0036	1.146	0.0087	1.132	0.0600	0.0234	29	0.24	1%	0
032.43	Potassium, ICP, Microwave (%)	0035	1.150	0.0000	1.132	0.0600	0.0234	29	0.31	1%	0
032.43	Potassium, ICP, Microwave (%)	0918	1.154	0.0180	1.132	0.0600	0.0234	29	0.37	1%	0
032.43	Potassium, ICP, Microwave (%)	0629	1.155	0.0100	1.132	0.0600	0.0234	29	0.39	1%	0
032.43	Potassium, ICP, Microwave (%)	0610	1.165	0.0100	1.132	0.0600	0.0234	29	0.56	1%	0
032.43	Potassium, ICP, Microwave (%)	0043	1.168	0.0114	1.132	0.0600	0.0234	29	0.60	2%	0
032.43	Potassium, ICP, Microwave (%)	0512	1.169	0.0080	1.132	0.0600	0.0234	29	0.62	2%	0
032.43	Potassium, ICP, Microwave (%)	0010	1.170	0.0200	1.132	0.0600	0.0234	29	0.64	2%	0
032.43	Potassium, ICP, Microwave (%)	0505	1.175	0.0100	1.132	0.0600	0.0234	29	0.72	2%	0
032.43	Potassium, ICP, Microwave (%)	2326	1.185	0.0100	1.132	0.0600	0.0234	29	0.89	2%	0
032.43	Potassium, ICP, Microwave (%)	0668	1.190	0.0600	1.132	0.0600	0.0234	29	0.97	3%	0
032.43	Potassium, ICP, Microwave (%)	0017	1.197	0.0179	1.132	0.0600	0.0234	29	1.10	3%	0

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032.43	Potassium, ICP, Microwave (%)	0407	1.228	0.0550	1.132	0.0600	0.0234	29	1.61	4%	0
032.44	Potassium, ICP, Dry ash (%)	0160	1.140	0.0200				2			0
032.44	Potassium, ICP, Dry ash (%)	0164	1.155	0.0300				2			0
032.52	Potassium, ICP-MS, Open vessel (%)	0154	1.085	0.0022				3			0
032.52	Potassium, ICP-MS, Open vessel (%)	0560	1.123	0.0034				3			0
032.52	Potassium, ICP-MS, Open vessel (%)	0016	1.165	0.0300				3			0
032.53	Potassium, ICP-MS, Microwave (%)	2066	0.8000	0.0000	1.088	0.1742	0.0480	6	-1.65	13%	0
032.53	Potassium, ICP-MS, Microwave (%)	0407	1.024	0.0662	1.088	0.1742	0.0480	6	-0.37	3%	0
032.53	Potassium, ICP-MS, Microwave (%)	0939	1.105	0.0700	1.088	0.1742	0.0480	6	0.10	1%	0
032.53	Potassium, ICP-MS, Microwave (%)	0553	1.120	0.0000	1.088	0.1742	0.0480	6	0.19	1%	0
032.53	Potassium, ICP-MS, Microwave (%)	0572	1.170	0.1400	1.088	0.1742	0.0480	6	0.47	4%	0
032.53	Potassium, ICP-MS, Microwave (%)	2055	1.281	0.0120	1.088	0.1742	0.0480	6	1.11	9%	0
032.99	Potassium, Miscellaneous (%)	0001	0.8565	0.0350	1.053	0.1204	0.0230	5			0
032.99	Potassium, Miscellaneous (%)	0100	1.060	0.0000	1.053	0.1204	0.0230	5			0
032.99	Potassium, Miscellaneous (%)	0590	1.075	0.0500	1.053	0.1204	0.0230	5			0
032.99	Potassium, Miscellaneous (%)	0242	1.090	0.0200	1.053	0.1204	0.0230	5			0
032.99	Potassium, Miscellaneous (%)	0889	1.185	0.0100	1.053	0.1204	0.0230	5			0
033.00	Salt as chloride, Sol Cl (%)	0885	0.6902	0.0336	1.422	0.0841	0.0363	15	-8.70	26%	0
033.00	Salt as chloride, Sol Cl (%)	0171	1.230	0.0200	1.422	0.0841	0.0363	15	-2.28	7%	0
033.00	Salt as chloride, Sol Cl (%)	0511	1.300	0.0800	1.422	0.0841	0.0363	15	-1.45	4%	0
033.00	Salt as chloride, Sol Cl (%)	0921	1.412	0.0480	1.422	0.0841	0.0363	15	-0.12	0%	0
033.00	Salt as chloride, Sol Cl (%)	0123	1.415	0.0300	1.422	0.0841	0.0363	15	-0.08	0%	0
033.00	Salt as chloride, Sol Cl (%)	0353	1.415	0.0100	1.422	0.0841	0.0363	15	-0.08	0%	0
033.00	Salt as chloride, Sol Cl (%)	2009	1.417	0.0013	1.422	0.0841	0.0363	15	-0.06	0%	0
033.00	Salt as chloride, Sol Cl (%)	0309	1.431	0.0330	1.422	0.0841	0.0363	15	0.10	0%	0
033.00	Salt as chloride, Sol Cl (%)	0881	1.444	0.0060	1.422	0.0841	0.0363	15	0.26	1%	0
033.00	Salt as chloride, Sol Cl (%)	0675	1.450	0.0800	1.422	0.0841	0.0363	15	0.34	1%	0
033.00	Salt as chloride, Sol Cl (%)	2196	1.450	0.0000	1.422	0.0841	0.0363	15	0.34	1%	0
033.00	Salt as chloride, Sol Cl (%)	0693	1.468	0.0330	1.422	0.0841	0.0363	15	0.54	2%	0
033.00	Salt as chloride, Sol Cl (%)	0045	1.480	0.1000	1.422	0.0841	0.0363	15	0.69	2%	0
033.00	Salt as chloride, Sol Cl (%)	0298	1.520	0.0200	1.422	0.0841	0.0363	15	1.17	3%	0
033.00	Salt as chloride, Sol Cl (%)	0539	1.535	0.0500	1.422	0.0841	0.0363	15	1.35	4%	0
033.01	Salt as chloride, Poten Cl (%)	0682	0.4300	0.0000	1.444	0.0463	0.0264	25	-21.88	35%	0
033.01	Salt as chloride, Poten Cl (%)	0619	1.360	0.0000	1.444	0.0463	0.0264	25	-1.81	3%	0
033.01	Salt as chloride, Poten Cl (%)	0425	1.375	0.0300	1.444	0.0463	0.0264	25	-1.49	2%	0
033.01	Salt as chloride, Poten Cl (%)	0019	1.390	0.0800	1.444	0.0463	0.0264	25	-1.17	2%	0
033.01	Salt as chloride, Poten Cl (%)	2109	1.411	0.0190	1.444	0.0463	0.0264	25	-0.72	1%	0
033.01	Salt as chloride, Poten Cl (%)	0083	1.415	0.0100	1.444	0.0463	0.0264	25	-0.63	1%	0
033.01	Salt as chloride, Poten Cl (%)	0226	1.425	0.0500	1.444	0.0463	0.0264	25	-0.41	1%	0
033.01	Salt as chloride, Poten Cl (%)	0098	1.430	0.0000	1.444	0.0463	0.0264	25	-0.30	0%	0
033.01	Salt as chloride, Poten Cl (%)	0413	1.430	0.0000	1.444	0.0463	0.0264	25	-0.30	0%	0
033.01	Salt as chloride, Poten Cl (%)	0164	1.435	0.0100	1.444	0.0463	0.0264	25	-0.19	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
033.01	Salt as chloride, Poten Cl (%)	0242	1.435	0.0100	1.444	0.0463	0.0264	25	-0.19	0%	0
033.01	Salt as chloride, Poten Cl (%)	0590	1.435	0.0300	1.444	0.0463	0.0264	25	-0.19	0%	0
033.01	Salt as chloride, Poten Cl (%)	0683	1.435	0.0100	1.444	0.0463	0.0264	25	-0.19	0%	0
033.01	Salt as chloride, Poten Cl (%)	0948	1.450	0.0000	1.444	0.0463	0.0264	25	0.13	0%	0
033.01	Salt as chloride, Poten Cl (%)	0001	1.455	0.0100	1.444	0.0463	0.0264	25	0.24	0%	0
033.01	Salt as chloride, Poten Cl (%)	2268	1.455	0.0300	1.444	0.0463	0.0264	25	0.24	0%	0
033.01	Salt as chloride, Poten Cl (%)	0148	1.460	0.0400	1.444	0.0463	0.0264	25	0.35	1%	0
033.01	Salt as chloride, Poten Cl (%)	0629	1.470	0.0200	1.444	0.0463	0.0264	25	0.56	1%	0
033.01	Salt as chloride, Poten Cl (%)	0407	1.474	0.0010	1.444	0.0463	0.0264	25	0.64	1%	0
033.01	Salt as chloride, Poten Cl (%)	0175	1.475	0.0500	1.444	0.0463	0.0264	25	0.67	1%	0
033.01	Salt as chloride, Poten Cl (%)	0939	1.475	0.0100	1.444	0.0463	0.0264	25	0.67	1%	0
033.01	Salt as chloride, Poten Cl (%)	0100	1.485	0.0300	1.444	0.0463	0.0264	25	0.88	1%	0
033.01	Salt as chloride, Poten Cl (%)	0229	1.510	0.0400	1.444	0.0463	0.0264	25	1.42	2%	0
033.01	Salt as chloride, Poten Cl (%)	0003	1.550	0.1000	1.444	0.0463	0.0264	25	2.29	4%	0
033.01	Salt as chloride, Poten Cl (%)	0278	2.120	0.0800	1.444	0.0463	0.0264	25	14.59	23%	0
033.01	Salt as chloride, Poten Cl (%)	0010	1.340	0.2200	1.444	0.0463	0.0264	25	-2.24	4%	1
033.03	Salt as chloride, Quantab (%)	0190	1.220	0.0800	1.428	0.2066	0.1050	4			0
033.03	Salt as chloride, Quantab (%)	0265	1.280	0.0400	1.428	0.2066	0.1050	4			0
033.03	Salt as chloride, Quantab (%)	0505	1.595	0.1500	1.428	0.2066	0.1050	4			0
033.03	Salt as chloride, Quantab (%)	0144	1.615	0.1500	1.428	0.2066	0.1050	4			0
033.05	Salt as chloride, Ion Sel Electrode (%)	0689	1.335	0.0500				1			0
033.99	Salt, Miscellaneous (%)	0536	1.025	0.0100	1.377	0.0636	0.0484	11	-5.54	13%	0
033.99	Salt, Miscellaneous (%)	0910	1.310	0.1000	1.377	0.0636	0.0484	11	-1.06	2%	0
033.99	Salt, Miscellaneous (%)	0032	1.315	0.1300	1.377	0.0636	0.0484	11	-0.98	2%	0
033.99	Salt, Miscellaneous (%)	0017	1.354	0.0009	1.377	0.0636	0.0484	11	-0.36	1%	0
033.99	Salt, Miscellaneous (%)	2129	1.377	0.0720	1.377	0.0636	0.0484	11	0.00	0%	0
033.99	Salt, Miscellaneous (%)	0650	1.380	0.0400	1.377	0.0636	0.0484	11	0.05	0%	0
033.99	Salt, Miscellaneous (%)	2073	1.410	0.0400	1.377	0.0636	0.0484	11	0.52	1%	0
033.99	Salt, Miscellaneous (%)	0208	1.420	0.0200	1.377	0.0636	0.0484	11	0.67	2%	0
033.99	Salt, Miscellaneous (%)	0358	1.420	0.0600	1.377	0.0636	0.0484	11	0.67	2%	0
033.99	Salt, Miscellaneous (%)	2181	1.420	0.0400	1.377	0.0636	0.0484	11	0.67	2%	0
033.99	Salt, Miscellaneous (%)	2326	1.460	0.0200	1.377	0.0636	0.0484	11	1.30	3%	0
034.04	Selenium, AA, Hydride (ppm)	0171	1.263	0.0260				3			0
034.04	Selenium, AA, Hydride (ppm)	0512	1.422	0.0910				3			0
034.04	Selenium, AA, Hydride (ppm)	0563	1.491	0.0967				3			0
034.04	Selenium, AA, Hydride (ppm)	0045	1.355	0.4700				3			1
034.41	Selenium, ICP, Dry ash (ppm)	0148	1.225	0.1900				2			0
034.41	Selenium, ICP, Dry ash (ppm)	0619	1.340	0.2200				2			0
034.43	Selenium, ICP, Microwave (ppm)	0066	1.683	0.1050				3			0
034.43	Selenium, ICP, Microwave (ppm)	0968	1.741	0.0730				3			0
034.43	Selenium, ICP, Microwave (ppm)	0964	2.305	0.0100				3			0
034.43	Selenium, ICP, Microwave (ppm)	0682	< 5					3			5

