



AAFCO
Association of American Feed Control Officials



Animal Feed Scheme

Calf Starter, Medicated

Test Material Code # 202523

Method Proficiency Testing Report

Labs Reporting: 165

Methods Reported 384

Issue Date : 04/30/2025

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs			
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0169	7.530	0.0200	8.267	0.6831	0.0576	4			0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	2492	7.870	0.0000	8.267	0.6831	0.0576	4			0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0504	8.665	0.1100	8.267	0.6831	0.0576	4			0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0407	9.002	0.0429	8.267	0.6831	0.0576	4			0
001.03	Loss on Drying, Low temp. methods (%)	0843	8.160	0.1800				2			0
001.03	Loss on Drying, Low temp. methods (%)	0202	8.205	0.1100				2			0
001.05	Loss on Drying, LECO (%)	0644	7.710	0.0200				1			0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0278	6.235	0.2700	8.053	0.2945	0.1078	43	-6.17	11%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2144	6.680	0.0000	8.053	0.2945	0.1078	43	-4.66	9%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0353	6.820	0.1000	8.053	0.2945	0.1078	43	-4.19	8%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0366	7.600	0.2000	8.053	0.2945	0.1078	43	-1.54	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0358	7.655	0.1900	8.053	0.2945	0.1078	43	-1.35	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2146	7.665	0.0300	8.053	0.2945	0.1078	43	-1.32	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0675	7.810	0.0400	8.053	0.2945	0.1078	43	-0.82	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0226	7.815	0.1500	8.053	0.2945	0.1078	43	-0.81	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0596	7.820	0.0600	8.053	0.2945	0.1078	43	-0.79	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0148	7.830	0.1200	8.053	0.2945	0.1078	43	-0.76	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2190	7.840	0.0600	8.053	0.2945	0.1078	43	-0.72	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0049	7.855	0.3500	8.053	0.2945	0.1078	43	-0.67	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0038	7.895	0.0100	8.053	0.2945	0.1078	43	-0.54	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2192	7.920	0.0200	8.053	0.2945	0.1078	43	-0.45	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0015	7.925	0.1100	8.053	0.2945	0.1078	43	-0.43	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0027	7.939	0.0270	8.053	0.2945	0.1078	43	-0.39	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0505	7.960	0.0200	8.053	0.2945	0.1078	43	-0.31	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0003	7.965	0.3100	8.053	0.2945	0.1078	43	-0.30	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0089	7.985	0.0100	8.053	0.2945	0.1078	43	-0.23	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2259	8.020	0.0460	8.053	0.2945	0.1078	43	-0.11	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0066	8.055	0.0500	8.053	0.2945	0.1078	43	0.01	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2492	8.075	0.0100	8.053	0.2945	0.1078	43	0.08	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0035	8.080	0.0400	8.053	0.2945	0.1078	43	0.09	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0853	8.100	0.2000	8.053	0.2945	0.1078	43	0.16	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0843	8.160	0.1800	8.053	0.2945	0.1078	43	0.36	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0199	8.180	0.0800	8.053	0.2945	0.1078	43	0.43	1%	0

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Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs			
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0682	8.180	0.0000	8.053	0.2945	0.1078	43	0.43	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2059	8.180	0.0800	8.053	0.2945	0.1078	43	0.43	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0045	8.200	0.4000	8.053	0.2945	0.1078	43	0.50	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0689	8.200	0.0000	8.053	0.2945	0.1078	43	0.50	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0650	8.210	0.0000	8.053	0.2945	0.1078	43	0.53	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0512	8.219	0.1410	8.053	0.2945	0.1078	43	0.56	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0589	8.220	0.1000	8.053	0.2945	0.1078	43	0.57	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0876	8.300	0.0000	8.053	0.2945	0.1078	43	0.84	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0571	8.310	0.0400	8.053	0.2945	0.1078	43	0.87	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0407	8.322	0.0848	8.053	0.2945	0.1078	43	0.92	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0028	8.340	0.0600	8.053	0.2945	0.1078	43	0.98	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0872	8.370	0.0400	8.053	0.2945	0.1078	43	1.08	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0083	8.375	0.1500	8.053	0.2945	0.1078	43	1.09	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0590	8.405	0.1300	8.053	0.2945	0.1078	43	1.20	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0098	8.460	0.2600	8.053	0.2945	0.1078	43	1.38	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0581	8.485	0.3100	8.053	0.2945	0.1078	43	1.47	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0413	8.580	0.0400	8.053	0.2945	0.1078	43	1.79	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0074	8.000	1.000	8.053	0.2945	0.1078	43	-0.18	0%	1
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0297	8.045	0.7700	8.053	0.2945	0.1078	43	-0.03	0%	1
001.99	Loss on Drying, Miscellaneous (%)	0618	6.445	0.2900	7.884	0.3682	0.1033	15	-3.91	9%	0
001.99	Loss on Drying, Miscellaneous (%)	0676	7.380	0.1000	7.884	0.3682	0.1033	15	-1.37	3%	0
001.99	Loss on Drying, Miscellaneous (%)	0186	7.615	0.1700	7.884	0.3682	0.1033	15	-0.73	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0019	7.645	0.2500	7.884	0.3682	0.1033	15	-0.65	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0720	7.750	0.1000	7.884	0.3682	0.1033	15	-0.36	1%	0
001.99	Loss on Drying, Miscellaneous (%)	2319	7.800	0.0000	7.884	0.3682	0.1033	15	-0.23	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0629	7.815	0.0700	7.884	0.3682	0.1033	15	-0.19	0%	0
001.99	Loss on Drying, Miscellaneous (%)	0918	7.880	0.0800	7.884	0.3682	0.1033	15	-0.01	0%	0
001.99	Loss on Drying, Miscellaneous (%)	0852	7.880	0.0400	7.884	0.3682	0.1033	15	-0.01	0%	0
001.99	Loss on Drying, Miscellaneous (%)	0610	7.995	0.0100	7.884	0.3682	0.1033	15	0.30	1%	0
001.99	Loss on Drying, Miscellaneous (%)	2268	8.090	0.2000	7.884	0.3682	0.1033	15	0.56	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0510	8.100	0.0000	7.884	0.3682	0.1033	15	0.59	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0948	8.100	0.0200	7.884	0.3682	0.1033	15	0.59	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0357	8.872	0.0412	7.884	0.3682	0.1033	15	2.68	6%	0
001.99	Loss on Drying, Miscellaneous (%)	0536	10.81	0.0100	7.884	0.3682	0.1033	15	7.93	19%	0
001.99	Loss on Drying, Miscellaneous (%)	2155	6.830	0.6000	7.884	0.3682	0.1033	15	-2.86	7%	1
001.99	Loss on Drying, Miscellaneous (%)	0596	92.31	0.1500	7.884	0.3682	0.1033	15	>100	535%	2
002.00	Protein, Crude, Crude (%)	0169	16.47	0.0500				1			0
002.01	Protein, Crude, Auto Kjel-Foss (%)	0870	17.53	0.2080	17.78	0.1516	0.0921	15	-1.69	1%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	2482	17.60	0.1000	17.78	0.1516	0.0921	15	-1.21	1%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	2196	17.65	0.0000	17.78	0.1516	0.0921	15	-0.88	0%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	0968	17.67	0.0000	17.78	0.1516	0.0921	15	-0.75	0%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	2322	17.71	0.0600	17.78	0.1516	0.0921	15	-0.49	0%	0

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			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs			
002.01	Protein, Crude, Auto Kjell-Foss (%)	2259	17.75	0.0300	17.78	0.1516	0.0921	15	-0.25	0%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	2434	17.75	0.0000	17.78	0.1516	0.0921	15	-0.22	0%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	0043	17.77	0.1190	17.78	0.1516	0.0921	15	-0.08	0%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	0227	17.82	0.2500	17.78	0.1516	0.0921	15	0.21	0%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	2457	17.85	0.1000	17.78	0.1516	0.0921	15	0.44	0%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	2193	17.86	0.0200	17.78	0.1516	0.0921	15	0.50	0%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	0610	17.88	0.0500	17.78	0.1516	0.0921	15	0.60	0%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	0674	17.91	0.0000	17.78	0.1516	0.0921	15	0.83	0%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	2325	17.98	0.0200	17.78	0.1516	0.0921	15	1.30	1%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	2188	18.22	0.0000	17.78	0.1516	0.0921	15	2.88	1%	0
002.02	Protein, Crude, Semiauto Autoanalyzer (%)	0066	17.86	0.0200				1			0
002.04	Protein, Crude, Copper Catalyst (%)	2022	17.84	0.0500				2			0
002.04	Protein, Crude, Copper Catalyst (%)	0504	17.92	0.1500				2			0
002.05	Protein, Crude, Copper, Boric Acid (%)	2006	17.22	0.0700	17.76	0.2545	0.1392	21	-2.14	2%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2181	17.25	0.0800	17.76	0.2545	0.1392	21	-2.00	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0689	17.50	0.2000	17.76	0.2545	0.1392	21	-1.02	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2199	17.50	0.0000	17.76	0.2545	0.1392	21	-1.02	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0563	17.56	0.0073	17.76	0.2545	0.1392	21	-0.77	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0651	17.65	0.1846	17.76	0.2545	0.1392	21	-0.45	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0643	17.65	0.1900	17.76	0.2545	0.1392	21	-0.44	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0536	17.73	0.0300	17.76	0.2545	0.1392	21	-0.13	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2022	17.73	0.0300	17.76	0.2545	0.1392	21	-0.13	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2192	17.74	0.1200	17.76	0.2545	0.1392	21	-0.07	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2115	17.76	0.1100	17.76	0.2545	0.1392	21	-0.02	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0354	17.77	0.0100	17.76	0.2545	0.1392	21	0.02	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0948	17.78	0.0700	17.76	0.2545	0.1392	21	0.06	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2506	17.81	0.2900	17.76	0.2545	0.1392	21	0.18	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2492	17.87	0.0300	17.76	0.2545	0.1392	21	0.42	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0939	17.88	0.1100	17.76	0.2545	0.1392	21	0.46	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2146	17.90	0.1000	17.76	0.2545	0.1392	21	0.55	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2190	18.07	0.2000	17.76	0.2545	0.1392	21	1.22	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0941	18.10	0.4700	17.76	0.2545	0.1392	21	1.32	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2514	18.10	0.3100	17.76	0.2545	0.1392	21	1.32	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2489	18.53	0.3500	17.76	0.2545	0.1392	21	3.01	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0089	16.74	0.0100	18.06	0.3101	0.1934	109	-4.27	4%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2476	16.84	0.1860	18.06	0.3101	0.1934	109	-3.93	3%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0870	16.88	0.1000	18.06	0.3101	0.1934	109	-3.82	3%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0242	17.29	0.3100	18.06	0.3101	0.1934	109	-2.50	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0510	17.35	0.1000	18.06	0.3101	0.1934	109	-2.29	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0676	17.45	0.1000	18.06	0.3101	0.1934	109	-1.96	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0045	17.55	0.1000	18.06	0.3101	0.1934	109	-1.64	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0511	17.64	0.1300	18.06	0.3101	0.1934	109	-1.37	1%	0

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			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs			
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0074	17.65	0.5300	18.06	0.3101	0.1934	109	-1.34	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0010	17.65	0.1470	18.06	0.3101	0.1934	109	-1.33	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0038	17.70	0.0000	18.06	0.3101	0.1934	109	-1.16	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0956	17.70	0.6000	18.06	0.3101	0.1934	109	-1.16	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0227	17.72	0.0600	18.06	0.3101	0.1934	109	-1.09	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0035	17.74	0.5200	18.06	0.3101	0.1934	109	-1.03	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0300	17.75	0.5000	18.06	0.3101	0.1934	109	-1.00	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0413	17.75	0.1000	18.06	0.3101	0.1934	109	-1.00	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0968	17.75	0.0000	18.06	0.3101	0.1934	109	-1.00	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2168	17.75	0.3000	18.06	0.3101	0.1934	109	-1.00	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0872	17.77	0.0060	18.06	0.3101	0.1934	109	-0.95	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2174	17.78	0.3100	18.06	0.3101	0.1934	109	-0.92	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0589	17.79	0.0800	18.06	0.3101	0.1934	109	-0.87	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0590	17.79	0.0400	18.06	0.3101	0.1934	109	-0.87	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2115	17.80	0.1100	18.06	0.3101	0.1934	109	-0.85	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2349	17.80	0.2000	18.06	0.3101	0.1934	109	-0.84	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0644	17.80	0.0000	18.06	0.3101	0.1934	109	-0.84	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0675	17.84	0.0800	18.06	0.3101	0.1934	109	-0.71	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0546	17.84	0.1170	18.06	0.3101	0.1934	109	-0.71	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0848	17.85	0.1000	18.06	0.3101	0.1934	109	-0.67	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0610	17.88	0.0500	18.06	0.3101	0.1934	109	-0.59	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0512	17.88	0.1600	18.06	0.3101	0.1934	109	-0.58	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2268	17.88	0.5200	18.06	0.3101	0.1934	109	-0.58	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0003	17.90	0.6000	18.06	0.3101	0.1934	109	-0.51	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0108	17.90	0.4000	18.06	0.3101	0.1934	109	-0.51	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0504	17.93	0.1100	18.06	0.3101	0.1934	109	-0.43	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0100	17.94	0.1200	18.06	0.3101	0.1934	109	-0.38	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2181	17.94	0.0800	18.06	0.3101	0.1934	109	-0.38	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0144	17.95	0.0900	18.06	0.3101	0.1934	109	-0.37	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0876	17.95	0.2100	18.06	0.3101	0.1934	109	-0.37	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0033	17.95	0.1000	18.06	0.3101	0.1934	109	-0.35	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0366	17.95	0.1000	18.06	0.3101	0.1934	109	-0.35	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0098	17.95	0.3000	18.06	0.3101	0.1934	109	-0.35	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0720	17.95	0.3000	18.06	0.3101	0.1934	109	-0.35	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0505	17.96	0.1100	18.06	0.3101	0.1934	109	-0.34	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0358	17.97	0.1900	18.06	0.3101	0.1934	109	-0.30	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0571	17.98	0.2300	18.06	0.3101	0.1934	109	-0.27	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0948	17.98	0.0300	18.06	0.3101	0.1934	109	-0.27	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0539	17.99	0.1500	18.06	0.3101	0.1934	109	-0.24	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0006	18.00	0.1600	18.06	0.3101	0.1934	109	-0.19	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2388	18.00	0.4000	18.06	0.3101	0.1934	109	-0.19	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2150	18.02	0.1700	18.06	0.3101	0.1934	109	-0.14	0%	0

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Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs			
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0171	18.02	0.0400	18.06	0.3101	0.1934	109	-0.13	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0541	18.02	0.6400	18.06	0.3101	0.1934	109	-0.13	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0123	18.02	0.0200	18.06	0.3101	0.1934	109	-0.13	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0011	18.04	0.0300	18.06	0.3101	0.1934	109	-0.08	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0049	18.05	0.1000	18.06	0.3101	0.1934	109	-0.03	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0004	18.06	0.0100	18.06	0.3101	0.1934	109	-0.01	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0226	18.06	0.4600	18.06	0.3101	0.1934	109	0.00	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0263	18.07	0.0030	18.06	0.3101	0.1934	109	0.04	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0939	18.08	0.1200	18.06	0.3101	0.1934	109	0.07	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0964	18.09	0.0150	18.06	0.3101	0.1934	109	0.11	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0278	18.10	0.4000	18.06	0.3101	0.1934	109	0.13	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0199	18.11	0.2700	18.06	0.3101	0.1934	109	0.15	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0027	18.11	0.1140	18.06	0.3101	0.1934	109	0.15	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0018	18.11	0.3000	18.06	0.3101	0.1934	109	0.16	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0682	18.12	0.0000	18.06	0.3101	0.1934	109	0.20	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2076	18.12	0.2510	18.06	0.3101	0.1934	109	0.20	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0650	18.13	0.7100	18.06	0.3101	0.1934	109	0.21	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0353	18.13	0.1400	18.06	0.3101	0.1934	109	0.23	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0017	18.15	0.1000	18.06	0.3101	0.1934	109	0.29	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0918	18.16	0.0400	18.06	0.3101	0.1934	109	0.33	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2303	18.16	0.4600	18.06	0.3101	0.1934	109	0.33	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0009	18.16	0.1660	18.06	0.3101	0.1934	109	0.33	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0687	18.18	0.0500	18.06	0.3101	0.1934	109	0.37	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0354	18.18	0.0600	18.06	0.3101	0.1934	109	0.39	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2184	18.19	0.3700	18.06	0.3101	0.1934	109	0.41	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0407	18.20	0.3560	18.06	0.3101	0.1934	109	0.45	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0036	18.21	0.2670	18.06	0.3101	0.1934	109	0.48	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2155	18.21	0.4990	18.06	0.3101	0.1934	109	0.50	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0083	18.22	0.1800	18.06	0.3101	0.1934	109	0.52	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0043	18.24	0.0100	18.06	0.3101	0.1934	109	0.57	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0726	18.25	0.0300	18.06	0.3101	0.1934	109	0.60	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0042	18.25	0.1000	18.06	0.3101	0.1934	109	0.62	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0208	18.25	0.3000	18.06	0.3101	0.1934	109	0.62	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0618	18.29	0.1000	18.06	0.3101	0.1934	109	0.74	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0034	18.30	0.2350	18.06	0.3101	0.1934	109	0.77	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0148	18.30	0.2000	18.06	0.3101	0.1934	109	0.78	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0574	18.30	0.0200	18.06	0.3101	0.1934	109	0.78	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0357	18.31	0.0203	18.06	0.3101	0.1934	109	0.81	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0294	18.33	0.0800	18.06	0.3101	0.1934	109	0.87	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0953	18.33	0.5600	18.06	0.3101	0.1934	109	0.87	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2213	18.33	0.1400	18.06	0.3101	0.1934	109	0.87	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0001	18.35	0.1900	18.06	0.3101	0.1934	109	0.92	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs			
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0190	18.36	0.0500	18.06	0.3101	0.1934	109	0.95	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0692	18.40	0.0000	18.06	0.3101	0.1934	109	1.10	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2302	18.40	0.3600	18.06	0.3101	0.1934	109	1.10	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0019	18.44	0.2500	18.06	0.3101	0.1934	109	1.21	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2319	18.55	0.1000	18.06	0.3101	0.1934	109	1.58	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2489	18.57	0.3200	18.06	0.3101	0.1934	109	1.65	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0297	18.60	0.2000	18.06	0.3101	0.1934	109	1.74	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0186	18.65	0.2400	18.06	0.3101	0.1934	109	1.90	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0202	18.65	0.1000	18.06	0.3101	0.1934	109	1.90	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0229	18.65	0.1800	18.06	0.3101	0.1934	109	1.90	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0598	18.68	0.8900	18.06	0.3101	0.1934	109	1.99	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0028	18.90	0.1980	18.06	0.3101	0.1934	109	2.70	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0520	19.20	0.0313	18.06	0.3101	0.1934	109	3.67	3%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0015	19.37	0.5500	18.06	0.3101	0.1934	109	4.21	4%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2129	20.23	0.1960	18.06	0.3101	0.1934	109	7.00	6%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	1019	20.44	0.5700	18.06	0.3101	0.1934	109	7.66	7%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2433	20.50	0.4000	18.06	0.3101	0.1934	109	7.87	7%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0843	18.07	1.010	18.06	0.3101	0.1934	109	0.02	0%	1
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0853	21.60	1.400	18.06	0.3101	0.1934	109	11.42	10%	1
002.08	Protein, Crude, Cu/Ti (%)	0563	17.55	0.0739				2			0
002.08	Protein, Crude, Cu/Ti (%)	0098	17.66	0.0600				2			0
002.10	Protein, Crude, Block dig/distillation (%)	0629	17.85	0.3000				1			0
002.11	Protein, Crude, NIR (%)	2105	16.44	0.7600	18.30	0.2255	0.3383	6	-8.24	5%	0
002.11	Protein, Crude, NIR (%)	0553	18.27	0.1200	18.30	0.2255	0.3383	6	-0.12	0%	0
002.11	Protein, Crude, NIR (%)	0852	18.28	0.2400	18.30	0.2255	0.3383	6	-0.08	0%	0
002.11	Protein, Crude, NIR (%)	0297	18.29	0.1400	18.30	0.2255	0.3383	6	-0.03	0%	0
002.11	Protein, Crude, NIR (%)	0047	18.35	0.1000	18.30	0.2255	0.3383	6	0.23	0%	0
002.11	Protein, Crude, NIR (%)	2386	21.57	0.6700	18.30	0.2255	0.3383	6	14.49	9%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2457	3.490	0.0400	3.925	0.2956	0.0357	10	-1.47	6%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2192	3.685	0.0100	3.925	0.2956	0.0357	10	-0.81	3%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2190	3.770	0.0400	3.925	0.2956	0.0357	10	-0.53	2%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2322	3.830	0.0200	3.925	0.2956	0.0357	10	-0.32	1%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2115	3.845	0.1300	3.925	0.2956	0.0357	10	-0.27	1%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0043	3.878	0.0090	3.925	0.2956	0.0357	10	-0.16	1%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2482	4.097	0.0090	3.925	0.2956	0.0357	10	0.58	2%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2325	4.140	0.0200	3.925	0.2956	0.0357	10	0.73	3%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0035	4.150	0.0400	3.925	0.2956	0.0357	10	0.76	3%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0017	4.450	0.1000	3.925	0.2956	0.0357	10	1.77	7%	0
003.01	Fat, Crude, Diethyl Ether Ext (13th ed.), Indirec	0504	4.115	0.8900				3			0
003.01	Fat, Crude, Diethyl Ether Ext (13th ed.), Indirec	0563	4.115	0.0130				3			0
003.01	Fat, Crude, Diethyl Ether Ext (13th ed.), Indirec	0227	4.300	0.1200				3			0
003.06	Fat, Crude, Pet Ether (%)	0297	3.500	0.4000	3.867	0.2056	0.0907	17	-1.78	5%	0

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003.06	Fat, Crude, Pet Ether (%)	0199	3.710	0.0600	3.867	0.2056	0.0907	17	-0.76	2%	0
003.06	Fat, Crude, Pet Ether (%)	0918	3.710	0.0400	3.867	0.2056	0.0907	17	-0.76	2%	0
003.06	Fat, Crude, Pet Ether (%)	0968	3.710	0.0000	3.867	0.2056	0.0907	17	-0.76	2%	0
003.06	Fat, Crude, Pet Ether (%)	2492	3.715	0.0500	3.867	0.2056	0.0907	17	-0.74	2%	0
003.06	Fat, Crude, Pet Ether (%)	2489	3.755	0.0100	3.867	0.2056	0.0907	17	-0.54	1%	0
003.06	Fat, Crude, Pet Ether (%)	0169	3.765	0.0300	3.867	0.2056	0.0907	17	-0.49	1%	0
003.06	Fat, Crude, Pet Ether (%)	2022	3.835	0.0100	3.867	0.2056	0.0907	17	-0.15	0%	0
003.06	Fat, Crude, Pet Ether (%)	2181	3.835	0.0500	3.867	0.2056	0.0907	17	-0.15	0%	0
003.06	Fat, Crude, Pet Ether (%)	0689	3.850	0.1000	3.867	0.2056	0.0907	17	-0.08	0%	0
003.06	Fat, Crude, Pet Ether (%)	0674	3.860	0.0000	3.867	0.2056	0.0907	17	-0.03	0%	0
003.06	Fat, Crude, Pet Ether (%)	0294	3.930	0.1400	3.867	0.2056	0.0907	17	0.31	1%	0
003.06	Fat, Crude, Pet Ether (%)	0675	3.975	0.0300	3.867	0.2056	0.0907	17	0.53	1%	0
003.06	Fat, Crude, Pet Ether (%)	0644	4.035	0.0100	3.867	0.2056	0.0907	17	0.82	2%	0
003.06	Fat, Crude, Pet Ether (%)	0687	4.140	0.3000	3.867	0.2056	0.0907	17	1.33	4%	0
003.06	Fat, Crude, Pet Ether (%)	0682	4.290	0.0000	3.867	0.2056	0.0907	17	2.06	5%	0
003.06	Fat, Crude, Pet Ether (%)	0229	4.470	0.2600	3.867	0.2056	0.0907	17	2.93	8%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0004	3.085	0.2300	3.943	0.2817	0.1017	8	-3.05	11%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	2476	3.737	0.0220	3.943	0.2817	0.1017	8	-0.73	3%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0964	3.865	0.1100	3.943	0.2817	0.1017	8	-0.28	1%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0948	3.910	0.0000	3.943	0.2817	0.1017	8	-0.12	0%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0098	3.990	0.0600	3.943	0.2817	0.1017	8	0.17	1%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	2349	4.050	0.0400	3.943	0.2817	0.1017	8	0.38	1%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0354	4.145	0.0300	3.943	0.2817	0.1017	8	0.72	3%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0353	4.330	0.2200	3.943	0.2817	0.1017	8	1.37	5%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2184	3.410	0.0400	3.732	0.2164	0.0653	27	-1.49	4%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0042	3.445	0.0100	3.732	0.2164	0.0653	27	-1.32	4%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2514	3.538	0.0000	3.732	0.2164	0.0653	27	-0.89	3%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2188	3.550	0.0600	3.732	0.2164	0.0653	27	-0.84	2%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0100	3.570	0.3200	3.732	0.2164	0.0653	27	-0.75	2%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0720	3.570	0.0200	3.732	0.2164	0.0653	27	-0.75	2%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2506	3.580	0.0800	3.732	0.2164	0.0653	27	-0.70	2%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0123	3.600	0.2600	3.732	0.2164	0.0653	27	-0.61	2%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0366	3.600	0.0000	3.732	0.2164	0.0653	27	-0.61	2%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2434	3.620	0.0000	3.732	0.2164	0.0653	27	-0.52	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0541	3.645	0.0100	3.732	0.2164	0.0653	27	-0.40	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0263	3.688	0.0070	3.732	0.2164	0.0653	27	-0.20	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2022	3.700	0.0200	3.732	0.2164	0.0653	27	-0.15	0%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0870	3.711	0.1470	3.732	0.2164	0.0653	27	-0.09	0%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2196	3.730	0.0000	3.732	0.2164	0.0653	27	-0.01	0%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0036	3.731	0.1679	3.732	0.2164	0.0653	27	0.00	0%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0098	3.740	0.0400	3.732	0.2164	0.0653	27	0.04	0%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0689	3.750	0.1000	3.732	0.2164	0.0653	27	0.09	0%	0

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003.10	Fat, Crude, Randall, Pet Ether (%)	0242	3.790	0.0400	3.732	0.2164	0.0653	27	0.27	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0148	3.800	0.0200	3.732	0.2164	0.0653	27	0.32	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2193	3.835	0.0300	3.732	0.2164	0.0653	27	0.48	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0629	3.890	0.0200	3.732	0.2164	0.0653	27	0.73	2%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0618	4.035	0.0300	3.732	0.2164	0.0653	27	1.40	4%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0610	4.110	0.1200	3.732	0.2164	0.0653	27	1.75	5%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2319	4.200	0.0000	3.732	0.2164	0.0653	27	2.16	6%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0848	4.475	0.0300	3.732	0.2164	0.0653	27	3.44	10%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0676	4.635	0.1300	3.732	0.2164	0.0653	27	4.17	12%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0045	3.390	0.4200	3.732	0.2164	0.0653	27	-1.58	5%	1
003.11	Fat, Crude, NIR (%)	2105	3.390	0.1800	4.138	0.8174	0.2600	6	-0.92	9%	0
003.11	Fat, Crude, NIR (%)	0553	3.545	0.0700	4.138	0.8174	0.2600	6	-0.73	7%	0
003.11	Fat, Crude, NIR (%)	0047	3.950	0.3000	4.138	0.8174	0.2600	6	-0.23	2%	0
003.11	Fat, Crude, NIR (%)	0852	4.065	0.3700	4.138	0.8174	0.2600	6	-0.09	1%	0
003.11	Fat, Crude, NIR (%)	0297	4.515	0.0100	4.138	0.8174	0.2600	6	0.46	5%	0
003.11	Fat, Crude, NIR (%)	2386	5.825	0.6300	4.138	0.8174	0.2600	6	2.06	20%	0
003.12	Fat, Crude, Hexane Ext (%)	0171	3.965	0.0100				2			0
003.12	Fat, Crude, Hexane Ext (%)	2199	3.965	0.0300				2			0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	2006	3.795	0.2500				3			0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	0098	3.860	0.0800				3			0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	0011	3.975	0.0700				3			0
003.14	Fat, Crude, Ankom (%)	0357	3.185	0.0900	3.948	0.3041	0.1143	54	-2.51	10%	0
003.14	Fat, Crude, Ankom (%)	0574	3.200	0.0600	3.948	0.3041	0.1143	54	-2.46	9%	0
003.14	Fat, Crude, Ankom (%)	2129	3.336	0.2730	3.948	0.3041	0.1143	54	-2.02	8%	0
003.14	Fat, Crude, Ankom (%)	0186	3.425	0.1100	3.948	0.3041	0.1143	54	-1.72	7%	0
003.14	Fat, Crude, Ankom (%)	0019	3.465	0.0300	3.948	0.3041	0.1143	54	-1.59	6%	0
003.14	Fat, Crude, Ankom (%)	2302	3.545	0.4300	3.948	0.3041	0.1143	54	-1.33	5%	0
003.14	Fat, Crude, Ankom (%)	0066	3.640	0.1000	3.948	0.3041	0.1143	54	-1.01	4%	0
003.14	Fat, Crude, Ankom (%)	0148	3.670	0.3400	3.948	0.3041	0.1143	54	-0.92	4%	0
003.14	Fat, Crude, Ankom (%)	0682	3.680	0.0000	3.948	0.3041	0.1143	54	-0.88	3%	0
003.14	Fat, Crude, Ankom (%)	0968	3.715	0.0100	3.948	0.3041	0.1143	54	-0.77	3%	0
003.14	Fat, Crude, Ankom (%)	0848	3.720	0.0200	3.948	0.3041	0.1143	54	-0.75	3%	0
003.14	Fat, Crude, Ankom (%)	0108	3.745	0.4300	3.948	0.3041	0.1143	54	-0.67	3%	0
003.14	Fat, Crude, Ankom (%)	0853	3.750	0.1000	3.948	0.3041	0.1143	54	-0.65	3%	0
003.14	Fat, Crude, Ankom (%)	0956	3.750	0.1000	3.948	0.3041	0.1143	54	-0.65	3%	0
003.14	Fat, Crude, Ankom (%)	0004	3.790	0.1600	3.948	0.3041	0.1143	54	-0.52	2%	0
003.14	Fat, Crude, Ankom (%)	0003	3.800	0.0600	3.948	0.3041	0.1143	54	-0.49	2%	0
003.14	Fat, Crude, Ankom (%)	0876	3.800	0.2000	3.948	0.3041	0.1143	54	-0.49	2%	0
003.14	Fat, Crude, Ankom (%)	0083	3.810	0.0600	3.948	0.3041	0.1143	54	-0.46	2%	0
003.14	Fat, Crude, Ankom (%)	2076	3.815	0.0594	3.948	0.3041	0.1143	54	-0.44	2%	0
003.14	Fat, Crude, Ankom (%)	2115	3.830	0.0200	3.948	0.3041	0.1143	54	-0.39	1%	0
003.14	Fat, Crude, Ankom (%)	0407	3.862	0.0127	3.948	0.3041	0.1143	54	-0.28	1%	0