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
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034.52	Selenium, ICP-MS, Open vessel (ppm)	0047	1.145	0.2300	1.439	0.2208	0.0825	4			0
034.52	Selenium, ICP-MS, Open vessel (ppm)	0910	1.400	0.0000	1.439	0.2208	0.0825	4			0
034.52	Selenium, ICP-MS, Open vessel (ppm)	0016	1.565	0.0700	1.439	0.2208	0.0825	4			0
034.52	Selenium, ICP-MS, Open vessel (ppm)	0208	1.645	0.0300	1.439	0.2208	0.0825	4			0
034.53	Selenium, ICP-MS, Microwave (ppm)	0610	1.240	0.0200	1.545	0.1588	0.0831	9	-1.92	10%	0
034.53	Selenium, ICP-MS, Microwave (ppm)	2055	1.380	0.1200	1.545	0.1588	0.0831	9	-1.04	5%	0
034.53	Selenium, ICP-MS, Microwave (ppm)	0560	1.480	0.0420	1.545	0.1588	0.0831	9	-0.41	2%	0
034.53	Selenium, ICP-MS, Microwave (ppm)	0918	1.503	0.2015	1.545	0.1588	0.0831	9	-0.26	1%	0
034.53	Selenium, ICP-MS, Microwave (ppm)	0555	1.565	0.0100	1.545	0.1588	0.0831	9	0.13	1%	0
034.53	Selenium, ICP-MS, Microwave (ppm)	0032	1.600	0.2000	1.545	0.1588	0.0831	9	0.35	2%	0
034.53	Selenium, ICP-MS, Microwave (ppm)	0407	1.673	0.1240	1.545	0.1588	0.0831	9	0.81	4%	0
034.53	Selenium, ICP-MS, Microwave (ppm)	0003	1.697	0.0100	1.545	0.1588	0.0831	9	0.96	5%	0
034.53	Selenium, ICP-MS, Microwave (ppm)	0939	1.700	0.0200	1.545	0.1588	0.0831	9	0.98	5%	0
034.53	Selenium, ICP-MS, Microwave (ppm)	2066	0.8550	0.7900	1.545	0.1588	0.0831	9	-4.34	22%	1
034.99	Selenium, Miscellaneous (ppm)	0190	1.365	0.0300				1			0
035.01	Sodium, Ion-selective electrode (%)	2109	0.5305	0.0090				1			0
035.05	Sodium, Flame Emission (%)	0108	0.5000	0.0400				1			0
035.31	Sodium, AAS, Dry ash (%)	0536	0.4550	0.0100	0.5112	0.0360	0.0111	10	-1.56	5%	0
035.31	Sodium, AAS, Dry ash (%)	0629	0.4750	0.0100	0.5112	0.0360	0.0111	10	-1.00	4%	0
035.31	Sodium, AAS, Dry ash (%)	2196	0.4900	0.0000	0.5112	0.0360	0.0111	10	-0.59	2%	0
035.31	Sodium, AAS, Dry ash (%)	0208	0.5025	0.0190	0.5112	0.0360	0.0111	10	-0.24	1%	0
035.31	Sodium, AAS, Dry ash (%)	0529	0.5085	0.0150	0.5112	0.0360	0.0111	10	-0.07	0%	0
035.31	Sodium, AAS, Dry ash (%)	0563	0.5210	0.0193	0.5112	0.0360	0.0111	10	0.27	1%	0
035.31	Sodium, AAS, Dry ash (%)	0939	0.5250	0.0100	0.5112	0.0360	0.0111	10	0.38	1%	0
035.31	Sodium, AAS, Dry ash (%)	0142	0.5253	0.0078	0.5112	0.0360	0.0111	10	0.39	1%	0
035.31	Sodium, AAS, Dry ash (%)	0948	0.5420	0.0100	0.5112	0.0360	0.0111	10	0.86	3%	0
035.31	Sodium, AAS, Dry ash (%)	0175	0.5750	0.0100	0.5112	0.0360	0.0111	10	1.77	6%	0
035.41	Sodium, ICP, Dry ash (%)	0910	0.4700	0.0000	0.5178	0.0244	0.0143	20	-1.96	5%	0
035.41	Sodium, ICP, Dry ash (%)	0619	0.4780	0.0000	0.5178	0.0244	0.0143	20	-1.63	4%	0
035.41	Sodium, ICP, Dry ash (%)	0298	0.4900	0.0200	0.5178	0.0244	0.0143	20	-1.14	3%	0
035.41	Sodium, ICP, Dry ash (%)	0148	0.4970	0.0300	0.5178	0.0244	0.0143	20	-0.86	2%	0
035.41	Sodium, ICP, Dry ash (%)	0171	0.5000	0.0000	0.5178	0.0244	0.0143	20	-0.73	2%	0
035.41	Sodium, ICP, Dry ash (%)	0049	0.5100	0.0000	0.5178	0.0244	0.0143	20	-0.32	1%	0
035.41	Sodium, ICP, Dry ash (%)	0229	0.5100	0.0200	0.5178	0.0244	0.0143	20	-0.32	1%	0
035.41	Sodium, ICP, Dry ash (%)	0653	0.5105	0.0010	0.5178	0.0244	0.0143	20	-0.30	1%	0
035.41	Sodium, ICP, Dry ash (%)	0019	0.5150	0.0100	0.5178	0.0244	0.0143	20	-0.12	0%	0
035.41	Sodium, ICP, Dry ash (%)	0098	0.5150	0.0300	0.5178	0.0244	0.0143	20	-0.12	0%	0
035.41	Sodium, ICP, Dry ash (%)	0520	0.5164	0.0229	0.5178	0.0244	0.0143	20	-0.06	0%	0
035.41	Sodium, ICP, Dry ash (%)	0407	0.5233	0.0152	0.5178	0.0244	0.0143	20	0.22	1%	0
035.41	Sodium, ICP, Dry ash (%)	0144	0.5250	0.0100	0.5178	0.0244	0.0143	20	0.29	1%	0
035.41	Sodium, ICP, Dry ash (%)	0598	0.5274	0.0002	0.5178	0.0244	0.0143	20	0.39	1%	0
035.41	Sodium, ICP, Dry ash (%)	0413	0.5300	0.0400	0.5178	0.0244	0.0143	20	0.50	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
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035.41	Sodium, ICP, Dry ash (%)	0164	0.5310	0.0220	0.5178	0.0244	0.0143	20	0.54	1%	0
035.41	Sodium, ICP, Dry ash (%)	0123	0.5400	0.0000	0.5178	0.0244	0.0143	20	0.91	2%	0
035.41	Sodium, ICP, Dry ash (%)	0226	0.5450	0.0100	0.5178	0.0244	0.0143	20	1.11	3%	0
035.41	Sodium, ICP, Dry ash (%)	0358	0.5600	0.0200	0.5178	0.0244	0.0143	20	1.73	4%	0
035.41	Sodium, ICP, Dry ash (%)	0964	0.5632	0.0347	0.5178	0.0244	0.0143	20	1.86	4%	0
035.41	Sodium, ICP, Dry ash (%)	2259	1.384	0.0570	0.5178	0.0244	0.0143	20	35.51	84%	2
035.42	Sodium, ICP, Open vessel (%)	2129	0.4890	0.0196	0.5197	0.0227	0.0090	12	-1.35	3%	0
035.42	Sodium, ICP, Open vessel (%)	0042	0.4965	0.0070	0.5197	0.0227	0.0090	12	-1.02	2%	0
035.42	Sodium, ICP, Open vessel (%)	0190	0.5050	0.0100	0.5197	0.0227	0.0090	12	-0.65	1%	0
035.42	Sodium, ICP, Open vessel (%)	0265	0.5050	0.0100	0.5197	0.0227	0.0090	12	-0.65	1%	0
035.42	Sodium, ICP, Open vessel (%)	0357	0.5134	0.0076	0.5197	0.0227	0.0090	12	-0.28	1%	0
035.42	Sodium, ICP, Open vessel (%)	0263	0.5153	0.0046	0.5197	0.0227	0.0090	12	-0.19	0%	0
035.42	Sodium, ICP, Open vessel (%)	0045	0.5155	0.0290	0.5197	0.0227	0.0090	12	-0.19	0%	0
035.42	Sodium, ICP, Open vessel (%)	0870	0.5257	0.0047	0.5197	0.0227	0.0090	12	0.26	1%	0
035.42	Sodium, ICP, Open vessel (%)	0693	0.5325	0.0150	0.5197	0.0227	0.0090	12	0.56	1%	0
035.42	Sodium, ICP, Open vessel (%)	0035	0.5400	0.0000	0.5197	0.0227	0.0090	12	0.89	2%	0
035.42	Sodium, ICP, Open vessel (%)	0037	0.5450	0.0000	0.5197	0.0227	0.0090	12	1.11	2%	0
035.42	Sodium, ICP, Open vessel (%)	0278	0.7200	0.0000	0.5197	0.0227	0.0090	12	8.83	19%	0
035.43	Sodium, ICP, Microwave (%)	2192	0.4300	0.0200	0.5235	0.0217	0.0101	22	-4.30	9%	0
035.43	Sodium, ICP, Microwave (%)	0629	0.4750	0.0100	0.5235	0.0217	0.0101	22	-2.23	5%	0
035.43	Sodium, ICP, Microwave (%)	0682	0.5000	0.0000	0.5235	0.0217	0.0101	22	-1.08	2%	0
035.43	Sodium, ICP, Microwave (%)	0353	0.5022	0.0127	0.5235	0.0217	0.0101	22	-0.98	2%	0
035.43	Sodium, ICP, Microwave (%)	0297	0.5100	0.0000	0.5235	0.0217	0.0101	22	-0.62	1%	0
035.43	Sodium, ICP, Microwave (%)	0610	0.5100	0.0000	0.5235	0.0217	0.0101	22	-0.62	1%	0
035.43	Sodium, ICP, Microwave (%)	0675	0.5100	0.0200	0.5235	0.0217	0.0101	22	-0.62	1%	0
035.43	Sodium, ICP, Microwave (%)	0345	0.5115	0.0030	0.5235	0.0217	0.0101	22	-0.55	1%	0
035.43	Sodium, ICP, Microwave (%)	0870	0.5128	0.0191	0.5235	0.0217	0.0101	22	-0.49	1%	0
035.43	Sodium, ICP, Microwave (%)	0918	0.5245	0.0190	0.5235	0.0217	0.0101	22	0.05	0%	0
035.43	Sodium, ICP, Microwave (%)	0098	0.5250	0.0100	0.5235	0.0217	0.0101	22	0.07	0%	0
035.43	Sodium, ICP, Microwave (%)	2089	0.5250	0.0100	0.5235	0.0217	0.0101	22	0.07	0%	0
035.43	Sodium, ICP, Microwave (%)	0035	0.5300	0.0000	0.5235	0.0217	0.0101	22	0.30	1%	0
035.43	Sodium, ICP, Microwave (%)	0083	0.5300	0.0000	0.5235	0.0217	0.0101	22	0.30	1%	0
035.43	Sodium, ICP, Microwave (%)	0017	0.5328	0.0004	0.5235	0.0217	0.0101	22	0.43	1%	0
035.43	Sodium, ICP, Microwave (%)	0202	0.5345	0.0150	0.5235	0.0217	0.0101	22	0.51	1%	0
035.43	Sodium, ICP, Microwave (%)	0964	0.5373	0.0028	0.5235	0.0217	0.0101	22	0.64	1%	0
035.43	Sodium, ICP, Microwave (%)	0555	0.5380	0.0100	0.5235	0.0217	0.0101	22	0.67	1%	0
035.43	Sodium, ICP, Microwave (%)	2340	0.5390	0.0040	0.5235	0.0217	0.0101	22	0.71	1%	0
035.43	Sodium, ICP, Microwave (%)	0668	0.5520	0.0140	0.5235	0.0217	0.0101	22	1.31	3%	0
035.43	Sodium, ICP, Microwave (%)	2326	0.5550	0.0300	0.5235	0.0217	0.0101	22	1.45	3%	0
035.43	Sodium, ICP, Microwave (%)	0407	0.5556	0.0220	0.5235	0.0217	0.0101	22	1.48	3%	0
035.43	Sodium, ICP, Microwave (%)	0425	0.5800	0.0600	0.5235	0.0217	0.0101	22	2.60	5%	1
035.52	Sodium, ICP-MS, Open vessel (%)	0560	0.5203	0.0312				2			0



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035.52	Sodium, ICP-MS, Open vessel (%)	0154	0.5510	0.0006				2			0
035.53	Sodium, ICP-MS, Microwave (%)	2066	0.3600	0.0000	0.5019	0.0900	0.0339	6	-1.58	14%	0
035.53	Sodium, ICP-MS, Microwave (%)	0407	0.4834	0.0468	0.5019	0.0900	0.0339	6	-0.21	2%	0
035.53	Sodium, ICP-MS, Microwave (%)	0939	0.5050	0.0500	0.5019	0.0900	0.0339	6	0.03	0%	0
035.53	Sodium, ICP-MS, Microwave (%)	0572	0.5110	0.0880	0.5019	0.0900	0.0339	6	0.10	1%	0
035.53	Sodium, ICP-MS, Microwave (%)	0553	0.5350	0.0160	0.5019	0.0900	0.0339	6	0.37	3%	0
035.53	Sodium, ICP-MS, Microwave (%)	2055	0.6103	0.0028	0.5019	0.0900	0.0339	6	1.20	11%	0
035.99	Sodium, Miscellaneous (%)	0889	0.0900	0.0000	0.5954	0.4728	0.0148	5			0
035.99	Sodium, Miscellaneous (%)	0242	0.4750	0.0100	0.5954	0.4728	0.0148	5			0
035.99	Sodium, Miscellaneous (%)	0100	0.4950	0.0100	0.5954	0.4728	0.0148	5			0
035.99	Sodium, Miscellaneous (%)	0590	0.5400	0.0200	0.5954	0.4728	0.0148	5			0
035.99	Sodium, Miscellaneous (%)	0027	1.377	0.0340	0.5954	0.4728	0.0148	5			0
036.04	Sulfur, LECO (%)	0226	0.3000	0.0000				2			0
036.04	Sulfur, LECO (%)	0148	0.3430	0.0060				2			0
036.42	Sulfur, ICP, Open vessel (%)	0870	0.2540	0.0033	0.3077	0.0307	0.0104	15	-1.75	9%	0
036.42	Sulfur, ICP, Open vessel (%)	2129	0.2656	0.0110	0.3077	0.0307	0.0104	15	-1.37	7%	0
036.42	Sulfur, ICP, Open vessel (%)	0910	0.2689	0.0056	0.3077	0.0307	0.0104	15	-1.26	6%	0
036.42	Sulfur, ICP, Open vessel (%)	0042	0.2950	0.0220	0.3077	0.0307	0.0104	15	-0.41	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0045	0.2980	0.0200	0.3077	0.0307	0.0104	15	-0.32	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0035	0.3000	0.0000	0.3077	0.0307	0.0104	15	-0.25	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0357	0.3041	0.0102	0.3077	0.0307	0.0104	15	-0.12	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0407	0.3148	0.0068	0.3077	0.0307	0.0104	15	0.23	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0693	0.3185	0.0230	0.3077	0.0307	0.0104	15	0.35	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0164	0.3200	0.0000	0.3077	0.0307	0.0104	15	0.40	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0265	0.3200	0.0200	0.3077	0.0307	0.0104	15	0.40	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0278	0.3200	0.0200	0.3077	0.0307	0.0104	15	0.40	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0190	0.3350	0.0100	0.3077	0.0307	0.0104	15	0.89	4%	0
036.42	Sulfur, ICP, Open vessel (%)	0171	0.3400	0.0000	0.3077	0.0307	0.0104	15	1.05	5%	0
036.42	Sulfur, ICP, Open vessel (%)	0037	0.3820	0.0040	0.3077	0.0307	0.0104	15	2.42	12%	0
036.43	Sulfur, ICP, Microwave (%)	0870	0.2625	0.0079	0.3233	0.0180	0.0077	19	-3.39	9%	0
036.43	Sulfur, ICP, Microwave (%)	0297	0.3000	0.0000	0.3233	0.0180	0.0077	19	-1.30	4%	0
036.43	Sulfur, ICP, Microwave (%)	2326	0.3000	0.0000	0.3233	0.0180	0.0077	19	-1.30	4%	0
036.43	Sulfur, ICP, Microwave (%)	0083	0.3100	0.0000	0.3233	0.0180	0.0077	19	-0.74	2%	0
036.43	Sulfur, ICP, Microwave (%)	0353	0.3100	0.0200	0.3233	0.0180	0.0077	19	-0.74	2%	0
036.43	Sulfur, ICP, Microwave (%)	2089	0.3100	0.0000	0.3233	0.0180	0.0077	19	-0.74	2%	0
036.43	Sulfur, ICP, Microwave (%)	0629	0.3150	0.0100	0.3233	0.0180	0.0077	19	-0.46	1%	0
036.43	Sulfur, ICP, Microwave (%)	0555	0.3172	0.0007	0.3233	0.0180	0.0077	19	-0.34	1%	0
036.43	Sulfur, ICP, Microwave (%)	0345	0.3235	0.0030	0.3233	0.0180	0.0077	19	0.01	0%	0
036.43	Sulfur, ICP, Microwave (%)	0964	0.3261	0.0073	0.3233	0.0180	0.0077	19	0.15	0%	0
036.43	Sulfur, ICP, Microwave (%)	0035	0.3300	0.0000	0.3233	0.0180	0.0077	19	0.37	1%	0
036.43	Sulfur, ICP, Microwave (%)	0682	0.3300	0.0000	0.3233	0.0180	0.0077	19	0.37	1%	0
036.43	Sulfur, ICP, Microwave (%)	0202	0.3330	0.0040	0.3233	0.0180	0.0077	19	0.54	2%	0

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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
036.43	Sulfur, ICP, Microwave (%)	0010	0.3350	0.0100	0.3233	0.0180	0.0077	19	0.65	2%	0
036.43	Sulfur, ICP, Microwave (%)	0668	0.3360	0.0160	0.3233	0.0180	0.0077	19	0.71	2%	0
036.43	Sulfur, ICP, Microwave (%)	0098	0.3369	0.0137	0.3233	0.0180	0.0077	19	0.76	2%	0
036.43	Sulfur, ICP, Microwave (%)	0918	0.3405	0.0110	0.3233	0.0180	0.0077	19	0.96	3%	0
036.43	Sulfur, ICP, Microwave (%)	0407	0.3426	0.0134	0.3233	0.0180	0.0077	19	1.08	3%	0
036.43	Sulfur, ICP, Microwave (%)	0032	0.3550	0.0300	0.3233	0.0180	0.0077	19	1.77	5%	0
036.53	Sulfur, ICP-MS, Microwave (%)	2066	0.2050	0.0300				2			0
036.53	Sulfur, ICP-MS, Microwave (%)	0553	0.3095	0.0070				2			0
036.99	Sulfur, Miscellaneous (%)	0889	0.2500	0.0000				2			0
036.99	Sulfur, Miscellaneous (%)	0242	0.3000	0.0000				2			0
037.31	Zinc, AAS, Dry ash (ppm)	0001	188.5	0.2000	424.3	25.28	5.878	11	-9.33	28%	0
037.31	Zinc, AAS, Dry ash (ppm)	2188	405.2	0.9900	424.3	25.28	5.878	11	-0.76	2%	0
037.31	Zinc, AAS, Dry ash (ppm)	0689	408.8	6.700	424.3	25.28	5.878	11	-0.62	2%	0
037.31	Zinc, AAS, Dry ash (ppm)	0629	410.0	6.000	424.3	25.28	5.878	11	-0.57	2%	0
037.31	Zinc, AAS, Dry ash (ppm)	0529	410.5	3.300	424.3	25.28	5.878	11	-0.55	2%	0
037.31	Zinc, AAS, Dry ash (ppm)	0536	425.4	3.850	424.3	25.28	5.878	11	0.04	0%	0
037.31	Zinc, AAS, Dry ash (ppm)	0175	432.0	0.0000	424.3	25.28	5.878	11	0.30	1%	0
037.31	Zinc, AAS, Dry ash (ppm)	0939	437.0	13.92	424.3	25.28	5.878	11	0.50	1%	0
037.31	Zinc, AAS, Dry ash (ppm)	0563	442.8	15.98	424.3	25.28	5.878	11	0.73	2%	0
037.31	Zinc, AAS, Dry ash (ppm)	2196	447.2	0.0000	424.3	25.28	5.878	11	0.91	3%	0
037.31	Zinc, AAS, Dry ash (ppm)	0651	475.9	13.72	424.3	25.28	5.878	11	2.04	6%	0
037.31	Zinc, AAS, Dry ash (ppm)	0208	477.5	57.00	424.3	25.28	5.878	11	2.10	6%	1
037.33	Zinc, AAS, Microwave (ppm)	0010	440.0	20.00				2			0
037.33	Zinc, AAS, Microwave (ppm)	0948	442.3	8.650				2			0
037.41	Zinc, ICP, Dry ash (ppm)	0653	370.7	8.200	430.1	32.96	16.10	17	-1.80	7%	0
037.41	Zinc, ICP, Dry ash (ppm)	0226	379.0	4.980	430.1	32.96	16.10	17	-1.55	6%	0
037.41	Zinc, ICP, Dry ash (ppm)	0910	390.0	30.00	430.1	32.96	16.10	17	-1.22	5%	0
037.41	Zinc, ICP, Dry ash (ppm)	0098	406.4	4.000	430.1	32.96	16.10	17	-0.72	3%	0
037.41	Zinc, ICP, Dry ash (ppm)	0148	409.0	5.473	430.1	32.96	16.10	17	-0.64	2%	0
037.41	Zinc, ICP, Dry ash (ppm)	0619	418.4	8.769	430.1	32.96	16.10	17	-0.36	1%	0
037.41	Zinc, ICP, Dry ash (ppm)	0049	426.5	20.36	430.1	32.96	16.10	17	-0.11	0%	0
037.41	Zinc, ICP, Dry ash (ppm)	0208	431.8	12.60	430.1	32.96	16.10	17	0.05	0%	0
037.41	Zinc, ICP, Dry ash (ppm)	0520	434.0	8.000	430.1	32.96	16.10	17	0.12	0%	0
037.41	Zinc, ICP, Dry ash (ppm)	0019	442.0	12.27	430.1	32.96	16.10	17	0.36	1%	0
037.41	Zinc, ICP, Dry ash (ppm)	0407	445.0	18.07	430.1	32.96	16.10	17	0.45	2%	0
037.41	Zinc, ICP, Dry ash (ppm)	0358	447.8	26.60	430.1	32.96	16.10	17	0.53	2%	0
037.41	Zinc, ICP, Dry ash (ppm)	0598	448.4	2.300	430.1	32.96	16.10	17	0.55	2%	0
037.41	Zinc, ICP, Dry ash (ppm)	0171	450.0	19.20	430.1	32.96	16.10	17	0.60	2%	0
037.41	Zinc, ICP, Dry ash (ppm)	0229	455.4	13.28	430.1	32.96	16.10	17	0.76	3%	0
037.41	Zinc, ICP, Dry ash (ppm)	0074	467.0	36.00	430.1	32.96	16.10	17	1.12	4%	0
037.41	Zinc, ICP, Dry ash (ppm)	0964	497.8	43.65	430.1	32.96	16.10	17	2.05	8%	0
037.42	Zinc, ICP, Open vessel (ppm)	0263	382.8	0.8900	447.0	41.64	18.03	14	-1.54	7%	0

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037.42	Zinc, ICP, Open vessel (ppm)	2129	392.7	10.50	447.0	41.64	18.03	14	-1.31	6%	0
037.42	Zinc, ICP, Open vessel (ppm)	0045	402.5	61.00	447.0	41.64	18.03	14	-1.07	5%	0
037.42	Zinc, ICP, Open vessel (ppm)	0009	417.0	0.0000	447.0	41.64	18.03	14	-0.72	3%	0
037.42	Zinc, ICP, Open vessel (ppm)	0357	431.7	0.8070	447.0	41.64	18.03	14	-0.37	2%	0
037.42	Zinc, ICP, Open vessel (ppm)	0693	443.2	50.52	447.0	41.64	18.03	14	-0.09	0%	0
037.42	Zinc, ICP, Open vessel (ppm)	0265	456.5	23.00	447.0	41.64	18.03	14	0.23	1%	0
037.42	Zinc, ICP, Open vessel (ppm)	0413	460.5	9.000	447.0	41.64	18.03	14	0.32	2%	0
037.42	Zinc, ICP, Open vessel (ppm)	0042	461.0	10.00	447.0	41.64	18.03	14	0.34	2%	0
037.42	Zinc, ICP, Open vessel (ppm)	0190	469.4	14.60	447.0	41.64	18.03	14	0.54	3%	0
037.42	Zinc, ICP, Open vessel (ppm)	0870	474.4	8.500	447.0	41.64	18.03	14	0.66	3%	0
037.42	Zinc, ICP, Open vessel (ppm)	0037	475.1	37.10	447.0	41.64	18.03	14	0.67	3%	0
037.42	Zinc, ICP, Open vessel (ppm)	0035	480.7	15.00	447.0	41.64	18.03	14	0.81	4%	0
037.42	Zinc, ICP, Open vessel (ppm)	0278	520.1	11.50	447.0	41.64	18.03	14	1.75	8%	0
037.43	Zinc, ICP, Microwave (ppm)	0610	411.5	11.00	450.0	20.19	10.81	27	-1.91	4%	0
037.43	Zinc, ICP, Microwave (ppm)	0682	420.5	0.0000	450.0	20.19	10.81	27	-1.46	3%	0
037.43	Zinc, ICP, Microwave (ppm)	0629	422.5	3.000	450.0	20.19	10.81	27	-1.36	3%	0
037.43	Zinc, ICP, Microwave (ppm)	0512	427.8	9.400	450.0	20.19	10.81	27	-1.10	2%	0
037.43	Zinc, ICP, Microwave (ppm)	0345	429.0	6.000	450.0	20.19	10.81	27	-1.04	2%	0
037.43	Zinc, ICP, Microwave (ppm)	0918	430.1	16.04	450.0	20.19	10.81	27	-0.99	2%	0
037.43	Zinc, ICP, Microwave (ppm)	0964	432.0	20.00	450.0	20.19	10.81	27	-0.89	2%	0
037.43	Zinc, ICP, Microwave (ppm)	0668	443.5	15.00	450.0	20.19	10.81	27	-0.32	1%	0
037.43	Zinc, ICP, Microwave (ppm)	2089	444.7	3.080	450.0	20.19	10.81	27	-0.26	1%	0
037.43	Zinc, ICP, Microwave (ppm)	0098	445.6	16.50	450.0	20.19	10.81	27	-0.22	0%	0
037.43	Zinc, ICP, Microwave (ppm)	0675	446.3	1.170	450.0	20.19	10.81	27	-0.18	0%	0
037.43	Zinc, ICP, Microwave (ppm)	0425	446.8	3.200	450.0	20.19	10.81	27	-0.16	0%	0
037.43	Zinc, ICP, Microwave (ppm)	0297	449.0	4.000	450.0	20.19	10.81	27	-0.05	0%	0
037.43	Zinc, ICP, Microwave (ppm)	0083	450.0	2.000	450.0	20.19	10.81	27	0.00	0%	0
037.43	Zinc, ICP, Microwave (ppm)	2326	450.0	2.000	450.0	20.19	10.81	27	0.00	0%	0
037.43	Zinc, ICP, Microwave (ppm)	0505	452.6	3.400	450.0	20.19	10.81	27	0.13	0%	0
037.43	Zinc, ICP, Microwave (ppm)	0202	453.0	12.00	450.0	20.19	10.81	27	0.15	0%	0
037.43	Zinc, ICP, Microwave (ppm)	0968	459.5	1.000	450.0	20.19	10.81	27	0.47	1%	0
037.43	Zinc, ICP, Microwave (ppm)	0407	462.7	37.36	450.0	20.19	10.81	27	0.63	1%	0
037.43	Zinc, ICP, Microwave (ppm)	0555	463.0	0.0000	450.0	20.19	10.81	27	0.64	1%	0
037.43	Zinc, ICP, Microwave (ppm)	0043	466.0	23.40	450.0	20.19	10.81	27	0.79	2%	0
037.43	Zinc, ICP, Microwave (ppm)	0035	467.5	3.800	450.0	20.19	10.81	27	0.87	2%	0
037.43	Zinc, ICP, Microwave (ppm)	0870	468.6	9.700	450.0	20.19	10.81	27	0.92	2%	0
037.43	Zinc, ICP, Microwave (ppm)	0027	468.7	4.131	450.0	20.19	10.81	27	0.93	2%	0
037.43	Zinc, ICP, Microwave (ppm)	0017	470.1	62.78	450.0	20.19	10.81	27	1.00	2%	0
037.43	Zinc, ICP, Microwave (ppm)	0353	482.5	9.000	450.0	20.19	10.81	27	1.61	4%	0
037.43	Zinc, ICP, Microwave (ppm)	2192	503.5	13.00	450.0	20.19	10.81	27	2.65	6%	0
037.43	Zinc, ICP, Microwave (ppm)	0032	472.5	71.00	450.0	20.19	10.81	27	1.12	3%	1
037.44	Zinc, ICP, Dry ash (ppm)	0066	398.8	18.83				2			0

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037.44	Zinc, ICP, Dry ash (ppm)	0164	465.5	1.000				2			0
037.52	Zinc, ICP-MS, Open vessel (ppm)	0016	392.5	5.000				3			0
037.52	Zinc, ICP-MS, Open vessel (ppm)	0560	404.8	43.30				3			0
037.52	Zinc, ICP-MS, Open vessel (ppm)	0047	513.5	75.30				3			0
037.53	Zinc, ICP-MS, Microwave (ppm)	2066	306.5	11.00	400.0	26.62	22.72	6	-3.51	12%	0
037.53	Zinc, ICP-MS, Microwave (ppm)	0407	395.7	18.32	400.0	26.62	22.72	6	-0.16	1%	0
037.53	Zinc, ICP-MS, Microwave (ppm)	0572	400.0	76.00	400.0	26.62	22.72	6	0.00	0%	0
037.53	Zinc, ICP-MS, Microwave (ppm)	2055	402.0	4.000	400.0	26.62	22.72	6	0.07	0%	0
037.53	Zinc, ICP-MS, Microwave (ppm)	0939	402.5	9.000	400.0	26.62	22.72	6	0.09	0%	0
037.53	Zinc, ICP-MS, Microwave (ppm)	0553	479.0	18.00	400.0	26.62	22.72	6	2.97	10%	0
037.99	Zinc, Miscellaneous (ppm)	0889	376.2	1.850	430.8	44.00	6.463	4			0
037.99	Zinc, Miscellaneous (ppm)	0242	416.0	10.00	430.8	44.00	6.463	4			0
037.99	Zinc, Miscellaneous (ppm)	0590	455.5	9.000	430.8	44.00	6.463	4			0
037.99	Zinc, Miscellaneous (ppm)	0100	475.5	5.000	430.8	44.00	6.463	4			0
038.41	Molybdenum, ICP, Dry ash (ppm)	0171	2.281	0.0670	2.640	0.3906	0.1264	4			0
038.41	Molybdenum, ICP, Dry ash (ppm)	0226	2.430	0.1800	2.640	0.3906	0.1264	4			0
038.41	Molybdenum, ICP, Dry ash (ppm)	0407	2.678	0.0347	2.640	0.3906	0.1264	4			0
038.41	Molybdenum, ICP, Dry ash (ppm)	0964	3.172	0.2237	2.640	0.3906	0.1264	4			0
038.42	Molybdenum, ICP, Open vessel (ppm)	0278	1.825	0.0300	2.824	0.6880	0.2063	4			0
038.42	Molybdenum, ICP, Open vessel (ppm)	0693	2.932	0.0150	2.824	0.6880	0.2063	4			0
038.42	Molybdenum, ICP, Open vessel (ppm)	0265	3.190	0.4000	2.824	0.6880	0.2063	4			0
038.42	Molybdenum, ICP, Open vessel (ppm)	0045	3.350	0.3800	2.824	0.6880	0.2063	4			0
038.43	Molybdenum, ICP, Microwave (ppm)	0297	2.200	0.1200	2.634	0.4306	0.0445	7	-1.01	8%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0345	2.295	0.0300	2.634	0.4306	0.0445	7	-0.79	6%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0083	2.400	0.0000	2.634	0.4306	0.0445	7	-0.54	4%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0353	2.452	0.0666	2.634	0.4306	0.0445	7	-0.42	3%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0964	2.985	0.0442	2.634	0.4306	0.0445	7	0.82	7%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0555	3.030	0.0000	2.634	0.4306	0.0445	7	0.92	8%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0407	3.074	0.0505	2.634	0.4306	0.0445	7	1.02	8%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0202	2.470	0.4200	2.634	0.4306	0.0445	7	-0.38	3%	1
038.52	Molybdenum, ICP-MS, Open vessel (ppm)	0910	2.010	0.0000				1			0
038.53	Molybdenum, ICP-MS, Microwave (ppm)	2055	1.980	0.0200	2.660	0.4931	0.1804	5			0
038.53	Molybdenum, ICP-MS, Microwave (ppm)	0918	2.361	0.1340	2.660	0.4931	0.1804	5			0
038.53	Molybdenum, ICP-MS, Microwave (ppm)	0939	2.790	0.4000	2.660	0.4931	0.1804	5			0
038.53	Molybdenum, ICP-MS, Microwave (ppm)	0407	2.931	0.1380	2.660	0.4931	0.1804	5			0
038.53	Molybdenum, ICP-MS, Microwave (ppm)	0553	3.235	0.2100	2.660	0.4931	0.1804	5			0
040.52	Barium, ICP-MS, Open vessel (ppm)	0560	13.68	1.150				1			0
040.53	Barium, ICP-MS, Microwave (ppm)	0407	11.58	0.8160				2			0
040.53	Barium, ICP-MS, Microwave (ppm)	0918	12.04	0.1626				2			0
041.53	Vanadium, ICP-MS, Microwave (ppm)	0407	1.085	0.0250				2			0
041.53	Vanadium, ICP-MS, Microwave (ppm)	0553	1.245	0.0300				2			0
042.00	Chloride, Titrimetric (%)	0948	0.8800	0.0000				2			0