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			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs			
003.14	Fat, Crude, Ankom (%)	0675	3.865	0.0700	3.948	0.3041	0.1143	54	-0.27	1%	0
003.14	Fat, Crude, Ankom (%)	0089	3.880	0.0200	3.948	0.3041	0.1143	54	-0.23	1%	0
003.14	Fat, Crude, Ankom (%)	0581	3.885	0.2100	3.948	0.3041	0.1143	54	-0.21	1%	0
003.14	Fat, Crude, Ankom (%)	0034	3.935	0.0100	3.948	0.3041	0.1143	54	-0.04	0%	0
003.14	Fat, Crude, Ankom (%)	0202	3.935	0.2100	3.948	0.3041	0.1143	54	-0.04	0%	0
003.14	Fat, Crude, Ankom (%)	0358	3.940	0.2800	3.948	0.3041	0.1143	54	-0.03	0%	0
003.14	Fat, Crude, Ankom (%)	0948	3.945	0.0100	3.948	0.3041	0.1143	54	-0.01	0%	0
003.14	Fat, Crude, Ankom (%)	0505	3.955	0.0300	3.948	0.3041	0.1143	54	0.02	0%	0
003.14	Fat, Crude, Ankom (%)	0939	3.955	0.0300	3.948	0.3041	0.1143	54	0.02	0%	0
003.14	Fat, Crude, Ankom (%)	0035	3.965	0.0500	3.948	0.3041	0.1143	54	0.05	0%	0
003.14	Fat, Crude, Ankom (%)	0009	3.975	0.0700	3.948	0.3041	0.1143	54	0.09	0%	0
003.14	Fat, Crude, Ankom (%)	0074	3.985	0.0900	3.948	0.3041	0.1143	54	0.12	0%	0
003.14	Fat, Crude, Ankom (%)	0278	4.000	0.4000	3.948	0.3041	0.1143	54	0.17	1%	0
003.14	Fat, Crude, Ankom (%)	0171	4.015	0.1100	3.948	0.3041	0.1143	54	0.22	1%	0
003.14	Fat, Crude, Ankom (%)	0563	4.025	0.0897	3.948	0.3041	0.1143	54	0.25	1%	0
003.14	Fat, Crude, Ankom (%)	0001	4.054	0.0060	3.948	0.3041	0.1143	54	0.35	1%	0
003.14	Fat, Crude, Ankom (%)	0015	4.060	0.1200	3.948	0.3041	0.1143	54	0.37	1%	0
003.14	Fat, Crude, Ankom (%)	0692	4.095	0.2900	3.948	0.3041	0.1143	54	0.48	2%	0
003.14	Fat, Crude, Ankom (%)	0226	4.120	0.1000	3.948	0.3041	0.1143	54	0.56	2%	0
003.14	Fat, Crude, Ankom (%)	0520	4.130	0.0600	3.948	0.3041	0.1143	54	0.60	2%	0
003.14	Fat, Crude, Ankom (%)	0144	4.170	0.3000	3.948	0.3041	0.1143	54	0.73	3%	0
003.14	Fat, Crude, Ankom (%)	0511	4.180	0.1000	3.948	0.3041	0.1143	54	0.76	3%	0
003.14	Fat, Crude, Ankom (%)	0598	4.190	0.0200	3.948	0.3041	0.1143	54	0.79	3%	0
003.14	Fat, Crude, Ankom (%)	2146	4.240	0.0400	3.948	0.3041	0.1143	54	0.96	4%	0
003.14	Fat, Crude, Ankom (%)	0049	4.260	0.2200	3.948	0.3041	0.1143	54	1.02	4%	0
003.14	Fat, Crude, Ankom (%)	2144	4.305	0.0500	3.948	0.3041	0.1143	54	1.17	5%	0
003.14	Fat, Crude, Ankom (%)	0229	4.345	0.2700	3.948	0.3041	0.1143	54	1.30	5%	0
003.14	Fat, Crude, Ankom (%)	0413	4.400	0.0400	3.948	0.3041	0.1143	54	1.48	6%	0
003.14	Fat, Crude, Ankom (%)	0026	4.435	0.1300	3.948	0.3041	0.1143	54	1.60	6%	0
003.14	Fat, Crude, Ankom (%)	2433	4.550	0.2857	3.948	0.3041	0.1143	54	1.98	8%	0
003.14	Fat, Crude, Ankom (%)	0726	4.660	0.0200	3.948	0.3041	0.1143	54	2.34	9%	0
003.14	Fat, Crude, Ankom (%)	2459	4.790	0.1000	3.948	0.3041	0.1143	54	2.77	11%	0
003.14	Fat, Crude, Ankom (%)	0190	5.640	0.0000	3.948	0.3041	0.1143	54	5.56	21%	0
003.14	Fat, Crude, Ankom (%)	0033	3.500	0.6000	3.948	0.3041	0.1143	54	-1.47	6%	1
003.14	Fat, Crude, Ankom (%)	0510	14.41	0.0000	3.948	0.3041	0.1143	54	34.40	132%	2
003.99	Fat, Crude, Miscellaneous (%)	0536	3.445	0.0100				3			0
003.99	Fat, Crude, Miscellaneous (%)	0546	3.590	0.1200				3			0
003.99	Fat, Crude, Miscellaneous (%)	1019	6.700	0.2000				3			0
004.00	Fiber, Crude, Asbestos Free (%)	0186	13.26	0.4000	13.96	0.6598	0.2200	6	-1.07	3%	0
004.00	Fiber, Crude, Asbestos Free (%)	0169	13.28	0.0800	13.96	0.6598	0.2200	6	-1.04	2%	0
004.00	Fiber, Crude, Asbestos Free (%)	0017	14.05	0.3000	13.96	0.6598	0.2200	6	0.13	0%	0
004.00	Fiber, Crude, Asbestos Free (%)	0171	14.14	0.0400	13.96	0.6598	0.2200	6	0.27	1%	0

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004.00	Fiber, Crude, Asbestos Free (%)	0227	14.35	0.3000	13.96	0.6598	0.2200	6	0.59	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	0208	14.70	0.2000	13.96	0.6598	0.2200	6	1.12	3%	0
004.03	Fiber, Crude, Fritted Glass (%)	0353	13.98	0.5500				2			0
004.03	Fiber, Crude, Fritted Glass (%)	2192	15.01	0.1300				2			0
004.06	Fiber, Crude, Fibertec (%)	2325	12.75	0.0200	14.06	0.8035	0.2744	17	-1.64	5%	0
004.06	Fiber, Crude, Fibertec (%)	0689	13.20	0.6000	14.06	0.8035	0.2744	17	-1.08	3%	0
004.06	Fiber, Crude, Fibertec (%)	2506	13.38	0.0200	14.06	0.8035	0.2744	17	-0.85	2%	0
004.06	Fiber, Crude, Fibertec (%)	0674	13.40	0.0000	14.06	0.8035	0.2744	17	-0.83	2%	0
004.06	Fiber, Crude, Fibertec (%)	0964	13.55	0.1600	14.06	0.8035	0.2744	17	-0.64	2%	0
004.06	Fiber, Crude, Fibertec (%)	0199	13.70	0.5300	14.06	0.8035	0.2744	17	-0.46	1%	0
004.06	Fiber, Crude, Fibertec (%)	0038	13.80	0.2000	14.06	0.8035	0.2744	17	-0.33	1%	0
004.06	Fiber, Crude, Fibertec (%)	0098	13.83	0.3300	14.06	0.8035	0.2744	17	-0.30	1%	0
004.06	Fiber, Crude, Fibertec (%)	2115	13.91	0.3900	14.06	0.8035	0.2744	17	-0.20	1%	0
004.06	Fiber, Crude, Fibertec (%)	0948	14.09	0.2200	14.06	0.8035	0.2744	17	0.03	0%	0
004.06	Fiber, Crude, Fibertec (%)	0968	14.11	0.0900	14.06	0.8035	0.2744	17	0.05	0%	0
004.06	Fiber, Crude, Fibertec (%)	0676	14.49	0.5200	14.06	0.8035	0.2744	17	0.53	2%	0
004.06	Fiber, Crude, Fibertec (%)	0720	14.71	0.5000	14.06	0.8035	0.2744	17	0.80	2%	0
004.06	Fiber, Crude, Fibertec (%)	0610	14.85	0.1000	14.06	0.8035	0.2744	17	0.98	3%	0
004.06	Fiber, Crude, Fibertec (%)	2349	14.90	0.4000	14.06	0.8035	0.2744	17	1.04	3%	0
004.06	Fiber, Crude, Fibertec (%)	2006	15.07	0.2500	14.06	0.8035	0.2744	17	1.25	4%	0
004.06	Fiber, Crude, Fibertec (%)	2489	16.15	0.0600	14.06	0.8035	0.2744	17	2.60	7%	0
004.07	Fiber, Crude, ANKOM (%)	0413	12.90	0.0000	14.09	0.5909	0.2520	75	-2.02	4%	0
004.07	Fiber, Crude, ANKOM (%)	0675	13.06	0.1600	14.09	0.5909	0.2520	75	-1.75	4%	0
004.07	Fiber, Crude, ANKOM (%)	0098	13.09	0.4400	14.09	0.5909	0.2520	75	-1.70	4%	0
004.07	Fiber, Crude, ANKOM (%)	0202	13.10	0.4000	14.09	0.5909	0.2520	75	-1.68	4%	0
004.07	Fiber, Crude, ANKOM (%)	0004	13.18	0.5600	14.09	0.5909	0.2520	75	-1.55	3%	0
004.07	Fiber, Crude, ANKOM (%)	0643	13.20	0.0280	14.09	0.5909	0.2520	75	-1.50	3%	0
004.07	Fiber, Crude, ANKOM (%)	0100	13.24	0.1500	14.09	0.5909	0.2520	75	-1.45	3%	0
004.07	Fiber, Crude, ANKOM (%)	2259	13.27	0.0260	14.09	0.5909	0.2520	75	-1.40	3%	0
004.07	Fiber, Crude, ANKOM (%)	0019	13.33	0.3800	14.09	0.5909	0.2520	75	-1.29	3%	0
004.07	Fiber, Crude, ANKOM (%)	0848	13.35	0.0600	14.09	0.5909	0.2520	75	-1.26	3%	0
004.07	Fiber, Crude, ANKOM (%)	0407	13.39	0.5226	14.09	0.5909	0.2520	75	-1.19	2%	0
004.07	Fiber, Crude, ANKOM (%)	2482	13.45	0.1500	14.09	0.5909	0.2520	75	-1.10	2%	0
004.07	Fiber, Crude, ANKOM (%)	2190	13.53	0.3000	14.09	0.5909	0.2520	75	-0.95	2%	0
004.07	Fiber, Crude, ANKOM (%)	0015	13.56	0.0100	14.09	0.5909	0.2520	75	-0.91	2%	0
004.07	Fiber, Crude, ANKOM (%)	0589	13.66	0.5900	14.09	0.5909	0.2520	75	-0.74	2%	0
004.07	Fiber, Crude, ANKOM (%)	2457	13.66	0.0500	14.09	0.5909	0.2520	75	-0.74	2%	0
004.07	Fiber, Crude, ANKOM (%)	0083	13.67	0.1700	14.09	0.5909	0.2520	75	-0.72	2%	0
004.07	Fiber, Crude, ANKOM (%)	0028	13.70	1.400	14.09	0.5909	0.2520	75	-0.67	1%	0
004.07	Fiber, Crude, ANKOM (%)	2022	13.72	0.0300	14.09	0.5909	0.2520	75	-0.64	1%	0
004.07	Fiber, Crude, ANKOM (%)	0726	13.79	0.0800	14.09	0.5909	0.2520	75	-0.51	1%	0
004.07	Fiber, Crude, ANKOM (%)	0300	13.80	0.4000	14.09	0.5909	0.2520	75	-0.50	1%	0

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004.07	Fiber, Crude, ANKOM (%)	2115	13.81	0.0400	14.09	0.5909	0.2520	75	-0.48	1%	0
004.07	Fiber, Crude, ANKOM (%)	0520	13.83	0.1900	14.09	0.5909	0.2520	75	-0.45	1%	0
004.07	Fiber, Crude, ANKOM (%)	0644	13.83	0.0500	14.09	0.5909	0.2520	75	-0.45	1%	0
004.07	Fiber, Crude, ANKOM (%)	2514	13.86	0.1100	14.09	0.5909	0.2520	75	-0.40	1%	0
004.07	Fiber, Crude, ANKOM (%)	0035	13.87	0.1000	14.09	0.5909	0.2520	75	-0.38	1%	0
004.07	Fiber, Crude, ANKOM (%)	0918	13.88	0.1800	14.09	0.5909	0.2520	75	-0.36	1%	0
004.07	Fiber, Crude, ANKOM (%)	0939	13.88	0.2000	14.09	0.5909	0.2520	75	-0.36	1%	0
004.07	Fiber, Crude, ANKOM (%)	2146	13.90	0.0400	14.09	0.5909	0.2520	75	-0.33	1%	0
004.07	Fiber, Crude, ANKOM (%)	0870	13.93	0.1498	14.09	0.5909	0.2520	75	-0.28	1%	0
004.07	Fiber, Crude, ANKOM (%)	0505	13.94	0.0900	14.09	0.5909	0.2520	75	-0.27	1%	0
004.07	Fiber, Crude, ANKOM (%)	0968	13.95	0.1300	14.09	0.5909	0.2520	75	-0.25	1%	0
004.07	Fiber, Crude, ANKOM (%)	2196	13.96	0.0000	14.09	0.5909	0.2520	75	-0.23	0%	0
004.07	Fiber, Crude, ANKOM (%)	2193	14.00	0.0700	14.09	0.5909	0.2520	75	-0.17	0%	0
004.07	Fiber, Crude, ANKOM (%)	0581	14.02	0.5100	14.09	0.5909	0.2520	75	-0.13	0%	0
004.07	Fiber, Crude, ANKOM (%)	0123	14.02	0.0600	14.09	0.5909	0.2520	75	-0.12	0%	0
004.07	Fiber, Crude, ANKOM (%)	0148	14.07	0.1100	14.09	0.5909	0.2520	75	-0.05	0%	0
004.07	Fiber, Crude, ANKOM (%)	0563	14.08	0.0322	14.09	0.5909	0.2520	75	-0.02	0%	0
004.07	Fiber, Crude, ANKOM (%)	0066	14.12	0.1800	14.09	0.5909	0.2520	75	0.05	0%	0
004.07	Fiber, Crude, ANKOM (%)	0948	14.13	0.2900	14.09	0.5909	0.2520	75	0.05	0%	0
004.07	Fiber, Crude, ANKOM (%)	0366	14.15	0.3000	14.09	0.5909	0.2520	75	0.10	0%	0
004.07	Fiber, Crude, ANKOM (%)	0026	14.20	0.8000	14.09	0.5909	0.2520	75	0.18	0%	0
004.07	Fiber, Crude, ANKOM (%)	0003	14.24	1.170	14.09	0.5909	0.2520	75	0.24	1%	0
004.07	Fiber, Crude, ANKOM (%)	2433	14.28	0.2815	14.09	0.5909	0.2520	75	0.31	1%	0
004.07	Fiber, Crude, ANKOM (%)	0034	14.29	0.0800	14.09	0.5909	0.2520	75	0.33	1%	0
004.07	Fiber, Crude, ANKOM (%)	0553	14.30	0.3500	14.09	0.5909	0.2520	75	0.34	1%	0
004.07	Fiber, Crude, ANKOM (%)	0682	14.30	0.0000	14.09	0.5909	0.2520	75	0.35	1%	0
004.07	Fiber, Crude, ANKOM (%)	0354	14.34	0.1200	14.09	0.5909	0.2520	75	0.42	1%	0
004.07	Fiber, Crude, ANKOM (%)	0190	14.35	0.3000	14.09	0.5909	0.2520	75	0.44	1%	0
004.07	Fiber, Crude, ANKOM (%)	0956	14.35	0.1000	14.09	0.5909	0.2520	75	0.44	1%	0
004.07	Fiber, Crude, ANKOM (%)	0011	14.43	0.1300	14.09	0.5909	0.2520	75	0.56	1%	0
004.07	Fiber, Crude, ANKOM (%)	0536	14.44	0.1600	14.09	0.5909	0.2520	75	0.59	1%	0
004.07	Fiber, Crude, ANKOM (%)	0504	14.44	0.3800	14.09	0.5909	0.2520	75	0.59	1%	0
004.07	Fiber, Crude, ANKOM (%)	0045	14.45	0.3000	14.09	0.5909	0.2520	75	0.60	1%	0
004.07	Fiber, Crude, ANKOM (%)	2181	14.49	0.1700	14.09	0.5909	0.2520	75	0.66	1%	0
004.07	Fiber, Crude, ANKOM (%)	0043	14.50	0.6180	14.09	0.5909	0.2520	75	0.69	1%	0
004.07	Fiber, Crude, ANKOM (%)	0009	14.52	0.3900	14.09	0.5909	0.2520	75	0.71	1%	0
004.07	Fiber, Crude, ANKOM (%)	2302	14.53	0.6100	14.09	0.5909	0.2520	75	0.73	2%	0
004.07	Fiber, Crude, ANKOM (%)	0598	14.57	0.1400	14.09	0.5909	0.2520	75	0.81	2%	0
004.07	Fiber, Crude, ANKOM (%)	0511	14.60	1.000	14.09	0.5909	0.2520	75	0.86	2%	0
004.07	Fiber, Crude, ANKOM (%)	2434	14.62	0.0000	14.09	0.5909	0.2520	75	0.89	2%	0
004.07	Fiber, Crude, ANKOM (%)	2188	14.63	0.0900	14.09	0.5909	0.2520	75	0.90	2%	0
004.07	Fiber, Crude, ANKOM (%)	0226	14.64	0.1300	14.09	0.5909	0.2520	75	0.92	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs			
004.07	Fiber, Crude, ANKOM (%)	0016	14.65	0.9000	14.09	0.5909	0.2520	75	0.94	2%	0
004.07	Fiber, Crude, ANKOM (%)	0876	14.65	0.1000	14.09	0.5909	0.2520	75	0.94	2%	0
004.07	Fiber, Crude, ANKOM (%)	0278	14.65	0.3000	14.09	0.5909	0.2520	75	0.94	2%	0
004.07	Fiber, Crude, ANKOM (%)	0242	14.68	0.5400	14.09	0.5909	0.2520	75	0.99	2%	0
004.07	Fiber, Crude, ANKOM (%)	0263	14.81	0.1610	14.09	0.5909	0.2520	75	1.21	3%	0
004.07	Fiber, Crude, ANKOM (%)	0042	14.83	1.020	14.09	0.5909	0.2520	75	1.25	3%	0
004.07	Fiber, Crude, ANKOM (%)	0229	14.84	0.4300	14.09	0.5909	0.2520	75	1.26	3%	0
004.07	Fiber, Crude, ANKOM (%)	0510	15.05	0.1000	14.09	0.5909	0.2520	75	1.62	3%	0
004.07	Fiber, Crude, ANKOM (%)	0294	15.06	0.3400	14.09	0.5909	0.2520	75	1.64	3%	0
004.07	Fiber, Crude, ANKOM (%)	0074	15.34	0.5700	14.09	0.5909	0.2520	75	2.10	4%	0
004.07	Fiber, Crude, ANKOM (%)	0089	15.63	0.0900	14.09	0.5909	0.2520	75	2.59	5%	0
004.07	Fiber, Crude, ANKOM (%)	2476	16.47	0.2210	14.09	0.5909	0.2520	75	4.02	8%	0
004.07	Fiber, Crude, ANKOM (%)	0692	16.50	5.600	14.09	0.5909	0.2520	75	4.07	9%	1
004.11	Fiber, Crude, NIR (%)	2386	11.60	0.4200	13.13	1.205	0.3240	5			0
004.11	Fiber, Crude, NIR (%)	0047	12.85	0.3000	13.13	1.205	0.3240	5			0
004.11	Fiber, Crude, NIR (%)	0553	13.01	0.0100	13.13	1.205	0.3240	5			0
004.11	Fiber, Crude, NIR (%)	0852	13.21	0.0400	13.13	1.205	0.3240	5			0
004.11	Fiber, Crude, NIR (%)	2105	14.97	0.8500	13.13	1.205	0.3240	5			0
004.99	Fiber, Crude, Miscellaneous (%)	2129	13.82	0.4040				3			0
004.99	Fiber, Crude, Miscellaneous (%)	2022	13.88	0.0100				3			0
004.99	Fiber, Crude, Miscellaneous (%)	0629	14.50	0.4000				3			0
005.00	Ash, 2h @ 600°C (%)	2268	6.035	0.3900	6.501	0.2183	0.0771	87	-2.14	4%	0
005.00	Ash, 2h @ 600°C (%)	0574	6.065	0.0100	6.501	0.2183	0.0771	87	-2.00	3%	0
005.00	Ash, 2h @ 600°C (%)	0953	6.080	0.0000	6.501	0.2183	0.0771	87	-1.93	3%	0
005.00	Ash, 2h @ 600°C (%)	0169	6.145	0.0300	6.501	0.2183	0.0771	87	-1.63	3%	0
005.00	Ash, 2h @ 600°C (%)	0853	6.150	0.1000	6.501	0.2183	0.0771	87	-1.61	3%	0
005.00	Ash, 2h @ 600°C (%)	2184	6.160	0.0600	6.501	0.2183	0.0771	87	-1.56	3%	0
005.00	Ash, 2h @ 600°C (%)	0227	6.175	0.1300	6.501	0.2183	0.0771	87	-1.49	3%	0
005.00	Ash, 2h @ 600°C (%)	2433	6.188	0.1983	6.501	0.2183	0.0771	87	-1.43	2%	0
005.00	Ash, 2h @ 600°C (%)	2322	6.205	0.3500	6.501	0.2183	0.0771	87	-1.36	2%	0
005.00	Ash, 2h @ 600°C (%)	0682	6.230	0.0000	6.501	0.2183	0.0771	87	-1.24	2%	0
005.00	Ash, 2h @ 600°C (%)	2459	6.230	0.0400	6.501	0.2183	0.0771	87	-1.24	2%	0
005.00	Ash, 2h @ 600°C (%)	0011	6.245	0.0100	6.501	0.2183	0.0771	87	-1.17	2%	0
005.00	Ash, 2h @ 600°C (%)	0956	6.250	0.1000	6.501	0.2183	0.0771	87	-1.15	2%	0
005.00	Ash, 2h @ 600°C (%)	0027	6.276	0.0170	6.501	0.2183	0.0771	87	-1.03	2%	0
005.00	Ash, 2h @ 600°C (%)	0004	6.290	0.0400	6.501	0.2183	0.0771	87	-0.97	2%	0
005.00	Ash, 2h @ 600°C (%)	0015	6.300	0.0600	6.501	0.2183	0.0771	87	-0.92	2%	0
005.00	Ash, 2h @ 600°C (%)	0407	6.308	0.0845	6.501	0.2183	0.0771	87	-0.89	1%	0
005.00	Ash, 2h @ 600°C (%)	0539	6.330	0.0200	6.501	0.2183	0.0771	87	-0.78	1%	0
005.00	Ash, 2h @ 600°C (%)	0848	6.335	0.0100	6.501	0.2183	0.0771	87	-0.76	1%	0
005.00	Ash, 2h @ 600°C (%)	0049	6.345	0.0700	6.501	0.2183	0.0771	87	-0.72	1%	0
005.00	Ash, 2h @ 600°C (%)	2006	6.345	0.1700	6.501	0.2183	0.0771	87	-0.72	1%	0

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Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs			
005.00	Ash, 2h @ 600°C (%)	0366	6.350	0.1000	6.501	0.2183	0.0771	87	-0.69	1%	0
005.00	Ash, 2h @ 600°C (%)	0510	6.370	0.0400	6.501	0.2183	0.0771	87	-0.60	1%	0
005.00	Ash, 2h @ 600°C (%)	0278	6.375	0.1900	6.501	0.2183	0.0771	87	-0.58	1%	0
005.00	Ash, 2h @ 600°C (%)	0208	6.390	0.1200	6.501	0.2183	0.0771	87	-0.51	1%	0
005.00	Ash, 2h @ 600°C (%)	0563	6.394	0.0477	6.501	0.2183	0.0771	87	-0.49	1%	0
005.00	Ash, 2h @ 600°C (%)	0186	6.400	0.0600	6.501	0.2183	0.0771	87	-0.46	1%	0
005.00	Ash, 2h @ 600°C (%)	2022	6.400	0.0200	6.501	0.2183	0.0771	87	-0.46	1%	0
005.00	Ash, 2h @ 600°C (%)	0358	6.405	0.1100	6.501	0.2183	0.0771	87	-0.44	1%	0
005.00	Ash, 2h @ 600°C (%)	0089	6.420	0.0000	6.501	0.2183	0.0771	87	-0.37	1%	0
005.00	Ash, 2h @ 600°C (%)	2199	6.420	0.2400	6.501	0.2183	0.0771	87	-0.37	1%	0
005.00	Ash, 2h @ 600°C (%)	0650	6.425	0.0300	6.501	0.2183	0.0771	87	-0.35	1%	0
005.00	Ash, 2h @ 600°C (%)	2489	6.425	0.1100	6.501	0.2183	0.0771	87	-0.35	1%	0
005.00	Ash, 2h @ 600°C (%)	0035	6.430	0.0600	6.501	0.2183	0.0771	87	-0.33	1%	0
005.00	Ash, 2h @ 600°C (%)	0001	6.432	0.1270	6.501	0.2183	0.0771	87	-0.32	1%	0
005.00	Ash, 2h @ 600°C (%)	2188	6.445	0.1700	6.501	0.2183	0.0771	87	-0.26	0%	0
005.00	Ash, 2h @ 600°C (%)	0108	6.450	0.1000	6.501	0.2183	0.0771	87	-0.23	0%	0
005.00	Ash, 2h @ 600°C (%)	2181	6.460	0.0800	6.501	0.2183	0.0771	87	-0.19	0%	0
005.00	Ash, 2h @ 600°C (%)	0171	6.465	0.0100	6.501	0.2183	0.0771	87	-0.17	0%	0
005.00	Ash, 2h @ 600°C (%)	0042	6.475	0.0700	6.501	0.2183	0.0771	87	-0.12	0%	0
005.00	Ash, 2h @ 600°C (%)	0918	6.490	0.0600	6.501	0.2183	0.0771	87	-0.05	0%	0
005.00	Ash, 2h @ 600°C (%)	0100	6.495	0.1900	6.501	0.2183	0.0771	87	-0.03	0%	0
005.00	Ash, 2h @ 600°C (%)	0505	6.500	0.0200	6.501	0.2183	0.0771	87	-0.01	0%	0
005.00	Ash, 2h @ 600°C (%)	0520	6.500	0.2400	6.501	0.2183	0.0771	87	-0.01	0%	0
005.00	Ash, 2h @ 600°C (%)	0876	6.500	0.0000	6.501	0.2183	0.0771	87	-0.01	0%	0
005.00	Ash, 2h @ 600°C (%)	2325	6.500	0.0000	6.501	0.2183	0.0771	87	-0.01	0%	0
005.00	Ash, 2h @ 600°C (%)	0083	6.510	0.1000	6.501	0.2183	0.0771	87	0.04	0%	0
005.00	Ash, 2h @ 600°C (%)	0026	6.530	0.0400	6.501	0.2183	0.0771	87	0.13	0%	0
005.00	Ash, 2h @ 600°C (%)	2476	6.541	0.0130	6.501	0.2183	0.0771	87	0.18	0%	0
005.00	Ash, 2h @ 600°C (%)	0045	6.545	0.3700	6.501	0.2183	0.0771	87	0.20	0%	0
005.00	Ash, 2h @ 600°C (%)	2457	6.545	0.0100	6.501	0.2183	0.0771	87	0.20	0%	0
005.00	Ash, 2h @ 600°C (%)	1019	6.555	0.1900	6.501	0.2183	0.0771	87	0.25	0%	0
005.00	Ash, 2h @ 600°C (%)	0144	6.590	0.0800	6.501	0.2183	0.0771	87	0.41	1%	0
005.00	Ash, 2h @ 600°C (%)	0870	6.594	0.0463	6.501	0.2183	0.0771	87	0.42	1%	0
005.00	Ash, 2h @ 600°C (%)	2302	6.615	0.0500	6.501	0.2183	0.0771	87	0.52	1%	0
005.00	Ash, 2h @ 600°C (%)	0098	6.620	0.0600	6.501	0.2183	0.0771	87	0.54	1%	0
005.00	Ash, 2h @ 600°C (%)	2115	6.620	0.0800	6.501	0.2183	0.0771	87	0.54	1%	0
005.00	Ash, 2h @ 600°C (%)	0674	6.630	0.0000	6.501	0.2183	0.0771	87	0.59	1%	0
005.00	Ash, 2h @ 600°C (%)	0964	6.632	0.0150	6.501	0.2183	0.0771	87	0.60	1%	0
005.00	Ash, 2h @ 600°C (%)	2076	6.633	0.0343	6.501	0.2183	0.0771	87	0.60	1%	0
005.00	Ash, 2h @ 600°C (%)	2193	6.635	0.0300	6.501	0.2183	0.0771	87	0.61	1%	0
005.00	Ash, 2h @ 600°C (%)	2434	6.640	0.0000	6.501	0.2183	0.0771	87	0.64	1%	0
005.00	Ash, 2h @ 600°C (%)	0968	6.645	0.0700	6.501	0.2183	0.0771	87	0.66	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs			
005.00	Ash, 2h @ 600°C (%)	0123	6.650	0.0800	6.501	0.2183	0.0771	87	0.68	1%	0
005.00	Ash, 2h @ 600°C (%)	0354	6.650	0.0400	6.501	0.2183	0.0771	87	0.68	1%	0
005.00	Ash, 2h @ 600°C (%)	0598	6.655	0.0300	6.501	0.2183	0.0771	87	0.70	1%	0
005.00	Ash, 2h @ 600°C (%)	0504	6.660	0.1200	6.501	0.2183	0.0771	87	0.73	1%	0
005.00	Ash, 2h @ 600°C (%)	0229	6.665	0.1100	6.501	0.2183	0.0771	87	0.75	1%	0
005.00	Ash, 2h @ 600°C (%)	0199	6.670	0.0200	6.501	0.2183	0.0771	87	0.77	1%	0
005.00	Ash, 2h @ 600°C (%)	0553	6.675	0.0900	6.501	0.2183	0.0771	87	0.80	1%	0
005.00	Ash, 2h @ 600°C (%)	0589	6.675	0.0100	6.501	0.2183	0.0771	87	0.80	1%	0
005.00	Ash, 2h @ 600°C (%)	2150	6.675	0.0500	6.501	0.2183	0.0771	87	0.80	1%	0
005.00	Ash, 2h @ 600°C (%)	2259	6.680	0.0870	6.501	0.2183	0.0771	87	0.82	1%	0
005.00	Ash, 2h @ 600°C (%)	2506	6.695	0.0100	6.501	0.2183	0.0771	87	0.89	1%	0
005.00	Ash, 2h @ 600°C (%)	0017	6.700	0.0000	6.501	0.2183	0.0771	87	0.91	2%	0
005.00	Ash, 2h @ 600°C (%)	0016	6.710	0.0800	6.501	0.2183	0.0771	87	0.96	2%	0
005.00	Ash, 2h @ 600°C (%)	0038	6.720	0.0200	6.501	0.2183	0.0771	87	1.00	2%	0
005.00	Ash, 2h @ 600°C (%)	0541	6.730	0.1400	6.501	0.2183	0.0771	87	1.05	2%	0
005.00	Ash, 2h @ 600°C (%)	0353	6.765	0.0500	6.501	0.2183	0.0771	87	1.21	2%	0
005.00	Ash, 2h @ 600°C (%)	2349	6.770	0.1400	6.501	0.2183	0.0771	87	1.23	2%	0
005.00	Ash, 2h @ 600°C (%)	2196	6.800	0.0000	6.501	0.2183	0.0771	87	1.37	2%	0
005.00	Ash, 2h @ 600°C (%)	0675	6.830	0.1200	6.501	0.2183	0.0771	87	1.51	3%	0
005.00	Ash, 2h @ 600°C (%)	0948	6.860	0.0200	6.501	0.2183	0.0771	87	1.64	3%	0
005.00	Ash, 2h @ 600°C (%)	0242	6.940	0.0400	6.501	0.2183	0.0771	87	2.01	3%	0
005.00	Ash, 2h @ 600°C (%)	0148	6.940	0.0000	6.501	0.2183	0.0771	87	2.01	3%	0
005.00	Ash, 2h @ 600°C (%)	0297	7.235	0.3500	6.501	0.2183	0.0771	87	3.36	6%	0
005.00	Ash, 2h @ 600°C (%)	0226	7.435	0.1100	6.501	0.2183	0.0771	87	4.28	7%	0
005.00	Ash, 2h @ 600°C (%)	0357	7.400	0.4000	6.501	0.2183	0.0771	87	4.12	7%	1
005.00	Ash, 2h @ 600°C (%)	0618	11.35	0.1500	6.501	0.2183	0.0771	87	22.19	37%	2
005.02	Ash, LECO (%)	0644	7.150	0.1000				1			0
005.03	Ash, Microwave furnace (%)	0511	6.150	0.3000				2			0
005.03	Ash, Microwave furnace (%)	2022	6.570	0.0200				2			0
005.05	Ash, 3h @ 550°C (%)	0692	6.420	0.0400	6.801	0.1879	0.0531	23	-2.03	3%	0
005.05	Ash, 3h @ 550°C (%)	0726	6.460	0.0200	6.801	0.1879	0.0531	23	-1.82	3%	0
005.05	Ash, 3h @ 550°C (%)	0003	6.585	0.0300	6.801	0.1879	0.0531	23	-1.15	2%	0
005.05	Ash, 3h @ 550°C (%)	0596	6.640	0.1000	6.801	0.1879	0.0531	23	-0.86	1%	0
005.05	Ash, 3h @ 550°C (%)	2492	6.645	0.0100	6.801	0.1879	0.0531	23	-0.83	1%	0
005.05	Ash, 3h @ 550°C (%)	0066	6.650	0.0800	6.801	0.1879	0.0531	23	-0.81	1%	0
005.05	Ash, 3h @ 550°C (%)	0643	6.674	0.0750	6.801	0.1879	0.0531	23	-0.68	1%	0
005.05	Ash, 3h @ 550°C (%)	2192	6.680	0.0800	6.801	0.1879	0.0531	23	-0.65	1%	0
005.05	Ash, 3h @ 550°C (%)	0590	6.720	0.0200	6.801	0.1879	0.0531	23	-0.43	1%	0
005.05	Ash, 3h @ 550°C (%)	0294	6.800	0.0800	6.801	0.1879	0.0531	23	-0.01	0%	0
005.05	Ash, 3h @ 550°C (%)	0689	6.800	0.0200	6.801	0.1879	0.0531	23	-0.01	0%	0
005.05	Ash, 3h @ 550°C (%)	2482	6.829	0.0160	6.801	0.1879	0.0531	23	0.15	0%	0
005.05	Ash, 3h @ 550°C (%)	0034	6.860	0.0448	6.801	0.1879	0.0531	23	0.31	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs			
005.05	Ash, 3h @ 550°C (%)	0263	6.864	0.0040	6.801	0.1879	0.0531	23	0.33	0%	0
005.05	Ash, 3h @ 550°C (%)	0413	6.875	0.1300	6.801	0.1879	0.0531	23	0.39	1%	0
005.05	Ash, 3h @ 550°C (%)	0720	6.875	0.0900	6.801	0.1879	0.0531	23	0.39	1%	0
005.05	Ash, 3h @ 550°C (%)	0610	6.885	0.0500	6.801	0.1879	0.0531	23	0.45	1%	0
005.05	Ash, 3h @ 550°C (%)	0939	6.905	0.1100	6.801	0.1879	0.0531	23	0.55	1%	0
005.05	Ash, 3h @ 550°C (%)	0190	6.965	0.0300	6.801	0.1879	0.0531	23	0.87	1%	0
005.05	Ash, 3h @ 550°C (%)	2144	6.980	0.0800	6.801	0.1879	0.0531	23	0.95	1%	0
005.05	Ash, 3h @ 550°C (%)	2190	7.020	0.0600	6.801	0.1879	0.0531	23	1.16	2%	0
005.05	Ash, 3h @ 550°C (%)	2146	7.055	0.0100	6.801	0.1879	0.0531	23	1.35	2%	0
005.05	Ash, 3h @ 550°C (%)	2129	7.616	0.0610	6.801	0.1879	0.0531	23	4.33	6%	0
005.11	Ash, NIR (%)	0297	4.625	0.9900	7.240	1.813	0.5250	5			0
005.11	Ash, NIR (%)	0047	6.800	0.0000	7.240	1.813	0.5250	5			0
005.11	Ash, NIR (%)	0852	6.880	0.5800	7.240	1.813	0.5250	5			0
005.11	Ash, NIR (%)	2105	8.665	0.4100	7.240	1.813	0.5250	5			0
005.11	Ash, NIR (%)	2386	9.230	0.1200	7.240	1.813	0.5250	5			0
005.99	Ash, Miscellaneous (%)	0019	6.200	0.2000	6.776	0.3944	0.0848	7	-1.46	4%	0
005.99	Ash, Miscellaneous (%)	0546	6.580	0.0800	6.776	0.3944	0.0848	7	-0.50	1%	0
005.99	Ash, Miscellaneous (%)	0536	6.615	0.0100	6.776	0.3944	0.0848	7	-0.41	1%	0
005.99	Ash, Miscellaneous (%)	0202	6.830	0.0600	6.776	0.3944	0.0848	7	0.14	0%	0
005.99	Ash, Miscellaneous (%)	0676	6.875	0.1300	6.776	0.3944	0.0848	7	0.25	1%	0
005.99	Ash, Miscellaneous (%)	0629	7.080	0.0200	6.776	0.3944	0.0848	7	0.77	2%	0
005.99	Ash, Miscellaneous (%)	2319	7.250	0.1000	6.776	0.3944	0.0848	7	1.20	3%	0
006.00	Total Sugars, As sucrose (%)	2319	4.500	0.2000				2			0
006.00	Total Sugars, As sucrose (%)	0407	5.098	0.0840				2			0
006.01	Total Sugars, Mod. Fehling Soln (%)	0038	4.960	0.1800				1			0
006.99	Total Sugars, Miscellaneous (%)	0148	2.600	0.1200	4.912	1.351	0.2040	5			0
006.99	Total Sugars, Miscellaneous (%)	0939	4.830	0.3200	4.912	1.351	0.2040	5			0
006.99	Total Sugars, Miscellaneous (%)	0610	5.555	0.1300	4.912	1.351	0.2040	5			0
006.99	Total Sugars, Miscellaneous (%)	0956	5.750	0.3000	4.912	1.351	0.2040	5			0
006.99	Total Sugars, Miscellaneous (%)	0226	5.825	0.1500	4.912	1.351	0.2040	5			0
008.02	Fiber, Acid Detergent, Crucible (%)	2192	18.69	0.1000	19.99	0.6637	0.2857	10	-1.96	3%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0948	19.41	0.4400	19.99	0.6637	0.2857	10	-0.87	1%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0098	19.45	0.1700	19.99	0.6637	0.2857	10	-0.82	1%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0353	19.81	0.1100	19.99	0.6637	0.2857	10	-0.28	0%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0674	20.09	0.0000	19.99	0.6637	0.2857	10	0.15	0%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0148	20.13	0.0900	19.99	0.6637	0.2857	10	0.20	0%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0964	20.24	0.1320	19.99	0.6637	0.2857	10	0.38	1%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0171	20.36	0.0600	19.99	0.6637	0.2857	10	0.56	1%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0689	20.45	0.9000	19.99	0.6637	0.2857	10	0.69	1%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0226	21.86	0.7100	19.99	0.6637	0.2857	10	2.81	5%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2129	17.09	0.0390	19.75	1.290	0.3300	44	-2.06	7%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0968	17.36	0.1400	19.75	1.290	0.3300	44	-1.85	6%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs			
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0675	18.05	0.2000	19.75	1.290	0.3300	44	-1.32	4%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0956	18.05	0.1000	19.75	1.290	0.3300	44	-1.32	4%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0026	18.14	0.0300	19.75	1.290	0.3300	44	-1.25	4%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0413	18.20	0.4000	19.75	1.290	0.3300	44	-1.20	4%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0354	18.25	0.0100	19.75	1.290	0.3300	44	-1.16	4%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0848	18.38	0.2500	19.75	1.290	0.3300	44	-1.06	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0939	18.49	0.2600	19.75	1.290	0.3300	44	-0.97	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2433	18.55	0.4377	19.75	1.290	0.3300	44	-0.93	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0870	18.57	1.059	19.75	1.290	0.3300	44	-0.91	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0004	18.72	0.2200	19.75	1.290	0.3300	44	-0.80	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0366	19.15	0.1000	19.75	1.290	0.3300	44	-0.46	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0407	19.28	0.7103	19.75	1.290	0.3300	44	-0.36	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0042	19.38	0.3700	19.75	1.290	0.3300	44	-0.29	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0066	19.41	0.3100	19.75	1.290	0.3300	44	-0.27	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0918	19.48	0.4800	19.75	1.290	0.3300	44	-0.21	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0948	19.57	0.6700	19.75	1.290	0.3300	44	-0.14	0%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2457	19.61	0.5800	19.75	1.290	0.3300	44	-0.11	0%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2196	19.68	0.0000	19.75	1.290	0.3300	44	-0.05	0%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0358	19.77	0.5800	19.75	1.290	0.3300	44	0.02	0%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0294	19.77	0.1600	19.75	1.290	0.3300	44	0.02	0%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0511	19.80	0.0000	19.75	1.290	0.3300	44	0.04	0%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2302	19.84	0.0700	19.75	1.290	0.3300	44	0.07	0%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0297	19.90	0.2000	19.75	1.290	0.3300	44	0.12	0%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0015	20.01	0.5000	19.75	1.290	0.3300	44	0.20	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0083	20.08	0.2600	19.75	1.290	0.3300	44	0.26	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0510	20.10	0.2000	19.75	1.290	0.3300	44	0.27	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0596	20.13	0.0500	19.75	1.290	0.3300	44	0.29	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0278	20.20	0.6000	19.75	1.290	0.3300	44	0.35	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0190	20.42	0.4400	19.75	1.290	0.3300	44	0.52	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0049	20.49	0.9900	19.75	1.290	0.3300	44	0.57	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0035	20.73	0.1300	19.75	1.290	0.3300	44	0.76	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0536	20.76	0.0100	19.75	1.290	0.3300	44	0.78	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2190	20.76	0.4500	19.75	1.290	0.3300	44	0.78	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0001	20.88	0.0590	19.75	1.290	0.3300	44	0.88	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0581	20.89	1.090	19.75	1.290	0.3300	44	0.88	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0148	20.97	0.8300	19.75	1.290	0.3300	44	0.94	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2514	21.27	0.2200	19.75	1.290	0.3300	44	1.18	4%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0045	21.30	0.2000	19.75	1.290	0.3300	44	1.20	4%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0263	21.37	0.3900	19.75	1.290	0.3300	44	1.26	4%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0227	21.55	0.3000	19.75	1.290	0.3300	44	1.40	5%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0357	21.86	0.8500	19.75	1.290	0.3300	44	1.63	5%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0726	21.87	0.0100	19.75	1.290	0.3300	44	1.64	5%	0