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042.00	Chloride, Titrimetric (%)	2326	0.8850	0.0100				2			0
042.99	Chloride, Miscellaneous (%)	0297	0.8900	0.0800				1			0
102.01	Niacin, Microbiological (ppm)	0227	15.30	0.6000				1			0
103.01	Pantothenic Acid, Microbiological (ppm)	0227	21.35	0.3000				1			0
104.00	Riboflavin, Fluorometric (ppm)	0171	6.970	0.0000				1			0
104.03	Riboflavin, LC (ppm)	0910	6.635	1.210				2			0
104.03	Riboflavin, LC (ppm)	0939	10.41	0.1600				2			0
104.99	Riboflavin, Miscellaneous (ppm)	0227	10.50	0.2000				1			0
105.00	Thiamine, LC (ppm)	0910	18.30	1.670				1			0
105.99	Thiamine, Miscellaneous (ppm)	0227	16.30	0.2000				1			0
106.00	Vitamin A, Color (KU / kg)	0171	25.50	1.800				1			0
106.01	Vitamin A, UV (KU / kg)	0098	29.35	16.10				1			0
106.02	Vitamin A, LC (KU / kg)	0619	16.25	2.900	23.51	4.356	3.153	15	-1.67	15%	0
106.02	Vitamin A, LC (KU / kg)	0036	19.20	3.800	23.51	4.356	3.153	15	-0.99	9%	0
106.02	Vitamin A, LC (KU / kg)	0910	19.75	3.300	23.51	4.356	3.153	15	-0.86	8%	0
106.02	Vitamin A, LC (KU / kg)	2192	21.20	2.000	23.51	4.356	3.153	15	-0.53	5%	0
106.02	Vitamin A, LC (KU / kg)	0035	21.50	1.000	23.51	4.356	3.153	15	-0.46	4%	0
106.02	Vitamin A, LC (KU / kg)	0610	21.50	0.6000	23.51	4.356	3.153	15	-0.46	4%	0
106.02	Vitamin A, LC (KU / kg)	0563	21.64	4.385	23.51	4.356	3.153	15	-0.43	4%	0
106.02	Vitamin A, LC (KU / kg)	0010	22.50	4.400	23.51	4.356	3.153	15	-0.23	2%	0
106.02	Vitamin A, LC (KU / kg)	0148	23.90	0.8000	23.51	4.356	3.153	15	0.09	1%	0
106.02	Vitamin A, LC (KU / kg)	0638	25.10	0.0000	23.51	4.356	3.153	15	0.36	3%	0
106.02	Vitamin A, LC (KU / kg)	0208	25.46	1.984	23.51	4.356	3.153	15	0.45	4%	0
106.02	Vitamin A, LC (KU / kg)	0512	26.95	6.250	23.51	4.356	3.153	15	0.79	7%	0
106.02	Vitamin A, LC (KU / kg)	0027	27.24	3.984	23.51	4.356	3.153	15	0.86	8%	0
106.02	Vitamin A, LC (KU / kg)	2103	29.70	0.5980	23.51	4.356	3.153	15	1.42	13%	0
106.02	Vitamin A, LC (KU / kg)	0014	37.15	11.30	23.51	4.356	3.153	15	3.13	29%	0
108.02	Vitamin D3, LC (KU / kg)	0910	2.510	0.3000				2			0
108.02	Vitamin D3, LC (KU / kg)	0208	3.130	0.4800				2			0
108.02	Vitamin D3, LC (KU / kg)	0610	< 5000					2			5
108.99	Vitamin D3, Miscellaneous (KU / kg)	0619	2.110	0.1800				2			0
108.99	Vitamin D3, Miscellaneous (KU / kg)	0010	2.505	0.1500				2			0
109.02	Vitamin E, LC (IU / kg)	0619	301.0	102.0	441.7	53.60	32.66	11	-2.63	16%	0
109.02	Vitamin E, LC (IU / kg)	0590	385.5	43.00	441.7	53.60	32.66	11	-1.05	6%	0
109.02	Vitamin E, LC (IU / kg)	0638	412.7	0.0000	441.7	53.60	32.66	11	-0.54	3%	0
109.02	Vitamin E, LC (IU / kg)	0563	421.7	24.80	441.7	53.60	32.66	11	-0.37	2%	0
109.02	Vitamin E, LC (IU / kg)	0148	422.3	5.770	441.7	53.60	32.66	11	-0.36	2%	0
109.02	Vitamin E, LC (IU / kg)	0910	435.5	1.000	441.7	53.60	32.66	11	-0.12	1%	0
109.02	Vitamin E, LC (IU / kg)	0098	466.5	19.00	441.7	53.60	32.66	11	0.46	3%	0
109.02	Vitamin E, LC (IU / kg)	0208	470.1	83.82	441.7	53.60	32.66	11	0.53	3%	0
109.02	Vitamin E, LC (IU / kg)	0610	472.0	16.00	441.7	53.60	32.66	11	0.56	3%	0
109.02	Vitamin E, LC (IU / kg)	0036	489.3	23.90	441.7	53.60	32.66	11	0.89	5%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
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109.02	Vitamin E, LC (IU / kg)	2192	526.0	40.00	441.7	53.60	32.66	11	1.57	10%	0
109.99	Vitamin E, Miscellaneous (IU / kg)	0171	462.5	3.000				1			0
111.00	Vitamin C, Phosphorylated, LC (ppm)	0227	< 4.4					0			5
111.01	Vitamin C, Ascorbic Acid, LC (ppm)	0921	0.0310	0.0000				1			0
115.00	Non Protein N (NPN), Urea + Am, Urease method (%)	0098	0.3450	0.0100				1			0
118.99	Peroxide value, Miscellaneous (meq/kg)	2081	3.735	1.570				1			0
120.00	Alanine, Post-col Ninhydrin Der (%)	0353	0.5550	0.0100	0.6253	0.0274	0.0119	18	-2.57	6%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0675	0.5800	0.0200	0.6253	0.0274	0.0119	18	-1.66	4%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0968	0.5950	0.0100	0.6253	0.0274	0.0119	18	-1.11	2%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0682	0.6120	0.0000	0.6253	0.0274	0.0119	18	-0.49	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0619	0.6160	0.0020	0.6253	0.0274	0.0119	18	-0.34	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0918	0.6166	0.0312	0.6253	0.0274	0.0119	18	-0.32	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0504	0.6200	0.0000	0.6253	0.0274	0.0119	18	-0.20	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0652	0.6200	0.0200	0.6253	0.0274	0.0119	18	-0.20	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0644	0.6210	0.0080	0.6253	0.0274	0.0119	18	-0.16	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	2059	0.6220	0.0000	0.6253	0.0274	0.0119	18	-0.12	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	2339	0.6270	0.0020	0.6253	0.0274	0.0119	18	0.06	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0571	0.6280	0.0120	0.6253	0.0274	0.0119	18	0.10	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0684	0.6300	0.0000	0.6253	0.0274	0.0119	18	0.17	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0859	0.6386	0.0052	0.6253	0.0274	0.0119	18	0.48	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0226	0.6519	0.0226	0.6253	0.0274	0.0119	18	0.97	2%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0870	0.6568	0.0207	0.6253	0.0274	0.0119	18	1.15	3%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0171	0.6950	0.0500	0.6253	0.0274	0.0119	18	2.55	6%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0910	0.7200	0.0000	0.6253	0.0274	0.0119	18	3.46	8%	0
120.02	Alanine, Post-col OPA Der (%)	0098	0.6300	0.0220				1			0
120.05	Alanine, Pre-col AQC Der (%)	2196	0.5840	0.0000	0.5985	0.0127	0.0087	6	-1.14	1%	0
120.05	Alanine, Pre-col AQC Der (%)	2188	0.5930	0.0000	0.5985	0.0127	0.0087	6	-0.43	0%	0
120.05	Alanine, Pre-col AQC Der (%)	0148	0.5950	0.0100	0.5985	0.0127	0.0087	6	-0.28	0%	0
120.05	Alanine, Pre-col AQC Der (%)	0610	0.6000	0.0000	0.5985	0.0127	0.0087	6	0.12	0%	0
120.05	Alanine, Pre-col AQC Der (%)	0407	0.6015	0.0210	0.5985	0.0127	0.0087	6	0.24	0%	0
120.05	Alanine, Pre-col AQC Der (%)	0626	0.6715	0.0210	0.5985	0.0127	0.0087	6	5.74	6%	0
120.99	Alanine, Miscellaneous (%)	0889	0.6750	0.0100				1			0
121.00	Arginine, Post-col Ninhydrin Der (%)	0675	0.7550	0.0100	0.8504	0.0428	0.0143	17	-2.23	6%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0682	0.7930	0.0000	0.8504	0.0428	0.0143	17	-1.34	3%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0504	0.8150	0.0100	0.8504	0.0428	0.0143	17	-0.83	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0353	0.8200	0.0400	0.8504	0.0428	0.0143	17	-0.71	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0910	0.8300	0.0000	0.8504	0.0428	0.0143	17	-0.48	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0968	0.8300	0.0000	0.8504	0.0428	0.0143	17	-0.48	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0859	0.8318	0.0003	0.8504	0.0428	0.0143	17	-0.44	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	2339	0.8445	0.0050	0.8504	0.0428	0.0143	17	-0.14	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0652	0.8450	0.0100	0.8504	0.0428	0.0143	17	-0.13	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0684	0.8550	0.0300	0.8504	0.0428	0.0143	17	0.11	0%	0

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121.00	Arginine, Post-col Ninhydrin Der (%)	2059	0.8625	0.0030	0.8504	0.0428	0.0143	17	0.28	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0644	0.8695	0.0050	0.8504	0.0428	0.0143	17	0.45	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0571	0.8715	0.0090	0.8504	0.0428	0.0143	17	0.49	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0918	0.8819	0.0210	0.8504	0.0428	0.0143	17	0.74	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0619	0.8920	0.0020	0.8504	0.0428	0.0143	17	0.97	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0870	0.9398	0.0371	0.8504	0.0428	0.0143	17	2.09	5%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0171	0.9400	0.0600	0.8504	0.0428	0.0143	17	2.09	5%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0226	0.9350	0.1403	0.8504	0.0428	0.0143	17	1.98	5%	1
121.02	Arginine, Post-col OPA Der (%)	0098	0.8190	0.0020				1			0
121.05	Arginine, Pre-col AQC Der (%)	0407	0.6170	0.0300	0.8421	0.0297	0.0167	6	-7.59	13%	0
121.05	Arginine, Pre-col AQC Der (%)	2196	0.8260	0.0000	0.8421	0.0297	0.0167	6	-0.54	1%	0
121.05	Arginine, Pre-col AQC Der (%)	2188	0.8460	0.0000	0.8421	0.0297	0.0167	6	0.13	0%	0
121.05	Arginine, Pre-col AQC Der (%)	0626	0.8530	0.0500	0.8421	0.0297	0.0167	6	0.37	1%	0
121.05	Arginine, Pre-col AQC Der (%)	0148	0.8650	0.0100	0.8421	0.0297	0.0167	6	0.77	1%	0
121.05	Arginine, Pre-col AQC Der (%)	0610	0.8650	0.0100	0.8421	0.0297	0.0167	6	0.77	1%	0
121.99	Arginine, Miscellaneous (%)	0889	1.015	0.0700				1			0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0619	1.029	0.0050	1.081	0.0303	0.0092	17	-1.74	2%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0682	1.043	0.0000	1.081	0.0303	0.0092	17	-1.27	2%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0918	1.050	0.0004	1.081	0.0303	0.0092	17	-1.04	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0675	1.055	0.0100	1.081	0.0303	0.0092	17	-0.87	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0910	1.060	0.0000	1.081	0.0303	0.0092	17	-0.71	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0504	1.070	0.0000	1.081	0.0303	0.0092	17	-0.38	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0353	1.075	0.0100	1.081	0.0303	0.0092	17	-0.21	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0226	1.075	0.0471	1.081	0.0303	0.0092	17	-0.20	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0968	1.080	0.0000	1.081	0.0303	0.0092	17	-0.05	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0644	1.086	0.0000	1.081	0.0303	0.0092	17	0.15	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	2339	1.095	0.0060	1.081	0.0303	0.0092	17	0.45	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	2059	1.098	0.0040	1.081	0.0303	0.0092	17	0.55	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0652	1.105	0.0300	1.081	0.0303	0.0092	17	0.78	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0571	1.109	0.0120	1.081	0.0303	0.0092	17	0.91	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0684	1.110	0.0200	1.081	0.0303	0.0092	17	0.94	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0859	1.111	0.0099	1.081	0.0303	0.0092	17	0.96	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0870	1.196	0.0014	1.081	0.0303	0.0092	17	3.79	5%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0171	1.450	0.1000	1.081	0.0303	0.0092	17	12.15	17%	1
122.02	Aspartic, Post-col OPA Der (%)	0098	1.079	0.0320				1			0
122.05	Aspartic, Pre-col AQC Der (%)	0407	0.9760	0.0100	1.054	0.0584	0.0070	6	-1.33	4%	0
122.05	Aspartic, Pre-col AQC Der (%)	0148	1.030	0.0200	1.054	0.0584	0.0070	6	-0.40	1%	0
122.05	Aspartic, Pre-col AQC Der (%)	2196	1.041	0.0000	1.054	0.0584	0.0070	6	-0.21	1%	0
122.05	Aspartic, Pre-col AQC Der (%)	2188	1.069	0.0000	1.054	0.0584	0.0070	6	0.27	1%	0
122.05	Aspartic, Pre-col AQC Der (%)	0610	1.075	0.0100	1.054	0.0584	0.0070	6	0.37	1%	0
122.05	Aspartic, Pre-col AQC Der (%)	0626	1.130	0.0020	1.054	0.0584	0.0070	6	1.31	4%	0
122.99	Aspartic, Miscellaneous (%)	0889	1.175	0.0500				1			0

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124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0684	0.2400	0.0000	0.2612	0.0137	0.0109	18	-1.54	4%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0644	0.2485	0.0190	0.2612	0.0137	0.0109	18	-0.92	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0652	0.2500	0.0000	0.2612	0.0137	0.0109	18	-0.81	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0910	0.2500	0.0000	0.2612	0.0137	0.0109	18	-0.81	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0870	0.2526	0.0168	0.2612	0.0137	0.0109	18	-0.62	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	2059	0.2530	0.0040	0.2612	0.0137	0.0109	18	-0.59	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0353	0.2550	0.0100	0.2612	0.0137	0.0109	18	-0.45	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0968	0.2575	0.0010	0.2612	0.0137	0.0109	18	-0.27	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	2339	0.2580	0.0140	0.2612	0.0137	0.0109	18	-0.23	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0939	0.2600	0.0200	0.2612	0.0137	0.0109	18	-0.08	0%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0571	0.2605	0.0070	0.2612	0.0137	0.0109	18	-0.05	0%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0675	0.2650	0.0300	0.2612	0.0137	0.0109	18	0.28	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0918	0.2650	0.0100	0.2612	0.0137	0.0109	18	0.28	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0859	0.2700	0.0047	0.2612	0.0137	0.0109	18	0.64	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0504	0.2700	0.0000	0.2612	0.0137	0.0109	18	0.64	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0619	0.2915	0.0090	0.2612	0.0137	0.0109	18	2.21	6%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0682	0.3000	0.0000	0.2612	0.0137	0.0109	18	2.83	7%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0171	0.3150	0.0500	0.2612	0.0137	0.0109	18	3.92	10%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0226	0.3300	0.0800	0.2612	0.0137	0.0109	18	5.01	13%	1
124.02	Cysteine/Cystine, PAO Post-col OPA Der (%)	0098	0.2730	0.0040				1			0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0407	0.1013	0.0007	0.2313	0.0785	0.0061	5			0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	2188	0.2150	0.0000	0.2313	0.0785	0.0061	5			0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0148	0.2700	0.0200	0.2313	0.0785	0.0061	5			0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0610	0.2750	0.0100	0.2313	0.0785	0.0061	5			0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	2196	0.2950	0.0000	0.2313	0.0785	0.0061	5			0
124.99	Cysteine/Cystine, Miscellaneous (%)	0227	0.2250	0.0100				2			0
124.99	Cysteine/Cystine, Miscellaneous (%)	0889	0.2550	0.0100				2			0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0918	2.136	0.0815	2.281	0.0978	0.0355	18	-1.48	3%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0682	2.151	0.0000	2.281	0.0978	0.0355	18	-1.33	3%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0353	2.215	0.0100	2.281	0.0978	0.0355	18	-0.67	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0675	2.225	0.0500	2.281	0.0978	0.0355	18	-0.57	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0504	2.230	0.0000	2.281	0.0978	0.0355	18	-0.52	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	2339	2.235	0.0020	2.281	0.0978	0.0355	18	-0.47	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0652	2.240	0.0600	2.281	0.0978	0.0355	18	-0.42	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	2059	2.243	0.0070	2.281	0.0978	0.0355	18	-0.39	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0684	2.250	0.0600	2.281	0.0978	0.0355	18	-0.31	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0968	2.260	0.0200	2.281	0.0978	0.0355	18	-0.21	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0571	2.281	0.0070	2.281	0.0978	0.0355	18	0.00	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0859	2.292	0.0333	2.281	0.0978	0.0355	18	0.12	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0644	2.297	0.0040	2.281	0.0978	0.0355	18	0.17	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0870	2.370	0.0409	2.281	0.0978	0.0355	18	0.91	2%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0619	2.398	0.0300	2.281	0.0978	0.0355	18	1.20	3%	0



Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
125.00	Glutamic, Post-col Ninhydrin Der (%)	0910	2.400	0.0000	2.281	0.0978	0.0355	18	1.22	3%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0226	2.414	0.1429	2.281	0.0978	0.0355	18	1.36	3%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0171	2.415	0.0900	2.281	0.0978	0.0355	18	1.37	3%	0
125.02	Glutamic, Post-col OPA Der (%)	0098	2.224	0.0930				1			0
125.05	Glutamic, Pre-col AQC Der (%)	0407	2.166	0.0520	2.221	0.0478	0.0245	6	-1.15	1%	0
125.05	Glutamic, Pre-col AQC Der (%)	2188	2.203	0.0000	2.221	0.0478	0.0245	6	-0.38	0%	0
125.05	Glutamic, Pre-col AQC Der (%)	0148	2.205	0.0300	2.221	0.0478	0.0245	6	-0.33	0%	0
125.05	Glutamic, Pre-col AQC Der (%)	2196	2.229	0.0000	2.221	0.0478	0.0245	6	0.17	0%	0
125.05	Glutamic, Pre-col AQC Der (%)	0610	2.230	0.0200	2.221	0.0478	0.0245	6	0.19	0%	0
125.05	Glutamic, Pre-col AQC Der (%)	0626	2.431	0.0450	2.221	0.0478	0.0245	6	4.39	5%	0
125.99	Glutamic, Miscellaneous (%)	0889	2.555	0.0100				1			0
126.00	Glycine, Post-col Ninhydrin Der (%)	0675	0.7250	0.0100	0.7609	0.0219	0.0082	17	-1.64	2%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0682	0.7320	0.0000	0.7609	0.0219	0.0082	17	-1.32	2%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0353	0.7350	0.0100	0.7609	0.0219	0.0082	17	-1.18	2%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0918	0.7423	0.0202	0.7609	0.0219	0.0082	17	-0.85	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0652	0.7500	0.0200	0.7609	0.0219	0.0082	17	-0.50	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	2339	0.7540	0.0100	0.7609	0.0219	0.0082	17	-0.31	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0968	0.7550	0.0100	0.7609	0.0219	0.0082	17	-0.27	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0504	0.7600	0.0000	0.7609	0.0219	0.0082	17	-0.04	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0226	0.7642	0.0238	0.7609	0.0219	0.0082	17	0.15	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0644	0.7665	0.0010	0.7609	0.0219	0.0082	17	0.26	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	2059	0.7690	0.0000	0.7609	0.0219	0.0082	17	0.37	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0910	0.7700	0.0000	0.7609	0.0219	0.0082	17	0.42	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0859	0.7727	0.0011	0.7609	0.0219	0.0082	17	0.54	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0571	0.7745	0.0090	0.7609	0.0219	0.0082	17	0.62	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0684	0.7750	0.0100	0.7609	0.0219	0.0082	17	0.65	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0619	0.7930	0.0000	0.7609	0.0219	0.0082	17	1.47	2%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0870	0.8089	0.0140	0.7609	0.0219	0.0082	17	2.20	3%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0171	0.7450	0.0500	0.7609	0.0219	0.0082	17	-0.73	1%	1
126.02	Glycine, Post-col OPA Der (%)	0098	0.7650	0.0300				1			0
126.05	Glycine, Pre-col AQC Der (%)	0148	0.7550	0.0100	0.7699	0.0197	0.0058	5			0
126.05	Glycine, Pre-col AQC Der (%)	2196	0.7620	0.0000	0.7699	0.0197	0.0058	5			0
126.05	Glycine, Pre-col AQC Der (%)	2188	0.7630	0.0000	0.7699	0.0197	0.0058	5			0
126.05	Glycine, Pre-col AQC Der (%)	0610	0.7650	0.0100	0.7699	0.0197	0.0058	5			0
126.05	Glycine, Pre-col AQC Der (%)	0626	0.8045	0.0090	0.7699	0.0197	0.0058	5			0
126.05	Glycine, Pre-col AQC Der (%)	0407	0.5785	0.0730	0.7699	0.0197	0.0058	5			1
126.99	Glycine, Miscellaneous (%)	0889	0.3350	0.0100				1			0
127.00	Histidine, Post-col Ninhydrin Der (%)	0226	0.3126	0.0073	0.3493	0.0206	0.0046	17	-1.78	5%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0675	0.3250	0.0100	0.3493	0.0206	0.0046	17	-1.18	3%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0918	0.3283	0.0053	0.3493	0.0206	0.0046	17	-1.02	3%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0353	0.3350	0.0100	0.3493	0.0206	0.0046	17	-0.69	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	2059	0.3395	0.0010	0.3493	0.0206	0.0046	17	-0.47	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
127.00	Histidine, Post-col Ninhydrin Der (%)	0968	0.3400	0.0000	0.3493	0.0206	0.0046	17	-0.45	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0859	0.3448	0.0042	0.3493	0.0206	0.0046	17	-0.22	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0571	0.3475	0.0030	0.3493	0.0206	0.0046	17	-0.09	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0504	0.3500	0.0000	0.3493	0.0206	0.0046	17	0.03	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0684	0.3500	0.0200	0.3493	0.0206	0.0046	17	0.03	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0910	0.3500	0.0000	0.3493	0.0206	0.0046	17	0.03	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0644	0.3525	0.0010	0.3493	0.0206	0.0046	17	0.16	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	2339	0.3545	0.0010	0.3493	0.0206	0.0046	17	0.25	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0652	0.3700	0.0000	0.3493	0.0206	0.0046	17	1.00	3%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0682	0.3720	0.0000	0.3493	0.0206	0.0046	17	1.10	3%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0619	0.3925	0.0130	0.3493	0.0206	0.0046	17	2.09	6%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0870	0.4950	0.0019	0.3493	0.0206	0.0046	17	7.06	21%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0171	0.4450	0.0300	0.3493	0.0206	0.0046	17	4.64	14%	1
127.02	Histidine, Post-col OPA Der (%)	0098	0.3485	0.0010				1			0
127.05	Histidine, Pre-col AQC Der (%)	2188	0.3280	0.0000	0.3530	0.0230	0.0022	6	-1.09	4%	0
127.05	Histidine, Pre-col AQC Der (%)	0610	0.3400	0.0000	0.3530	0.0230	0.0022	6	-0.57	2%	0
127.05	Histidine, Pre-col AQC Der (%)	0626	0.3485	0.0090	0.3530	0.0230	0.0022	6	-0.20	1%	0
127.05	Histidine, Pre-col AQC Der (%)	2196	0.3540	0.0000	0.3530	0.0230	0.0022	6	0.04	0%	0
127.05	Histidine, Pre-col AQC Der (%)	0148	0.3600	0.0000	0.3530	0.0230	0.0022	6	0.31	1%	0
127.05	Histidine, Pre-col AQC Der (%)	0407	0.3940	0.0040	0.3530	0.0230	0.0022	6	1.79	6%	0
127.99	Histidine, Miscellaneous (%)	0889	0.3350	0.0100				1			0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0682	0.4060	0.0000	0.4667	0.0456	0.0107	17	-1.33	7%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0353	0.4150	0.0100	0.4667	0.0456	0.0107	17	-1.13	6%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0918	0.4225	0.0059	0.4667	0.0456	0.0107	17	-0.97	5%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0675	0.4250	0.0300	0.4667	0.0456	0.0107	17	-0.92	4%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0968	0.4350	0.0100	0.4667	0.0456	0.0107	17	-0.70	3%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0652	0.4500	0.0000	0.4667	0.0456	0.0107	17	-0.37	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0859	0.4515	0.0026	0.4667	0.0456	0.0107	17	-0.33	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0910	0.4600	0.0000	0.4667	0.0456	0.0107	17	-0.15	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	2059	0.4605	0.0070	0.4667	0.0456	0.0107	17	-0.14	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	2339	0.4680	0.0180	0.4667	0.0456	0.0107	17	0.03	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0684	0.4800	0.0000	0.4667	0.0456	0.0107	17	0.29	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0571	0.4810	0.0040	0.4667	0.0456	0.0107	17	0.31	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0644	0.4895	0.0150	0.4667	0.0456	0.0107	17	0.50	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0504	0.5000	0.0000	0.4667	0.0456	0.0107	17	0.73	4%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0226	0.5199	0.0581	0.4667	0.0456	0.0107	17	1.17	6%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0619	0.5380	0.0060	0.4667	0.0456	0.0107	17	1.56	8%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0870	0.5834	0.0159	0.4667	0.0456	0.0107	17	2.56	12%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0171	0.5450	0.0900	0.4667	0.0456	0.0107	17	1.72	8%	1
128.02	Isoleucine, Post-col OPA Der (%)	0098	0.4785	0.0110				1			0
128.05	Isoleucine, Pre-col AQC Der (%)	0148	0.4250	0.0100	0.4675	0.0349	0.0047	6	-1.22	5%	0
128.05	Isoleucine, Pre-col AQC Der (%)	2188	0.4330	0.0000	0.4675	0.0349	0.0047	6	-0.99	4%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
128.05	Isoleucine, Pre-col AQC Der (%)	2196	0.4790	0.0000	0.4675	0.0349	0.0047	6	0.33	1%	0
128.05	Isoleucine, Pre-col AQC Der (%)	0610	0.4800	0.0000	0.4675	0.0349	0.0047	6	0.36	1%	0
128.05	Isoleucine, Pre-col AQC Der (%)	0626	0.4895	0.0110	0.4675	0.0349	0.0047	6	0.63	2%	0
128.05	Isoleucine, Pre-col AQC Der (%)	0407	0.4985	0.0070	0.4675	0.0349	0.0047	6	0.89	3%	0
128.99	Isoleucine, Miscellaneous (%)	0889	0.3350	0.0100				1			0
129.00	Leucine, Post-col Ninhydrin Der (%)	0682	0.7750	0.0000	0.8658	0.0361	0.0113	17	-2.51	5%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0652	0.8250	0.0100	0.8658	0.0361	0.0113	17	-1.13	2%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0675	0.8250	0.0500	0.8658	0.0361	0.0113	17	-1.13	2%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0968	0.8250	0.0100	0.8658	0.0361	0.0113	17	-1.13	2%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0918	0.8456	0.0141	0.8658	0.0361	0.0113	17	-0.56	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0910	0.8500	0.0000	0.8658	0.0361	0.0113	17	-0.44	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0353	0.8650	0.0100	0.8658	0.0361	0.0113	17	-0.02	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	2339	0.8670	0.0040	0.8658	0.0361	0.0113	17	0.03	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	2059	0.8700	0.0060	0.8658	0.0361	0.0113	17	0.12	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0644	0.8775	0.0150	0.8658	0.0361	0.0113	17	0.32	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0504	0.8800	0.0000	0.8658	0.0361	0.0113	17	0.39	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0684	0.8800	0.0200	0.8658	0.0361	0.0113	17	0.39	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0571	0.8825	0.0050	0.8658	0.0361	0.0113	17	0.46	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0226	0.8872	0.0244	0.8658	0.0361	0.0113	17	0.59	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0859	0.8876	0.0094	0.8658	0.0361	0.0113	17	0.60	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0870	0.9289	0.0028	0.8658	0.0361	0.0113	17	1.75	4%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0619	0.9430	0.0120	0.8658	0.0361	0.0113	17	2.14	4%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0171	1.065	0.0700	0.8658	0.0361	0.0113	17	5.51	12%	1
129.02	Leucine, Post-col OPA Der (%)	0098	0.8660	0.0120				1			0
129.05	Leucine, Pre-col AQC Der (%)	0148	0.8150	0.0500	0.8558	0.0309	0.0133	6	-1.32	2%	0
129.05	Leucine, Pre-col AQC Der (%)	2196	0.8290	0.0000	0.8558	0.0309	0.0133	6	-0.87	2%	0
129.05	Leucine, Pre-col AQC Der (%)	2188	0.8680	0.0000	0.8558	0.0309	0.0133	6	0.39	1%	0
129.05	Leucine, Pre-col AQC Der (%)	0407	0.8690	0.0240	0.8558	0.0309	0.0133	6	0.43	1%	0
129.05	Leucine, Pre-col AQC Der (%)	0610	0.8700	0.0000	0.8558	0.0309	0.0133	6	0.46	1%	0
129.05	Leucine, Pre-col AQC Der (%)	0626	0.8840	0.0060	0.8558	0.0309	0.0133	6	0.91	2%	0
129.99	Leucine, Miscellaneous (%)	0889	0.8000	0.0000				1			0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0226	0.7747	0.0178	0.8109	0.0266	0.0084	19	-1.36	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0353	0.7750	0.0100	0.8109	0.0266	0.0084	19	-1.35	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0918	0.7791	0.0089	0.8109	0.0266	0.0084	19	-1.20	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0652	0.7850	0.0300	0.8109	0.0266	0.0084	19	-0.97	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0512	0.7954	0.0186	0.8109	0.0266	0.0084	19	-0.58	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0644	0.7995	0.0010	0.8109	0.0266	0.0084	19	-0.43	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	2339	0.8025	0.0010	0.8109	0.0266	0.0084	19	-0.32	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0682	0.8050	0.0000	0.8109	0.0266	0.0084	19	-0.22	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0939	0.8050	0.0100	0.8109	0.0266	0.0084	19	-0.22	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	2059	0.8115	0.0010	0.8109	0.0266	0.0084	19	0.02	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0571	0.8120	0.0040	0.8109	0.0266	0.0084	19	0.04	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0968	0.8150	0.0100	0.8109	0.0266	0.0084	19	0.15	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0684	0.8200	0.0000	0.8109	0.0266	0.0084	19	0.34	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0675	0.8250	0.0100	0.8109	0.0266	0.0084	19	0.53	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0910	0.8300	0.0000	0.8109	0.0266	0.0084	19	0.72	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0619	0.8315	0.0190	0.8109	0.0266	0.0084	19	0.77	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0504	0.8400	0.0000	0.8109	0.0266	0.0084	19	1.09	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0859	0.8552	0.0013	0.8109	0.0266	0.0084	19	1.66	3%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0870	0.9522	0.0163	0.8109	0.0266	0.0084	19	5.30	9%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0171	0.7450	0.0500	0.8109	0.0266	0.0084	19	-2.48	4%	1
130.02	L-Lysine, Post-col OPA Der (%)	0098	0.8915	0.0030				1			0
130.05	L-Lysine, Pre-col AQC Der (%)	0407	0.6295	0.0390	0.7892	0.0582	0.0111	7	-2.75	10%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0148	0.7400	0.0200	0.7892	0.0582	0.0111	7	-0.85	3%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0610	0.7950	0.0100	0.7892	0.0582	0.0111	7	0.10	0%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0014	0.7990	0.0000	0.7892	0.0582	0.0111	7	0.17	1%	0
130.05	L-Lysine, Pre-col AQC Der (%)	2188	0.8150	0.0000	0.7892	0.0582	0.0111	7	0.44	2%	0
130.05	L-Lysine, Pre-col AQC Der (%)	2196	0.8220	0.0000	0.7892	0.0582	0.0111	7	0.56	2%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0626	0.8515	0.0090	0.7892	0.0582	0.0111	7	1.07	4%	0
130.99	L-Lysine, Miscellaneous (%)	0889	0.7250	0.0100				2			0
130.99	L-Lysine, Miscellaneous (%)	0016	0.8430	0.0100				2			0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0619	0.1920	0.0180	0.2633	0.0268	0.0086	20	-2.66	14%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0675	0.2350	0.0100	0.2633	0.0268	0.0086	20	-1.06	5%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0684	0.2350	0.0100	0.2633	0.0268	0.0086	20	-1.06	5%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0918	0.2400	0.0200	0.2633	0.0268	0.0086	20	-0.87	4%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0939	0.2400	0.0200	0.2633	0.0268	0.0086	20	-0.87	4%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0353	0.2450	0.0100	0.2633	0.0268	0.0086	20	-0.68	3%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0859	0.2476	0.0020	0.2633	0.0268	0.0086	20	-0.59	3%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0512	0.2562	0.0037	0.2633	0.0268	0.0086	20	-0.27	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	2059	0.2575	0.0010	0.2633	0.0268	0.0086	20	-0.22	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0504	0.2600	0.0000	0.2633	0.0268	0.0086	20	-0.12	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0652	0.2600	0.0200	0.2633	0.0268	0.0086	20	-0.12	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	2339	0.2685	0.0050	0.2633	0.0268	0.0086	20	0.19	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0571	0.2690	0.0020	0.2633	0.0268	0.0086	20	0.21	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0968	0.2790	0.0080	0.2633	0.0268	0.0086	20	0.59	3%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0682	0.2810	0.0000	0.2633	0.0268	0.0086	20	0.66	3%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0644	0.2820	0.0140	0.2633	0.0268	0.0086	20	0.70	4%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0226	0.2900	0.0000	0.2633	0.0268	0.0086	20	1.00	5%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0910	0.2900	0.0000	0.2633	0.0268	0.0086	20	1.00	5%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0171	0.3100	0.0200	0.2633	0.0268	0.0086	20	1.74	9%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0870	0.3461	0.0087	0.2633	0.0268	0.0086	20	3.09	16%	0
131.02	Methionine, PAO Post-col OPA Der (%)	0098	0.2540	0.0040				1			0
131.05	Methionine, PAO Pre-col AQC Der (%)	0407	0.1589	0.0083	0.2386	0.0287	0.0092	8	-2.78	17%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	0014	0.2160	0.0320	0.2386	0.0287	0.0092	8	-0.79	5%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
131.05	Methionine, PAO Pre-col AQC Der (%)	0626	0.2280	0.0320	0.2386	0.0287	0.0092	8	-0.37	2%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	2188	0.2290	0.0000	0.2386	0.0287	0.0092	8	-0.34	2%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	0016	0.2545	0.0010	0.2386	0.0287	0.0092	8	0.55	3%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	0148	0.2600	0.0000	0.2386	0.0287	0.0092	8	0.74	4%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	0610	0.2600	0.0000	0.2386	0.0287	0.0092	8	0.74	4%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	2196	0.2660	0.0000	0.2386	0.0287	0.0092	8	0.95	6%	0
131.99	Methionine, Miscellaneous (%)	0227	0.2800	0.0200				2			0
131.99	Methionine, Miscellaneous (%)	0889	0.3450	0.0100				2			0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0682	0.4480	0.0000	0.5559	0.0648	0.0175	18	-1.67	10%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0226	0.4687	0.0372	0.5559	0.0648	0.0175	18	-1.35	8%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0675	0.5050	0.0100	0.5559	0.0648	0.0175	18	-0.79	5%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0652	0.5150	0.0100	0.5559	0.0648	0.0175	18	-0.63	4%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0910	0.5200	0.0000	0.5559	0.0648	0.0175	18	-0.55	3%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0968	0.5300	0.0200	0.5559	0.0648	0.0175	18	-0.40	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	2059	0.5320	0.0020	0.5559	0.0648	0.0175	18	-0.37	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0684	0.5350	0.0100	0.5559	0.0648	0.0175	18	-0.32	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0504	0.5550	0.0100	0.5559	0.0648	0.0175	18	-0.01	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0644	0.5550	0.0040	0.5559	0.0648	0.0175	18	-0.01	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0571	0.5575	0.0170	0.5559	0.0648	0.0175	18	0.02	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0619	0.5585	0.0590	0.5559	0.0648	0.0175	18	0.04	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	2339	0.5685	0.0070	0.5559	0.0648	0.0175	18	0.19	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0171	0.5800	0.0400	0.5559	0.0648	0.0175	18	0.37	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0918	0.6165	0.0157	0.5559	0.0648	0.0175	18	0.93	5%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0859	0.6449	0.0177	0.5559	0.0648	0.0175	18	1.37	8%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0353	0.6600	0.0400	0.5559	0.0648	0.0175	18	1.61	9%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0870	0.7003	0.0147	0.5559	0.0648	0.0175	18	2.23	13%	0
132.02	Phenylalanine, Post-col OPA Der (%)	0098	0.5405	0.0030				1			0
132.05	Phenylalanine, Pre-col AQC Der (%)	2188	0.5300	0.0000	0.5558	0.0232	0.0073	6	-1.11	2%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	0626	0.5440	0.0140	0.5558	0.0232	0.0073	6	-0.51	1%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	0610	0.5450	0.0100	0.5558	0.0232	0.0073	6	-0.47	1%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	2196	0.5630	0.0000	0.5558	0.0232	0.0073	6	0.31	1%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	0148	0.5650	0.0100	0.5558	0.0232	0.0073	6	0.39	1%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	0407	0.5880	0.0100	0.5558	0.0232	0.0073	6	1.39	3%	0
132.99	Phenylalanine, Miscellaneous (%)	0889	0.4750	0.0100				1			0
133.00	Proline, Post-col Ninhydrin Der (%)	0682	0.7420	0.0000	0.7962	0.0280	0.0210	18	-1.94	3%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0504	0.7700	0.0200	0.7962	0.0280	0.0210	18	-0.94	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0652	0.7700	0.0200	0.7962	0.0280	0.0210	18	-0.94	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0675	0.7700	0.0400	0.7962	0.0280	0.0210	18	-0.94	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	2059	0.7740	0.0040	0.7962	0.0280	0.0210	18	-0.79	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0870	0.7799	0.0337	0.7962	0.0280	0.0210	18	-0.59	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0859	0.7816	0.0077	0.7962	0.0280	0.0210	18	-0.52	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0684	0.7850	0.0300	0.7962	0.0280	0.0210	18	-0.40	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
133.00	Proline, Post-col Ninhydrin Der (%)	0226	0.7923	0.0075	0.7962	0.0280	0.0210	18	-0.14	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0353	0.8050	0.0100	0.7962	0.0280	0.0210	18	0.31	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0644	0.8075	0.0330	0.7962	0.0280	0.0210	18	0.40	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0571	0.8095	0.0090	0.7962	0.0280	0.0210	18	0.47	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0171	0.8100	0.0400	0.7962	0.0280	0.0210	18	0.49	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0910	0.8100	0.0000	0.7962	0.0280	0.0210	18	0.49	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0968	0.8100	0.0200	0.7962	0.0280	0.0210	18	0.49	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	2339	0.8270	0.0080	0.7962	0.0280	0.0210	18	1.10	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0619	0.8600	0.0140	0.7962	0.0280	0.0210	18	2.28	4%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0918	0.8938	0.0807	0.7962	0.0280	0.0210	18	3.48	6%	0
133.05	Proline, Pre-col AQC Der (%)	0148	0.7450	0.0300	0.7905	0.0381	0.0127	6	-1.19	3%	0
133.05	Proline, Pre-col AQC Der (%)	2188	0.7540	0.0000	0.7905	0.0381	0.0127	6	-0.96	2%	0
133.05	Proline, Pre-col AQC Der (%)	0610	0.7950	0.0100	0.7905	0.0381	0.0127	6	0.12	0%	0
133.05	Proline, Pre-col AQC Der (%)	0407	0.8055	0.0290	0.7905	0.0381	0.0127	6	0.39	1%	0
133.05	Proline, Pre-col AQC Der (%)	2196	0.8170	0.0000	0.7905	0.0381	0.0127	6	0.70	2%	0
133.05	Proline, Pre-col AQC Der (%)	0626	0.8265	0.0070	0.7905	0.0381	0.0127	6	0.94	2%	0
133.99	Proline, Miscellaneous (%)	0889	0.9200	0.0200				1			0
134.00	Serine, Post-col Ninhydrin Der (%)	0504	0.5250	0.0500	0.6201	0.0359	0.0174	18	-2.65	8%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0226	0.5705	0.0530	0.6201	0.0359	0.0174	18	-1.38	4%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0619	0.5815	0.0270	0.6201	0.0359	0.0174	18	-1.08	3%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0682	0.5900	0.0000	0.6201	0.0359	0.0174	18	-0.84	2%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0644	0.5980	0.0160	0.6201	0.0359	0.0174	18	-0.62	2%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0910	0.6000	0.0000	0.6201	0.0359	0.0174	18	-0.56	2%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0675	0.6050	0.0100	0.6201	0.0359	0.0174	18	-0.42	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0918	0.6210	0.0109	0.6201	0.0359	0.0174	18	0.02	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	2339	0.6215	0.0250	0.6201	0.0359	0.0174	18	0.04	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0652	0.6300	0.0000	0.6201	0.0359	0.0174	18	0.28	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0684	0.6300	0.0400	0.6201	0.0359	0.0174	18	0.28	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0571	0.6335	0.0110	0.6201	0.0359	0.0174	18	0.37	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0353	0.6350	0.0300	0.6201	0.0359	0.0174	18	0.42	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0968	0.6400	0.0000	0.6201	0.0359	0.0174	18	0.56	2%	0
134.00	Serine, Post-col Ninhydrin Der (%)	2059	0.6405	0.0090	0.6201	0.0359	0.0174	18	0.57	2%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0859	0.6508	0.0094	0.6201	0.0359	0.0174	18	0.86	2%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0870	0.7548	0.0020	0.6201	0.0359	0.0174	18	3.76	11%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0171	0.8000	0.0200	0.6201	0.0359	0.0174	18	5.01	15%	0
134.02	Serine, Post-col OPA Der (%)	0098	0.5965	0.0290				1			0
134.05	Serine, Pre-col AQC Der (%)	0407	0.5010	0.0000	0.6006	0.0731	0.0012	5			0
134.05	Serine, Pre-col AQC Der (%)	0610	0.5600	0.0000	0.6006	0.0731	0.0012	5			0
134.05	Serine, Pre-col AQC Der (%)	2188	0.6230	0.0000	0.6006	0.0731	0.0012	5			0
134.05	Serine, Pre-col AQC Der (%)	2196	0.6250	0.0000	0.6006	0.0731	0.0012	5			0
134.05	Serine, Pre-col AQC Der (%)	0626	0.6940	0.0060	0.6006	0.0731	0.0012	5			0
134.05	Serine, Pre-col AQC Der (%)	0148	0.6500	0.0400	0.6006	0.0731	0.0012	5			1