Test Material Code # 202523

Method Proficiency Testing Report

Issue Date : 04/30/2025

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs			
008.99	Fiber, Acid Detergent, Miscellaneous (%)	0610	19.20	0.2000	20.63	1.240	0.5013	4			0
008.99	Fiber, Acid Detergent, Miscellaneous (%)	0027	20.48	0.5150	20.63	1.240	0.5013	4			0
008.99	Fiber, Acid Detergent, Miscellaneous (%)	0629	20.60	0.8000	20.63	1.240	0.5013	4			0
008.99	Fiber, Acid Detergent, Miscellaneous (%)	0941	22.23	0.4900	20.63	1.240	0.5013	4			0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat	0948	33.27	0.6000	35.02	1.321	0.3365	9	-1.32	2%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat	0353	33.66	1.180	35.02	1.321	0.3365	9	-1.03	2%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat	0098	33.95	0.1000	35.02	1.321	0.3365	9	-0.81	2%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat	2192	34.79	0.0300	35.02	1.321	0.3365	9	-0.18	0%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat	0689	35.45	0.1000	35.02	1.321	0.3365	9	0.33	1%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat	0226	35.57	0.2700	35.02	1.321	0.3365	9	0.41	1%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat	0964	35.68	0.1300	35.02	1.321	0.3365	9	0.50	1%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat	0610	36.30	0.6000	35.02	1.321	0.3365	9	0.97	2%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat	0674	36.50	0.0000	35.02	1.321	0.3365	9	1.12	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	2022	32.73	0.0600	34.19	1.015	0.3372	39	-1.44	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0510	32.75	0.1000	34.19	1.015	0.3372	39	-1.42	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0598	32.88	0.1800	34.19	1.015	0.3372	39	-1.29	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	2433	33.04	0.1778	34.19	1.015	0.3372	39	-1.14	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0015	33.06	0.5100	34.19	1.015	0.3372	39	-1.12	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0035	33.23	0.0800	34.19	1.015	0.3372	39	-0.95	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0083	33.38	0.3300	34.19	1.015	0.3372	39	-0.80	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	2196	33.40	0.0000	34.19	1.015	0.3372	39	-0.78	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0948	33.41	0.2600	34.19	1.015	0.3372	39	-0.77	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0675	33.50	0.1900	34.19	1.015	0.3372	39	-0.69	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0918	33.53	0.0700	34.19	1.015	0.3372	39	-0.66	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0581	33.55	1.020	34.19	1.015	0.3372	39	-0.63	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0413	33.70	0.4000	34.19	1.015	0.3372	39	-0.48	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0294	33.72	0.4700	34.19	1.015	0.3372	39	-0.47	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0596	33.76	0.1800	34.19	1.015	0.3372	39	-0.42	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	2129	33.78	0.4800	34.19	1.015	0.3372	39	-0.41	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0358	33.94	0.1300	34.19	1.015	0.3372	39	-0.25	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0407	33.95	0.4704	34.19	1.015	0.3372	39	-0.24	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	2190	34.08	0.4900	34.19	1.015	0.3372	39	-0.11	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0939	34.17	0.6100	34.19	1.015	0.3372	39	-0.03	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0870	34.25	0.0717	34.19	1.015	0.3372	39	0.05	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0366	34.25	1.100	34.19	1.015	0.3372	39	0.06	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0148	34.29	0.5400	34.19	1.015	0.3372	39	0.10	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0045	34.35	0.1000	34.19	1.015	0.3372	39	0.16	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	2457	34.35	0.1000	34.19	1.015	0.3372	39	0.16	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0956	34.40	0.0000	34.19	1.015	0.3372	39	0.21	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0848	34.56	0.1000	34.19	1.015	0.3372	39	0.36	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0968	34.61	0.3600	34.19	1.015	0.3372	39	0.41	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0066	34.62	0.2000	34.19	1.015	0.3372	39	0.42	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs			
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0278	34.90	0.2000	34.19	1.015	0.3372	39	0.70	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0190	35.11	0.1800	34.19	1.015	0.3372	39	0.91	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0726	35.11	0.1800	34.19	1.015	0.3372	39	0.91	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0354	35.30	0.5700	34.19	1.015	0.3372	39	1.09	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0357	35.33	0.9200	34.19	1.015	0.3372	39	1.12	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0049	35.66	1.340	34.19	1.015	0.3372	39	1.45	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	2302	36.16	0.0700	34.19	1.015	0.3372	39	1.94	3%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0227	36.25	0.7000	34.19	1.015	0.3372	39	2.03	3%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0536	36.32	0.2700	34.19	1.015	0.3372	39	2.09	3%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0263	36.76	0.6930	34.19	1.015	0.3372	39	2.53	4%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0297	16.65	0.9700	34.19	1.015	0.3372	39	-17.29	26%	2
009.99	Fiber, Neutral Detergent, Miscellaneous (%)	0629	33.35	0.3000				2			0
009.99	Fiber, Neutral Detergent, Miscellaneous (%)	0941	38.17	0.3000				2			0
010.03	Moisture, Karl-Fischer (%)	0227	7.765	0.0700				2			0
010.03	Moisture, Karl-Fischer (%)	0843	8.380	0.1800				2			0
010.11	Moisture, NIR (%)	2105	7.030	0.2800	8.166	0.8365	0.1450	5			0
010.11	Moisture, NIR (%)	0852	7.680	0.1800	8.166	0.8365	0.1450	5			0
010.11	Moisture, NIR (%)	0553	8.195	0.0700	8.166	0.8365	0.1450	5			0
010.11	Moisture, NIR (%)	2386	8.925	0.0500	8.166	0.8365	0.1450	5			0
010.11	Moisture, NIR (%)	0047	9.000	0.0000	8.166	0.8365	0.1450	5			0
010.99	Moisture, Miscellaneous (%)	2129	4.877	0.0740	8.078	0.6236	0.0592	17	-5.13	20%	0
010.99	Moisture, Miscellaneous (%)	0726	5.880	0.0200	8.078	0.6236	0.0592	17	-3.52	14%	0
010.99	Moisture, Miscellaneous (%)	0011	7.465	0.0900	8.078	0.6236	0.0592	17	-0.98	4%	0
010.99	Moisture, Miscellaneous (%)	0546	7.525	0.0300	8.078	0.6236	0.0592	17	-0.89	3%	0
010.99	Moisture, Miscellaneous (%)	0852	7.880	0.0400	8.078	0.6236	0.0592	17	-0.32	1%	0
010.99	Moisture, Miscellaneous (%)	0939	7.970	0.0400	8.078	0.6236	0.0592	17	-0.17	1%	0
010.99	Moisture, Miscellaneous (%)	2115	8.010	0.0400	8.078	0.6236	0.0592	17	-0.11	0%	0
010.99	Moisture, Miscellaneous (%)	2506	8.050	0.0400	8.078	0.6236	0.0592	17	-0.04	0%	0
010.99	Moisture, Miscellaneous (%)	0948	8.100	0.0200	8.078	0.6236	0.0592	17	0.04	0%	0
010.99	Moisture, Miscellaneous (%)	0034	8.105	0.0900	8.078	0.6236	0.0592	17	0.04	0%	0
010.99	Moisture, Miscellaneous (%)	0964	8.158	0.0550	8.078	0.6236	0.0592	17	0.13	0%	0
010.99	Moisture, Miscellaneous (%)	0692	8.255	0.2700	8.078	0.6236	0.0592	17	0.28	1%	0
010.99	Moisture, Miscellaneous (%)	2076	8.360	0.0800	8.078	0.6236	0.0592	17	0.45	2%	0
010.99	Moisture, Miscellaneous (%)	2150	8.420	0.2000	8.078	0.6236	0.0592	17	0.55	2%	0
010.99	Moisture, Miscellaneous (%)	0019	8.835	0.1100	8.078	0.6236	0.0592	17	1.21	5%	0
010.99	Moisture, Miscellaneous (%)	0190	8.895	0.0100	8.078	0.6236	0.0592	17	1.31	5%	0
010.99	Moisture, Miscellaneous (%)	2476	9.591	0.0220	8.078	0.6236	0.0592	17	2.43	9%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	1019	8.005	0.2700	9.103	0.3791	0.1053	60	-2.90	6%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2489	8.200	0.0200	9.103	0.3791	0.1053	60	-2.38	5%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2199	8.250	0.7000	9.103	0.3791	0.1053	60	-2.25	5%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0539	8.275	0.3100	9.103	0.3791	0.1053	60	-2.18	5%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0675	8.400	0.2600	9.103	0.3791	0.1053	60	-1.86	4%	0

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Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs			
011.01	Loss on Drying, HT, 135°C 2hr (%)	0227	8.585	0.0100	9.103	0.3791	0.1053	60	-1.37	3%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2174	8.610	0.2600	9.103	0.3791	0.1053	60	-1.30	3%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0226	8.690	0.1400	9.103	0.3791	0.1053	60	-1.09	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0651	8.722	0.0081	9.103	0.3791	0.1053	60	-1.01	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0598	8.740	0.0200	9.103	0.3791	0.1053	60	-0.96	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2433	8.808	0.2416	9.103	0.3791	0.1053	60	-0.78	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2457	8.810	0.0400	9.103	0.3791	0.1053	60	-0.77	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0354	8.825	0.0500	9.103	0.3791	0.1053	60	-0.73	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2322	8.840	0.1200	9.103	0.3791	0.1053	60	-0.69	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0968	8.845	0.0100	9.103	0.3791	0.1053	60	-0.68	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0510	8.850	0.1000	9.103	0.3791	0.1053	60	-0.67	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0643	8.867	0.1510	9.103	0.3791	0.1053	60	-0.62	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0208	8.870	0.1000	9.103	0.3791	0.1053	60	-0.62	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0953	8.880	0.0400	9.103	0.3791	0.1053	60	-0.59	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0520	8.920	0.0200	9.103	0.3791	0.1053	60	-0.48	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0108	8.925	0.0300	9.103	0.3791	0.1053	60	-0.47	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0263	8.947	0.0240	9.103	0.3791	0.1053	60	-0.41	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0171	8.965	0.0700	9.103	0.3791	0.1053	60	-0.37	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0294	8.975	0.0300	9.103	0.3791	0.1053	60	-0.34	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2434	9.000	0.0000	9.103	0.3791	0.1053	60	-0.27	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2184	9.035	0.1300	9.103	0.3791	0.1053	60	-0.18	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0674	9.050	0.0000	9.103	0.3791	0.1053	60	-0.14	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0100	9.080	0.2400	9.103	0.3791	0.1053	60	-0.06	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2188	9.090	0.0200	9.103	0.3791	0.1053	60	-0.04	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2196	9.100	0.0000	9.103	0.3791	0.1053	60	-0.01	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0242	9.105	0.1700	9.103	0.3791	0.1053	60	0.00	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2006	9.120	0.2400	9.103	0.3791	0.1053	60	0.04	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0563	9.180	0.0566	9.103	0.3791	0.1053	60	0.20	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0553	9.185	0.5500	9.103	0.3791	0.1053	60	0.22	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2193	9.185	0.0500	9.103	0.3791	0.1053	60	0.22	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0026	9.190	0.0400	9.103	0.3791	0.1053	60	0.23	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2325	9.215	0.0300	9.103	0.3791	0.1053	60	0.29	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0300	9.245	0.1500	9.103	0.3791	0.1053	60	0.37	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0144	9.250	0.1000	9.103	0.3791	0.1053	60	0.39	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0098	9.255	0.1100	9.103	0.3791	0.1053	60	0.40	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2459	9.280	0.1400	9.103	0.3791	0.1053	60	0.47	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2482	9.282	0.0610	9.103	0.3791	0.1053	60	0.47	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2181	9.325	0.0300	9.103	0.3791	0.1053	60	0.58	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0682	9.350	0.0000	9.103	0.3791	0.1053	60	0.65	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0004	9.365	0.0100	9.103	0.3791	0.1053	60	0.69	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2022	9.375	0.0100	9.103	0.3791	0.1053	60	0.72	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0536	9.385	0.0100	9.103	0.3791	0.1053	60	0.74	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs			
011.01	Loss on Drying, HT, 135°C 2hr (%)	0066	9.435	0.1300	9.103	0.3791	0.1053	60	0.87	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0574	9.435	0.0700	9.103	0.3791	0.1053	60	0.87	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2302	9.450	0.3800	9.103	0.3791	0.1053	60	0.91	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0511	9.465	0.0700	9.103	0.3791	0.1053	60	0.95	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0541	9.480	0.0600	9.103	0.3791	0.1053	60	0.99	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0229	9.505	0.3100	9.103	0.3791	0.1053	60	1.06	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0123	9.545	0.1100	9.103	0.3791	0.1053	60	1.16	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0870	9.602	0.0928	9.103	0.3791	0.1053	60	1.32	3%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0848	9.605	0.1500	9.103	0.3791	0.1053	60	1.32	3%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0618	9.705	0.2700	9.103	0.3791	0.1053	60	1.59	3%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0407	9.714	0.0301	9.103	0.3791	0.1053	60	1.61	3%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0589	9.725	0.0300	9.103	0.3791	0.1053	60	1.64	3%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0948	9.830	0.0200	9.103	0.3791	0.1053	60	1.92	4%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2268	8.815	0.8300	9.103	0.3791	0.1053	60	-0.76	2%	1
011.01	Loss on Drying, HT, 135°C 2hr (%)	0843	9.600	0.8200	9.103	0.3791	0.1053	60	1.31	3%	1
011.02	Loss on Drying, HT, 130°C for 2 hours (%)	0942	8.700	0.1000				1			0
011.99	Loss on Drying, HT, High Temp. Methods Misc	0852	7.880	0.0400	8.948	0.9598	0.1235	6	-1.11	6%	0
011.99	Loss on Drying, HT, High Temp. Methods Misc	2388	8.060	0.1000	8.948	0.9598	0.1235	6	-0.93	5%	0
011.99	Loss on Drying, HT, High Temp. Methods Misc	2168	9.014	0.2020	8.948	0.9598	0.1235	6	0.07	0%	0
011.99	Loss on Drying, HT, High Temp. Methods Misc	2174	9.040	0.0600	8.948	0.9598	0.1235	6	0.10	1%	0
011.99	Loss on Drying, HT, High Temp. Methods Misc	2303	9.746	0.3190	8.948	0.9598	0.1235	6	0.83	4%	0
011.99	Loss on Drying, HT, High Temp. Methods Misc	2022	9.950	0.0200	8.948	0.9598	0.1235	6	1.04	6%	0
012.00	Starch, Polarimetric (Ewers) (%)	0939	12.91	0.2700	14.16	0.5776	0.2550	13	-2.18	4%	0
012.00	Starch, Polarimetric (Ewers) (%)	0848	13.69	0.0100	14.16	0.5776	0.2550	13	-0.83	2%	0
012.00	Starch, Polarimetric (Ewers) (%)	0941	13.71	0.4500	14.16	0.5776	0.2550	13	-0.79	2%	0
012.00	Starch, Polarimetric (Ewers) (%)	0227	13.90	0.0000	14.16	0.5776	0.2550	13	-0.46	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	2196	13.91	0.0000	14.16	0.5776	0.2550	13	-0.44	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	2319	13.95	0.1000	14.16	0.5776	0.2550	13	-0.37	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0610	14.05	0.3000	14.16	0.5776	0.2550	13	-0.20	0%	0
012.00	Starch, Polarimetric (Ewers) (%)	0689	14.30	0.4000	14.16	0.5776	0.2550	13	0.24	0%	0
012.00	Starch, Polarimetric (Ewers) (%)	2006	14.35	0.3700	14.16	0.5776	0.2550	13	0.31	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	2192	14.42	0.0400	14.16	0.5776	0.2550	13	0.44	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0354	14.50	0.0800	14.16	0.5776	0.2550	13	0.58	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	2181	15.11	0.2200	14.16	0.5776	0.2550	13	1.64	3%	0
012.00	Starch, Polarimetric (Ewers) (%)	2188	15.52	0.6700	14.16	0.5776	0.2550	13	2.34	5%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megaz	0941	9.600	0.6000	11.92	0.5807	0.3718	10	-4.00	10%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megaz	0027	10.58	0.5415	11.92	0.5807	0.3718	10	-2.31	6%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megaz	0676	11.71	0.2800	11.92	0.5807	0.3718	10	-0.37	1%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megaz	0171	11.98	0.2500	11.92	0.5807	0.3718	10	0.09	0%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megaz	0148	12.03	0.1200	11.92	0.5807	0.3718	10	0.18	0%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megaz	0407	12.07	0.8393	11.92	0.5807	0.3718	10	0.25	1%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megaz	0870	12.09	0.3438	11.92	0.5807	0.3718	10	0.29	1%	0

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			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs			
012.01	Starch, Enzymatic-Colorimetric Method (Megaz	0366	12.40	0.4000	11.92	0.5807	0.3718	10	0.82	2%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megaz	0227	12.40	0.2000	11.92	0.5807	0.3718	10	0.82	2%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megaz	0956	12.45	0.3000	11.92	0.5807	0.3718	10	0.91	2%	0
012.03	Starch, Enzymatic-Colorimetric Method, Miscell	0407	12.27	0.3102				2			0
012.03	Starch, Enzymatic-Colorimetric Method, Miscell	0297	12.76	0.9100				2			0
012.04	Starch, Enzymatic-Enzyme Membrane Technol	2129	11.29	0.1020	12.79	1.374	0.6024	9	-1.09	6%	0
012.04	Starch, Enzymatic-Enzyme Membrane Technol	0278	11.60	1.200	12.79	1.374	0.6024	9	-0.86	5%	0
012.04	Starch, Enzymatic-Enzyme Membrane Technol	0510	11.85	0.1000	12.79	1.374	0.6024	9	-0.68	4%	0
012.04	Starch, Enzymatic-Enzyme Membrane Technol	0948	12.49	0.9770	12.79	1.374	0.6024	9	-0.22	1%	0
012.04	Starch, Enzymatic-Enzyme Membrane Technol	0045	12.50	0.4000	12.79	1.374	0.6024	9	-0.21	1%	0
012.04	Starch, Enzymatic-Enzyme Membrane Technol	0226	12.82	0.4400	12.79	1.374	0.6024	9	0.03	0%	0
012.04	Starch, Enzymatic-Enzyme Membrane Technol	0098	13.25	0.5000	12.79	1.374	0.6024	9	0.34	2%	0
012.04	Starch, Enzymatic-Enzyme Membrane Technol	0674	14.62	0.0000	12.79	1.374	0.6024	9	1.34	7%	0
012.04	Starch, Enzymatic-Enzyme Membrane Technol	0208	14.65	1.100	12.79	1.374	0.6024	9	1.36	7%	0
012.11	Starch, NIR (%)	0852	14.20	0.1600				2			0
012.11	Starch, NIR (%)	0297	16.44	0.4000				2			0
012.20	Starch, Dietary, Enzymatic-Colorimetric (%)	0353	12.65	0.2600				1			0
012.99	Starch, Miscellaneous (%)	0066	12.35	0.4400				1			0
013.00	Fat, Pretreat, Acid hydrolysis (%)	0618	3.820	0.4400	4.906	0.4952	0.2465	17	-2.19	11%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	2115	4.215	0.2300	4.906	0.4952	0.2465	17	-1.40	7%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	2146	4.495	0.0300	4.906	0.4952	0.2465	17	-0.83	4%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	0242	4.555	0.0700	4.906	0.4952	0.2465	17	-0.71	4%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	0675	4.645	0.1500	4.906	0.4952	0.2465	17	-0.53	3%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	0083	4.685	0.0100	4.906	0.4952	0.2465	17	-0.45	2%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	0650	4.725	0.7100	4.906	0.4952	0.2465	17	-0.37	2%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	0948	4.760	0.0400	4.906	0.4952	0.2465	17	-0.30	1%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	2302	4.885	0.3900	4.906	0.4952	0.2465	17	-0.04	0%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	2319	4.950	0.1000	4.906	0.4952	0.2465	17	0.09	0%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	0689	5.050	0.3000	4.906	0.4952	0.2465	17	0.29	1%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	0541	5.070	0.4400	4.906	0.4952	0.2465	17	0.33	2%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	0229	5.225	0.2900	4.906	0.4952	0.2465	17	0.64	3%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	0297	5.400	0.4000	4.906	0.4952	0.2465	17	1.00	5%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	0202	5.495	0.4700	4.906	0.4952	0.2465	17	1.19	6%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	2076	5.502	0.0011	4.906	0.4952	0.2465	17	1.20	6%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	2150	5.585	0.2700	4.906	0.4952	0.2465	17	1.37	7%	0
013.02	Fat, Pretreat, Mojonniier, Bak Ext, Acid hydrolys	0098	4.600	0.2800	5.407	0.5519	0.1415	15	-1.46	7%	0
013.02	Fat, Pretreat, Mojonniier, Bak Ext, Acid hydrolys	0208	4.645	0.1900	5.407	0.5519	0.1415	15	-1.38	7%	0
013.02	Fat, Pretreat, Mojonniier, Bak Ext, Acid hydrolys	0148	4.925	0.2700	5.407	0.5519	0.1415	15	-0.87	4%	0
013.02	Fat, Pretreat, Mojonniier, Bak Ext, Acid hydrolys	0853	5.000	0.0000	5.407	0.5519	0.1415	15	-0.74	4%	0
013.02	Fat, Pretreat, Mojonniier, Bak Ext, Acid hydrolys	0682	5.090	0.0000	5.407	0.5519	0.1415	15	-0.57	3%	0
013.02	Fat, Pretreat, Mojonniier, Bak Ext, Acid hydrolys	0870	5.154	0.3579	5.407	0.5519	0.1415	15	-0.46	2%	0
013.02	Fat, Pretreat, Mojonniier, Bak Ext, Acid hydrolys	0227	5.470	0.0800	5.407	0.5519	0.1415	15	0.11	1%	0

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013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolys	0563	5.472	0.0844	5.407	0.5519	0.1415	15	0.12	1%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolys	0045	5.525	0.1900	5.407	0.5519	0.1415	15	0.21	1%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolys	0643	5.713	0.0000	5.407	0.5519	0.1415	15	0.55	3%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolys	0553	5.715	0.0700	5.407	0.5519	0.1415	15	0.56	3%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolys	2259	5.784	0.0400	5.407	0.5519	0.1415	15	0.68	3%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolys	2492	5.800	0.0200	5.407	0.5519	0.1415	15	0.71	4%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolys	0676	5.985	0.0500	5.407	0.5519	0.1415	15	1.05	5%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolys	0407	6.232	0.1060	5.407	0.5519	0.1415	15	1.49	8%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolys	0038	4.245	0.7300	5.407	0.5519	0.1415	15	-2.11	11%	1
013.08	Fat, Pretreat, Roesse-Gottlieb Modified, Alkaline	0618	2.585	0.1100				1			0
013.10	Fat, Pretreat, Soxtec-Acid Hydrolysis (%)	2268	3.715	0.3500	4.543	0.4891	0.3122	6	-1.69	9%	0
013.10	Fat, Pretreat, Soxtec-Acid Hydrolysis (%)	2196	4.400	0.0000	4.543	0.4891	0.3122	6	-0.29	2%	0
013.10	Fat, Pretreat, Soxtec-Acid Hydrolysis (%)	0610	4.560	0.0600	4.543	0.4891	0.3122	6	0.04	0%	0
013.10	Fat, Pretreat, Soxtec-Acid Hydrolysis (%)	0036	4.566	0.2511	4.543	0.4891	0.3122	6	0.05	0%	0
013.10	Fat, Pretreat, Soxtec-Acid Hydrolysis (%)	0353	4.855	0.8500	4.543	0.4891	0.3122	6	0.64	3%	0
013.10	Fat, Pretreat, Soxtec-Acid Hydrolysis (%)	2349	5.065	0.0500	4.543	0.4891	0.3122	6	1.07	6%	0
013.13	Fat, Pretreat, Ankom- Acid Hydrolysis (%)	2115	4.165	0.1300	4.758	0.4173	0.0831	8	-1.42	6%	0
013.13	Fat, Pretreat, Ankom- Acid Hydrolysis (%)	0581	4.320	0.0800	4.758	0.4173	0.0831	8	-1.05	5%	0
013.13	Fat, Pretreat, Ankom- Acid Hydrolysis (%)	0354	4.620	0.1000	4.758	0.4173	0.0831	8	-0.33	1%	0
013.13	Fat, Pretreat, Ankom- Acid Hydrolysis (%)	0939	4.785	0.0500	4.758	0.4173	0.0831	8	0.07	0%	0
013.13	Fat, Pretreat, Ankom- Acid Hydrolysis (%)	2433	4.874	0.1348	4.758	0.4173	0.0831	8	0.28	1%	0
013.13	Fat, Pretreat, Ankom- Acid Hydrolysis (%)	2129	4.977	0.0470	4.758	0.4173	0.0831	8	0.52	2%	0
013.13	Fat, Pretreat, Ankom- Acid Hydrolysis (%)	0843	5.150	0.0400	4.758	0.4173	0.0831	8	0.94	4%	0
013.13	Fat, Pretreat, Ankom- Acid Hydrolysis (%)	0968	5.170	0.0000	4.758	0.4173	0.0831	8	0.99	4%	0
013.13	Fat, Pretreat, Ankom- Acid Hydrolysis (%)	0407	5.538	0.5968	4.758	0.4173	0.0831	8	1.87	8%	1
013.99	Fat, Pretreat, Miscellaneous (%)	2155	3.875	0.2100				1			0
014.01	Fiber, Total Dietary, Enz-Grav (%)	2319	38.80	0.8000				2			0
014.01	Fiber, Total Dietary, Enz-Grav (%)	0148	40.35	0.3330				2			0
015.41	Aluminum, ICP, Dry ash (ppm)	0049	41.09	0.7900	57.05	14.16	3.703	4			0
015.41	Aluminum, ICP, Dry ash (ppm)	0407	53.37	2.602	57.05	14.16	3.703	4			0
015.41	Aluminum, ICP, Dry ash (ppm)	0227	58.50	9.000	57.05	14.16	3.703	4			0
015.41	Aluminum, ICP, Dry ash (ppm)	0520	75.25	2.419	57.05	14.16	3.703	4			0
015.42	Aluminum, ICP, Open vessel (ppm)	0692	22.10	3.660				2			0
015.42	Aluminum, ICP, Open vessel (ppm)	2129	173.6	13.20				2			0
015.43	Aluminum, ICP, Microwave (ppm)	0510	28.00	0.0000	58.86	21.69	2.590	7	-1.42	26%	0
015.43	Aluminum, ICP, Microwave (ppm)	0297	49.50	1.000	58.86	21.69	2.590	7	-0.43	8%	0
015.43	Aluminum, ICP, Microwave (ppm)	0407	53.09	3.069	58.86	21.69	2.590	7	-0.27	5%	0
015.43	Aluminum, ICP, Microwave (ppm)	0353	62.55	4.100	58.86	21.69	2.590	7	0.17	3%	0
015.43	Aluminum, ICP, Microwave (ppm)	2481	62.67	0.9500	58.86	21.69	2.590	7	0.18	3%	0
015.43	Aluminum, ICP, Microwave (ppm)	0964	64.80	3.400	58.86	21.69	2.590	7	0.27	5%	0
015.43	Aluminum, ICP, Microwave (ppm)	0226	115.4	3.020	58.86	21.69	2.590	7	2.61	48%	0
015.53	Aluminum, ICP-MS, Microwave (ppm)	0939	57.94	1.700				3			0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs			
015.53	Aluminum, ICP-MS, Microwave (ppm)	0553	63.05	0.3000				3			0
015.53	Aluminum, ICP-MS, Microwave (ppm)	0407	63.32	1.811				3			0
015.99	Aluminum, Miscellaneous (ppm)	0123	33.85	2.500				1			0
017.41	Boron, ICP, Dry ash (ppm)	0407	10.32	0.4041	10.80	0.4247	0.5735	4			0
017.41	Boron, ICP, Dry ash (ppm)	0358	10.61	0.6200	10.80	0.4247	0.5735	4			0
017.41	Boron, ICP, Dry ash (ppm)	0226	10.97	0.0900	10.80	0.4247	0.5735	4			0
017.41	Boron, ICP, Dry ash (ppm)	0049	11.30	1.180	10.80	0.4247	0.5735	4			0
017.41	Boron, ICP, Dry ash (ppm)	0229	6.125	2.490	10.80	0.4247	0.5735	4			2
017.42	Boron, ICP, Open vessel (ppm)	0045	10.60	0.4000				3			0
017.42	Boron, ICP, Open vessel (ppm)	0294	11.95	0.5400				3			0
017.42	Boron, ICP, Open vessel (ppm)	2129	13.44	0.4100				3			0
017.43	Boron, ICP, Microwave (ppm)	0297	4.500	1.000	10.13	3.176	0.3453	7	-1.77	28%	0
017.43	Boron, ICP, Microwave (ppm)	0083	8.770	0.0000	10.13	3.176	0.3453	7	-0.43	7%	0
017.43	Boron, ICP, Microwave (ppm)	0407	9.966	0.1265	10.13	3.176	0.3453	7	-0.05	1%	0
017.43	Boron, ICP, Microwave (ppm)	0510	10.00	0.0000	10.13	3.176	0.3453	7	-0.04	1%	0
017.43	Boron, ICP, Microwave (ppm)	0918	10.50	0.0400	10.13	3.176	0.3453	7	0.12	2%	0
017.43	Boron, ICP, Microwave (ppm)	0353	11.44	0.0700	10.13	3.176	0.3453	7	0.41	6%	0
017.43	Boron, ICP, Microwave (ppm)	0226	18.57	0.4900	10.13	3.176	0.3453	7	2.65	42%	0
017.52	Boron, ICP-MS, Open vessel (ppm)	0096	10.11	0.8640				1			0
017.53	Boron, ICP-MS, Microwave (ppm)	0407	11.21	0.1192				2			0
017.53	Boron, ICP-MS, Microwave (ppm)	0553	13.30	0.6000				2			0
017.99	Boron, Miscellaneous (ppm)	0123	10.45	0.1000				1			0
019.00	Calcium, Ox-Mn04 Vol. (%)	0043	0.6250	0.0000	0.9058	0.0694	0.0279	6	-4.04	15%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2022	0.8700	0.0200	0.9058	0.0694	0.0279	6	-0.52	2%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2006	0.9170	0.0220	0.9058	0.0694	0.0279	6	0.16	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2190	0.9260	0.0494	0.9058	0.0694	0.0279	6	0.29	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2181	0.9500	0.0000	0.9058	0.0694	0.0279	6	0.64	2%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2302	0.9700	0.0200	0.9058	0.0694	0.0279	6	0.93	4%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2489	1.325	0.4900	0.9058	0.0694	0.0279	6	6.04	23%	1
019.02	Calcium, Hach Method (%)	0536	0.9700	0.0200				1			0
019.08	Calcium, EDTA (%)	2199	0.8600	0.0400	0.9323	0.0530	0.0248	8	-1.36	4%	0
019.08	Calcium, EDTA (%)	0590	0.8950	0.0100	0.9323	0.0530	0.0248	8	-0.70	2%	0
019.08	Calcium, EDTA (%)	2196	0.9000	0.0000	0.9323	0.0530	0.0248	8	-0.61	2%	0
019.08	Calcium, EDTA (%)	0689	0.9300	0.0200	0.9323	0.0530	0.0248	8	-0.04	0%	0
019.08	Calcium, EDTA (%)	2506	0.9400	0.0000	0.9323	0.0530	0.0248	8	0.15	0%	0
019.08	Calcium, EDTA (%)	2434	0.9600	0.0000	0.9323	0.0530	0.0248	8	0.52	1%	0
019.08	Calcium, EDTA (%)	2188	0.9650	0.0500	0.9323	0.0530	0.0248	8	0.62	2%	0
019.08	Calcium, EDTA (%)	2193	1.008	0.0040	0.9323	0.0530	0.0248	8	1.43	4%	0
019.09	Calcium, Ion-selective electrode (%)	2006	0.9440	0.0460				1			0
019.31	Calcium, AAS, Dry ash (%)	2325	0.6450	0.0100	0.8788	0.0486	0.0165	13	-4.81	13%	0
019.31	Calcium, AAS, Dry ash (%)	0536	0.8350	0.0100	0.8788	0.0486	0.0165	13	-0.90	2%	0
019.31	Calcium, AAS, Dry ash (%)	0651	0.8386	0.0086	0.8788	0.0486	0.0165	13	-0.83	2%	0

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			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs			
019.31	Calcium, AAS, Dry ash (%)	0948	0.8550	0.0100	0.8788	0.0486	0.0165	13	-0.49	1%	0
019.31	Calcium, AAS, Dry ash (%)	2022	0.8550	0.0100	0.8788	0.0486	0.0165	13	-0.49	1%	0
019.31	Calcium, AAS, Dry ash (%)	0001	0.8568	0.0316	0.8788	0.0486	0.0165	13	-0.45	1%	0
019.31	Calcium, AAS, Dry ash (%)	2196	0.8700	0.0000	0.8788	0.0486	0.0165	13	-0.18	0%	0
019.31	Calcium, AAS, Dry ash (%)	0018	0.8935	0.0330	0.8788	0.0486	0.0165	13	0.30	1%	0
019.31	Calcium, AAS, Dry ash (%)	2188	0.9080	0.0040	0.8788	0.0486	0.0165	13	0.60	2%	0
019.31	Calcium, AAS, Dry ash (%)	0563	0.9097	0.0164	0.8788	0.0486	0.0165	13	0.64	2%	0
019.31	Calcium, AAS, Dry ash (%)	0038	0.9100	0.0540	0.8788	0.0486	0.0165	13	0.64	2%	0
019.31	Calcium, AAS, Dry ash (%)	0939	0.9350	0.0100	0.8788	0.0486	0.0165	13	1.16	3%	0
019.31	Calcium, AAS, Dry ash (%)	0108	1.490	0.0200	0.8788	0.0486	0.0165	13	12.59	35%	0
019.31	Calcium, AAS, Dry ash (%)	0687	0.8600	0.1000	0.8788	0.0486	0.0165	13	-0.39	1%	1
019.32	Calcium, AAS, Open vessel (%)	0169	0.9250	0.0100				1			0
019.33	Calcium, AAS, Microwave (%)	2115	0.8150	0.0100				2			0
019.33	Calcium, AAS, Microwave (%)	2022	0.8850	0.0300				2			0
019.41	Calcium, ICP, Dry ash (%)	0004	0.8100	0.0000	0.8851	0.0282	0.0339	19	-2.66	4%	0
019.41	Calcium, ICP, Dry ash (%)	0358	0.8550	0.0300	0.8851	0.0282	0.0339	19	-1.06	2%	0
019.41	Calcium, ICP, Dry ash (%)	0208	0.8645	0.0670	0.8851	0.0282	0.0339	19	-0.73	1%	0
019.41	Calcium, ICP, Dry ash (%)	0148	0.8650	0.0480	0.8851	0.0282	0.0339	19	-0.71	1%	0
019.41	Calcium, ICP, Dry ash (%)	2259	0.8650	0.0300	0.8851	0.0282	0.0339	19	-0.71	1%	0
019.41	Calcium, ICP, Dry ash (%)	0066	0.8690	0.0300	0.8851	0.0282	0.0339	19	-0.57	1%	0
019.41	Calcium, ICP, Dry ash (%)	0171	0.8700	0.0000	0.8851	0.0282	0.0339	19	-0.53	1%	0
019.41	Calcium, ICP, Dry ash (%)	0229	0.8700	0.1200	0.8851	0.0282	0.0339	19	-0.53	1%	0
019.41	Calcium, ICP, Dry ash (%)	0407	0.8795	0.0473	0.8851	0.0282	0.0339	19	-0.20	0%	0
019.41	Calcium, ICP, Dry ash (%)	0674	0.8800	0.0000	0.8851	0.0282	0.0339	19	-0.18	0%	0
019.41	Calcium, ICP, Dry ash (%)	0019	0.8850	0.0700	0.8851	0.0282	0.0339	19	0.00	0%	0
019.41	Calcium, ICP, Dry ash (%)	0144	0.8850	0.0100	0.8851	0.0282	0.0339	19	0.00	0%	0
019.41	Calcium, ICP, Dry ash (%)	0049	0.8900	0.0400	0.8851	0.0282	0.0339	19	0.18	0%	0
019.41	Calcium, ICP, Dry ash (%)	0848	0.8950	0.0100	0.8851	0.0282	0.0339	19	0.35	1%	0
019.41	Calcium, ICP, Dry ash (%)	0598	0.9118	0.0014	0.8851	0.0282	0.0339	19	0.95	2%	0
019.41	Calcium, ICP, Dry ash (%)	0098	0.9150	0.0300	0.8851	0.0282	0.0339	19	1.06	2%	0
019.41	Calcium, ICP, Dry ash (%)	0520	0.9188	0.0178	0.8851	0.0282	0.0339	19	1.20	2%	0
019.41	Calcium, ICP, Dry ash (%)	0226	0.9500	0.0200	0.8851	0.0282	0.0339	19	2.30	4%	0
019.41	Calcium, ICP, Dry ash (%)	0413	0.9600	0.0200	0.8851	0.0282	0.0339	19	2.66	4%	0
019.42	Calcium, ICP, Open vessel (%)	0294	0.8350	0.0100	0.9009	0.0498	0.0245	19	-1.32	4%	0
019.42	Calcium, ICP, Open vessel (%)	2433	0.8370	0.0302	0.9009	0.0498	0.0245	19	-1.28	4%	0
019.42	Calcium, ICP, Open vessel (%)	0366	0.8500	0.0400	0.9009	0.0498	0.0245	19	-1.02	3%	0
019.42	Calcium, ICP, Open vessel (%)	0357	0.8508	0.0117	0.9009	0.0498	0.0245	19	-1.01	3%	0
019.42	Calcium, ICP, Open vessel (%)	0278	0.8600	0.0800	0.9009	0.0498	0.0245	19	-0.82	2%	0
019.42	Calcium, ICP, Open vessel (%)	0870	0.8714	0.0257	0.9009	0.0498	0.0245	19	-0.59	2%	0
019.42	Calcium, ICP, Open vessel (%)	0504	0.8790	0.0040	0.9009	0.0498	0.0245	19	-0.44	1%	0
019.42	Calcium, ICP, Open vessel (%)	0009	0.8822	0.0311	0.9009	0.0498	0.0245	19	-0.38	1%	0
019.42	Calcium, ICP, Open vessel (%)	2129	0.9005	0.0310	0.9009	0.0498	0.0245	19	-0.01	0%	0

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			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs			
019.42	Calcium, ICP, Open vessel (%)	0045	0.9075	0.0390	0.9009	0.0498	0.0245	19	0.13	0%	0
019.42	Calcium, ICP, Open vessel (%)	0202	0.9085	0.0030	0.9009	0.0498	0.0245	19	0.15	0%	0
019.42	Calcium, ICP, Open vessel (%)	0263	0.9160	0.0100	0.9009	0.0498	0.0245	19	0.30	1%	0
019.42	Calcium, ICP, Open vessel (%)	0042	0.9195	0.0450	0.9009	0.0498	0.0245	19	0.37	1%	0
019.42	Calcium, ICP, Open vessel (%)	0160	0.9200	0.1000	0.9009	0.0498	0.0245	19	0.38	1%	0
019.42	Calcium, ICP, Open vessel (%)	0190	0.9300	0.0200	0.9009	0.0498	0.0245	19	0.58	2%	0
019.42	Calcium, ICP, Open vessel (%)	2319	0.9480	0.0140	0.9009	0.0498	0.0245	19	0.94	3%	0
019.42	Calcium, ICP, Open vessel (%)	0186	0.9513	0.0002	0.9009	0.0498	0.0245	19	1.01	3%	0
019.42	Calcium, ICP, Open vessel (%)	0692	1.000	0.0200	0.9009	0.0498	0.0245	19	1.99	5%	0
019.42	Calcium, ICP, Open vessel (%)	0726	1.050	0.0000	0.9009	0.0498	0.0245	19	2.99	8%	0
019.42	Calcium, ICP, Open vessel (%)	0096	0.9216	0.1750	0.9009	0.0498	0.0245	19	0.41	1%	1
019.43	Calcium, ICP, Microwave (%)	0043	0.7395	0.0990	0.8781	0.0541	0.0278	36	-2.56	8%	0
019.43	Calcium, ICP, Microwave (%)	2115	0.8000	0.0000	0.8781	0.0541	0.0278	36	-1.44	4%	0
019.43	Calcium, ICP, Microwave (%)	0511	0.8050	0.0900	0.8781	0.0541	0.0278	36	-1.35	4%	0
019.43	Calcium, ICP, Microwave (%)	2322	0.8059	0.0003	0.8781	0.0541	0.0278	36	-1.34	4%	0
019.43	Calcium, ICP, Microwave (%)	0682	0.8100	0.0000	0.8781	0.0541	0.0278	36	-1.26	4%	0
019.43	Calcium, ICP, Microwave (%)	0001	0.8275	0.0510	0.8781	0.0541	0.0278	36	-0.94	3%	0
019.43	Calcium, ICP, Microwave (%)	0407	0.8399	0.0204	0.8781	0.0541	0.0278	36	-0.71	2%	0
019.43	Calcium, ICP, Microwave (%)	0226	0.8400	0.0000	0.8781	0.0541	0.0278	36	-0.70	2%	0
019.43	Calcium, ICP, Microwave (%)	0675	0.8450	0.0100	0.8781	0.0541	0.0278	36	-0.61	2%	0
019.43	Calcium, ICP, Microwave (%)	0033	0.8460	0.1180	0.8781	0.0541	0.0278	36	-0.59	2%	0
019.43	Calcium, ICP, Microwave (%)	0968	0.8540	0.0080	0.8781	0.0541	0.0278	36	-0.45	1%	0
019.43	Calcium, ICP, Microwave (%)	0036	0.8550	0.0410	0.8781	0.0541	0.0278	36	-0.43	1%	0
019.43	Calcium, ICP, Microwave (%)	0629	0.8550	0.0100	0.8781	0.0541	0.0278	36	-0.43	1%	0
019.43	Calcium, ICP, Microwave (%)	0038	0.8555	0.0170	0.8781	0.0541	0.0278	36	-0.42	1%	0
019.43	Calcium, ICP, Microwave (%)	0017	0.8616	0.0251	0.8781	0.0541	0.0278	36	-0.31	1%	0
019.43	Calcium, ICP, Microwave (%)	0083	0.8650	0.0100	0.8781	0.0541	0.0278	36	-0.24	1%	0
019.43	Calcium, ICP, Microwave (%)	2476	0.8690	0.0080	0.8781	0.0541	0.0278	36	-0.17	1%	0
019.43	Calcium, ICP, Microwave (%)	0610	0.8700	0.0200	0.8781	0.0541	0.0278	36	-0.15	0%	0
019.43	Calcium, ICP, Microwave (%)	0964	0.8726	0.0923	0.8781	0.0541	0.0278	36	-0.10	0%	0
019.43	Calcium, ICP, Microwave (%)	0300	0.8780	0.0420	0.8781	0.0541	0.0278	36	0.00	0%	0
019.43	Calcium, ICP, Microwave (%)	0354	0.8850	0.0140	0.8781	0.0541	0.0278	36	0.13	0%	0
019.43	Calcium, ICP, Microwave (%)	0510	0.8900	0.0000	0.8781	0.0541	0.0278	36	0.22	1%	0
019.43	Calcium, ICP, Microwave (%)	0098	0.8950	0.0500	0.8781	0.0541	0.0278	36	0.31	1%	0
019.43	Calcium, ICP, Microwave (%)	0876	0.8960	0.0260	0.8781	0.0541	0.0278	36	0.33	1%	0
019.43	Calcium, ICP, Microwave (%)	0010	0.9000	0.0200	0.8781	0.0541	0.0278	36	0.40	1%	0
019.43	Calcium, ICP, Microwave (%)	0297	0.9000	0.0400	0.8781	0.0541	0.0278	36	0.40	1%	0
019.43	Calcium, ICP, Microwave (%)	2481	0.9100	0.0200	0.8781	0.0541	0.0278	36	0.59	2%	0
019.43	Calcium, ICP, Microwave (%)	0028	0.9250	0.0500	0.8781	0.0541	0.0278	36	0.87	3%	0
019.43	Calcium, ICP, Microwave (%)	0870	0.9273	0.0239	0.8781	0.0541	0.0278	36	0.91	3%	0
019.43	Calcium, ICP, Microwave (%)	0505	0.9395	0.0150	0.8781	0.0541	0.0278	36	1.13	3%	0
019.43	Calcium, ICP, Microwave (%)	0035	0.9400	0.0000	0.8781	0.0541	0.0278	36	1.14	4%	0

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			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs			
019.43	Calcium, ICP, Microwave (%)	0918	0.9440	0.0240	0.8781	0.0541	0.0278	36	1.22	4%	0
019.43	Calcium, ICP, Microwave (%)	0353	0.9450	0.0100	0.8781	0.0541	0.0278	36	1.24	4%	0
019.43	Calcium, ICP, Microwave (%)	0848	0.9450	0.0100	0.8781	0.0541	0.0278	36	1.24	4%	0
019.43	Calcium, ICP, Microwave (%)	0860	0.9620	0.0000	0.8781	0.0541	0.0278	36	1.55	5%	0
019.43	Calcium, ICP, Microwave (%)	2192	1.040	0.0000	0.8781	0.0541	0.0278	36	2.99	9%	0
019.44	Calcium, ICP, Dry ash (%)	0227	0.8890	0.0060				1			0
019.52	Calcium, ICP-MS, Open vessel (%)	0154	0.7898	0.0209	0.8540	0.0452	0.0368	4			0
019.52	Calcium, ICP-MS, Open vessel (%)	0047	0.8550	0.0300	0.8540	0.0452	0.0368	4			0
019.52	Calcium, ICP-MS, Open vessel (%)	0096	0.8829	0.0786	0.8540	0.0452	0.0368	4			0
019.52	Calcium, ICP-MS, Open vessel (%)	0186	0.8883	0.0175	0.8540	0.0452	0.0368	4			0
019.53	Calcium, ICP-MS, Microwave (%)	0199	0.8415	0.0110	0.9029	0.0391	0.0137	5			0
019.53	Calcium, ICP-MS, Microwave (%)	0016	0.9025	0.0050	0.9029	0.0391	0.0137	5			0
019.53	Calcium, ICP-MS, Microwave (%)	0553	0.9090	0.0200	0.9029	0.0391	0.0137	5			0
019.53	Calcium, ICP-MS, Microwave (%)	0407	0.9117	0.0189	0.9029	0.0391	0.0137	5			0
019.53	Calcium, ICP-MS, Microwave (%)	0939	0.9500	0.0000	0.9029	0.0391	0.0137	5			0
019.99	Calcium, Miscellaneous (%)	0242	0.8400	0.0200	0.8744	0.0338	0.0220	5			0
019.99	Calcium, Miscellaneous (%)	0676	0.8450	0.0100	0.8744	0.0338	0.0220	5			0
019.99	Calcium, Miscellaneous (%)	2302	0.8720	0.0100	0.8744	0.0338	0.0220	5			0
019.99	Calcium, Miscellaneous (%)	0123	0.8950	0.0300	0.8744	0.0338	0.0220	5			0
019.99	Calcium, Miscellaneous (%)	0100	0.9200	0.0400	0.8744	0.0338	0.0220	5			0
021.31	Cobalt, AAS, Dry ash (ppm)	0563	1.037	0.0770				1			0
021.41	Cobalt, ICP, Dry ash (ppm)	0227	1.100	0.2000	1.190	0.1039	0.0790	4			0
021.41	Cobalt, ICP, Dry ash (ppm)	0148	1.150	0.0200	1.190	0.1039	0.0790	4			0
021.41	Cobalt, ICP, Dry ash (ppm)	0407	1.171	0.0790	1.190	0.1039	0.0790	4			0
021.41	Cobalt, ICP, Dry ash (ppm)	0066	1.340	0.0170	1.190	0.1039	0.0790	4			0
021.42	Cobalt, ICP, Open vessel (ppm)	0366	1.150	0.1000				2			0
021.42	Cobalt, ICP, Open vessel (ppm)	0045	1.260	0.0200				2			0
021.43	Cobalt, ICP, Microwave (ppm)	0226	0.7800	0.0400	1.080	0.2191	0.0506	10	-1.37	14%	0
021.43	Cobalt, ICP, Microwave (ppm)	0629	0.8850	0.0100	1.080	0.2191	0.0506	10	-0.89	9%	0
021.43	Cobalt, ICP, Microwave (ppm)	0407	0.9141	0.2236	1.080	0.2191	0.0506	10	-0.76	8%	0
021.43	Cobalt, ICP, Microwave (ppm)	0297	1.000	0.0000	1.080	0.2191	0.0506	10	-0.36	4%	0
021.43	Cobalt, ICP, Microwave (ppm)	0038	1.013	0.0550	1.080	0.2191	0.0506	10	-0.31	3%	0
021.43	Cobalt, ICP, Microwave (ppm)	0968	1.144	0.0290	1.080	0.2191	0.0506	10	0.29	3%	0
021.43	Cobalt, ICP, Microwave (ppm)	0278	1.210	0.1000	1.080	0.2191	0.0506	10	0.59	6%	0
021.43	Cobalt, ICP, Microwave (ppm)	0510	1.220	0.0400	1.080	0.2191	0.0506	10	0.64	6%	0
021.43	Cobalt, ICP, Microwave (ppm)	2481	1.225	0.0100	1.080	0.2191	0.0506	10	0.66	7%	0
021.43	Cobalt, ICP, Microwave (ppm)	0169	1.430	0.0600	1.080	0.2191	0.0506	10	1.60	16%	0
021.43	Cobalt, ICP, Microwave (ppm)	2476	17.74	4.960	1.080	0.2191	0.0506	10	76.04	771%	2
021.43	Cobalt, ICP, Microwave (ppm)	0682	< 1		1.080	0.2191	0.0506	10			5
021.52	Cobalt, ICP-MS, Open vessel (ppm)	0047	0.9350	0.0100				3			0
021.52	Cobalt, ICP-MS, Open vessel (ppm)	0096	0.9412	0.0764				3			0
021.52	Cobalt, ICP-MS, Open vessel (ppm)	0186	0.9627	0.0049				3			0

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			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs			
021.53	Cobalt, ICP-MS, Microwave (ppm)	0199	0.9810	0.0420	1.172	0.0614	0.0773	7	-3.11	8%	0
021.53	Cobalt, ICP-MS, Microwave (ppm)	0043	1.150	0.1000	1.172	0.0614	0.0773	7	-0.36	1%	0
021.53	Cobalt, ICP-MS, Microwave (ppm)	0553	1.160	0.0200	1.172	0.0614	0.0773	7	-0.20	1%	0
021.53	Cobalt, ICP-MS, Microwave (ppm)	0610	1.165	0.0300	1.172	0.0614	0.0773	7	-0.11	0%	0
021.53	Cobalt, ICP-MS, Microwave (ppm)	0033	1.190	0.2400	1.172	0.0614	0.0773	7	0.29	1%	0
021.53	Cobalt, ICP-MS, Microwave (ppm)	0016	1.195	0.1300	1.172	0.0614	0.0773	7	0.37	1%	0
021.53	Cobalt, ICP-MS, Microwave (ppm)	0407	1.358	0.0376	1.172	0.0614	0.0773	7	3.04	8%	0
022.31	Copper, AAS, Dry ash (ppm)	0536	11.13	0.0500	19.74	2.882	0.3891	8	-2.99	22%	0
022.31	Copper, AAS, Dry ash (ppm)	0651	16.91	1.123	19.74	2.882	0.3891	8	-0.98	7%	0
022.31	Copper, AAS, Dry ash (ppm)	0563	19.79	0.4725	19.74	2.882	0.3891	8	0.02	0%	0
022.31	Copper, AAS, Dry ash (ppm)	0689	19.95	0.5000	19.74	2.882	0.3891	8	0.07	1%	0
022.31	Copper, AAS, Dry ash (ppm)	0939	20.03	0.0500	19.74	2.882	0.3891	8	0.10	1%	0
022.31	Copper, AAS, Dry ash (ppm)	0001	20.81	0.6100	19.74	2.882	0.3891	8	0.37	3%	0
022.31	Copper, AAS, Dry ash (ppm)	2196	21.53	0.0000	19.74	2.882	0.3891	8	0.62	5%	0
022.31	Copper, AAS, Dry ash (ppm)	2188	23.49	0.0120	19.74	2.882	0.3891	8	1.30	9%	0
022.31	Copper, AAS, Dry ash (ppm)	0948	21.65	2.480	19.74	2.882	0.3891	8	0.66	5%	1
022.32	Copper, AAS, Open vessel (ppm)	0038	23.30	1.200				1			0
022.41	Copper, ICP, Dry ash (ppm)	0049	17.25	6.550	21.27	2.405	2.184	15	-1.67	9%	0
022.41	Copper, ICP, Dry ash (ppm)	0407	19.44	0.6705	21.27	2.405	2.184	15	-0.76	4%	0
022.41	Copper, ICP, Dry ash (ppm)	0674	19.62	0.0000	21.27	2.405	2.184	15	-0.69	4%	0
022.41	Copper, ICP, Dry ash (ppm)	0358	19.82	3.730	21.27	2.405	2.184	15	-0.61	3%	0
022.41	Copper, ICP, Dry ash (ppm)	0229	19.86	0.7200	21.27	2.405	2.184	15	-0.59	3%	0
022.41	Copper, ICP, Dry ash (ppm)	0171	20.35	0.3000	21.27	2.405	2.184	15	-0.38	2%	0
022.41	Copper, ICP, Dry ash (ppm)	0208	20.41	2.260	21.27	2.405	2.184	15	-0.36	2%	0
022.41	Copper, ICP, Dry ash (ppm)	0848	20.57	1.000	21.27	2.405	2.184	15	-0.29	2%	0
022.41	Copper, ICP, Dry ash (ppm)	0148	20.64	3.565	21.27	2.405	2.184	15	-0.26	1%	0
022.41	Copper, ICP, Dry ash (ppm)	0004	21.31	1.460	21.27	2.405	2.184	15	0.02	0%	0
022.41	Copper, ICP, Dry ash (ppm)	0019	23.11	3.700	21.27	2.405	2.184	15	0.76	4%	0
022.41	Copper, ICP, Dry ash (ppm)	0598	23.24	0.4269	21.27	2.405	2.184	15	0.82	5%	0
022.41	Copper, ICP, Dry ash (ppm)	0098	23.28	2.090	21.27	2.405	2.184	15	0.83	5%	0
022.41	Copper, ICP, Dry ash (ppm)	0520	27.79	6.034	21.27	2.405	2.184	15	2.71	15%	0
022.41	Copper, ICP, Dry ash (ppm)	0226	29.71	0.0800	21.27	2.405	2.184	15	3.51	20%	0
022.42	Copper, ICP, Open vessel (ppm)	0278	18.60	0.2000	22.80	2.240	1.152	21	-1.87	9%	0
022.42	Copper, ICP, Open vessel (ppm)	0870	19.41	1.310	22.80	2.240	1.152	21	-1.52	7%	0
022.42	Copper, ICP, Open vessel (ppm)	0366	20.00	2.000	22.80	2.240	1.152	21	-1.25	6%	0
022.42	Copper, ICP, Open vessel (ppm)	0045	20.95	0.9000	22.80	2.240	1.152	21	-0.83	4%	0
022.42	Copper, ICP, Open vessel (ppm)	0190	21.57	0.0300	22.80	2.240	1.152	21	-0.55	3%	0
022.42	Copper, ICP, Open vessel (ppm)	0692	21.78	2.440	22.80	2.240	1.152	21	-0.45	2%	0
022.42	Copper, ICP, Open vessel (ppm)	0263	21.83	0.0560	22.80	2.240	1.152	21	-0.43	2%	0
022.42	Copper, ICP, Open vessel (ppm)	2433	22.19	1.887	22.80	2.240	1.152	21	-0.27	1%	0
022.42	Copper, ICP, Open vessel (ppm)	0160	22.25	0.5000	22.80	2.240	1.152	21	-0.25	1%	0
022.42	Copper, ICP, Open vessel (ppm)	0202	22.25	0.5000	22.80	2.240	1.152	21	-0.25	1%	0

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022.42	Copper, ICP, Open vessel (ppm)	0504	22.80	1.400	22.80	2.240	1.152	21	0.00	0%	0
022.42	Copper, ICP, Open vessel (ppm)	0294	22.88	1.300	22.80	2.240	1.152	21	0.04	0%	0
022.42	Copper, ICP, Open vessel (ppm)	0186	23.02	0.4200	22.80	2.240	1.152	21	0.10	0%	0
022.42	Copper, ICP, Open vessel (ppm)	2319	23.40	2.400	22.80	2.240	1.152	21	0.27	1%	0
022.42	Copper, ICP, Open vessel (ppm)	2129	23.64	1.000	22.80	2.240	1.152	21	0.38	2%	0
022.42	Copper, ICP, Open vessel (ppm)	0096	23.88	1.171	22.80	2.240	1.152	21	0.48	2%	0
022.42	Copper, ICP, Open vessel (ppm)	0009	24.95	3.300	22.80	2.240	1.152	21	0.96	5%	0
022.42	Copper, ICP, Open vessel (ppm)	0357	25.19	1.170	22.80	2.240	1.152	21	1.07	5%	0
022.42	Copper, ICP, Open vessel (ppm)	0726	25.26	0.0500	22.80	2.240	1.152	21	1.10	5%	0
022.42	Copper, ICP, Open vessel (ppm)	0413	25.93	0.0500	22.80	2.240	1.152	21	1.40	7%	0
022.42	Copper, ICP, Open vessel (ppm)	0042	29.00	4.000	22.80	2.240	1.152	21	2.77	14%	0
022.43	Copper, ICP, Microwave (ppm)	0407	17.83	2.638	21.31	1.766	1.072	29	-1.98	8%	0
022.43	Copper, ICP, Microwave (ppm)	0354	18.44	0.3400	21.31	1.766	1.072	29	-1.63	7%	0
022.43	Copper, ICP, Microwave (ppm)	0870	18.52	0.1100	21.31	1.766	1.072	29	-1.59	7%	0
022.43	Copper, ICP, Microwave (ppm)	0918	18.90	1.470	21.31	1.766	1.072	29	-1.37	6%	0
022.43	Copper, ICP, Microwave (ppm)	0511	19.50	1.000	21.31	1.766	1.072	29	-1.03	4%	0
022.43	Copper, ICP, Microwave (ppm)	0083	19.59	0.3500	21.31	1.766	1.072	29	-0.98	4%	0
022.43	Copper, ICP, Microwave (ppm)	0629	20.10	1.600	21.31	1.766	1.072	29	-0.69	3%	0
022.43	Copper, ICP, Microwave (ppm)	0033	20.50	0.4000	21.31	1.766	1.072	29	-0.46	2%	0
022.43	Copper, ICP, Microwave (ppm)	0505	20.64	0.2100	21.31	1.766	1.072	29	-0.38	2%	0
022.43	Copper, ICP, Microwave (ppm)	0169	20.65	0.1000	21.31	1.766	1.072	29	-0.38	2%	0
022.43	Copper, ICP, Microwave (ppm)	0010	21.00	1.600	21.31	1.766	1.072	29	-0.18	1%	0
022.43	Copper, ICP, Microwave (ppm)	0510	21.00	0.0000	21.31	1.766	1.072	29	-0.18	1%	0
022.43	Copper, ICP, Microwave (ppm)	0098	21.49	1.390	21.31	1.766	1.072	29	0.10	0%	0
022.43	Copper, ICP, Microwave (ppm)	0297	21.50	3.000	21.31	1.766	1.072	29	0.11	0%	0
022.43	Copper, ICP, Microwave (ppm)	0610	21.55	0.3000	21.31	1.766	1.072	29	0.13	1%	0
022.43	Copper, ICP, Microwave (ppm)	0968	21.56	0.9170	21.31	1.766	1.072	29	0.14	1%	0
022.43	Copper, ICP, Microwave (ppm)	0675	21.70	0.3700	21.31	1.766	1.072	29	0.22	1%	0
022.43	Copper, ICP, Microwave (ppm)	0035	21.83	0.4000	21.31	1.766	1.072	29	0.29	1%	0
022.43	Copper, ICP, Microwave (ppm)	2476	21.84	1.860	21.31	1.766	1.072	29	0.30	1%	0
022.43	Copper, ICP, Microwave (ppm)	0028	21.88	2.240	21.31	1.766	1.072	29	0.32	1%	0
022.43	Copper, ICP, Microwave (ppm)	0038	22.15	0.3000	21.31	1.766	1.072	29	0.47	2%	0
022.43	Copper, ICP, Microwave (ppm)	2322	22.24	0.0010	21.31	1.766	1.072	29	0.53	2%	0
022.43	Copper, ICP, Microwave (ppm)	0353	22.40	2.200	21.31	1.766	1.072	29	0.61	3%	0
022.43	Copper, ICP, Microwave (ppm)	0682	22.40	0.0000	21.31	1.766	1.072	29	0.61	3%	0
022.43	Copper, ICP, Microwave (ppm)	0027	22.56	0.3970	21.31	1.766	1.072	29	0.71	3%	0
022.43	Copper, ICP, Microwave (ppm)	0017	23.27	3.756	21.31	1.766	1.072	29	1.11	5%	0
022.43	Copper, ICP, Microwave (ppm)	0226	25.07	0.4400	21.31	1.766	1.072	29	2.13	9%	0
022.43	Copper, ICP, Microwave (ppm)	2481	25.27	0.2800	21.31	1.766	1.072	29	2.24	9%	0
022.43	Copper, ICP, Microwave (ppm)	0848	34.76	2.680	21.31	1.766	1.072	29	7.61	32%	0
022.43	Copper, ICP, Microwave (ppm)	0001	22.75	6.500	21.31	1.766	1.072	29	0.81	3%	1
022.44	Copper, ICP, Dry ash (ppm)	0227	22.00	2.000				2			0