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
134.99	Serine, Miscellaneous (%)	0889	0.7100	0.0000				1			0
135.00	Threonine, Post-col Ninhydrin Der (%)	0226	0.4869	0.0025	0.5425	0.0291	0.0161	19	-1.91	5%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0682	0.5000	0.0000	0.5425	0.0291	0.0161	19	-1.46	4%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0619	0.5010	0.0360	0.5425	0.0291	0.0161	19	-1.43	4%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0910	0.5200	0.0000	0.5425	0.0291	0.0161	19	-0.77	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0939	0.5200	0.0400	0.5425	0.0291	0.0161	19	-0.77	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0675	0.5250	0.0100	0.5425	0.0291	0.0161	19	-0.60	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0918	0.5395	0.0273	0.5425	0.0291	0.0161	19	-0.10	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0353	0.5450	0.0100	0.5425	0.0291	0.0161	19	0.09	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0504	0.5450	0.0100	0.5425	0.0291	0.0161	19	0.09	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0652	0.5450	0.0300	0.5425	0.0291	0.0161	19	0.09	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	2339	0.5490	0.0180	0.5425	0.0291	0.0161	19	0.22	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0571	0.5540	0.0100	0.5425	0.0291	0.0161	19	0.40	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	2059	0.5550	0.0040	0.5425	0.0291	0.0161	19	0.43	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0644	0.5565	0.0290	0.5425	0.0291	0.0161	19	0.48	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0859	0.5574	0.0086	0.5425	0.0291	0.0161	19	0.51	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0171	0.5600	0.0200	0.5425	0.0291	0.0161	19	0.60	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0684	0.5750	0.0300	0.5425	0.0291	0.0161	19	1.12	3%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0968	0.5750	0.0100	0.5425	0.0291	0.0161	19	1.12	3%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0870	0.6370	0.0096	0.5425	0.0291	0.0161	19	3.25	9%	0
135.02	Threonine, Post-col OPA Der (%)	0098	0.5515	0.0190				1			0
135.05	Threonine, Pre-col AQC Der (%)	0407	0.4550	0.0000	0.5300	0.0446	0.0060	6	-1.68	7%	0
135.05	Threonine, Pre-col AQC Der (%)	2188	0.5050	0.0000	0.5300	0.0446	0.0060	6	-0.56	2%	0
135.05	Threonine, Pre-col AQC Der (%)	0610	0.5350	0.0100	0.5300	0.0446	0.0060	6	0.11	0%	0
135.05	Threonine, Pre-col AQC Der (%)	2196	0.5520	0.0000	0.5300	0.0446	0.0060	6	0.49	2%	0
135.05	Threonine, Pre-col AQC Der (%)	0148	0.5600	0.0200	0.5300	0.0446	0.0060	6	0.67	3%	0
135.05	Threonine, Pre-col AQC Der (%)	0626	0.5650	0.0060	0.5300	0.0446	0.0060	6	0.78	3%	0
135.99	Threonine, Miscellaneous (%)	0889	0.4200	0.0000				1			0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0684	0.1800	0.0000	0.2240	0.0452	0.0168	7	-0.97	10%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0910	0.1800	0.0400	0.2240	0.0452	0.0168	7	-0.97	10%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0682	0.2090	0.0000	0.2240	0.0452	0.0168	7	-0.33	3%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0619	0.2110	0.0000	0.2240	0.0452	0.0168	7	-0.29	3%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0227	0.2400	0.0000	0.2240	0.0452	0.0168	7	0.35	4%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0870	0.2730	0.0079	0.2240	0.0452	0.0168	7	1.08	11%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0918	0.2750	0.0700	0.2240	0.0452	0.0168	7	1.13	11%	0
136.01	Tryptophan, Alka-Hydrol Rev Phase LC UV (%)	0644	0.2070	0.0020				1			0
136.02	Tryptophan, Alka-Hydrol Post-col OPA De (%)	0098	0.1935	0.0030				1			0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	2339	0.2025	0.0010	0.2049	0.0023	0.0010	4			0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	2059	0.2035	0.0010	0.2049	0.0023	0.0010	4			0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0859	0.2068	0.0019	0.2049	0.0023	0.0010	4			0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0571	0.2070	0.0000	0.2049	0.0023	0.0010	4			0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0353	0.2620	0.0040	0.2049	0.0023	0.0010	4			2

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
136.05	Tryptophan, Pre-col AQC Der (%)	0407	0.3465	0.0050				1			0
136.99	Tryptophan, Miscellaneous (%)	0504	0.1450	0.0100				2			0
136.99	Tryptophan, Miscellaneous (%)	0889	0.3200	0.0000				2			0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0675	0.3400	0.0400	0.4091	0.0500	0.0117	14	-1.38	8%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0910	0.3400	0.0000	0.4091	0.0500	0.0117	14	-1.38	8%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0504	0.3650	0.0100	0.4091	0.0500	0.0117	14	-0.88	5%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0682	0.3810	0.0000	0.4091	0.0500	0.0117	14	-0.56	3%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0968	0.3950	0.0100	0.4091	0.0500	0.0117	14	-0.28	2%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0171	0.4000	0.0400	0.4091	0.0500	0.0117	14	-0.18	1%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0226	0.4041	0.0126	0.4091	0.0500	0.0117	14	-0.10	1%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0684	0.4050	0.0100	0.4091	0.0500	0.0117	14	-0.08	0%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0870	0.4186	0.0058	0.4091	0.0500	0.0117	14	0.19	1%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0644	0.4275	0.0110	0.4091	0.0500	0.0117	14	0.37	2%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	2339	0.4505	0.0010	0.4091	0.0500	0.0117	14	0.83	5%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	2059	0.4525	0.0030	0.4091	0.0500	0.0117	14	0.87	5%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0918	0.4637	0.0102	0.4091	0.0500	0.0117	14	1.09	7%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0353	0.5050	0.0100	0.4091	0.0500	0.0117	14	1.92	12%	0
137.02	Tyrosine, Post-col OPA Der (%)	0098	0.3875	0.0030				1			0
137.05	Tyrosine, Pre-col AQC Der (%)	0626	0.3895	0.0330	0.4701	0.0768	0.0102	6	-1.05	9%	0
137.05	Tyrosine, Pre-col AQC Der (%)	2188	0.4320	0.0000	0.4701	0.0768	0.0102	6	-0.50	4%	0
137.05	Tyrosine, Pre-col AQC Der (%)	2196	0.4540	0.0000	0.4701	0.0768	0.0102	6	-0.21	2%	0
137.05	Tyrosine, Pre-col AQC Der (%)	0610	0.4550	0.0100	0.4701	0.0768	0.0102	6	-0.20	2%	0
137.05	Tyrosine, Pre-col AQC Der (%)	0148	0.5050	0.0100	0.4701	0.0768	0.0102	6	0.45	4%	0
137.05	Tyrosine, Pre-col AQC Der (%)	0407	0.6450	0.0080	0.4701	0.0768	0.0102	6	2.28	19%	0
137.99	Tyrosine, Miscellaneous (%)	0889	0.3200	0.0000				1			0
138.00	Valine, Post-col Ninhydrin Der (%)	0226	0.5199	0.0581	0.6192	0.0303	0.0149	18	-3.28	8%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0675	0.5600	0.0200	0.6192	0.0303	0.0149	18	-1.95	5%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0682	0.5790	0.0000	0.6192	0.0303	0.0149	18	-1.33	3%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0652	0.6000	0.0000	0.6192	0.0303	0.0149	18	-0.63	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0918	0.6012	0.0019	0.6192	0.0303	0.0149	18	-0.59	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	2059	0.6040	0.0060	0.6192	0.0303	0.0149	18	-0.50	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	2339	0.6090	0.0380	0.6192	0.0303	0.0149	18	-0.34	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0353	0.6100	0.0200	0.6192	0.0303	0.0149	18	-0.30	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0968	0.6250	0.0100	0.6192	0.0303	0.0149	18	0.19	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0571	0.6275	0.0030	0.6192	0.0303	0.0149	18	0.27	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0859	0.6297	0.0037	0.6192	0.0303	0.0149	18	0.35	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0171	0.6350	0.0500	0.6192	0.0303	0.0149	18	0.52	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0910	0.6400	0.0000	0.6192	0.0303	0.0149	18	0.69	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0870	0.6414	0.0090	0.6192	0.0303	0.0149	18	0.73	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0644	0.6415	0.0050	0.6192	0.0303	0.0149	18	0.74	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0504	0.6450	0.0100	0.6192	0.0303	0.0149	18	0.85	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0684	0.6450	0.0300	0.6192	0.0303	0.0149	18	0.85	2%	0



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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
138.00	Valine, Post-col Ninhydrin Der (%)	0619	0.6960	0.0040	0.6192	0.0303	0.0149	18	2.53	6%	0
138.02	Valine, Post-col OPA Der (%)	0098	0.6355	0.0110				1			0
138.05	Valine, Pre-col AQC Der (%)	2196	0.5800	0.0000	0.6209	0.0275	0.0018	5			0
138.05	Valine, Pre-col AQC Der (%)	2188	0.6050	0.0000	0.6209	0.0275	0.0018	5			0
138.05	Valine, Pre-col AQC Der (%)	0626	0.6360	0.0060	0.6209	0.0275	0.0018	5			0
138.05	Valine, Pre-col AQC Der (%)	0610	0.6400	0.0000	0.6209	0.0275	0.0018	5			0
138.05	Valine, Pre-col AQC Der (%)	0407	0.6435	0.0030	0.6209	0.0275	0.0018	5			0
138.05	Valine, Pre-col AQC Der (%)	0148	0.6050	0.0500	0.6209	0.0275	0.0018	5			1
138.99	Valine, Miscellaneous (%)	0889	0.5000	0.0000				1			0
139.00	Taurine, Post-col Ninhydrin Der (%)	0682	0.0580	0.0000				2			0
139.00	Taurine, Post-col Ninhydrin Der (%)	0504	0.1450	0.0100				2			0
139.02	Taurine, Post-col OPA Der (%)	0098	< 0.01					0			5
139.05	Taurine, Pre-col AQC Der (%)	0407	0.0035	0.0030				1			0
139.99	Taurine, Miscellaneous (%)	0889	0.0300	0.0000				1			0
139.99	Taurine, Miscellaneous (%)	0227	< 0.01					1			5
160.10	Fructose, HPAEC PAD (%)	0297	0.0795	0.0350				1			0
160.99	Fructose, Miscellaneous (%)	0889	0.0000	0.0000				0			4
161.10	Galactose, HPAEC PAD (%)	0297	0.0000	0.0000				0			4
162.10	Glucose, HPAEC PAD (%)	0297	0.0880	0.0240				1			0
162.99	Glucose, Miscellaneous (%)	0889	0.0000	0.0000				0			4
163.10	Lactose, HPAEC PAD (%)	0297	0.0000	0.0000				0			4
164.10	Maltose, HPAEC PAD (%)	0297	0.1450	0.0100				1			0
165.10	Sucrose, HPAEC PAD (%)	0297	1.349	0.0290				1			0
165.99	Sucrose, Miscellaneous (%)	0889	0.0000	0.0000				0			4
166.10	Raffinose, HPAEC PAD (%)	0297	0.6600	0.0200				1			0
166.99	Raffinose, Miscellaneous (%)	0227	0.6200	0.0400				1			0
167.10	Stachyose, HPAEC PAD (%)	0297	0.1700	0.0200				1			0
167.99	Stachyose, Miscellaneous (%)	0227	0.3400	0.0000				1			0
400.01	Water Activity, Aqualab chilled mirror (Units)	0843	0.3773	0.0061	0.4169	0.0361	0.0050	10	-1.10	5%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	2174	0.3920	0.0080	0.4169	0.0361	0.0050	10	-0.69	3%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	0942	0.3950	0.0040	0.4169	0.0361	0.0050	10	-0.61	3%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	0589	0.4005	0.0090	0.4169	0.0361	0.0050	10	-0.45	2%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	0407	0.4019	0.0003	0.4169	0.0361	0.0050	10	-0.42	2%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	2168	0.4105	0.0050	0.4169	0.0361	0.0050	10	-0.18	1%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	2303	0.4115	0.0008	0.4169	0.0361	0.0050	10	-0.15	1%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	2268	0.4475	0.0110	0.4169	0.0361	0.0050	10	0.85	4%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	2181	0.4618	0.0011	0.4169	0.0361	0.0050	10	1.24	5%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	2109	0.5219	0.0048	0.4169	0.0361	0.0050	10	2.91	13%	0
400.99	Water Activity, Miscellaneous (Units)	0843	0.3790	0.0080				2			0
400.99	Water Activity, Miscellaneous (Units)	2073	0.4155	0.0010				2			0
516.00	Arsenic, Total, AA, Hydride (ppm)	0171	0.1820	0.0000				2			0
516.00	Arsenic, Total, AA, Hydride (ppm)	0045	0.1960	0.0140				2			0

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516.43	Arsenic, Total, ICP, Microwave (ppm)	0555	< 2						0		5
516.43	Arsenic, Total, ICP, Microwave (ppm)	0682	< 10						0		5
516.52	Arsenic, Total, ICP-MS, Open vessel (ppm)	0910	0.2050	0.0100					1		0
516.53	Arsenic, Total, ICP-MS, Microwave (ppm)	0553	0.1920	0.0180	0.2297	0.0454	0.0200		4		0
516.53	Arsenic, Total, ICP-MS, Microwave (ppm)	0407	0.1975	0.0210	0.2297	0.0454	0.0200		4		0
516.53	Arsenic, Total, ICP-MS, Microwave (ppm)	0918	0.2393	0.0010	0.2297	0.0454	0.0200		4		0
516.53	Arsenic, Total, ICP-MS, Microwave (ppm)	0939	0.2900	0.0400	0.2297	0.0454	0.0200		4		0
518.41	Cadmium, ICP, Dry ash (ppm)	0171	0.1155	0.0010					2		0
518.41	Cadmium, ICP, Dry ash (ppm)	0407	0.1728	0.0097					2		0
518.43	Cadmium, ICP, Microwave (ppm)	0407	0.1704	0.0030					3		0
518.43	Cadmium, ICP, Microwave (ppm)	0968	0.2020	0.0060					3		0
518.43	Cadmium, ICP, Microwave (ppm)	0682	0.2800	0.0000					3		0
518.52	Cadmium, ICP-MS, Open vessel (ppm)	0910	0.1650	0.0100					1		0
518.53	Cadmium, ICP-MS, Microwave (ppm)	0407	0.1660	0.0080	0.1800	0.0105	0.0068		4		0
518.53	Cadmium, ICP-MS, Microwave (ppm)	0918	0.1787	0.0043	0.1800	0.0105	0.0068		4		0
518.53	Cadmium, ICP-MS, Microwave (ppm)	0553	0.1855	0.0090	0.1800	0.0105	0.0068		4		0
518.53	Cadmium, ICP-MS, Microwave (ppm)	2055	0.1900	0.0060	0.1800	0.0105	0.0068		4		0
518.53	Cadmium, ICP-MS, Microwave (ppm)	0939	0.1800	0.0400	0.1800	0.0105	0.0068		4		1
520.41	Chromium, ICP, Dry ash (ppm)	0171	8.907	0.0360					2		0
520.41	Chromium, ICP, Dry ash (ppm)	0407	12.77	0.4574					2		0
520.42	Chromium, ICP, Open vessel (ppm)	0693	17.31	0.7640					2		0
520.42	Chromium, ICP, Open vessel (ppm)	0045	17.35	2.100					2		0
520.43	Chromium, ICP, Microwave (ppm)	0968	7.993	0.2060					3		0
520.43	Chromium, ICP, Microwave (ppm)	0407	18.99	0.1741					3		0
520.43	Chromium, ICP, Microwave (ppm)	0682	21.60	0.0000					3		0
520.53	Chromium, ICP-MS, Microwave (ppm)	0918	5.356	0.0304	15.70	6.995	0.7999		4		0
520.53	Chromium, ICP-MS, Microwave (ppm)	0407	18.29	0.8690	15.70	6.995	0.7999		4		0
520.53	Chromium, ICP-MS, Microwave (ppm)	0939	18.36	1.900	15.70	6.995	0.7999		4		0
520.53	Chromium, ICP-MS, Microwave (ppm)	0553	20.80	0.4000	15.70	6.995	0.7999		4		0
526.41	Lead, ICP, Dry ash (ppm)	0171	0.1715	0.0110					2		0
526.41	Lead, ICP, Dry ash (ppm)	0407	0.2505	0.0177					2		0
526.43	Lead, ICP, Microwave (ppm)	0407	0.2155	0.0094					1		0
526.43	Lead, ICP, Microwave (ppm)	0682	< 3						1		5
526.52	Lead, ICP-MS, Open vessel (ppm)	0910	0.2150	0.0100					1		0
526.53	Lead, ICP-MS, Microwave (ppm)	0610	0.2050	0.0100					3		0
526.53	Lead, ICP-MS, Microwave (ppm)	0407	0.2105	0.0170					3		0
526.53	Lead, ICP-MS, Microwave (ppm)	0918	0.2275	0.0078					3		0
526.53	Lead, ICP-MS, Microwave (ppm)	0939	0.2300	0.1200					3		1
529.99	Mercury, Miscellaneous (ppb)	0407	6.769	0.1890					1		0
529.99	Mercury, Miscellaneous (ppb)	0682	< 10000						1		5
539.41	Nickel, ICP, Dry ash (ppm)	0171	5.941	0.0840					2		0
539.41	Nickel, ICP, Dry ash (ppm)	0407	6.757	0.0668					2		0