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022.44	Copper, ICP, Dry ash (ppm)	0066	22.37	0.6300				2			0
022.52	Copper, ICP-MS, Open vessel (ppm)	0096	22.10	0.0010				3			0
022.52	Copper, ICP-MS, Open vessel (ppm)	0047	22.50	0.0100				3			0
022.52	Copper, ICP-MS, Open vessel (ppm)	0186	23.45	1.390				3			0
022.53	Copper, ICP-MS, Microwave (ppm)	0939	21.38	0.8400	24.34	2.857	1.827	5			0
022.53	Copper, ICP-MS, Microwave (ppm)	0553	21.60	1.000	24.34	2.857	1.827	5			0
022.53	Copper, ICP-MS, Microwave (ppm)	0199	25.15	1.750	24.34	2.857	1.827	5			0
022.53	Copper, ICP-MS, Microwave (ppm)	0407	25.44	4.443	24.34	2.857	1.827	5			0
022.53	Copper, ICP-MS, Microwave (ppm)	0016	28.15	1.100	24.34	2.857	1.827	5			0
022.99	Copper, Miscellaneous (ppm)	0242	20.50	1.000	21.82	1.334	1.074	4			0
022.99	Copper, Miscellaneous (ppm)	0100	21.00	2.000	21.82	1.334	1.074	4			0
022.99	Copper, Miscellaneous (ppm)	0123	22.35	0.9000	21.82	1.334	1.074	4			0
022.99	Copper, Miscellaneous (ppm)	2302	23.45	0.3950	21.82	1.334	1.074	4			0
024.53	Iodine, ICP-MS, Microwave (ppm)	0208	1.465	0.4500				1			0
025.31	Iron, AAS, Dry ash (ppm)	0689	165.8	3.600	227.0	11.66	6.409	9	-5.25	13%	0
025.31	Iron, AAS, Dry ash (ppm)	0563	216.8	4.711	227.0	11.66	6.409	9	-0.87	2%	0
025.31	Iron, AAS, Dry ash (ppm)	0596	223.9	52.34	227.0	11.66	6.409	9	-0.26	1%	0
025.31	Iron, AAS, Dry ash (ppm)	0651	225.1	6.364	227.0	11.66	6.409	9	-0.17	0%	0
025.31	Iron, AAS, Dry ash (ppm)	0939	227.6	12.30	227.0	11.66	6.409	9	0.05	0%	0
025.31	Iron, AAS, Dry ash (ppm)	0948	228.3	0.2900	227.0	11.66	6.409	9	0.12	0%	0
025.31	Iron, AAS, Dry ash (ppm)	2196	229.3	0.0000	227.0	11.66	6.409	9	0.20	1%	0
025.31	Iron, AAS, Dry ash (ppm)	2188	237.9	0.9350	227.0	11.66	6.409	9	0.94	2%	0
025.31	Iron, AAS, Dry ash (ppm)	0001	244.5	0.0000	227.0	11.66	6.409	9	1.50	4%	0
025.31	Iron, AAS, Dry ash (ppm)	0038	240.5	123.0	227.0	11.66	6.409	9	1.16	3%	1
025.41	Iron, ICP, Dry ash (ppm)	0066	182.2	6.410	225.9	10.57	11.44	17	-4.13	10%	0
025.41	Iron, ICP, Dry ash (ppm)	0407	205.3	24.57	225.9	10.57	11.44	17	-1.95	5%	0
025.41	Iron, ICP, Dry ash (ppm)	0208	217.8	6.000	225.9	10.57	11.44	17	-0.77	2%	0
025.41	Iron, ICP, Dry ash (ppm)	0358	220.1	13.99	225.9	10.57	11.44	17	-0.55	1%	0
025.41	Iron, ICP, Dry ash (ppm)	0227	220.5	7.000	225.9	10.57	11.44	17	-0.51	1%	0
025.41	Iron, ICP, Dry ash (ppm)	0098	221.7	20.20	225.9	10.57	11.44	17	-0.40	1%	0
025.41	Iron, ICP, Dry ash (ppm)	0004	223.8	12.37	225.9	10.57	11.44	17	-0.20	0%	0
025.41	Iron, ICP, Dry ash (ppm)	0171	224.0	10.00	225.9	10.57	11.44	17	-0.18	0%	0
025.41	Iron, ICP, Dry ash (ppm)	0226	224.4	0.3600	225.9	10.57	11.44	17	-0.15	0%	0
025.41	Iron, ICP, Dry ash (ppm)	0674	226.1	0.0000	225.9	10.57	11.44	17	0.02	0%	0
025.41	Iron, ICP, Dry ash (ppm)	2482	226.9	1.700	225.9	10.57	11.44	17	0.09	0%	0
025.41	Iron, ICP, Dry ash (ppm)	0148	228.2	0.4336	225.9	10.57	11.44	17	0.22	1%	0
025.41	Iron, ICP, Dry ash (ppm)	0229	232.1	17.80	225.9	10.57	11.44	17	0.58	1%	0
025.41	Iron, ICP, Dry ash (ppm)	0019	234.4	10.10	225.9	10.57	11.44	17	0.80	2%	0
025.41	Iron, ICP, Dry ash (ppm)	0598	239.1	21.45	225.9	10.57	11.44	17	1.24	3%	0
025.41	Iron, ICP, Dry ash (ppm)	0049	239.7	7.690	225.9	10.57	11.44	17	1.31	3%	0
025.41	Iron, ICP, Dry ash (ppm)	0520	245.4	22.97	225.9	10.57	11.44	17	1.84	4%	0
025.42	Iron, ICP, Open vessel (ppm)	0357	193.4	0.1300	219.2	17.47	6.878	20	-1.48	6%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs			
025.42	Iron, ICP, Open vessel (ppm)	0294	198.8	3.040	219.2	17.47	6.878	20	-1.17	5%	0
025.42	Iron, ICP, Open vessel (ppm)	2433	202.9	8.269	219.2	17.47	6.878	20	-0.93	4%	0
025.42	Iron, ICP, Open vessel (ppm)	0278	203.5	21.00	219.2	17.47	6.878	20	-0.90	4%	0
025.42	Iron, ICP, Open vessel (ppm)	0160	204.5	5.000	219.2	17.47	6.878	20	-0.84	3%	0
025.42	Iron, ICP, Open vessel (ppm)	0870	206.0	1.400	219.2	17.47	6.878	20	-0.76	3%	0
025.42	Iron, ICP, Open vessel (ppm)	0726	211.8	12.40	219.2	17.47	6.878	20	-0.43	2%	0
025.42	Iron, ICP, Open vessel (ppm)	0045	215.5	9.000	219.2	17.47	6.878	20	-0.21	1%	0
025.42	Iron, ICP, Open vessel (ppm)	0009	218.5	1.000	219.2	17.47	6.878	20	-0.04	0%	0
025.42	Iron, ICP, Open vessel (ppm)	0096	218.6	33.65	219.2	17.47	6.878	20	-0.04	0%	0
025.42	Iron, ICP, Open vessel (ppm)	2319	220.0	4.000	219.2	17.47	6.878	20	0.04	0%	0
025.42	Iron, ICP, Open vessel (ppm)	0042	220.5	13.00	219.2	17.47	6.878	20	0.07	0%	0
025.42	Iron, ICP, Open vessel (ppm)	0692	221.0	2.000	219.2	17.47	6.878	20	0.10	0%	0
025.42	Iron, ICP, Open vessel (ppm)	0263	222.4	1.483	219.2	17.47	6.878	20	0.18	1%	0
025.42	Iron, ICP, Open vessel (ppm)	0190	228.3	0.5000	219.2	17.47	6.878	20	0.52	2%	0
025.42	Iron, ICP, Open vessel (ppm)	0202	231.0	2.000	219.2	17.47	6.878	20	0.67	3%	0
025.42	Iron, ICP, Open vessel (ppm)	0413	231.6	8.160	219.2	17.47	6.878	20	0.71	3%	0
025.42	Iron, ICP, Open vessel (ppm)	0366	246.5	13.00	219.2	17.47	6.878	20	1.56	6%	0
025.42	Iron, ICP, Open vessel (ppm)	2129	249.3	0.4000	219.2	17.47	6.878	20	1.72	7%	0
025.42	Iron, ICP, Open vessel (ppm)	0504	278.5	31.00	219.2	17.47	6.878	20	3.39	14%	0
025.43	Iron, ICP, Microwave (ppm)	2322	156.9	0.0100	223.1	17.25	6.429	29	-3.84	15%	0
025.43	Iron, ICP, Microwave (ppm)	0083	197.7	3.210	223.1	17.25	6.429	29	-1.47	6%	0
025.43	Iron, ICP, Microwave (ppm)	0407	197.7	11.61	223.1	17.25	6.429	29	-1.47	6%	0
025.43	Iron, ICP, Microwave (ppm)	0511	203.5	11.00	223.1	17.25	6.429	29	-1.14	4%	0
025.43	Iron, ICP, Microwave (ppm)	0629	206.5	3.000	223.1	17.25	6.429	29	-0.96	4%	0
025.43	Iron, ICP, Microwave (ppm)	0968	211.4	2.480	223.1	17.25	6.429	29	-0.68	3%	0
025.43	Iron, ICP, Microwave (ppm)	0033	214.5	27.00	223.1	17.25	6.429	29	-0.50	2%	0
025.43	Iron, ICP, Microwave (ppm)	0169	214.5	1.000	223.1	17.25	6.429	29	-0.50	2%	0
025.43	Iron, ICP, Microwave (ppm)	0510	216.0	2.000	223.1	17.25	6.429	29	-0.41	2%	0
025.43	Iron, ICP, Microwave (ppm)	0675	216.3	8.310	223.1	17.25	6.429	29	-0.39	2%	0
025.43	Iron, ICP, Microwave (ppm)	0001	216.5	19.00	223.1	17.25	6.429	29	-0.38	1%	0
025.43	Iron, ICP, Microwave (ppm)	0010	218.4	11.20	223.1	17.25	6.429	29	-0.27	1%	0
025.43	Iron, ICP, Microwave (ppm)	0918	219.0	6.270	223.1	17.25	6.429	29	-0.23	1%	0
025.43	Iron, ICP, Microwave (ppm)	0610	221.0	6.000	223.1	17.25	6.429	29	-0.12	0%	0
025.43	Iron, ICP, Microwave (ppm)	0964	222.0	2.000	223.1	17.25	6.429	29	-0.06	0%	0
025.43	Iron, ICP, Microwave (ppm)	0682	222.4	0.0000	223.1	17.25	6.429	29	-0.04	0%	0
025.43	Iron, ICP, Microwave (ppm)	0870	222.7	1.300	223.1	17.25	6.429	29	-0.02	0%	0
025.43	Iron, ICP, Microwave (ppm)	0876	223.8	2.500	223.1	17.25	6.429	29	0.04	0%	0
025.43	Iron, ICP, Microwave (ppm)	0354	228.2	2.010	223.1	17.25	6.429	29	0.29	1%	0
025.43	Iron, ICP, Microwave (ppm)	0505	229.7	5.700	223.1	17.25	6.429	29	0.38	1%	0
025.43	Iron, ICP, Microwave (ppm)	0028	232.4	9.320	223.1	17.25	6.429	29	0.54	2%	0
025.43	Iron, ICP, Microwave (ppm)	0297	232.5	29.00	223.1	17.25	6.429	29	0.55	2%	0
025.43	Iron, ICP, Microwave (ppm)	0038	235.0	22.00	223.1	17.25	6.429	29	0.69	3%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs			
025.43	Iron, ICP, Microwave (ppm)	2476	239.1	7.300	223.1	17.25	6.429	29	0.93	4%	0
025.43	Iron, ICP, Microwave (ppm)	0035	240.5	5.800	223.1	17.25	6.429	29	1.01	4%	0
025.43	Iron, ICP, Microwave (ppm)	0226	244.1	10.41	223.1	17.25	6.429	29	1.22	5%	0
025.43	Iron, ICP, Microwave (ppm)	0353	249.9	7.170	223.1	17.25	6.429	29	1.55	6%	0
025.43	Iron, ICP, Microwave (ppm)	0098	260.5	0.7000	223.1	17.25	6.429	29	2.17	8%	0
025.43	Iron, ICP, Microwave (ppm)	2481	267.8	0.1300	223.1	17.25	6.429	29	2.59	10%	0
025.43	Iron, ICP, Microwave (ppm)	0017	199.6	95.61	223.1	17.25	6.429	29	-1.36	5%	1
025.52	Iron, ICP-MS, Open vessel (ppm)	0154	183.7	12.20				3			0
025.52	Iron, ICP-MS, Open vessel (ppm)	0047	201.7	18.34				3			0
025.52	Iron, ICP-MS, Open vessel (ppm)	0096	213.5	13.98				3			0
025.53	Iron, ICP-MS, Microwave (ppm)	0043	199.0	6.000	221.6	18.18	7.473	5			0
025.53	Iron, ICP-MS, Microwave (ppm)	0553	210.5	1.000	221.6	18.18	7.473	5			0
025.53	Iron, ICP-MS, Microwave (ppm)	0016	219.5	19.00	221.6	18.18	7.473	5			0
025.53	Iron, ICP-MS, Microwave (ppm)	0939	234.5	5.000	221.6	18.18	7.473	5			0
025.53	Iron, ICP-MS, Microwave (ppm)	0407	244.4	6.367	221.6	18.18	7.473	5			0
025.53	Iron, ICP-MS, Microwave (ppm)	0199	143.5	91.00	221.6	18.18	7.473	5			1
025.99	Iron, Miscellaneous (ppm)	2302	205.8	2.218	214.3	8.241	3.073	4			0
025.99	Iron, Miscellaneous (ppm)	0242	210.5	5.000	214.3	8.241	3.073	4			0
025.99	Iron, Miscellaneous (ppm)	0123	216.0	2.000	214.3	8.241	3.073	4			0
025.99	Iron, Miscellaneous (ppm)	0100	225.0	0.0000	214.3	8.241	3.073	4			0
027.31	Magnesium, AAS, Dry ash (%)	0948	0.3150	0.0100	0.3259	0.0111	0.0076	7	-0.98	2%	0
027.31	Magnesium, AAS, Dry ash (%)	2196	0.3160	0.0000	0.3259	0.0111	0.0076	7	-0.89	2%	0
027.31	Magnesium, AAS, Dry ash (%)	0001	0.3192	0.0035	0.3259	0.0111	0.0076	7	-0.61	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0596	0.3250	0.0100	0.3259	0.0111	0.0076	7	-0.08	0%	0
027.31	Magnesium, AAS, Dry ash (%)	0563	0.3306	0.0093	0.3259	0.0111	0.0076	7	0.42	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0038	0.3355	0.0050	0.3259	0.0111	0.0076	7	0.87	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0939	0.3400	0.0000	0.3259	0.0111	0.0076	7	1.27	2%	0
027.32	Magnesium, AAS, Open vessel (%)	0169	0.3200	0.0200				1			0
027.41	Magnesium, ICP, Dry ash (%)	0066	0.2920	0.0100	0.3221	0.0138	0.0139	16	-2.18	5%	0
027.41	Magnesium, ICP, Dry ash (%)	0004	0.2950	0.0100	0.3221	0.0138	0.0139	16	-1.96	4%	0
027.41	Magnesium, ICP, Dry ash (%)	0358	0.3100	0.0000	0.3221	0.0138	0.0139	16	-0.88	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0520	0.3160	0.0073	0.3221	0.0138	0.0139	16	-0.45	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0148	0.3175	0.0010	0.3221	0.0138	0.0139	16	-0.33	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0098	0.3200	0.0200	0.3221	0.0138	0.0139	16	-0.15	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0171	0.3200	0.0000	0.3221	0.0138	0.0139	16	-0.15	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0208	0.3200	0.0240	0.3221	0.0138	0.0139	16	-0.15	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0229	0.3200	0.0200	0.3221	0.0138	0.0139	16	-0.15	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0407	0.3211	0.0187	0.3221	0.0138	0.0139	16	-0.08	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0598	0.3257	0.0005	0.3221	0.0138	0.0139	16	0.26	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0019	0.3300	0.0400	0.3221	0.0138	0.0139	16	0.57	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0674	0.3300	0.0000	0.3221	0.0138	0.0139	16	0.57	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0226	0.3350	0.0100	0.3221	0.0138	0.0139	16	0.94	2%	0

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			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs			
027.41	Magnesium, ICP, Dry ash (%)	0413	0.3450	0.0100	0.3221	0.0138	0.0139	16	1.66	4%	0
027.41	Magnesium, ICP, Dry ash (%)	0049	0.3500	0.0200	0.3221	0.0138	0.0139	16	2.02	4%	0
027.42	Magnesium, ICP, Open vessel (%)	0009	0.3038	0.0181	0.3310	0.0173	0.0081	19	-1.58	4%	0
027.42	Magnesium, ICP, Open vessel (%)	0294	0.3150	0.0100	0.3310	0.0173	0.0081	19	-0.93	2%	0
027.42	Magnesium, ICP, Open vessel (%)	2433	0.3168	0.0161	0.3310	0.0173	0.0081	19	-0.82	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0357	0.3195	0.0041	0.3310	0.0173	0.0081	19	-0.67	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0504	0.3195	0.0010	0.3310	0.0173	0.0081	19	-0.67	2%	0
027.42	Magnesium, ICP, Open vessel (%)	2319	0.3220	0.0000	0.3310	0.0173	0.0081	19	-0.52	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0045	0.3240	0.0080	0.3310	0.0173	0.0081	19	-0.41	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0263	0.3240	0.0000	0.3310	0.0173	0.0081	19	-0.41	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0870	0.3244	0.0003	0.3310	0.0173	0.0081	19	-0.39	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0160	0.3250	0.0100	0.3310	0.0173	0.0081	19	-0.35	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0278	0.3300	0.0000	0.3310	0.0173	0.0081	19	-0.06	0%	0
027.42	Magnesium, ICP, Open vessel (%)	0366	0.3300	0.0000	0.3310	0.0173	0.0081	19	-0.06	0%	0
027.42	Magnesium, ICP, Open vessel (%)	0042	0.3335	0.0090	0.3310	0.0173	0.0081	19	0.14	0%	0
027.42	Magnesium, ICP, Open vessel (%)	0190	0.3400	0.0000	0.3310	0.0173	0.0081	19	0.52	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0726	0.3400	0.0000	0.3310	0.0173	0.0081	19	0.52	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0202	0.3520	0.0020	0.3310	0.0173	0.0081	19	1.21	3%	0
027.42	Magnesium, ICP, Open vessel (%)	0692	0.3550	0.0100	0.3310	0.0173	0.0081	19	1.38	4%	0
027.42	Magnesium, ICP, Open vessel (%)	0186	0.3652	0.0023	0.3310	0.0173	0.0081	19	1.97	5%	0
027.42	Magnesium, ICP, Open vessel (%)	2129	0.3665	0.0150	0.3310	0.0173	0.0081	19	2.05	5%	0
027.42	Magnesium, ICP, Open vessel (%)	0096	0.3249	0.0451	0.3310	0.0173	0.0081	19	-0.36	1%	1
027.43	Magnesium, ICP, Microwave (%)	0511	0.2500	0.0200	0.3220	0.0187	0.0097	30	-3.85	11%	0
027.43	Magnesium, ICP, Microwave (%)	0083	0.2800	0.0000	0.3220	0.0187	0.0097	30	-2.25	7%	0
027.43	Magnesium, ICP, Microwave (%)	0675	0.2950	0.0300	0.3220	0.0187	0.0097	30	-1.44	4%	0
027.43	Magnesium, ICP, Microwave (%)	2322	0.2956	0.0002	0.3220	0.0187	0.0097	30	-1.41	4%	0
027.43	Magnesium, ICP, Microwave (%)	0510	0.3000	0.0000	0.3220	0.0187	0.0097	30	-1.18	3%	0
027.43	Magnesium, ICP, Microwave (%)	0610	0.3100	0.0000	0.3220	0.0187	0.0097	30	-0.64	2%	0
027.43	Magnesium, ICP, Microwave (%)	0629	0.3100	0.0000	0.3220	0.0187	0.0097	30	-0.64	2%	0
027.43	Magnesium, ICP, Microwave (%)	0001	0.3140	0.0080	0.3220	0.0187	0.0097	30	-0.43	1%	0
027.43	Magnesium, ICP, Microwave (%)	0038	0.3140	0.0000	0.3220	0.0187	0.0097	30	-0.43	1%	0
027.43	Magnesium, ICP, Microwave (%)	0407	0.3141	0.0219	0.3220	0.0187	0.0097	30	-0.42	1%	0
027.43	Magnesium, ICP, Microwave (%)	0028	0.3150	0.0100	0.3220	0.0187	0.0097	30	-0.37	1%	0
027.43	Magnesium, ICP, Microwave (%)	0918	0.3160	0.0060	0.3220	0.0187	0.0097	30	-0.32	1%	0
027.43	Magnesium, ICP, Microwave (%)	0968	0.3160	0.0020	0.3220	0.0187	0.0097	30	-0.32	1%	0
027.43	Magnesium, ICP, Microwave (%)	0226	0.3200	0.0000	0.3220	0.0187	0.0097	30	-0.11	0%	0
027.43	Magnesium, ICP, Microwave (%)	0297	0.3200	0.0000	0.3220	0.0187	0.0097	30	-0.11	0%	0
027.43	Magnesium, ICP, Microwave (%)	2476	0.3205	0.0010	0.3220	0.0187	0.0097	30	-0.08	0%	0
027.43	Magnesium, ICP, Microwave (%)	0964	0.3264	0.0083	0.3220	0.0187	0.0097	30	0.23	1%	0
027.43	Magnesium, ICP, Microwave (%)	0876	0.3295	0.0050	0.3220	0.0187	0.0097	30	0.40	1%	0
027.43	Magnesium, ICP, Microwave (%)	0010	0.3300	0.0200	0.3220	0.0187	0.0097	30	0.43	1%	0
027.43	Magnesium, ICP, Microwave (%)	0098	0.3300	0.0200	0.3220	0.0187	0.0097	30	0.43	1%	0

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			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs			
027.43	Magnesium, ICP, Microwave (%)	0682	0.3300	0.0000	0.3220	0.0187	0.0097	30	0.43	1%	0
027.43	Magnesium, ICP, Microwave (%)	2481	0.3300	0.0200	0.3220	0.0187	0.0097	30	0.43	1%	0
027.43	Magnesium, ICP, Microwave (%)	0017	0.3337	0.0040	0.3220	0.0187	0.0097	30	0.63	2%	0
027.43	Magnesium, ICP, Microwave (%)	0870	0.3364	0.0010	0.3220	0.0187	0.0097	30	0.77	2%	0
027.43	Magnesium, ICP, Microwave (%)	0505	0.3365	0.0030	0.3220	0.0187	0.0097	30	0.78	2%	0
027.43	Magnesium, ICP, Microwave (%)	0035	0.3400	0.0000	0.3220	0.0187	0.0097	30	0.96	3%	0
027.43	Magnesium, ICP, Microwave (%)	0011	0.3450	0.0100	0.3220	0.0187	0.0097	30	1.23	4%	0
027.43	Magnesium, ICP, Microwave (%)	0354	0.3460	0.0020	0.3220	0.0187	0.0097	30	1.29	4%	0
027.43	Magnesium, ICP, Microwave (%)	0043	0.3480	0.0080	0.3220	0.0187	0.0097	30	1.39	4%	0
027.43	Magnesium, ICP, Microwave (%)	0353	0.3550	0.0100	0.3220	0.0187	0.0097	30	1.77	5%	0
027.43	Magnesium, ICP, Microwave (%)	0033	0.3075	0.0390	0.3220	0.0187	0.0097	30	-0.78	2%	1
027.44	Magnesium, ICP, Dry ash (%)	0227	0.3250	0.0020				1			0
027.52	Magnesium, ICP-MS, Open vessel (%)	0096	0.3181	0.0124				3			0
027.52	Magnesium, ICP-MS, Open vessel (%)	0047	0.3200	0.0200				3			0
027.52	Magnesium, ICP-MS, Open vessel (%)	0186	0.3205	0.0100				3			0
027.52	Magnesium, ICP-MS, Open vessel (%)	0154	0.2991	0.0151				3			2
027.53	Magnesium, ICP-MS, Microwave (%)	0016	0.2905	0.0010	0.3241	0.0228	0.0060	5			0
027.53	Magnesium, ICP-MS, Microwave (%)	0553	0.3160	0.0020	0.3241	0.0228	0.0060	5			0
027.53	Magnesium, ICP-MS, Microwave (%)	0199	0.3250	0.0100	0.3241	0.0228	0.0060	5			0
027.53	Magnesium, ICP-MS, Microwave (%)	0939	0.3400	0.0000	0.3241	0.0228	0.0060	5			0
027.53	Magnesium, ICP-MS, Microwave (%)	0407	0.3492	0.0108	0.3241	0.0228	0.0060	5			0
027.99	Magnesium, Miscellaneous (%)	2302	0.2255	0.0110	0.3001	0.0509	0.0203	4			0
027.99	Magnesium, Miscellaneous (%)	0123	0.3150	0.0300	0.3001	0.0509	0.0203	4			0
027.99	Magnesium, Miscellaneous (%)	0242	0.3200	0.0000	0.3001	0.0509	0.0203	4			0
027.99	Magnesium, Miscellaneous (%)	0100	0.3400	0.0200	0.3001	0.0509	0.0203	4			0
028.31	Manganese, AAS, Dry ash (ppm)	0689	108.9	2.400	122.1	9.745	2.806	9	-1.35	5%	0
028.31	Manganese, AAS, Dry ash (ppm)	2196	116.5	0.0000	122.1	9.745	2.806	9	-0.57	2%	0
028.31	Manganese, AAS, Dry ash (ppm)	0651	118.3	4.742	122.1	9.745	2.806	9	-0.39	2%	0
028.31	Manganese, AAS, Dry ash (ppm)	2188	118.5	0.7260	122.1	9.745	2.806	9	-0.37	1%	0
028.31	Manganese, AAS, Dry ash (ppm)	0939	119.0	5.000	122.1	9.745	2.806	9	-0.32	1%	0
028.31	Manganese, AAS, Dry ash (ppm)	0563	121.1	5.071	122.1	9.745	2.806	9	-0.10	0%	0
028.31	Manganese, AAS, Dry ash (ppm)	0001	127.1	3.600	122.1	9.745	2.806	9	0.51	2%	0
028.31	Manganese, AAS, Dry ash (ppm)	0948	132.6	0.7600	122.1	9.745	2.806	9	1.08	4%	0
028.31	Manganese, AAS, Dry ash (ppm)	0536	142.8	0.1500	122.1	9.745	2.806	9	2.13	8%	0
028.31	Manganese, AAS, Dry ash (ppm)	0596	111.5	19.11	122.1	9.745	2.806	9	-1.08	4%	1
028.32	Manganese, AAS, Open vessel (ppm)	0038	132.0	12.00				1			0
028.33	Manganese, AAS, Microwave (ppm)	2115	121.6	5.810				1			0
028.41	Manganese, ICP, Dry ash (ppm)	0226	109.6	0.6400	116.0	4.754	4.557	15	-1.35	3%	0
028.41	Manganese, ICP, Dry ash (ppm)	0004	111.3	2.610	116.0	4.754	4.557	15	-0.99	2%	0
028.41	Manganese, ICP, Dry ash (ppm)	0407	111.4	8.562	116.0	4.754	4.557	15	-0.96	2%	0
028.41	Manganese, ICP, Dry ash (ppm)	0358	111.5	6.780	116.0	4.754	4.557	15	-0.93	2%	0
028.41	Manganese, ICP, Dry ash (ppm)	0208	112.4	0.8000	116.0	4.754	4.557	15	-0.75	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs			
028.41	Manganese, ICP, Dry ash (ppm)	0674	112.8	0.0000	116.0	4.754	4.557	15	-0.67	1%	0
028.41	Manganese, ICP, Dry ash (ppm)	0019	116.2	15.10	116.0	4.754	4.557	15	0.04	0%	0
028.41	Manganese, ICP, Dry ash (ppm)	2259	116.9	2.527	116.0	4.754	4.557	15	0.20	0%	0
028.41	Manganese, ICP, Dry ash (ppm)	0520	117.3	2.747	116.0	4.754	4.557	15	0.28	1%	0
028.41	Manganese, ICP, Dry ash (ppm)	0171	118.0	4.000	116.0	4.754	4.557	15	0.43	1%	0
028.41	Manganese, ICP, Dry ash (ppm)	0148	118.2	1.263	116.0	4.754	4.557	15	0.47	1%	0
028.41	Manganese, ICP, Dry ash (ppm)	0049	119.3	8.280	116.0	4.754	4.557	15	0.71	1%	0
028.41	Manganese, ICP, Dry ash (ppm)	0098	120.5	9.200	116.0	4.754	4.557	15	0.96	2%	0
028.41	Manganese, ICP, Dry ash (ppm)	0229	121.2	3.300	116.0	4.754	4.557	15	1.09	2%	0
028.41	Manganese, ICP, Dry ash (ppm)	0598	122.9	2.858	116.0	4.754	4.557	15	1.47	3%	0
028.42	Manganese, ICP, Open vessel (ppm)	0870	106.5	7.100	121.6	8.249	3.713	20	-1.83	6%	0
028.42	Manganese, ICP, Open vessel (ppm)	0278	110.5	3.000	121.6	8.249	3.713	20	-1.34	5%	0
028.42	Manganese, ICP, Open vessel (ppm)	2433	112.2	2.154	121.6	8.249	3.713	20	-1.14	4%	0
028.42	Manganese, ICP, Open vessel (ppm)	0263	113.9	0.9400	121.6	8.249	3.713	20	-0.93	3%	0
028.42	Manganese, ICP, Open vessel (ppm)	0186	114.2	2.190	121.6	8.249	3.713	20	-0.90	3%	0
028.42	Manganese, ICP, Open vessel (ppm)	0045	114.5	11.00	121.6	8.249	3.713	20	-0.86	3%	0
028.42	Manganese, ICP, Open vessel (ppm)	0009	116.0	2.000	121.6	8.249	3.713	20	-0.67	2%	0
028.42	Manganese, ICP, Open vessel (ppm)	0504	119.0	10.00	121.6	8.249	3.713	20	-0.31	1%	0
028.42	Manganese, ICP, Open vessel (ppm)	0160	122.5	3.000	121.6	8.249	3.713	20	0.11	0%	0
028.42	Manganese, ICP, Open vessel (ppm)	0692	123.0	2.000	121.6	8.249	3.713	20	0.17	1%	0
028.42	Manganese, ICP, Open vessel (ppm)	0357	123.8	1.828	121.6	8.249	3.713	20	0.27	1%	0
028.42	Manganese, ICP, Open vessel (ppm)	2319	124.5	3.000	121.6	8.249	3.713	20	0.36	1%	0
028.42	Manganese, ICP, Open vessel (ppm)	0042	125.5	9.000	121.6	8.249	3.713	20	0.48	2%	0
028.42	Manganese, ICP, Open vessel (ppm)	0294	126.9	5.590	121.6	8.249	3.713	20	0.65	2%	0
028.42	Manganese, ICP, Open vessel (ppm)	0202	127.5	1.000	121.6	8.249	3.713	20	0.72	2%	0
028.42	Manganese, ICP, Open vessel (ppm)	0366	127.5	9.000	121.6	8.249	3.713	20	0.72	2%	0
028.42	Manganese, ICP, Open vessel (ppm)	0726	128.2	0.2000	121.6	8.249	3.713	20	0.80	3%	0
028.42	Manganese, ICP, Open vessel (ppm)	2129	128.2	2.600	121.6	8.249	3.713	20	0.80	3%	0
028.42	Manganese, ICP, Open vessel (ppm)	0413	131.8	1.060	121.6	8.249	3.713	20	1.24	4%	0
028.42	Manganese, ICP, Open vessel (ppm)	0190	132.4	0.3600	121.6	8.249	3.713	20	1.31	4%	0
028.42	Manganese, ICP, Open vessel (ppm)	0096	125.9	22.60	121.6	8.249	3.713	20	0.53	2%	1
028.43	Manganese, ICP, Microwave (ppm)	0870	104.8	3.700	118.8	8.009	4.514	32	-1.75	6%	0
028.43	Manganese, ICP, Microwave (ppm)	0407	107.1	7.014	118.8	8.009	4.514	32	-1.46	5%	0
028.43	Manganese, ICP, Microwave (ppm)	0511	107.5	7.000	118.8	8.009	4.514	32	-1.41	5%	0
028.43	Manganese, ICP, Microwave (ppm)	0629	108.0	0.0000	118.8	8.009	4.514	32	-1.35	5%	0
028.43	Manganese, ICP, Microwave (ppm)	0033	110.0	14.00	118.8	8.009	4.514	32	-1.10	4%	0
028.43	Manganese, ICP, Microwave (ppm)	0169	110.0	2.000	118.8	8.009	4.514	32	-1.10	4%	0
028.43	Manganese, ICP, Microwave (ppm)	2322	111.3	0.0003	118.8	8.009	4.514	32	-0.93	3%	0
028.43	Manganese, ICP, Microwave (ppm)	0035	112.4	1.600	118.8	8.009	4.514	32	-0.80	3%	0
028.43	Manganese, ICP, Microwave (ppm)	0610	114.5	1.000	118.8	8.009	4.514	32	-0.54	2%	0
028.43	Manganese, ICP, Microwave (ppm)	0083	115.1	4.380	118.8	8.009	4.514	32	-0.47	2%	0
028.43	Manganese, ICP, Microwave (ppm)	0354	116.4	2.640	118.8	8.009	4.514	32	-0.30	1%	0

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			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs			
028.43	Manganese, ICP, Microwave (ppm)	0876	117.8	2.500	118.8	8.009	4.514	32	-0.13	0%	0
028.43	Manganese, ICP, Microwave (ppm)	0297	118.0	4.000	118.8	8.009	4.514	32	-0.10	0%	0
028.43	Manganese, ICP, Microwave (ppm)	0918	118.3	14.16	118.8	8.009	4.514	32	-0.07	0%	0
028.43	Manganese, ICP, Microwave (ppm)	0964	118.5	5.000	118.8	8.009	4.514	32	-0.04	0%	0
028.43	Manganese, ICP, Microwave (ppm)	0968	120.0	3.435	118.8	8.009	4.514	32	0.15	1%	0
028.43	Manganese, ICP, Microwave (ppm)	0001	120.0	16.00	118.8	8.009	4.514	32	0.15	1%	0
028.43	Manganese, ICP, Microwave (ppm)	0017	120.4	0.5924	118.8	8.009	4.514	32	0.21	1%	0
028.43	Manganese, ICP, Microwave (ppm)	0510	120.5	1.000	118.8	8.009	4.514	32	0.21	1%	0
028.43	Manganese, ICP, Microwave (ppm)	0226	120.7	3.240	118.8	8.009	4.514	32	0.24	1%	0
028.43	Manganese, ICP, Microwave (ppm)	0675	120.8	4.950	118.8	8.009	4.514	32	0.26	1%	0
028.43	Manganese, ICP, Microwave (ppm)	0682	121.5	0.0000	118.8	8.009	4.514	32	0.33	1%	0
028.43	Manganese, ICP, Microwave (ppm)	2476	122.9	10.40	118.8	8.009	4.514	32	0.51	2%	0
028.43	Manganese, ICP, Microwave (ppm)	2115	123.3	1.060	118.8	8.009	4.514	32	0.56	2%	0
028.43	Manganese, ICP, Microwave (ppm)	0505	124.0	2.000	118.8	8.009	4.514	32	0.65	2%	0
028.43	Manganese, ICP, Microwave (ppm)	0038	124.5	9.000	118.8	8.009	4.514	32	0.71	2%	0
028.43	Manganese, ICP, Microwave (ppm)	0010	124.9	1.500	118.8	8.009	4.514	32	0.76	3%	0
028.43	Manganese, ICP, Microwave (ppm)	0027	125.1	1.386	118.8	8.009	4.514	32	0.79	3%	0
028.43	Manganese, ICP, Microwave (ppm)	0353	129.4	7.600	118.8	8.009	4.514	32	1.32	4%	0
028.43	Manganese, ICP, Microwave (ppm)	0028	130.3	18.22	118.8	8.009	4.514	32	1.43	5%	0
028.43	Manganese, ICP, Microwave (ppm)	0098	133.4	5.400	118.8	8.009	4.514	32	1.82	6%	0
028.43	Manganese, ICP, Microwave (ppm)	2481	135.4	1.220	118.8	8.009	4.514	32	2.07	7%	0
028.44	Manganese, ICP, Dry ash (ppm)	0066	93.27	3.050				2			0
028.44	Manganese, ICP, Dry ash (ppm)	0227	121.0	2.000				2			0
028.52	Manganese, ICP-MS, Open vessel (ppm)	0096	112.8	4.945				3			0
028.52	Manganese, ICP-MS, Open vessel (ppm)	0047	119.4	2.930				3			0
028.52	Manganese, ICP-MS, Open vessel (ppm)	0186	122.6	1.040				3			0
028.53	Manganese, ICP-MS, Microwave (ppm)	0043	108.5	3.000	114.9	7.518	4.459	6	-0.85	3%	0
028.53	Manganese, ICP-MS, Microwave (ppm)	0016	110.0	4.000	114.9	7.518	4.459	6	-0.65	2%	0
028.53	Manganese, ICP-MS, Microwave (ppm)	0553	110.0	6.000	114.9	7.518	4.459	6	-0.65	2%	0
028.53	Manganese, ICP-MS, Microwave (ppm)	0199	116.3	3.500	114.9	7.518	4.459	6	0.19	1%	0
028.53	Manganese, ICP-MS, Microwave (ppm)	0939	119.0	8.000	114.9	7.518	4.459	6	0.55	2%	0
028.53	Manganese, ICP-MS, Microwave (ppm)	0407	125.5	2.254	114.9	7.518	4.459	6	1.41	5%	0
028.99	Manganese, Miscellaneous (ppm)	0242	117.0	0.0000	127.5	12.48	5.064	4			0
028.99	Manganese, Miscellaneous (ppm)	0123	121.5	9.000	127.5	12.48	5.064	4			0
028.99	Manganese, Miscellaneous (ppm)	0100	126.0	6.000	127.5	12.48	5.064	4			0
028.99	Manganese, Miscellaneous (ppm)	2302	145.3	0.1930	127.5	12.48	5.064	4			0
030.01	Nitrate, Ion-selective electrode (%)	0357	0.0000	0.0000				0			4
031.01	Phosphorus, Photometric (%)	0108	0.5500	0.0000	0.6278	0.0329	0.0142	23	-2.36	6%	0
031.01	Phosphorus, Photometric (%)	2302	0.5800	0.0000	0.6278	0.0329	0.0142	23	-1.45	4%	0
031.01	Phosphorus, Photometric (%)	2199	0.5900	0.0200	0.6278	0.0329	0.0142	23	-1.15	3%	0
031.01	Phosphorus, Photometric (%)	2022	0.5950	0.0100	0.6278	0.0329	0.0142	23	-1.00	3%	0
031.01	Phosphorus, Photometric (%)	0689	0.6050	0.0100	0.6278	0.0329	0.0142	23	-0.69	2%	0

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			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs			
031.01	Phosphorus, Photometric (%)	2188	0.6050	0.0100	0.6278	0.0329	0.0142	23	-0.69	2%	0
031.01	Phosphorus, Photometric (%)	0018	0.6095	0.0090	0.6278	0.0329	0.0142	23	-0.56	1%	0
031.01	Phosphorus, Photometric (%)	2325	0.6100	0.0000	0.6278	0.0329	0.0142	23	-0.54	1%	0
031.01	Phosphorus, Photometric (%)	0596	0.6150	0.0300	0.6278	0.0329	0.0142	23	-0.39	1%	0
031.01	Phosphorus, Photometric (%)	2006	0.6165	0.0250	0.6278	0.0329	0.0142	23	-0.34	1%	0
031.01	Phosphorus, Photometric (%)	0687	0.6300	0.0200	0.6278	0.0329	0.0142	23	0.07	0%	0
031.01	Phosphorus, Photometric (%)	0948	0.6300	0.0000	0.6278	0.0329	0.0142	23	0.07	0%	0
031.01	Phosphorus, Photometric (%)	2193	0.6300	0.0000	0.6278	0.0329	0.0142	23	0.07	0%	0
031.01	Phosphorus, Photometric (%)	2192	0.6400	0.0200	0.6278	0.0329	0.0142	23	0.37	1%	0
031.01	Phosphorus, Photometric (%)	2196	0.6400	0.0000	0.6278	0.0329	0.0142	23	0.37	1%	0
031.01	Phosphorus, Photometric (%)	2434	0.6400	0.0000	0.6278	0.0329	0.0142	23	0.37	1%	0
031.01	Phosphorus, Photometric (%)	0563	0.6407	0.0156	0.6278	0.0329	0.0142	23	0.39	1%	0
031.01	Phosphorus, Photometric (%)	0590	0.6450	0.0100	0.6278	0.0329	0.0142	23	0.52	1%	0
031.01	Phosphorus, Photometric (%)	2181	0.6550	0.0100	0.6278	0.0329	0.0142	23	0.83	2%	0
031.01	Phosphorus, Photometric (%)	2190	0.6596	0.0027	0.6278	0.0329	0.0142	23	0.97	3%	0
031.01	Phosphorus, Photometric (%)	2115	0.6700	0.0000	0.6278	0.0329	0.0142	23	1.28	3%	0
031.01	Phosphorus, Photometric (%)	0939	0.6800	0.0000	0.6278	0.0329	0.0142	23	1.59	4%	0
031.01	Phosphorus, Photometric (%)	2489	0.6850	0.0100	0.6278	0.0329	0.0142	23	1.74	5%	0
031.02	Phosphorus, GQMP (AOAC 935.13-Extraction)	0043	0.6440	0.0005				1			0
031.03	Phosphorus, Autoanalyzer (%)	0169	0.6050	0.0100				2			0
031.03	Phosphorus, Autoanalyzer (%)	0001	0.6330	0.0120				2			0
031.06	Phosphorus, Hach Method (%)	0536	0.7650	0.0100				1			0
031.41	Phosphorus, ICP, Dry ash (%)	0004	0.6000	0.0000	0.6402	0.0261	0.0284	19	-1.54	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0019	0.6100	0.0600	0.6402	0.0261	0.0284	19	-1.16	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0208	0.6145	0.0370	0.6402	0.0261	0.0284	19	-0.99	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0171	0.6200	0.0000	0.6402	0.0261	0.0284	19	-0.78	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0229	0.6200	0.0000	0.6402	0.0261	0.0284	19	-0.78	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0598	0.6242	0.0011	0.6402	0.0261	0.0284	19	-0.62	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0674	0.6300	0.0000	0.6402	0.0261	0.0284	19	-0.39	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0407	0.6301	0.0369	0.6402	0.0261	0.0284	19	-0.39	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0520	0.6343	0.0144	0.6402	0.0261	0.0284	19	-0.23	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0144	0.6350	0.0100	0.6402	0.0261	0.0284	19	-0.20	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0358	0.6450	0.0300	0.6402	0.0261	0.0284	19	0.18	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	2482	0.6490	0.0060	0.6402	0.0261	0.0284	19	0.34	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0049	0.6500	0.0400	0.6402	0.0261	0.0284	19	0.38	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	2259	0.6500	0.0080	0.6402	0.0261	0.0284	19	0.38	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0098	0.6573	0.0655	0.6402	0.0261	0.0284	19	0.65	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0226	0.6700	0.0200	0.6402	0.0261	0.0284	19	1.14	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0413	0.6700	0.0000	0.6402	0.0261	0.0284	19	1.14	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0148	0.6745	0.0510	0.6402	0.0261	0.0284	19	1.32	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0848	0.6900	0.0200	0.6402	0.0261	0.0284	19	1.91	4%	0
031.42	Phosphorus, ICP, Open vessel (%)	0294	0.5850	0.0100	0.6433	0.0379	0.0159	22	-1.54	5%	0

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			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs			
031.42	Phosphorus, ICP, Open vessel (%)	2433	0.5904	0.0242	0.6433	0.0379	0.0159	22	-1.40	4%	0
031.42	Phosphorus, ICP, Open vessel (%)	0278	0.5950	0.0300	0.6433	0.0379	0.0159	22	-1.27	4%	0
031.42	Phosphorus, ICP, Open vessel (%)	0009	0.6118	0.0011	0.6433	0.0379	0.0159	22	-0.83	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0504	0.6140	0.0420	0.6433	0.0379	0.0159	22	-0.77	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0870	0.6210	0.0061	0.6433	0.0379	0.0159	22	-0.59	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0096	0.6263	0.0175	0.6433	0.0379	0.0159	22	-0.45	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0186	0.6286	0.0055	0.6433	0.0379	0.0159	22	-0.39	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0047	0.6300	0.0400	0.6433	0.0379	0.0159	22	-0.35	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0045	0.6335	0.0170	0.6433	0.0379	0.0159	22	-0.26	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	2129	0.6435	0.0030	0.6433	0.0379	0.0159	22	0.01	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0160	0.6450	0.0100	0.6433	0.0379	0.0159	22	0.05	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0190	0.6500	0.0200	0.6433	0.0379	0.0159	22	0.18	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0366	0.6500	0.0000	0.6433	0.0379	0.0159	22	0.18	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0726	0.6500	0.0000	0.6433	0.0379	0.0159	22	0.18	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0263	0.6570	0.0000	0.6433	0.0379	0.0159	22	0.36	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0357	0.6775	0.0007	0.6433	0.0379	0.0159	22	0.90	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	0014	0.6805	0.0070	0.6433	0.0379	0.0159	22	0.98	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	0042	0.6810	0.0400	0.6433	0.0379	0.0159	22	1.00	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	0692	0.6900	0.0200	0.6433	0.0379	0.0159	22	1.23	4%	0
031.42	Phosphorus, ICP, Open vessel (%)	2319	0.6905	0.0010	0.6433	0.0379	0.0159	22	1.25	4%	0
031.42	Phosphorus, ICP, Open vessel (%)	0202	0.7075	0.0170	0.6433	0.0379	0.0159	22	1.70	5%	0
031.43	Phosphorus, ICP, Microwave (%)	0675	0.5750	0.0100	0.6383	0.0243	0.0131	36	-2.61	5%	0
031.43	Phosphorus, ICP, Microwave (%)	2322	0.5911	0.0001	0.6383	0.0243	0.0131	36	-1.95	4%	0
031.43	Phosphorus, ICP, Microwave (%)	0083	0.6000	0.0200	0.6383	0.0243	0.0131	36	-1.58	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0511	0.6050	0.0100	0.6383	0.0243	0.0131	36	-1.37	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0610	0.6050	0.0100	0.6383	0.0243	0.0131	36	-1.37	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0860	0.6054	0.0000	0.6383	0.0243	0.0131	36	-1.36	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0038	0.6215	0.0130	0.6383	0.0243	0.0131	36	-0.69	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0407	0.6220	0.0408	0.6383	0.0243	0.0131	36	-0.67	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0968	0.6220	0.0000	0.6383	0.0243	0.0131	36	-0.67	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0036	0.6239	0.0661	0.6383	0.0243	0.0131	36	-0.59	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0010	0.6300	0.0200	0.6383	0.0243	0.0131	36	-0.34	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0297	0.6300	0.0200	0.6383	0.0243	0.0131	36	-0.34	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0510	0.6300	0.0000	0.6383	0.0243	0.0131	36	-0.34	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0870	0.6336	0.0146	0.6383	0.0243	0.0131	36	-0.19	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0001	0.6345	0.0070	0.6383	0.0243	0.0131	36	-0.16	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0964	0.6351	0.0146	0.6383	0.0243	0.0131	36	-0.13	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0027	0.6395	0.0230	0.6383	0.0243	0.0131	36	0.05	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0682	0.6400	0.0000	0.6383	0.0243	0.0131	36	0.07	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0918	0.6400	0.0120	0.6383	0.0243	0.0131	36	0.07	0%	0
031.43	Phosphorus, ICP, Microwave (%)	2476	0.6420	0.0160	0.6383	0.0243	0.0131	36	0.15	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0017	0.6433	0.0035	0.6383	0.0243	0.0131	36	0.20	0%	0

Method	Analyte	Lab	Lab Data		Robust* Method Values				AAFCO PT	Threshold	
Code	Name and Method (Units)	Code	Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	Flag
031.43	Phosphorus, ICP, Microwave (%)	0011	0.6450	0.0100	0.6383	0.0243	0.0131	36	0.28	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0226	0.6450	0.0100	0.6383	0.0243	0.0131	36	0.28	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0028	0.6500	0.0000	0.6383	0.0243	0.0131	36	0.48	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0035	0.6500	0.0000	0.6383	0.0243	0.0131	36	0.48	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0629	0.6500	0.0000	0.6383	0.0243	0.0131	36	0.48	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0848	0.6500	0.0000	0.6383	0.0243	0.0131	36	0.48	1%	0
031.43	Phosphorus, ICP, Microwave (%)	2115	0.6500	0.0000	0.6383	0.0243	0.0131	36	0.48	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0043	0.6530	0.0040	0.6383	0.0243	0.0131	36	0.61	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0876	0.6580	0.0200	0.6383	0.0243	0.0131	36	0.81	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0353	0.6650	0.0100	0.6383	0.0243	0.0131	36	1.10	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0300	0.6655	0.0330	0.6383	0.0243	0.0131	36	1.12	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0098	0.6685	0.0093	0.6383	0.0243	0.0131	36	1.24	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0505	0.6705	0.0030	0.6383	0.0243	0.0131	36	1.33	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0354	0.6750	0.0080	0.6383	0.0243	0.0131	36	1.51	3%	0
031.43	Phosphorus, ICP, Microwave (%)	2481	0.6850	0.0100	0.6383	0.0243	0.0131	36	1.93	4%	0
031.43	Phosphorus, ICP, Microwave (%)	0033	0.6355	0.0830	0.6383	0.0243	0.0131	36	-0.11	0%	1
031.44	Phosphorus, ICP, Dry ash (%)	0066	0.5745	0.0270				2			0
031.44	Phosphorus, ICP, Dry ash (%)	0227	0.6405	0.0130				2			0
031.52	Phosphorus, ICP-MS, Open vessel (%)	0154	0.6176	0.0010				2			0
031.52	Phosphorus, ICP-MS, Open vessel (%)	0186	0.6368	0.0175				2			0
031.53	Phosphorus, ICP-MS, Microwave (%)	0199	0.6530	0.0100	0.6745	0.0246	0.0109	4			0
031.53	Phosphorus, ICP-MS, Microwave (%)	0553	0.6540	0.0080	0.6745	0.0246	0.0109	4			0
031.53	Phosphorus, ICP-MS, Microwave (%)	0939	0.6900	0.0000	0.6745	0.0246	0.0109	4			0
031.53	Phosphorus, ICP-MS, Microwave (%)	0407	0.7009	0.0148	0.6745	0.0246	0.0109	4			0
031.99	Phosphorus, Miscellaneous (%)	0676	0.0600	0.0000	0.5877	0.0803	0.0155	6	-6.57	45%	0
031.99	Phosphorus, Miscellaneous (%)	2302	0.5490	0.0220	0.5877	0.0803	0.0155	6	-0.48	3%	0
031.99	Phosphorus, Miscellaneous (%)	0242	0.5850	0.0100	0.5877	0.0803	0.0155	6	-0.03	0%	0
031.99	Phosphorus, Miscellaneous (%)	2022	0.6300	0.0000	0.5877	0.0803	0.0155	6	0.53	4%	0
031.99	Phosphorus, Miscellaneous (%)	0100	0.6400	0.0200	0.5877	0.0803	0.0155	6	0.65	4%	0
031.99	Phosphorus, Miscellaneous (%)	0123	0.6550	0.0100	0.5877	0.0803	0.0155	6	0.84	6%	0
032.31	Potassium, AAS, Dry ash (%)	0563	0.9659	0.0122	1.101	0.1115	0.0181	6	-1.21	6%	0
032.31	Potassium, AAS, Dry ash (%)	0536	1.050	0.0200	1.101	0.1115	0.0181	6	-0.46	2%	0
032.31	Potassium, AAS, Dry ash (%)	0948	1.070	0.0200	1.101	0.1115	0.0181	6	-0.28	1%	0
032.31	Potassium, AAS, Dry ash (%)	2196	1.090	0.0000	1.101	0.1115	0.0181	6	-0.10	0%	0
032.31	Potassium, AAS, Dry ash (%)	0939	1.200	0.0000	1.101	0.1115	0.0181	6	0.89	4%	0
032.31	Potassium, AAS, Dry ash (%)	0038	1.230	0.0200	1.101	0.1115	0.0181	6	1.16	6%	0
032.32	Potassium, AAS, Open vessel (%)	0169	1.145	0.0100				1			0
032.33	Potassium, AAS, Microwave (%)	2115	1.170	0.0000				1			0
032.41	Potassium, ICP, Dry ash (%)	0004	0.9700	0.1000	1.138	0.0407	0.0460	17	-4.12	7%	0
032.41	Potassium, ICP, Dry ash (%)	0019	1.050	0.1000	1.138	0.0407	0.0460	17	-2.15	4%	0
032.41	Potassium, ICP, Dry ash (%)	0208	1.094	0.0500	1.138	0.0407	0.0460	17	-1.07	2%	0
032.41	Potassium, ICP, Dry ash (%)	0066	1.117	0.0380	1.138	0.0407	0.0460	17	-0.51	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs			
032.41	Potassium, ICP, Dry ash (%)	0049	1.120	0.0600	1.138	0.0407	0.0460	17	-0.43	1%	0
032.41	Potassium, ICP, Dry ash (%)	0226	1.120	0.0000	1.138	0.0407	0.0460	17	-0.43	1%	0
032.41	Potassium, ICP, Dry ash (%)	0358	1.125	0.0100	1.138	0.0407	0.0460	17	-0.31	1%	0
032.41	Potassium, ICP, Dry ash (%)	0148	1.135	0.0300	1.138	0.0407	0.0460	17	-0.07	0%	0
032.41	Potassium, ICP, Dry ash (%)	0229	1.135	0.0500	1.138	0.0407	0.0460	17	-0.07	0%	0
032.41	Potassium, ICP, Dry ash (%)	0407	1.139	0.0564	1.138	0.0407	0.0460	17	0.03	0%	0
032.41	Potassium, ICP, Dry ash (%)	0598	1.141	0.0162	1.138	0.0407	0.0460	17	0.08	0%	0
032.41	Potassium, ICP, Dry ash (%)	0171	1.165	0.0100	1.138	0.0407	0.0460	17	0.67	1%	0
032.41	Potassium, ICP, Dry ash (%)	0520	1.168	0.0072	1.138	0.0407	0.0460	17	0.75	1%	0
032.41	Potassium, ICP, Dry ash (%)	0413	1.170	0.0200	1.138	0.0407	0.0460	17	0.79	1%	0
032.41	Potassium, ICP, Dry ash (%)	0144	1.180	0.0400	1.138	0.0407	0.0460	17	1.04	2%	0
032.41	Potassium, ICP, Dry ash (%)	0674	1.180	0.0000	1.138	0.0407	0.0460	17	1.04	2%	0
032.41	Potassium, ICP, Dry ash (%)	0098	1.225	0.1100	1.138	0.0407	0.0460	17	2.14	4%	0
032.42	Potassium, ICP, Open vessel (%)	0263	1.094	0.0120	1.179	0.0723	0.0258	19	-1.18	4%	0
032.42	Potassium, ICP, Open vessel (%)	0278	1.100	0.0200	1.179	0.0723	0.0258	19	-1.10	3%	0
032.42	Potassium, ICP, Open vessel (%)	0096	1.113	0.0476	1.179	0.0723	0.0258	19	-0.92	3%	0
032.42	Potassium, ICP, Open vessel (%)	0504	1.120	0.0400	1.179	0.0723	0.0258	19	-0.82	3%	0
032.42	Potassium, ICP, Open vessel (%)	2129	1.132	0.0790	1.179	0.0723	0.0258	19	-0.66	2%	0
032.42	Potassium, ICP, Open vessel (%)	0294	1.135	0.0100	1.179	0.0723	0.0258	19	-0.62	2%	0
032.42	Potassium, ICP, Open vessel (%)	0870	1.137	0.0000	1.179	0.0723	0.0258	19	-0.59	2%	0
032.42	Potassium, ICP, Open vessel (%)	2433	1.139	0.0541	1.179	0.0723	0.0258	19	-0.57	2%	0
032.42	Potassium, ICP, Open vessel (%)	0160	1.160	0.0600	1.179	0.0723	0.0258	19	-0.27	1%	0
032.42	Potassium, ICP, Open vessel (%)	0045	1.170	0.0200	1.179	0.0723	0.0258	19	-0.13	0%	0
032.42	Potassium, ICP, Open vessel (%)	0042	1.175	0.0100	1.179	0.0723	0.0258	19	-0.06	0%	0
032.42	Potassium, ICP, Open vessel (%)	0357	1.176	0.0038	1.179	0.0723	0.0258	19	-0.04	0%	0
032.42	Potassium, ICP, Open vessel (%)	0366	1.195	0.0300	1.179	0.0723	0.0258	19	0.21	1%	0
032.42	Potassium, ICP, Open vessel (%)	0009	1.220	0.0069	1.179	0.0723	0.0258	19	0.57	2%	0
032.42	Potassium, ICP, Open vessel (%)	0190	1.240	0.0000	1.179	0.0723	0.0258	19	0.84	3%	0
032.42	Potassium, ICP, Open vessel (%)	0202	1.265	0.0100	1.179	0.0723	0.0258	19	1.18	4%	0
032.42	Potassium, ICP, Open vessel (%)	0726	1.270	0.0000	1.179	0.0723	0.0258	19	1.25	4%	0
032.42	Potassium, ICP, Open vessel (%)	0186	1.282	0.0099	1.179	0.0723	0.0258	19	1.41	4%	0
032.42	Potassium, ICP, Open vessel (%)	0047	1.310	0.0200	1.179	0.0723	0.0258	19	1.81	6%	0
032.42	Potassium, ICP, Open vessel (%)	0692	1.410	0.1600	1.179	0.0723	0.0258	19	3.19	10%	1
032.43	Potassium, ICP, Microwave (%)	0083	1.040	0.0200	1.150	0.0499	0.0227	31	-2.20	5%	0
032.43	Potassium, ICP, Microwave (%)	0968	1.042	0.0010	1.150	0.0499	0.0227	31	-2.17	5%	0
032.43	Potassium, ICP, Microwave (%)	0629	1.065	0.0100	1.150	0.0499	0.0227	31	-1.70	4%	0
032.43	Potassium, ICP, Microwave (%)	0511	1.070	0.0800	1.150	0.0499	0.0227	31	-1.60	3%	0
032.43	Potassium, ICP, Microwave (%)	0918	1.104	0.0110	1.150	0.0499	0.0227	31	-0.93	2%	0
032.43	Potassium, ICP, Microwave (%)	2322	1.113	0.0003	1.150	0.0499	0.0227	31	-0.74	2%	0
032.43	Potassium, ICP, Microwave (%)	0610	1.115	0.0300	1.150	0.0499	0.0227	31	-0.70	2%	0
032.43	Potassium, ICP, Microwave (%)	0510	1.120	0.0000	1.150	0.0499	0.0227	31	-0.60	1%	0
032.43	Potassium, ICP, Microwave (%)	0675	1.125	0.0100	1.150	0.0499	0.0227	31	-0.50	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs			
032.43	Potassium, ICP, Microwave (%)	0407	1.126	0.0777	1.150	0.0499	0.0227	31	-0.48	1%	0
032.43	Potassium, ICP, Microwave (%)	0038	1.130	0.0000	1.150	0.0499	0.0227	31	-0.40	1%	0
032.43	Potassium, ICP, Microwave (%)	0001	1.135	0.0300	1.150	0.0499	0.0227	31	-0.30	1%	0
032.43	Potassium, ICP, Microwave (%)	0098	1.135	0.0500	1.150	0.0499	0.0227	31	-0.30	1%	0
032.43	Potassium, ICP, Microwave (%)	0226	1.145	0.0100	1.150	0.0499	0.0227	31	-0.10	0%	0
032.43	Potassium, ICP, Microwave (%)	0043	1.147	0.0080	1.150	0.0499	0.0227	31	-0.06	0%	0
032.43	Potassium, ICP, Microwave (%)	0017	1.153	0.0409	1.150	0.0499	0.0227	31	0.06	0%	0
032.43	Potassium, ICP, Microwave (%)	2476	1.158	0.0010	1.150	0.0499	0.0227	31	0.15	0%	0
032.43	Potassium, ICP, Microwave (%)	0682	1.160	0.0000	1.150	0.0499	0.0227	31	0.20	0%	0
032.43	Potassium, ICP, Microwave (%)	0011	1.165	0.0100	1.150	0.0499	0.0227	31	0.30	1%	0
032.43	Potassium, ICP, Microwave (%)	0354	1.169	0.0110	1.150	0.0499	0.0227	31	0.37	1%	0
032.43	Potassium, ICP, Microwave (%)	0870	1.169	0.0220	1.150	0.0499	0.0227	31	0.38	1%	0
032.43	Potassium, ICP, Microwave (%)	0297	1.170	0.0000	1.150	0.0499	0.0227	31	0.40	1%	0
032.43	Potassium, ICP, Microwave (%)	2115	1.170	0.0000	1.150	0.0499	0.0227	31	0.40	1%	0
032.43	Potassium, ICP, Microwave (%)	0028	1.180	0.0400	1.150	0.0499	0.0227	31	0.61	1%	0
032.43	Potassium, ICP, Microwave (%)	0010	1.190	0.0400	1.150	0.0499	0.0227	31	0.81	2%	0
032.43	Potassium, ICP, Microwave (%)	0876	1.195	0.0330	1.150	0.0499	0.0227	31	0.90	2%	0
032.43	Potassium, ICP, Microwave (%)	0035	1.200	0.0200	1.150	0.0499	0.0227	31	1.01	2%	0
032.43	Potassium, ICP, Microwave (%)	0036	1.202	0.0039	1.150	0.0499	0.0227	31	1.06	2%	0
032.43	Potassium, ICP, Microwave (%)	0505	1.221	0.0500	1.150	0.0499	0.0227	31	1.43	3%	0
032.43	Potassium, ICP, Microwave (%)	2481	1.260	0.0000	1.150	0.0499	0.0227	31	2.21	5%	0
032.43	Potassium, ICP, Microwave (%)	0353	1.275	0.0100	1.150	0.0499	0.0227	31	2.51	5%	0
032.43	Potassium, ICP, Microwave (%)	0033	1.155	0.1500	1.150	0.0499	0.0227	31	0.10	0%	1
032.44	Potassium, ICP, Dry ash (%)	0227	1.255	0.0900				1			0
032.52	Potassium, ICP-MS, Open vessel (%)	0154	1.006	0.0750				3			0
032.52	Potassium, ICP-MS, Open vessel (%)	0186	1.180	0.0077				3			0
032.52	Potassium, ICP-MS, Open vessel (%)	2319	1.195	0.0300				3			0
032.53	Potassium, ICP-MS, Microwave (%)	0016	1.145	0.0100	1.179	0.0243	0.0416	5			0
032.53	Potassium, ICP-MS, Microwave (%)	0553	1.175	0.0100	1.179	0.0243	0.0416	5			0
032.53	Potassium, ICP-MS, Microwave (%)	0199	1.180	0.0800	1.179	0.0243	0.0416	5			0
032.53	Potassium, ICP-MS, Microwave (%)	0939	1.180	0.0400	1.179	0.0243	0.0416	5			0
032.53	Potassium, ICP-MS, Microwave (%)	0407	1.214	0.0680	1.179	0.0243	0.0416	5			0
032.99	Potassium, Miscellaneous (%)	0001	1.135	0.0380	1.156	0.0220	0.0250	5			0
032.99	Potassium, Miscellaneous (%)	2302	1.141	0.0120	1.156	0.0220	0.0250	5			0
032.99	Potassium, Miscellaneous (%)	0242	1.150	0.0000	1.156	0.0220	0.0250	5			0
032.99	Potassium, Miscellaneous (%)	0123	1.165	0.0100	1.156	0.0220	0.0250	5			0
032.99	Potassium, Miscellaneous (%)	0100	1.190	0.0400	1.156	0.0220	0.0250	5			0
033.00	Salt as chloride, Sol Cl (%)	0366	0.3300	0.0200	0.4910	0.0879	0.0281	10	-1.83	16%	0
033.00	Salt as chloride, Sol Cl (%)	0123	0.4000	0.0200	0.4910	0.0879	0.0281	10	-1.03	9%	0
033.00	Salt as chloride, Sol Cl (%)	0675	0.4250	0.0300	0.4910	0.0879	0.0281	10	-0.75	7%	0
033.00	Salt as chloride, Sol Cl (%)	2196	0.4900	0.0000	0.4910	0.0879	0.0281	10	-0.01	0%	0
033.00	Salt as chloride, Sol Cl (%)	0504	0.4950	0.0300	0.4910	0.0879	0.0281	10	0.05	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs			
033.00	Salt as chloride, Sol Cl (%)	0511	0.5150	0.0300	0.4910	0.0879	0.0281	10	0.27	2%	0
033.00	Salt as chloride, Sol Cl (%)	0539	0.5200	0.0400	0.4910	0.0879	0.0281	10	0.33	3%	0
033.00	Salt as chloride, Sol Cl (%)	2022	0.5250	0.0300	0.4910	0.0879	0.0281	10	0.39	3%	0
033.00	Salt as chloride, Sol Cl (%)	0045	0.5605	0.0330	0.4910	0.0879	0.0281	10	0.79	7%	0
033.00	Salt as chloride, Sol Cl (%)	0353	0.6200	0.0200	0.4910	0.0879	0.0281	10	1.47	13%	0
033.01	Salt as chloride, Poten Cl (%)	0226	0.5250	0.0100	0.5588	0.0227	0.0143	27	-1.49	3%	0
033.01	Salt as chloride, Poten Cl (%)	0083	0.5300	0.0200	0.5588	0.0227	0.0143	27	-1.27	3%	0
033.01	Salt as chloride, Poten Cl (%)	0964	0.5325	0.0090	0.5588	0.0227	0.0143	27	-1.16	2%	0
033.01	Salt as chloride, Poten Cl (%)	0242	0.5400	0.0000	0.5588	0.0227	0.0143	27	-0.83	2%	0
033.01	Salt as chloride, Poten Cl (%)	0590	0.5400	0.0000	0.5588	0.0227	0.0143	27	-0.83	2%	0
033.01	Salt as chloride, Poten Cl (%)	2190	0.5427	0.0048	0.5588	0.0227	0.0143	27	-0.71	1%	0
033.01	Salt as chloride, Poten Cl (%)	0148	0.5440	0.0000	0.5588	0.0227	0.0143	27	-0.65	1%	0
033.01	Salt as chloride, Poten Cl (%)	0354	0.5450	0.0100	0.5588	0.0227	0.0143	27	-0.61	1%	0
033.01	Salt as chloride, Poten Cl (%)	0001	0.5500	0.0000	0.5588	0.0227	0.0143	27	-0.39	1%	0
033.01	Salt as chloride, Poten Cl (%)	0098	0.5500	0.0200	0.5588	0.0227	0.0143	27	-0.39	1%	0
033.01	Salt as chloride, Poten Cl (%)	0100	0.5500	0.0200	0.5588	0.0227	0.0143	27	-0.39	1%	0
033.01	Salt as chloride, Poten Cl (%)	0948	0.5500	0.0000	0.5588	0.0227	0.0143	27	-0.39	1%	0
033.01	Salt as chloride, Poten Cl (%)	0004	0.5550	0.0100	0.5588	0.0227	0.0143	27	-0.17	0%	0
033.01	Salt as chloride, Poten Cl (%)	0229	0.5550	0.0100	0.5588	0.0227	0.0143	27	-0.17	0%	0
033.01	Salt as chloride, Poten Cl (%)	0596	0.5550	0.0100	0.5588	0.0227	0.0143	27	-0.17	0%	0
033.01	Salt as chloride, Poten Cl (%)	0939	0.5550	0.0100	0.5588	0.0227	0.0143	27	-0.17	0%	0
033.01	Salt as chloride, Poten Cl (%)	0510	0.5600	0.0000	0.5588	0.0227	0.0143	27	0.05	0%	0
033.01	Salt as chloride, Poten Cl (%)	0407	0.5610	0.0160	0.5588	0.0227	0.0143	27	0.10	0%	0
033.01	Salt as chloride, Poten Cl (%)	2115	0.5700	0.0000	0.5588	0.0227	0.0143	27	0.49	1%	0
033.01	Salt as chloride, Poten Cl (%)	2146	0.5700	0.0000	0.5588	0.0227	0.0143	27	0.49	1%	0
033.01	Salt as chloride, Poten Cl (%)	0199	0.5775	0.0070	0.5588	0.0227	0.0143	27	0.82	2%	0
033.01	Salt as chloride, Poten Cl (%)	0227	0.5800	0.0200	0.5588	0.0227	0.0143	27	0.93	2%	0
033.01	Salt as chloride, Poten Cl (%)	2319	0.5850	0.0100	0.5588	0.0227	0.0143	27	1.15	2%	0
033.01	Salt as chloride, Poten Cl (%)	0019	0.5900	0.0200	0.5588	0.0227	0.0143	27	1.37	3%	0
033.01	Salt as chloride, Poten Cl (%)	0682	0.5900	0.0000	0.5588	0.0227	0.0143	27	1.37	3%	0
033.01	Salt as chloride, Poten Cl (%)	2268	0.6000	0.0400	0.5588	0.0227	0.0143	27	1.81	4%	0
033.01	Salt as chloride, Poten Cl (%)	0186	0.6250	0.0300	0.5588	0.0227	0.0143	27	2.91	6%	0
033.03	Salt as chloride, Quantab (%)	0726	0.4600	0.0000				3			0
033.03	Salt as chloride, Quantab (%)	0190	0.5000	0.0000				3			0
033.03	Salt as chloride, Quantab (%)	0505	0.5400	0.0000				3			0
033.03	Salt as chloride, Quantab (%)	2076	0.4900	0.0600				3			1
033.03	Salt as chloride, Quantab (%)	0089	0.8000	0.0000				3			2
033.05	Salt as chloride, Ion Sel Electrode (%)	0171	0.4850	0.0100				3			0
033.05	Salt as chloride, Ion Sel Electrode (%)	0689	0.5250	0.0300				3			0
033.05	Salt as chloride, Ion Sel Electrode (%)	0918	0.9300	0.0600				3			0
033.99	Salt, Miscellaneous (%)	2489	0.3650	0.0300	0.6996	0.3015	0.0270	12	-1.11	24%	0
033.99	Salt, Miscellaneous (%)	0536	0.4200	0.0200	0.6996	0.3015	0.0270	12	-0.93	20%	0