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539.43	Nickel, ICP, Microwave (ppm)	0407	7.736	0.2572				2		0	
539.43	Nickel, ICP, Microwave (ppm)	0682	8.980	0.0000				2		0	
539.53	Nickel, ICP-MS, Microwave (ppm)	0939	7.430	0.7600				3		0	
539.53	Nickel, ICP-MS, Microwave (ppm)	0407	7.749	0.2780				3		0	
539.53	Nickel, ICP-MS, Microwave (ppm)	0918	7.963	3.454				3		0	
702.00	Butyric Acid (4:0), Miscellaneous GC (%)	0619	0.0000	0.0000				0		4	
702.00	Butyric Acid (4:0), Miscellaneous GC (%)	0164	< 0.02					0		5	
704.00	Caproic Acid (6:0) , Miscellaneous GC (%)	0619	0.0026	0.0002				1		0	
704.00	Caproic Acid (6:0) , Miscellaneous GC (%)	0164	< 0.02					1		5	
706.01	Caprylic acid (8:0), Direct Methylation by Alkali Hydrolysis	0619	0.0004	0.0000				1		0	
706.99	Caprylic acid (8:0), Miscellaneous (% (w/w))	0164	< 0.02					0		5	
708.01	Capric acid (10:0), Direct Methylation by Alkali Hydrolysis	0619	0.0002	0.0000				1		0	
708.99	Capric acid (10:0), Miscellaneous (% (w/w))	0164	< 0.02					0		5	
710.01	Lauric Acid (12:0), Direct Methylation by Alkali Hydrolysis	0619	0.0021	0.0000				1		0	
710.99	Lauric Acid (12:0), Miscellaneous (% (w/w))	0226	< 0.005					0		5	
710.99	Lauric Acid (12:0), Miscellaneous (% (w/w))	0164	< 0.02					0		5	
714.01	Myristic Acid (14:0) , Direct Methylation by Alkali Hydrolysi	0619	0.0368	0.0000				1		0	
714.99	Myristic Acid (14:0) , Miscellaneous (% (w/w))	0226	0.0069	0.0007				3		0	
714.99	Myristic Acid (14:0) , Miscellaneous (% (w/w))	0171	0.0075	0.0010				3		0	
714.99	Myristic Acid (14:0) , Miscellaneous (% (w/w))	0910	0.1000	0.0000				3		0	
714.99	Myristic Acid (14:0) , Miscellaneous (% (w/w))	0164	< 0.02					3		5	
716.01	Palmitic Acid (16:0), Direct Methylation by Alkali Hydrolysi	0619	1.042	0.0365				1		0	
716.99	Palmitic Acid (16:0), Miscellaneous (% (w/w))	0171	0.9375	0.0050				2		0	
716.99	Palmitic Acid (16:0), Miscellaneous (% (w/w))	0226	0.9787	0.0014				2		0	
716.99	Palmitic Acid (16:0), Miscellaneous (% (w/w))	0164	1.085	0.0300				2		1	
716.99	Palmitic Acid (16:0), Miscellaneous (% (w/w))	0910	12.45	0.0000				2		2	
718.01	Palmitoleic Acid (9c-16:1), Direct Methylation by Alkali Hyc	0619	0.0337	0.0005				1		0	
718.99	Palmitoleic Acid (9c-16:1), Miscellaneous (% (w/w))	0171	0.0075	0.0010				2		0	
718.99	Palmitoleic Acid (9c-16:1), Miscellaneous (% (w/w))	0226	0.0101	0.0006				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))	0171	0.0065	0.0010				1		0	
720.99	Margaric acid (17:0), Miscellaneous (% (w/w))	0164	< 0.02					1		5	
722.01	Stearic Acid (18:0), Direct Methylation by Alkali Hydrolysis	0619	0.1819	0.0095				1		0	
722.99	Stearic Acid (18:0), Miscellaneous (% (w/w))	0171	0.2685	0.0030				3		0	
722.99	Stearic Acid (18:0), Miscellaneous (% (w/w))	0226	0.2792	0.0060				3		0	
722.99	Stearic Acid (18:0), Miscellaneous (% (w/w))	0164	0.2950	0.0100				3		0	
722.99	Stearic Acid (18:0), Miscellaneous (% (w/w))	0910	3.640	0.0000				3		2	
724.01	Oleic Acid (9c-18:1), Direct Methylation by Alkali Hydrolysi	0619	1.697	0.0964				1		0	
724.99	Oleic Acid (9c-18:1), Miscellaneous (% (w/w))	0226	1.478	0.0532				3		0	
724.99	Oleic Acid (9c-18:1), Miscellaneous (% (w/w))	0171	1.478	0.0120				3		0	
724.99	Oleic Acid (9c-18:1), Miscellaneous (% (w/w))	0164	1.495	0.0300				3		0	
724.99	Oleic Acid (9c-18:1), Miscellaneous (% (w/w))	0910	19.26	0.0000				3		2	

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
726.01	Linoleic Acid (9c,12c-18:2), Direct Methylation by Alkali Hy	0619	5.439	0.6194				1		0	
726.02	Linoleic Acid (9c,12c-18:2), Direct Methylation by Acid-Alk	0148	4.115	0.1900				1		0	
726.99	Linoleic Acid (9c,12c-18:2), Miscellaneous (% (w/w))	0171	3.845	0.0480				3		0	
726.99	Linoleic Acid (9c,12c-18:2), Miscellaneous (% (w/w))	0164	3.860	0.0600				3		0	
726.99	Linoleic Acid (9c,12c-18:2), Miscellaneous (% (w/w))	0226	3.879	0.1844				3		0	
726.99	Linoleic Acid (9c,12c-18:2), Miscellaneous (% (w/w))	0910	52.91	0.0000				3		2	
728.01	alpha-Linolenic Acid (9c,12c,15c-18:3), Direct Methylation	0619	0.5193	0.0162				1		0	
728.99	alpha-Linolenic Acid (9c,12c,15c-18:3), Miscellaneous (%	0171	0.4565	0.0130				3		0	
728.99	alpha-Linolenic Acid (9c,12c,15c-18:3), Miscellaneous (%	0226	0.5021	0.0420				3		0	
728.99	alpha-Linolenic Acid (9c,12c,15c-18:3), Miscellaneous (%	0164	0.5050	0.0100				3		0	
728.99	alpha-Linolenic Acid (9c,12c,15c-18:3), Miscellaneous (%	0910	6.840	0.0000				3		2	
730.01	Arachidic Acid (20:0), Direct Methylation by Alkali Hydroly:	0619	0.0420	0.0002				1		0	
730.99	Arachidic Acid (20:0), Miscellaneous (% (w/w))	0226	0.0251	0.0000				2		0	
730.99	Arachidic Acid (20:0), Miscellaneous (% (w/w))	0164	0.0300	0.0000				2		0	
730.99	Arachidic Acid (20:0), Miscellaneous (% (w/w))	0171	0.0195	0.0010				2		1	
730.99	Arachidic Acid (20:0), Miscellaneous (% (w/w))	0910	0.3300	0.0000				2		2	
732.01	Gondoic Acid (11c-20:1), Direct Methylation by Alkali Hydr	0619	0.0395	0.0011				1		0	
732.99	Gondoic Acid (11c-20:1), Miscellaneous (% (w/w))	0171	0.0190	0.0020				3		0	
732.99	Gondoic Acid (11c-20:1), Miscellaneous (% (w/w))	0226	0.0271	0.0007				3		0	
732.99	Gondoic Acid (11c-20:1), Miscellaneous (% (w/w))	0164	0.0300	0.0000				3		0	
736.01	Arachidonic Acid (5c,8c,11c,14c-20:4), Direct Methylation	0619	0.0000	0.0000				0		4	
736.99	Arachidonic Acid (5c,8c,11c,14c-20:4), Miscellaneous (%	0164	< 0.02					0		5	
738.01	Mead Acid (11c,14c,17c-20:3), Direct Methylation by Alkal	0619	0.0000	0.0000				0		4	
740.01	Eicosapentaenoic Acid EPA (5c,8c,11c,14c,17c-20:5), Dirr	0619	0.0000	0.0000				0		4	
740.99	Eicosapentaenoic Acid EPA (5c,8c,11c,14c,17c-20:5), Mis	0226	0.0000	0.0000				0		4	
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))	0171	0.0205	0.0010				3		0	
742.99	Behenic Acid (22:0), Miscellaneous (% (w/w))	0226	0.0261	0.0005				3		0	
742.99	Behenic Acid (22:0), Miscellaneous (% (w/w))	0164	0.0300	0.0000				3		0	
742.99	Behenic Acid (22:0), Miscellaneous (% (w/w))	0910	0.3700	0.0000				3		2	
744.01	Erucic Acid (13c-22:1), Direct Methylation by Alkali Hydrol	0619	0.0350	0.0007				1		0	
744.99	Erucic Acid (13c-22:1), Miscellaneous (% (w/w))	0171	0.0090	0.0020				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	
746.01	Docosapentaenoic Acid n-3 DPA (7c,10c,13c,16c,19c-22:!	0619	0.0000	0.0000				0		4	
746.99	Docosapentaenoic Acid n-3 DPA (7c,10c,13c,16c,19c-22:!	0226	0.0000	0.0000				0		4	
746.99	Docosapentaenoic Acid n-3 DPA (7c,10c,13c,16c,19c-22:!	0164	< 0.02					0		5	
748.99	Lignoceric Acid (24:0), Miscellaneous (% (w/w))	0171	0.0105	0.0010				3		0	
748.99	Lignoceric Acid (24:0), Miscellaneous (% (w/w))	0226	0.0170	0.0004				3		0	
748.99	Lignoceric Acid (24:0), Miscellaneous (% (w/w))	0164	0.0200	0.0000				3		0	
750.01	Docosahexaenoic Acid DHA (4c,7c,10c,13c,16c,19c-22:6)	0619	0.0000	0.0000				0		4	
750.99	Docosahexaenoic Acid DHA (4c,7c,10c,13c,16c,19c-22:6)	0226	0.0000	0.0000				0		4	

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
750.99	Docosahexaenoic Acid DHA (4c,7c,10c,13c,16c,19c-22:6)	0164	< 0.02						0		5
752.01	Nervonic Acid (24:1) isomers, Direct Methylation by Alkali	0619	0.0000	0.0000					0		4
752.99	Nervonic Acid (24:1) isomers, Miscellaneous (% (w/w))	0226	< 0.005						0		5
752.99	Nervonic Acid (24:1) isomers, Miscellaneous (% (w/w))	0164	< 0.02						0		5
754.02	Total n-3 Polyunsaturated (Omega-3) Fatty Acids, Direct M	0148	0.5590	0.0260					2		0
754.02	Total n-3 Polyunsaturated (Omega-3) Fatty Acids, Direct M	0629	4.363	0.0250					2		0
754.99	Total n-3 Polyunsaturated (Omega-3) Fatty Acids, Miscell:	0171	0.4565	0.0130					2		0
754.99	Total n-3 Polyunsaturated (Omega-3) Fatty Acids, Miscell:	0164	0.5200	0.0000					2		0
754.99	Total n-3 Polyunsaturated (Omega-3) Fatty Acids, Miscell:	0610	0.6500	0.1000					2		1
754.99	Total n-3 Polyunsaturated (Omega-3) Fatty Acids, Miscell:	0910	6.620	0.0000					2		2
756.01	Total n-6 Polyunsaturated (Omega-6) Fatty Acids, Direct M	0148	4.115	0.1900					1		0
756.02	Total n-6 Polyunsaturated (Omega-6) Fatty Acids, Direct M	0629	0.6065	0.0070					1		0
756.99	Total n-6 Polyunsaturated (Omega-6) Fatty Acids, Miscell:	0171	3.845	0.0480					2		0
756.99	Total n-6 Polyunsaturated (Omega-6) Fatty Acids, Miscell:	0164	3.875	0.0500					2		0
756.99	Total n-6 Polyunsaturated (Omega-6) Fatty Acids, Miscell:	0610	5.100	0.6000					2		1
756.99	Total n-6 Polyunsaturated (Omega-6) Fatty Acids, Miscell:	0910	50.65	0.0000					2		2
758.99	Total Saturated Fatty Acids, Miscellaneous (% (w/w))	0171	1.271	0.0070					2		0
758.99	Total Saturated Fatty Acids, Miscellaneous (% (w/w))	0164	1.490	0.0400					2		0
762.99	Total Monounsaturated Fatty Acids, Miscellaneous (% (w/w))	0171	1.607	0.0110					1		0
764.99	Total cis Monounsaturated Fatty Acids, Miscellaneous (% (w/w))	0164	1.665	0.0300					1		0
766.99	Total Polyunsaturated Fatty Acids, Miscellaneous (% (w/v))	0171	4.302	0.0590					1		0
768.99	Total cis Polyunsaturated Fatty Acids, Miscellaneous (% (w/w))	0164	4.390	0.0600					1		0
770.99	Total Fat (equivalent to NLEA), Miscellaneous (% (w/w))	0164	7.920	0.1400					1		0
772.99	Total Fatty Acids, Miscellaneous (% (w/w))	0171	7.179	0.0770					3		0
772.99	Total Fatty Acids, Miscellaneous (% (w/w))	0226	7.229	0.2725					3		0
772.99	Total Fatty Acids, Miscellaneous (% (w/w))	0164	7.595	0.1300					3		0

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