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			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs			
033.99	Salt, Miscellaneous (%)	2022	0.4900	0.0000	0.6996	0.3015	0.0270	12	-0.70	15%	0
033.99	Salt, Miscellaneous (%)	2144	0.5200	0.0200	0.6996	0.3015	0.0270	12	-0.60	13%	0
033.99	Salt, Miscellaneous (%)	0650	0.5400	0.0000	0.6996	0.3015	0.0270	12	-0.53	11%	0
033.99	Salt, Miscellaneous (%)	0208	0.5430	0.0260	0.6996	0.3015	0.0270	12	-0.52	11%	0
033.99	Salt, Miscellaneous (%)	2129	0.6395	0.0270	0.6996	0.3015	0.0270	12	-0.20	4%	0
033.99	Salt, Miscellaneous (%)	2181	0.7300	0.0600	0.6996	0.3015	0.0270	12	0.10	2%	0
033.99	Salt, Miscellaneous (%)	0358	1.010	0.0400	0.6996	0.3015	0.0270	12	1.03	22%	0
033.99	Salt, Miscellaneous (%)	2476	1.037	0.0020	0.6996	0.3015	0.0270	12	1.12	24%	0
033.99	Salt, Miscellaneous (%)	0028	1.050	0.0400	0.6996	0.3015	0.0270	12	1.16	25%	0
033.99	Salt, Miscellaneous (%)	0017	1.051	0.0130	0.6996	0.3015	0.0270	12	1.17	25%	0
033.99	Salt, Miscellaneous (%)	0300	1.060	0.1800	0.6996	0.3015	0.0270	12	1.20	26%	1
034.01	Selenium, Total (Se), Fluor (ppm)	0038	0.7185	0.0390				1			0
034.04	Selenium, Total (Se), AA, Hydride (ppm)	0045	0.4140	0.0100				3			0
034.04	Selenium, Total (Se), AA, Hydride (ppm)	0563	0.6089	0.0211				3			0
034.04	Selenium, Total (Se), AA, Hydride (ppm)	0169	0.6600	0.0400				3			0
034.41	Selenium, Total (Se), ICP, Dry ash (ppm)	0598	0.5719	0.0422				2			0
034.41	Selenium, Total (Se), ICP, Dry ash (ppm)	0148	0.5900	0.1240				2			0
034.42	Selenium, Total (Se), ICP, Open vessel (ppm)	0692	1.156	0.1250				1			0
034.42	Selenium, Total (Se), ICP, Open vessel (ppm)	0096	< 20					1			5
034.43	Selenium, Total (Se), ICP, Microwave (ppm)	0066	0.5930	0.0180				2			0
034.43	Selenium, Total (Se), ICP, Microwave (ppm)	0278	0.6500	0.0600				2			0
034.43	Selenium, Total (Se), ICP, Microwave (ppm)	2476	0.0000	0.0000				2			4
034.43	Selenium, Total (Se), ICP, Microwave (ppm)	0629	< 2.5					2			5
034.43	Selenium, Total (Se), ICP, Microwave (ppm)	0682	< 5					2			5
034.52	Selenium, Total (Se), ICP-MS, Open vessel (ppm)	0186	0.5179	0.0209				3			0
034.52	Selenium, Total (Se), ICP-MS, Open vessel (ppm)	0047	0.5550	0.0100				3			0
034.52	Selenium, Total (Se), ICP-MS, Open vessel (ppm)	0096	0.6189	0.0732				3			0
034.53	Selenium, Total (Se), ICP-MS, Microwave (ppm)	0199	0.5305	0.0450	0.6184	0.0589	0.0330	9	-1.49	7%	0
034.53	Selenium, Total (Se), ICP-MS, Microwave (ppm)	0553	0.5845	0.0030	0.6184	0.0589	0.0330	9	-0.58	3%	0
034.53	Selenium, Total (Se), ICP-MS, Microwave (ppm)	0009	0.5878	0.0518	0.6184	0.0589	0.0330	9	-0.52	2%	0
034.53	Selenium, Total (Se), ICP-MS, Microwave (ppm)	0227	0.5925	0.0110	0.6184	0.0589	0.0330	9	-0.44	2%	0
034.53	Selenium, Total (Se), ICP-MS, Microwave (ppm)	0033	0.6225	0.0310	0.6184	0.0589	0.0330	9	0.07	0%	0
034.53	Selenium, Total (Se), ICP-MS, Microwave (ppm)	0016	0.6310	0.0060	0.6184	0.0589	0.0330	9	0.21	1%	0
034.53	Selenium, Total (Se), ICP-MS, Microwave (ppm)	0610	0.6400	0.0400	0.6184	0.0589	0.0330	9	0.37	2%	0
034.53	Selenium, Total (Se), ICP-MS, Microwave (ppm)	0939	0.6700	0.0000	0.6184	0.0589	0.0330	9	0.88	4%	0
034.53	Selenium, Total (Se), ICP-MS, Microwave (ppm)	0407	0.8555	0.1187	0.6184	0.0589	0.0330	9	4.02	19%	0
034.99	Selenium, Total (Se), Miscellaneous (ppm)	0190	1.495	0.0100				1			0
035.05	Sodium, Flame Emission (%)	0108	0.1750	0.0100				1			0
035.31	Sodium, AAS, Dry ash (%)	0563	0.3693	0.0148	0.4081	0.0270	0.0143	6	-1.44	5%	0
035.31	Sodium, AAS, Dry ash (%)	2196	0.3900	0.0000	0.4081	0.0270	0.0143	6	-0.67	2%	0
035.31	Sodium, AAS, Dry ash (%)	0536	0.4150	0.0100	0.4081	0.0270	0.0143	6	0.26	1%	0
035.31	Sodium, AAS, Dry ash (%)	0939	0.4200	0.0000	0.4081	0.0270	0.0143	6	0.44	1%	0

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			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs			
035.31	Sodium, AAS, Dry ash (%)	0948	0.4200	0.0000	0.4081	0.0270	0.0143	6	0.44	1%	0
035.31	Sodium, AAS, Dry ash (%)	0038	0.4340	0.0180	0.4081	0.0270	0.0143	6	0.96	3%	0
035.31	Sodium, AAS, Dry ash (%)	0651	0.3883	0.0623	0.4081	0.0270	0.0143	6	-0.73	2%	1
035.32	Sodium, AAS, Open vessel (%)	0169	0.3450	0.0100				1			0
035.33	Sodium, AAS, Microwave (%)	2115	0.4000	0.0000				1			0
035.41	Sodium, ICP, Dry ash (%)	0004	0.3800	0.0000	0.4100	0.0182	0.0135	17	-1.64	4%	0
035.41	Sodium, ICP, Dry ash (%)	0066	0.3860	0.0100	0.4100	0.0182	0.0135	17	-1.31	3%	0
035.41	Sodium, ICP, Dry ash (%)	0358	0.3950	0.0100	0.4100	0.0182	0.0135	17	-0.82	2%	0
035.41	Sodium, ICP, Dry ash (%)	0407	0.3960	0.0211	0.4100	0.0182	0.0135	17	-0.77	2%	0
035.41	Sodium, ICP, Dry ash (%)	0208	0.3990	0.0260	0.4100	0.0182	0.0135	17	-0.60	1%	0
035.41	Sodium, ICP, Dry ash (%)	0148	0.4015	0.0070	0.4100	0.0182	0.0135	17	-0.46	1%	0
035.41	Sodium, ICP, Dry ash (%)	0049	0.4050	0.0300	0.4100	0.0182	0.0135	17	-0.27	1%	0
035.41	Sodium, ICP, Dry ash (%)	0171	0.4050	0.0100	0.4100	0.0182	0.0135	17	-0.27	1%	0
035.41	Sodium, ICP, Dry ash (%)	0144	0.4100	0.0200	0.4100	0.0182	0.0135	17	0.00	0%	0
035.41	Sodium, ICP, Dry ash (%)	0229	0.4100	0.0200	0.4100	0.0182	0.0135	17	0.00	0%	0
035.41	Sodium, ICP, Dry ash (%)	0598	0.4143	0.0027	0.4100	0.0182	0.0135	17	0.23	1%	0
035.41	Sodium, ICP, Dry ash (%)	0520	0.4179	0.0006	0.4100	0.0182	0.0135	17	0.44	1%	0
035.41	Sodium, ICP, Dry ash (%)	2482	0.4215	0.0039	0.4100	0.0182	0.0135	17	0.63	1%	0
035.41	Sodium, ICP, Dry ash (%)	0226	0.4250	0.0100	0.4100	0.0182	0.0135	17	0.82	2%	0
035.41	Sodium, ICP, Dry ash (%)	0227	0.4285	0.0170	0.4100	0.0182	0.0135	17	1.02	2%	0
035.41	Sodium, ICP, Dry ash (%)	0413	0.4350	0.0100	0.4100	0.0182	0.0135	17	1.37	3%	0
035.41	Sodium, ICP, Dry ash (%)	0098	0.4400	0.0200	0.4100	0.0182	0.0135	17	1.65	4%	0
035.42	Sodium, ICP, Open vessel (%)	0870	0.3947	0.0017	0.4223	0.0175	0.0129	18	-1.58	3%	0
035.42	Sodium, ICP, Open vessel (%)	2129	0.4045	0.0110	0.4223	0.0175	0.0129	18	-1.02	2%	0
035.42	Sodium, ICP, Open vessel (%)	0294	0.4050	0.0100	0.4223	0.0175	0.0129	18	-0.99	2%	0
035.42	Sodium, ICP, Open vessel (%)	0045	0.4085	0.0330	0.4223	0.0175	0.0129	18	-0.79	2%	0
035.42	Sodium, ICP, Open vessel (%)	0160	0.4100	0.0000	0.4223	0.0175	0.0129	18	-0.70	1%	0
035.42	Sodium, ICP, Open vessel (%)	0278	0.4100	0.0200	0.4223	0.0175	0.0129	18	-0.70	1%	0
035.42	Sodium, ICP, Open vessel (%)	0042	0.4135	0.0050	0.4223	0.0175	0.0129	18	-0.50	1%	0
035.42	Sodium, ICP, Open vessel (%)	0263	0.4135	0.0070	0.4223	0.0175	0.0129	18	-0.50	1%	0
035.42	Sodium, ICP, Open vessel (%)	2433	0.4221	0.0073	0.4223	0.0175	0.0129	18	-0.01	0%	0
035.42	Sodium, ICP, Open vessel (%)	0366	0.4225	0.0190	0.4223	0.0175	0.0129	18	0.01	0%	0
035.42	Sodium, ICP, Open vessel (%)	0357	0.4276	0.0011	0.4223	0.0175	0.0129	18	0.30	1%	0
035.42	Sodium, ICP, Open vessel (%)	0190	0.4300	0.0000	0.4223	0.0175	0.0129	18	0.44	1%	0
035.42	Sodium, ICP, Open vessel (%)	0726	0.4300	0.0000	0.4223	0.0175	0.0129	18	0.44	1%	0
035.42	Sodium, ICP, Open vessel (%)	0504	0.4365	0.0390	0.4223	0.0175	0.0129	18	0.82	2%	0
035.42	Sodium, ICP, Open vessel (%)	0202	0.4375	0.0050	0.4223	0.0175	0.0129	18	0.87	2%	0
035.42	Sodium, ICP, Open vessel (%)	2319	0.4415	0.0070	0.4223	0.0175	0.0129	18	1.10	2%	0
035.42	Sodium, ICP, Open vessel (%)	0692	0.4450	0.0300	0.4223	0.0175	0.0129	18	1.30	3%	0
035.42	Sodium, ICP, Open vessel (%)	0186	0.4471	0.0077	0.4223	0.0175	0.0129	18	1.42	3%	0
035.42	Sodium, ICP, Open vessel (%)	0096	0.4391	0.0774	0.4223	0.0175	0.0129	18	0.96	2%	1
035.43	Sodium, ICP, Microwave (%)	2322	0.3776	0.0002	0.4098	0.0236	0.0167	25	-1.36	4%	0

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035.43	Sodium, ICP, Microwave (%)	0682	0.3800	0.0000	0.4098	0.0236	0.0167	25	-1.26	4%	0
035.43	Sodium, ICP, Microwave (%)	0407	0.3801	0.0265	0.4098	0.0236	0.0167	25	-1.26	4%	0
035.43	Sodium, ICP, Microwave (%)	0918	0.3890	0.0020	0.4098	0.0236	0.0167	25	-0.88	3%	0
035.43	Sodium, ICP, Microwave (%)	0001	0.3895	0.0230	0.4098	0.0236	0.0167	25	-0.86	2%	0
035.43	Sodium, ICP, Microwave (%)	0968	0.3895	0.0070	0.4098	0.0236	0.0167	25	-0.86	2%	0
035.43	Sodium, ICP, Microwave (%)	0083	0.3900	0.0000	0.4098	0.0236	0.0167	25	-0.84	2%	0
035.43	Sodium, ICP, Microwave (%)	0964	0.3937	0.0189	0.4098	0.0236	0.0167	25	-0.68	2%	0
035.43	Sodium, ICP, Microwave (%)	0033	0.3995	0.0630	0.4098	0.0236	0.0167	25	-0.43	1%	0
035.43	Sodium, ICP, Microwave (%)	0629	0.4000	0.0000	0.4098	0.0236	0.0167	25	-0.41	1%	0
035.43	Sodium, ICP, Microwave (%)	2115	0.4000	0.0000	0.4098	0.0236	0.0167	25	-0.41	1%	0
035.43	Sodium, ICP, Microwave (%)	0675	0.4050	0.0300	0.4098	0.0236	0.0167	25	-0.20	1%	0
035.43	Sodium, ICP, Microwave (%)	0870	0.4131	0.0026	0.4098	0.0236	0.0167	25	0.14	0%	0
035.43	Sodium, ICP, Microwave (%)	0035	0.4150	0.0100	0.4098	0.0236	0.0167	25	0.22	1%	0
035.43	Sodium, ICP, Microwave (%)	0297	0.4150	0.0100	0.4098	0.0236	0.0167	25	0.22	1%	0
035.43	Sodium, ICP, Microwave (%)	0300	0.4175	0.0710	0.4098	0.0236	0.0167	25	0.33	1%	0
035.43	Sodium, ICP, Microwave (%)	0610	0.4200	0.0000	0.4098	0.0236	0.0167	25	0.43	1%	0
035.43	Sodium, ICP, Microwave (%)	0098	0.4200	0.0400	0.4098	0.0236	0.0167	25	0.43	1%	0
035.43	Sodium, ICP, Microwave (%)	2481	0.4250	0.0100	0.4098	0.0236	0.0167	25	0.65	2%	0
035.43	Sodium, ICP, Microwave (%)	0876	0.4300	0.0200	0.4098	0.0236	0.0167	25	0.86	2%	0
035.43	Sodium, ICP, Microwave (%)	0354	0.4320	0.0060	0.4098	0.0236	0.0167	25	0.94	3%	0
035.43	Sodium, ICP, Microwave (%)	0226	0.4350	0.0100	0.4098	0.0236	0.0167	25	1.07	3%	0
035.43	Sodium, ICP, Microwave (%)	0353	0.4374	0.0129	0.4098	0.0236	0.0167	25	1.17	3%	0
035.43	Sodium, ICP, Microwave (%)	0510	0.4450	0.0040	0.4098	0.0236	0.0167	25	1.49	4%	0
035.43	Sodium, ICP, Microwave (%)	0038	0.4600	0.0260	0.4098	0.0236	0.0167	25	2.13	6%	0
035.52	Sodium, ICP-MS, Open vessel (%)	0154	0.4025	0.0426				3			0
035.52	Sodium, ICP-MS, Open vessel (%)	0096	0.4172	0.0161				3			0
035.52	Sodium, ICP-MS, Open vessel (%)	0186	0.4173	0.0066				3			0
035.53	Sodium, ICP-MS, Microwave (%)	0199	0.3390	0.0000				3			0
035.53	Sodium, ICP-MS, Microwave (%)	0553	0.3990	0.0040				3			0
035.53	Sodium, ICP-MS, Microwave (%)	0939	0.4200	0.0000				3			0
035.53	Sodium, ICP-MS, Microwave (%)	0407	0.4254	0.0222				3			1
035.99	Sodium, Miscellaneous (%)	0123	0.4250	0.0100				3			0
035.99	Sodium, Miscellaneous (%)	0242	0.4250	0.0100				3			0
035.99	Sodium, Miscellaneous (%)	0100	0.4300	0.0200				3			0
035.99	Sodium, Miscellaneous (%)	2302	0.3430	0.0200				3			2
036.04	Sulfur, LECO (%)	0148	0.5000	0.0120	0.5370	0.0271	0.0130	4			0
036.04	Sulfur, LECO (%)	0229	0.5400	0.0200	0.5370	0.0271	0.0130	4			0
036.04	Sulfur, LECO (%)	0948	0.5430	0.0100	0.5370	0.0271	0.0130	4			0
036.04	Sulfur, LECO (%)	0226	0.5650	0.0100	0.5370	0.0271	0.0130	4			0
036.42	Sulfur, ICP, Open vessel (%)	2129	0.4475	0.0010	0.5124	0.0301	0.0138	16	-2.16	6%	0
036.42	Sulfur, ICP, Open vessel (%)	0407	0.4776	0.0319	0.5124	0.0301	0.0138	16	-1.16	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0366	0.4850	0.0300	0.5124	0.0301	0.0138	16	-0.91	3%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs			
036.42	Sulfur, ICP, Open vessel (%)	0870	0.4960	0.0042	0.5124	0.0301	0.0138	16	-0.54	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0278	0.5000	0.0200	0.5124	0.0301	0.0138	16	-0.41	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0692	0.5000	0.0200	0.5124	0.0301	0.0138	16	-0.41	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0042	0.5035	0.0230	0.5124	0.0301	0.0138	16	-0.29	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0294	0.5050	0.0100	0.5124	0.0301	0.0138	16	-0.24	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0045	0.5085	0.0090	0.5124	0.0301	0.0138	16	-0.13	0%	0
036.42	Sulfur, ICP, Open vessel (%)	0160	0.5100	0.0200	0.5124	0.0301	0.0138	16	-0.08	0%	0
036.42	Sulfur, ICP, Open vessel (%)	0357	0.5227	0.0101	0.5124	0.0301	0.0138	16	0.34	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0227	0.5250	0.0100	0.5124	0.0301	0.0138	16	0.42	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0186	0.5418	0.0018	0.5124	0.0301	0.0138	16	0.98	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0190	0.5500	0.0000	0.5124	0.0301	0.0138	16	1.25	4%	0
036.42	Sulfur, ICP, Open vessel (%)	0726	0.5500	0.0000	0.5124	0.0301	0.0138	16	1.25	4%	0
036.42	Sulfur, ICP, Open vessel (%)	0202	0.5555	0.0030	0.5124	0.0301	0.0138	16	1.43	4%	0
036.43	Sulfur, ICP, Microwave (%)	0407	0.4857	0.0001	0.5282	0.0166	0.0126	19	-2.57	4%	0
036.43	Sulfur, ICP, Microwave (%)	0297	0.5050	0.0500	0.5282	0.0166	0.0126	19	-1.40	2%	0
036.43	Sulfur, ICP, Microwave (%)	0918	0.5120	0.0020	0.5282	0.0166	0.0126	19	-0.98	2%	0
036.43	Sulfur, ICP, Microwave (%)	0001	0.5130	0.0280	0.5282	0.0166	0.0126	19	-0.92	1%	0
036.43	Sulfur, ICP, Microwave (%)	0033	0.5190	0.0660	0.5282	0.0166	0.0126	19	-0.56	1%	0
036.43	Sulfur, ICP, Microwave (%)	0083	0.5200	0.0000	0.5282	0.0166	0.0126	19	-0.50	1%	0
036.43	Sulfur, ICP, Microwave (%)	0353	0.5250	0.0100	0.5282	0.0166	0.0126	19	-0.19	0%	0
036.43	Sulfur, ICP, Microwave (%)	0510	0.5250	0.0100	0.5282	0.0166	0.0126	19	-0.19	0%	0
036.43	Sulfur, ICP, Microwave (%)	0038	0.5255	0.0050	0.5282	0.0166	0.0126	19	-0.16	0%	0
036.43	Sulfur, ICP, Microwave (%)	0876	0.5270	0.0160	0.5282	0.0166	0.0126	19	-0.07	0%	0
036.43	Sulfur, ICP, Microwave (%)	0066	0.5275	0.0010	0.5282	0.0166	0.0126	19	-0.04	0%	0
036.43	Sulfur, ICP, Microwave (%)	0682	0.5300	0.0000	0.5282	0.0166	0.0126	19	0.11	0%	0
036.43	Sulfur, ICP, Microwave (%)	2476	0.5300	0.0080	0.5282	0.0166	0.0126	19	0.11	0%	0
036.43	Sulfur, ICP, Microwave (%)	0226	0.5400	0.0000	0.5282	0.0166	0.0126	19	0.71	1%	0
036.43	Sulfur, ICP, Microwave (%)	0870	0.5405	0.0119	0.5282	0.0166	0.0126	19	0.74	1%	0
036.43	Sulfur, ICP, Microwave (%)	0098	0.5422	0.0055	0.5282	0.0166	0.0126	19	0.84	1%	0
036.43	Sulfur, ICP, Microwave (%)	0968	0.5450	0.0060	0.5282	0.0166	0.0126	19	1.01	2%	0
036.43	Sulfur, ICP, Microwave (%)	2481	0.5550	0.0100	0.5282	0.0166	0.0126	19	1.62	3%	0
036.43	Sulfur, ICP, Microwave (%)	0505	0.5905	0.0270	0.5282	0.0166	0.0126	19	3.76	6%	0
036.43	Sulfur, ICP, Microwave (%)	0035	163.5	2.400	0.5282	0.0166	0.0126	19	>100	15427%	2
036.52	Sulfur, ICP-MS, Open vessel (%)	0186	0.5428	0.0209				1			0
036.53	Sulfur, ICP-MS, Microwave (%)	0553	0.5375	0.0190				1			0
036.99	Sulfur, Miscellaneous (%)	0242	0.4300	0.0200				2			0
036.99	Sulfur, Miscellaneous (%)	0123	0.5400	0.0000				2			0
037.31	Zinc, AAS, Dry ash (ppm)	0651	120.1	2.508	148.4	8.961	1.881	8	-3.16	10%	0
037.31	Zinc, AAS, Dry ash (ppm)	0939	142.7	5.200	148.4	8.961	1.881	8	-0.63	2%	0
037.31	Zinc, AAS, Dry ash (ppm)	2196	145.6	0.0000	148.4	8.961	1.881	8	-0.31	1%	0
037.31	Zinc, AAS, Dry ash (ppm)	0689	145.8	0.1000	148.4	8.961	1.881	8	-0.29	1%	0
037.31	Zinc, AAS, Dry ash (ppm)	0563	150.6	1.840	148.4	8.961	1.881	8	0.25	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs			
037.31	Zinc, AAS, Dry ash (ppm)	0948	151.2	2.380	148.4	8.961	1.881	8	0.31	1%	0
037.31	Zinc, AAS, Dry ash (ppm)	0001	156.4	0.7000	148.4	8.961	1.881	8	0.89	3%	0
037.31	Zinc, AAS, Dry ash (ppm)	2188	159.9	1.528	148.4	8.961	1.881	8	1.29	4%	0
037.32	Zinc, AAS, Open vessel (ppm)	0038	153.0	26.00				1			0
037.41	Zinc, ICP, Dry ash (ppm)	0848	129.0	2.370	151.9	9.751	6.672	15	-2.35	8%	0
037.41	Zinc, ICP, Dry ash (ppm)	0208	139.8	8.100	151.9	9.751	6.672	15	-1.25	4%	0
037.41	Zinc, ICP, Dry ash (ppm)	0598	141.8	0.4870	151.9	9.751	6.672	15	-1.03	3%	0
037.41	Zinc, ICP, Dry ash (ppm)	0358	145.0	8.020	151.9	9.751	6.672	15	-0.71	2%	0
037.41	Zinc, ICP, Dry ash (ppm)	0171	149.5	7.000	151.9	9.751	6.672	15	-0.25	1%	0
037.41	Zinc, ICP, Dry ash (ppm)	0004	150.7	0.1200	151.9	9.751	6.672	15	-0.13	0%	0
037.41	Zinc, ICP, Dry ash (ppm)	0148	150.8	7.657	151.9	9.751	6.672	15	-0.12	0%	0
037.41	Zinc, ICP, Dry ash (ppm)	0520	151.1	7.459	151.9	9.751	6.672	15	-0.08	0%	0
037.41	Zinc, ICP, Dry ash (ppm)	0407	151.7	9.052	151.9	9.751	6.672	15	-0.03	0%	0
037.41	Zinc, ICP, Dry ash (ppm)	0674	155.2	0.0000	151.9	9.751	6.672	15	0.33	1%	0
037.41	Zinc, ICP, Dry ash (ppm)	0019	156.1	21.50	151.9	9.751	6.672	15	0.42	1%	0
037.41	Zinc, ICP, Dry ash (ppm)	0049	159.4	2.360	151.9	9.751	6.672	15	0.77	2%	0
037.41	Zinc, ICP, Dry ash (ppm)	0098	159.5	11.20	151.9	9.751	6.672	15	0.78	2%	0
037.41	Zinc, ICP, Dry ash (ppm)	0229	164.6	13.90	151.9	9.751	6.672	15	1.30	4%	0
037.41	Zinc, ICP, Dry ash (ppm)	0226	166.9	0.7700	151.9	9.751	6.672	15	1.53	5%	0
037.42	Zinc, ICP, Open vessel (ppm)	0870	129.3	0.6000	151.6	14.55	6.833	21	-1.54	7%	0
037.42	Zinc, ICP, Open vessel (ppm)	0186	130.7	5.240	151.6	14.55	6.833	21	-1.44	7%	0
037.42	Zinc, ICP, Open vessel (ppm)	0278	130.8	0.1000	151.6	14.55	6.833	21	-1.44	7%	0
037.42	Zinc, ICP, Open vessel (ppm)	0263	136.1	0.5570	151.6	14.55	6.833	21	-1.07	5%	0
037.42	Zinc, ICP, Open vessel (ppm)	0009	141.0	12.00	151.6	14.55	6.833	21	-0.73	4%	0
037.42	Zinc, ICP, Open vessel (ppm)	2433	141.6	12.15	151.6	14.55	6.833	21	-0.69	3%	0
037.42	Zinc, ICP, Open vessel (ppm)	0045	147.5	7.000	151.6	14.55	6.833	21	-0.28	1%	0
037.42	Zinc, ICP, Open vessel (ppm)	0366	148.0	12.00	151.6	14.55	6.833	21	-0.25	1%	0
037.42	Zinc, ICP, Open vessel (ppm)	0294	148.3	5.290	151.6	14.55	6.833	21	-0.23	1%	0
037.42	Zinc, ICP, Open vessel (ppm)	0357	151.2	0.4190	151.6	14.55	6.833	21	-0.03	0%	0
037.42	Zinc, ICP, Open vessel (ppm)	0692	152.7	11.33	151.6	14.55	6.833	21	0.07	0%	0
037.42	Zinc, ICP, Open vessel (ppm)	2129	155.4	1.900	151.6	14.55	6.833	21	0.25	1%	0
037.42	Zinc, ICP, Open vessel (ppm)	0160	157.5	11.00	151.6	14.55	6.833	21	0.40	2%	0
037.42	Zinc, ICP, Open vessel (ppm)	0413	160.5	5.330	151.6	14.55	6.833	21	0.61	3%	0
037.42	Zinc, ICP, Open vessel (ppm)	2319	161.0	2.000	151.6	14.55	6.833	21	0.64	3%	0
037.42	Zinc, ICP, Open vessel (ppm)	0726	161.3	1.700	151.6	14.55	6.833	21	0.66	3%	0
037.42	Zinc, ICP, Open vessel (ppm)	0202	163.5	3.000	151.6	14.55	6.833	21	0.82	4%	0
037.42	Zinc, ICP, Open vessel (ppm)	0504	164.0	30.00	151.6	14.55	6.833	21	0.85	4%	0
037.42	Zinc, ICP, Open vessel (ppm)	0096	164.1	18.77	151.6	14.55	6.833	21	0.85	4%	0
037.42	Zinc, ICP, Open vessel (ppm)	0190	166.3	0.1000	151.6	14.55	6.833	21	1.00	5%	0
037.42	Zinc, ICP, Open vessel (ppm)	0042	186.5	21.00	151.6	14.55	6.833	21	2.40	11%	0
037.43	Zinc, ICP, Microwave (ppm)	0511	130.5	11.00	150.7	11.25	5.552	32	-1.80	7%	0
037.43	Zinc, ICP, Microwave (ppm)	2322	135.0	0.0007	150.7	11.25	5.552	32	-1.40	5%	0

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			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs			
037.43	Zinc, ICP, Microwave (ppm)	0870	136.8	3.800	150.7	11.25	5.552	32	-1.24	5%	0
037.43	Zinc, ICP, Microwave (ppm)	0028	136.9	4.880	150.7	11.25	5.552	32	-1.23	5%	0
037.43	Zinc, ICP, Microwave (ppm)	0918	139.6	4.570	150.7	11.25	5.552	32	-0.99	4%	0
037.43	Zinc, ICP, Microwave (ppm)	0682	141.1	0.0000	150.7	11.25	5.552	32	-0.86	3%	0
037.43	Zinc, ICP, Microwave (ppm)	0010	143.9	6.300	150.7	11.25	5.552	32	-0.61	2%	0
037.43	Zinc, ICP, Microwave (ppm)	0169	144.5	3.000	150.7	11.25	5.552	32	-0.55	2%	0
037.43	Zinc, ICP, Microwave (ppm)	0001	145.0	8.000	150.7	11.25	5.552	32	-0.51	2%	0
037.43	Zinc, ICP, Microwave (ppm)	0629	145.5	3.000	150.7	11.25	5.552	32	-0.47	2%	0
037.43	Zinc, ICP, Microwave (ppm)	0407	146.2	17.35	150.7	11.25	5.552	32	-0.41	2%	0
037.43	Zinc, ICP, Microwave (ppm)	0226	146.8	2.360	150.7	11.25	5.552	32	-0.35	1%	0
037.43	Zinc, ICP, Microwave (ppm)	0876	147.5	17.00	150.7	11.25	5.552	32	-0.29	1%	0
037.43	Zinc, ICP, Microwave (ppm)	0848	147.6	3.660	150.7	11.25	5.552	32	-0.28	1%	0
037.43	Zinc, ICP, Microwave (ppm)	0354	147.8	0.5300	150.7	11.25	5.552	32	-0.26	1%	0
037.43	Zinc, ICP, Microwave (ppm)	0968	148.3	2.134	150.7	11.25	5.552	32	-0.21	1%	0
037.43	Zinc, ICP, Microwave (ppm)	0964	148.5	3.000	150.7	11.25	5.552	32	-0.20	1%	0
037.43	Zinc, ICP, Microwave (ppm)	0297	149.5	11.00	150.7	11.25	5.552	32	-0.11	0%	0
037.43	Zinc, ICP, Microwave (ppm)	0675	149.6	5.850	150.7	11.25	5.552	32	-0.10	0%	0
037.43	Zinc, ICP, Microwave (ppm)	0083	152.4	1.490	150.7	11.25	5.552	32	0.15	1%	0
037.43	Zinc, ICP, Microwave (ppm)	0033	153.0	8.000	150.7	11.25	5.552	32	0.20	1%	0
037.43	Zinc, ICP, Microwave (ppm)	0017	155.1	10.89	150.7	11.25	5.552	32	0.39	1%	0
037.43	Zinc, ICP, Microwave (ppm)	0510	156.0	2.000	150.7	11.25	5.552	32	0.47	2%	0
037.43	Zinc, ICP, Microwave (ppm)	0860	158.2	0.0000	150.7	11.25	5.552	32	0.66	2%	0
037.43	Zinc, ICP, Microwave (ppm)	0353	159.9	0.3000	150.7	11.25	5.552	32	0.81	3%	0
037.43	Zinc, ICP, Microwave (ppm)	0505	160.0	1.000	150.7	11.25	5.552	32	0.82	3%	0
037.43	Zinc, ICP, Microwave (ppm)	0610	160.5	7.000	150.7	11.25	5.552	32	0.87	3%	0
037.43	Zinc, ICP, Microwave (ppm)	0027	164.0	7.233	150.7	11.25	5.552	32	1.18	4%	0
037.43	Zinc, ICP, Microwave (ppm)	0098	167.9	8.700	150.7	11.25	5.552	32	1.52	6%	0
037.43	Zinc, ICP, Microwave (ppm)	2476	169.0	8.950	150.7	11.25	5.552	32	1.63	6%	0
037.43	Zinc, ICP, Microwave (ppm)	0038	170.0	12.00	150.7	11.25	5.552	32	1.71	6%	0
037.43	Zinc, ICP, Microwave (ppm)	2481	174.5	1.230	150.7	11.25	5.552	32	2.12	8%	0
037.43	Zinc, ICP, Microwave (ppm)	0035	0.5300	0.0000	150.7	11.25	5.552	32	-13.35	50%	2
037.44	Zinc, ICP, Dry ash (ppm)	0066	114.0	3.080				2			0
037.44	Zinc, ICP, Dry ash (ppm)	0227	154.5	1.000				2			0
037.52	Zinc, ICP-MS, Open vessel (ppm)	0047	144.5	3.130				3			0
037.52	Zinc, ICP-MS, Open vessel (ppm)	0096	144.6	0.6309				3			0
037.52	Zinc, ICP-MS, Open vessel (ppm)	0186	155.0	2.890				3			0
037.53	Zinc, ICP-MS, Microwave (ppm)	0043	133.0	2.000	148.0	4.690	5.456	6	-3.19	5%	0
037.53	Zinc, ICP-MS, Microwave (ppm)	0199	145.9	27.67	148.0	4.690	5.456	6	-0.43	1%	0
037.53	Zinc, ICP-MS, Microwave (ppm)	0939	148.5	7.000	148.0	4.690	5.456	6	0.12	0%	0
037.53	Zinc, ICP-MS, Microwave (ppm)	0407	149.4	4.006	148.0	4.690	5.456	6	0.30	0%	0
037.53	Zinc, ICP-MS, Microwave (ppm)	0016	150.0	2.000	148.0	4.690	5.456	6	0.44	1%	0
037.53	Zinc, ICP-MS, Microwave (ppm)	0553	153.0	6.000	148.0	4.690	5.456	6	1.08	2%	0

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			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs			
037.99	Zinc, Miscellaneous (ppm)	0242	134.5	1.000				3			0
037.99	Zinc, Miscellaneous (ppm)	0100	165.0	0.0000				3			0
037.99	Zinc, Miscellaneous (ppm)	2302	193.7	2.000				3			0
037.99	Zinc, Miscellaneous (ppm)	0123	150.5	13.00				3			1
038.41	Molybdenum, ICP, Dry ash (ppm)	0407	1.288	0.0553				2			0
038.41	Molybdenum, ICP, Dry ash (ppm)	0226	1.425	0.0700				2			0
038.42	Molybdenum, ICP, Open vessel (ppm)	0278	1.575	0.1900	1.747	0.1542	0.2716	5			0
038.42	Molybdenum, ICP, Open vessel (ppm)	0202	1.620	0.0000	1.747	0.1542	0.2716	5			0
038.42	Molybdenum, ICP, Open vessel (ppm)	0045	1.755	0.4300	1.747	0.1542	0.2716	5			0
038.42	Molybdenum, ICP, Open vessel (ppm)	0692	1.837	0.3662	1.747	0.1542	0.2716	5			0
038.42	Molybdenum, ICP, Open vessel (ppm)	0366	1.950	0.1000	1.747	0.1542	0.2716	5			0
038.42	Molybdenum, ICP, Open vessel (ppm)	0096	< 2		1.747	0.1542	0.2716	5			5
038.43	Molybdenum, ICP, Microwave (ppm)	0407	0.9157	0.1743	1.590	0.3979	0.1355	10	-1.69	21%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0353	1.310	0.0682	1.590	0.3979	0.1355	10	-0.70	9%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0510	1.400	0.0000	1.590	0.3979	0.1355	10	-0.48	6%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0038	1.470	0.4200	1.590	0.3979	0.1355	10	-0.30	4%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0629	1.515	0.0100	1.590	0.3979	0.1355	10	-0.19	2%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0083	1.595	0.0100	1.590	0.3979	0.1355	10	0.01	0%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0964	1.640	0.1200	1.590	0.3979	0.1355	10	0.13	2%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0297	1.700	0.2000	1.590	0.3979	0.1355	10	0.28	3%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0169	2.090	0.1000	1.590	0.3979	0.1355	10	1.26	16%	0
038.43	Molybdenum, ICP, Microwave (ppm)	2476	2.565	0.2300	1.590	0.3979	0.1355	10	2.45	31%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0148	< 2.2		1.590	0.3979	0.1355	10			5
038.52	Molybdenum, ICP-MS, Open vessel (ppm)	0047	1.450	0.0200				3			0
038.52	Molybdenum, ICP-MS, Open vessel (ppm)	0186	1.555	0.0300				3			0
038.52	Molybdenum, ICP-MS, Open vessel (ppm)	0096	1.721	0.0705				3			0
038.53	Molybdenum, ICP-MS, Microwave (ppm)	0553	1.610	0.0200	1.779	0.1266	0.0825	6	-1.34	5%	0
038.53	Molybdenum, ICP-MS, Microwave (ppm)	0227	1.695	0.1900	1.779	0.1266	0.0825	6	-0.66	2%	0
038.53	Molybdenum, ICP-MS, Microwave (ppm)	0016	1.770	0.0400	1.779	0.1266	0.0825	6	-0.07	0%	0
038.53	Molybdenum, ICP-MS, Microwave (ppm)	0407	1.828	0.0426	1.779	0.1266	0.0825	6	0.38	1%	0
038.53	Molybdenum, ICP-MS, Microwave (ppm)	0033	1.860	0.1200	1.779	0.1266	0.0825	6	0.64	2%	0
038.53	Molybdenum, ICP-MS, Microwave (ppm)	0199	1.912	0.0000	1.779	0.1266	0.0825	6	1.05	4%	0
038.99	Molybdenum, Miscellaneous (ppm)	0123	1.990	0.1800				1			0
040.43	Barium, ICP, Microwave (ppm)	2481	14.88	0.0800				1			0
040.52	Barium, ICP-MS, Open vessel (ppm)	0096	12.77	0.1556				1			0
040.53	Barium, ICP-MS, Microwave (ppm)	0407	14.18	0.3161				1			0
041.53	Vanadium, ICP-MS, Microwave (ppm)	0553	0.2315	0.0050				2			0
041.53	Vanadium, ICP-MS, Microwave (ppm)	0407	0.2938	0.0258				2			0
042.00	Chloride, Titrimetric (%)	0226	0.3150	0.0100	0.3433	0.0313	0.0115	4			0
042.00	Chloride, Titrimetric (%)	0629	0.3350	0.0100	0.3433	0.0313	0.0115	4			0
042.00	Chloride, Titrimetric (%)	0948	0.3350	0.0100	0.3433	0.0313	0.0115	4			0
042.00	Chloride, Titrimetric (%)	2129	0.3880	0.0160	0.3433	0.0313	0.0115	4			0

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			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs			
042.01	Chloride, Ion-selective electrode (%)	2433	0.3424	0.0135				1			0
042.99	Chloride, Miscellaneous (%)	2302	0.2730	0.0080				2			0
042.99	Chloride, Miscellaneous (%)	0297	0.3300	0.0200				2			0
101.99	Choline Chloride, Miscellaneous (ppm)	0227	1,560	20.00				1			0
102.01	Niacin, Microbiological (ppm)	0227	65.90	3.800				1			0
102.02	Niacin, LC (ppm)	2319	17.05	0.1000				1			0
103.01	Pantothenic Acid, Microbiological (ppm)	0227	6.670	0.3800				1			0
104.00	Riboflavin, Fluorometric (ppm)	0227	2.285	0.0700				1			0
104.03	Riboflavin, LC (ppm)	2319	1.095	0.0900				1			0
104.03	Riboflavin, LC (ppm)	2302	0.0000	0.0000				1			4
105.00	Thiamine, LC (ppm)	2319	1.870	0.1000				1			0
105.01	Thiamine, Fluorometer (ppm)	0227	3.375	0.2100				1			0
106.00	Vitamin A, Color (KU / kg)	0227	17.25	1.500				1			0
106.01	Vitamin A, UV (KU / kg)	0098	19.35	6.500				1			0
106.02	Vitamin A, LC (KU / kg)	0676	11.65	0.9000	17.83	4.867	1.821	11	-1.27	17%	0
106.02	Vitamin A, LC (KU / kg)	0860	13.45	0.0000	17.83	4.867	1.821	11	-0.90	12%	0
106.02	Vitamin A, LC (KU / kg)	0870	14.10	2.447	17.83	4.867	1.821	11	-0.77	10%	0
106.02	Vitamin A, LC (KU / kg)	0563	14.32	0.1252	17.83	4.867	1.821	11	-0.72	10%	0
106.02	Vitamin A, LC (KU / kg)	0610	17.10	2.200	17.83	4.867	1.821	11	-0.15	2%	0
106.02	Vitamin A, LC (KU / kg)	2319	17.30	2.800	17.83	4.867	1.821	11	-0.11	1%	0
106.02	Vitamin A, LC (KU / kg)	0148	18.09	3.080	17.83	4.867	1.821	11	0.05	1%	0
106.02	Vitamin A, LC (KU / kg)	0017	20.55	1.900	17.83	4.867	1.821	11	0.56	8%	0
106.02	Vitamin A, LC (KU / kg)	2302	21.68	4.232	17.83	4.867	1.821	11	0.79	11%	0
106.02	Vitamin A, LC (KU / kg)	0038	22.75	0.5000	17.83	4.867	1.821	11	1.01	14%	0
106.02	Vitamin A, LC (KU / kg)	0199	25.75	0.1000	17.83	4.867	1.821	11	1.63	22%	0
106.03		0581	17.82	0.9500				1			0
107.00	Vitamin B12, Microbiological (ppb)	0227	< 4.4					0			5
107.99	Vitamin B12, Miscellaneous (ppb)	2319	< 20					0			5
108.02	Vitamin D3, LC (KU / kg)	0148	5.275	0.4300				3			0
108.02	Vitamin D3, LC (KU / kg)	0870	6.620	0.3600				3			0
108.02	Vitamin D3, LC (KU / kg)	0227	6.990	0.2200				3			0
108.02	Vitamin D3, LC (KU / kg)	2319	6.470	1.940				3			1
108.02	Vitamin D3, LC (KU / kg)	2302	45.11	0.4580				3			2
109.02	Vitamin E, LC (IU / kg)	0098	70.25	30.50	127.5	14.19	14.57	10	-4.03	22%	0
109.02	Vitamin E, LC (IU / kg)	0148	115.3	5.745	127.5	14.19	14.57	10	-0.86	5%	0
109.02	Vitamin E, LC (IU / kg)	0610	118.0	6.000	127.5	14.19	14.57	10	-0.67	4%	0
109.02	Vitamin E, LC (IU / kg)	0563	120.2	7.154	127.5	14.19	14.57	10	-0.51	3%	0
109.02	Vitamin E, LC (IU / kg)	0199	129.9	1.400	127.5	14.19	14.57	10	0.17	1%	0
109.02	Vitamin E, LC (IU / kg)	0676	130.2	8.200	127.5	14.19	14.57	10	0.19	1%	0
109.02	Vitamin E, LC (IU / kg)	0227	132.5	1.000	127.5	14.19	14.57	10	0.35	2%	0
109.02	Vitamin E, LC (IU / kg)	2188	136.3	8.050	127.5	14.19	14.57	10	0.62	3%	0
109.02	Vitamin E, LC (IU / kg)	0870	137.4	37.19	127.5	14.19	14.57	10	0.70	4%	0

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109.02	Vitamin E, LC (IU / kg)	2302	164.0	46.00	127.5	14.19	14.57	10	2.57	14%	0
109.03		0581	113.6	2.690				1			0
111.00	Vitamin C, Phosphorylated, LC (ppm)	0227	< 4.4					0			5
112.01	Pyridoxine, LC (µg / g)	2319	2.795	0.1300				2			0
112.01	Pyridoxine, LC (µg / g)	0227	5.170	0.1400				2			0
113.01	Folic Acid, Micro (ppm)	0227	1.070	0.0200				1			0
113.02	Folic acid, LC (ppm)	2319	< 0.1					0			5
114.01	Biotin, Microbiological (ppm)	0227	0.2225	0.0230				1			0
114.99	Biotin, Miscellaneous (ppm)	0227	0.1510	0.0000				1			0
115.00	Non Protein N (NPN), Urea + Am, Urease meth	0407	0.1083	0.0876				2			0
115.00	Non Protein N (NPN), Urea + Am, Urease meth	0098	0.6500	0.0600				2			0
115.99	Non Protein N (NPN), Miscellaneous (%)	2129	0.5825	0.0470				1			0
120.00	Alanine, Post-col Ninhydrin Der (%)	0939	0.8350	0.0100	0.8668	0.0184	0.0074	14	-1.73	2%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0353	0.8450	0.0100	0.8668	0.0184	0.0074	14	-1.19	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0968	0.8550	0.0100	0.8668	0.0184	0.0074	14	-0.64	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	2115	0.8550	0.0100	0.8668	0.0184	0.0074	14	-0.64	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0941	0.8590	0.0000	0.8668	0.0184	0.0074	14	-0.42	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	2022	0.8600	0.0200	0.8668	0.0184	0.0074	14	-0.37	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0354	0.8635	0.0010	0.8668	0.0184	0.0074	14	-0.18	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0872	0.8665	0.0050	0.8668	0.0184	0.0074	14	-0.01	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0226	0.8688	0.0051	0.8668	0.0184	0.0074	14	0.11	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0675	0.8750	0.0100	0.8668	0.0184	0.0074	14	0.45	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	2059	0.8815	0.0010	0.8668	0.0184	0.0074	14	0.80	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0644	0.8855	0.0050	0.8668	0.0184	0.0074	14	1.02	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0571	0.8865	0.0050	0.8668	0.0184	0.0074	14	1.07	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0504	0.9150	0.0100	0.8668	0.0184	0.0074	14	2.63	3%	0
120.02	Alanine, Post-col OPA Der (%)	0098	0.8700	0.0280				1			0
120.05	Alanine, Pre-col AQC Der (%)	2188	0.7315	0.0360	0.8784	0.0592	0.0285	8	-2.48	8%	0
120.05	Alanine, Pre-col AQC Der (%)	0407	0.8455	0.0090	0.8784	0.0592	0.0285	8	-0.56	2%	0
120.05	Alanine, Pre-col AQC Der (%)	0682	0.8530	0.0000	0.8784	0.0592	0.0285	8	-0.43	1%	0
120.05	Alanine, Pre-col AQC Der (%)	0676	0.8750	0.0100	0.8784	0.0592	0.0285	8	-0.06	0%	0
120.05	Alanine, Pre-col AQC Der (%)	0870	0.8795	0.0370	0.8784	0.0592	0.0285	8	0.02	0%	0
120.05	Alanine, Pre-col AQC Der (%)	2196	0.8980	0.0000	0.8784	0.0592	0.0285	8	0.33	1%	0
120.05	Alanine, Pre-col AQC Der (%)	2319	0.9250	0.0300	0.8784	0.0592	0.0285	8	0.79	3%	0
120.05	Alanine, Pre-col AQC Der (%)	0148	0.9615	0.0490	0.8784	0.0592	0.0285	8	1.40	5%	0
120.99	Alanine, Miscellaneous (%)	2146	0.8600	0.0200				2			0
120.99	Alanine, Miscellaneous (%)	0227	0.8750	0.0300				2			0
121.00	Arginine, Post-col Ninhydrin Der (%)	0354	1.016	0.0000	1.071	0.0378	0.0096	13	-1.45	3%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0968	1.020	0.0200	1.071	0.0378	0.0096	13	-1.34	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0226	1.044	0.0144	1.071	0.0378	0.0096	13	-0.72	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	2022	1.045	0.0100	1.071	0.0378	0.0096	13	-0.68	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0675	1.051	0.0080	1.071	0.0378	0.0096	13	-0.53	1%	0

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121.00	Arginine, Post-col Ninhydrin Der (%)	0872	1.075	0.0010	1.071	0.0378	0.0096	13	0.10	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	2115	1.075	0.0100	1.071	0.0378	0.0096	13	0.11	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0644	1.079	0.0120	1.071	0.0378	0.0096	13	0.21	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	2059	1.089	0.0000	1.071	0.0378	0.0096	13	0.48	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0939	1.095	0.0100	1.071	0.0378	0.0096	13	0.64	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0941	1.105	0.0000	1.071	0.0378	0.0096	13	0.90	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0571	1.108	0.0020	1.071	0.0378	0.0096	13	0.98	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0504	1.120	0.0000	1.071	0.0378	0.0096	13	1.30	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0353	0.9750	0.0900	1.071	0.0378	0.0096	13	-2.53	4%	1
121.02	Arginine, Post-col OPA Der (%)	0098	1.033	0.0210				1			0
121.05	Arginine, Pre-col AQC Der (%)	0870	0.9905	0.0090	1.110	0.1061	0.0207	7	-1.13	5%	0
121.05	Arginine, Pre-col AQC Der (%)	0682	1.047	0.0000	1.110	0.1061	0.0207	7	-0.59	3%	0
121.05	Arginine, Pre-col AQC Der (%)	2196	1.064	0.0000	1.110	0.1061	0.0207	7	-0.43	2%	0
121.05	Arginine, Pre-col AQC Der (%)	0676	1.090	0.0200	1.110	0.1061	0.0207	7	-0.19	1%	0
121.05	Arginine, Pre-col AQC Der (%)	2188	1.118	0.0417	1.110	0.1061	0.0207	7	0.08	0%	0
121.05	Arginine, Pre-col AQC Der (%)	2319	1.190	0.0000	1.110	0.1061	0.0207	7	0.76	4%	0
121.05	Arginine, Pre-col AQC Der (%)	0407	1.283	0.0120	1.110	0.1061	0.0207	7	1.63	8%	0
121.05	Arginine, Pre-col AQC Der (%)	0148	1.059	0.1620	1.110	0.1061	0.0207	7	-0.48	2%	1
121.99	Arginine, Miscellaneous (%)	2146	1.040	0.0600				2			0
121.99	Arginine, Miscellaneous (%)	0227	1.045	0.0100				2			0
122.00	Aspartic, Post-col Ninhydrin Der (%)	2022	1.345	0.0100	1.377	0.0278	0.0151	14	-1.15	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0226	1.348	0.0382	1.377	0.0278	0.0151	14	-1.06	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0968	1.355	0.0100	1.377	0.0278	0.0151	14	-0.79	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0354	1.364	0.0270	1.377	0.0278	0.0151	14	-0.49	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0353	1.365	0.0100	1.377	0.0278	0.0151	14	-0.43	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	2115	1.365	0.0100	1.377	0.0278	0.0151	14	-0.43	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0941	1.368	0.0000	1.377	0.0278	0.0151	14	-0.33	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0644	1.371	0.0110	1.377	0.0278	0.0151	14	-0.24	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0872	1.375	0.0070	1.377	0.0278	0.0151	14	-0.09	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0675	1.385	0.0300	1.377	0.0278	0.0151	14	0.28	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	2059	1.394	0.0030	1.377	0.0278	0.0151	14	0.59	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0571	1.409	0.0180	1.377	0.0278	0.0151	14	1.15	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0939	1.420	0.0200	1.377	0.0278	0.0151	14	1.54	2%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0504	1.435	0.0100	1.377	0.0278	0.0151	14	2.08	2%	0
122.02	Aspartic, Post-col OPA Der (%)	0098	1.382	0.0360				1			0
122.05	Aspartic, Pre-col AQC Der (%)	2188	1.280	0.0992	1.410	0.1277	0.0474	8	-1.02	5%	0
122.05	Aspartic, Pre-col AQC Der (%)	0676	1.280	0.0200	1.410	0.1277	0.0474	8	-1.02	5%	0
122.05	Aspartic, Pre-col AQC Der (%)	0870	1.334	0.0720	1.410	0.1277	0.0474	8	-0.60	3%	0
122.05	Aspartic, Pre-col AQC Der (%)	0682	1.400	0.0000	1.410	0.1277	0.0474	8	-0.08	0%	0
122.05	Aspartic, Pre-col AQC Der (%)	2196	1.413	0.0000	1.410	0.1277	0.0474	8	0.02	0%	0
122.05	Aspartic, Pre-col AQC Der (%)	2319	1.480	0.0200	1.410	0.1277	0.0474	8	0.54	2%	0
122.05	Aspartic, Pre-col AQC Der (%)	0148	1.495	0.0500	1.410	0.1277	0.0474	8	0.66	3%	0

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122.05	Aspartic, Pre-col AQC Der (%)	0407	1.633	0.0230	1.410	0.1277	0.0474	8	1.74	8%	0
122.99	Aspartic, Miscellaneous (%)	0227	1.405	0.0100				2			0
122.99	Aspartic, Miscellaneous (%)	2146	1.410	0.0200				2			0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0353	0.2850	0.0100	0.3039	0.0084	0.0052	13	-2.26	3%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0644	0.2945	0.0010	0.3039	0.0084	0.0052	13	-1.12	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	2115	0.2950	0.0100	0.3039	0.0084	0.0052	13	-1.06	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0872	0.2960	0.0020	0.3039	0.0084	0.0052	13	-0.94	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	2059	0.3020	0.0000	0.3039	0.0084	0.0052	13	-0.23	0%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0941	0.3045	0.0010	0.3039	0.0084	0.0052	13	0.07	0%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0939	0.3050	0.0100	0.3039	0.0084	0.0052	13	0.13	0%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0354	0.3095	0.0110	0.3039	0.0084	0.0052	13	0.66	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0571	0.3095	0.0010	0.3039	0.0084	0.0052	13	0.66	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0968	0.3100	0.0000	0.3039	0.0084	0.0052	13	0.72	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	2022	0.3100	0.0000	0.3039	0.0084	0.0052	13	0.72	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0226	0.3112	0.0009	0.3039	0.0084	0.0052	13	0.86	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0675	0.3125	0.0050	0.3039	0.0084	0.0052	13	1.02	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0504	0.3750	0.0300	0.3039	0.0084	0.0052	13	8.47	12%	1
124.02	Cysteine/Cystine, PAO Post-col OPA Der (%)	0098	0.3275	0.0010				1			0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0870	0.2905	0.0050	0.3079	0.0168	0.0035	6	-1.03	3%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	2196	0.2910	0.0000	0.3079	0.0168	0.0035	6	-1.00	3%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	2188	0.3049	0.0026	0.3079	0.0168	0.0035	6	-0.18	0%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0682	0.3160	0.0000	0.3079	0.0168	0.0035	6	0.48	1%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	2319	0.3200	0.0000	0.3079	0.0168	0.0035	6	0.72	2%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0407	0.3251	0.0029	0.3079	0.0168	0.0035	6	1.02	3%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0148	0.2160	0.0200	0.3079	0.0168	0.0035	6	-5.46	15%	1
124.99	Cysteine/Cystine, Miscellaneous (%)	0227	0.2700	0.0000				2			0
124.99	Cysteine/Cystine, Miscellaneous (%)	2146	0.2800	0.0000				2			0
125.00	Glutamic, Post-col Ninhydrin Der (%)	2115	3.070	0.0000	3.155	0.0667	0.0253	14	-1.28	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0354	3.093	0.0010	3.155	0.0667	0.0253	14	-0.94	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	2059	3.101	0.0070	3.155	0.0667	0.0253	14	-0.82	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0941	3.110	0.0000	3.155	0.0667	0.0253	14	-0.68	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0675	3.115	0.0300	3.155	0.0667	0.0253	14	-0.60	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0968	3.115	0.0100	3.155	0.0667	0.0253	14	-0.60	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0644	3.137	0.0270	3.155	0.0667	0.0253	14	-0.28	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	2022	3.145	0.0100	3.155	0.0667	0.0253	14	-0.15	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0571	3.179	0.0120	3.155	0.0667	0.0253	14	0.36	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0872	3.190	0.0070	3.155	0.0667	0.0253	14	0.52	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0939	3.200	0.1000	3.155	0.0667	0.0253	14	0.67	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0504	3.230	0.0000	3.155	0.0667	0.0253	14	1.12	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0226	3.243	0.0597	3.155	0.0667	0.0253	14	1.31	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0353	3.245	0.0500	3.155	0.0667	0.0253	14	1.35	1%	0
125.02	Glutamic, Post-col OPA Der (%)	0098	3.133	0.0340				1			0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs			
125.05	Glutamic, Pre-col AQC Der (%)	2188	2.827	0.3283	3.166	0.2409	0.1361	8	-1.41	5%	0
125.05	Glutamic, Pre-col AQC Der (%)	2196	2.972	0.0000	3.166	0.2409	0.1361	8	-0.80	3%	0
125.05	Glutamic, Pre-col AQC Der (%)	0676	3.095	0.1500	3.166	0.2409	0.1361	8	-0.29	1%	0
125.05	Glutamic, Pre-col AQC Der (%)	0682	3.105	0.0000	3.166	0.2409	0.1361	8	-0.25	1%	0
125.05	Glutamic, Pre-col AQC Der (%)	0870	3.201	0.1050	3.166	0.2409	0.1361	8	0.14	1%	0
125.05	Glutamic, Pre-col AQC Der (%)	0407	3.301	0.0470	3.166	0.2409	0.1361	8	0.56	2%	0
125.05	Glutamic, Pre-col AQC Der (%)	2319	3.330	0.0600	3.166	0.2409	0.1361	8	0.68	3%	0
125.05	Glutamic, Pre-col AQC Der (%)	0148	3.495	0.1700	3.166	0.2409	0.1361	8	1.37	5%	0
125.99	Glutamic, Miscellaneous (%)	0227	3.120	0.0800				2			0
125.99	Glutamic, Miscellaneous (%)	2146	3.135	0.0900				2			0
126.00	Glycine, Post-col Ninhydrin Der (%)	0353	0.8050	0.0100	0.8279	0.0216	0.0053	14	-1.06	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0968	0.8050	0.0100	0.8279	0.0216	0.0053	14	-1.06	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	2022	0.8050	0.0100	0.8279	0.0216	0.0053	14	-1.06	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0939	0.8100	0.0000	0.8279	0.0216	0.0053	14	-0.83	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	2115	0.8150	0.0100	0.8279	0.0216	0.0053	14	-0.60	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0354	0.8170	0.0020	0.8279	0.0216	0.0053	14	-0.50	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0675	0.8270	0.0060	0.8279	0.0216	0.0053	14	-0.04	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0872	0.8305	0.0030	0.8279	0.0216	0.0053	14	0.12	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0226	0.8318	0.0009	0.8279	0.0216	0.0053	14	0.18	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	2059	0.8380	0.0040	0.8279	0.0216	0.0053	14	0.47	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0941	0.8425	0.0010	0.8279	0.0216	0.0053	14	0.68	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0644	0.8500	0.0060	0.8279	0.0216	0.0053	14	1.02	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0571	0.8535	0.0010	0.8279	0.0216	0.0053	14	1.19	2%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0504	0.8800	0.0000	0.8279	0.0216	0.0053	14	2.41	3%	0
126.02	Glycine, Post-col OPA Der (%)	0098	0.8350	0.0140				1			0
126.05	Glycine, Pre-col AQC Der (%)	2188	0.7759	0.0243	0.8487	0.0784	0.0536	8	-0.93	4%	0
126.05	Glycine, Pre-col AQC Der (%)	0407	0.8010	0.0080	0.8487	0.0784	0.0536	8	-0.61	3%	0
126.05	Glycine, Pre-col AQC Der (%)	0682	0.8080	0.0000	0.8487	0.0784	0.0536	8	-0.52	2%	0
126.05	Glycine, Pre-col AQC Der (%)	2196	0.8240	0.0000	0.8487	0.0784	0.0536	8	-0.32	1%	0
126.05	Glycine, Pre-col AQC Der (%)	0870	0.8275	0.0310	0.8487	0.0784	0.0536	8	-0.27	1%	0
126.05	Glycine, Pre-col AQC Der (%)	0148	0.8420	0.1080	0.8487	0.0784	0.0536	8	-0.09	0%	0
126.05	Glycine, Pre-col AQC Der (%)	0676	0.9450	0.1300	0.8487	0.0784	0.0536	8	1.23	6%	0
126.05	Glycine, Pre-col AQC Der (%)	2319	0.9900	0.0200	0.8487	0.0784	0.0536	8	1.80	8%	0
126.99	Glycine, Miscellaneous (%)	2146	0.7650	0.0500				2			0
126.99	Glycine, Miscellaneous (%)	0227	0.8350	0.0100				2			0
127.00	Histidine, Post-col Ninhydrin Der (%)	0226	0.3941	0.0031	0.4384	0.0166	0.0058	13	-2.68	5%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	2022	0.4200	0.0000	0.4384	0.0166	0.0058	13	-1.11	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0353	0.4250	0.0100	0.4384	0.0166	0.0058	13	-0.81	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0968	0.4250	0.0100	0.4384	0.0166	0.0058	13	-0.81	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0675	0.4380	0.0040	0.4384	0.0166	0.0058	13	-0.02	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0872	0.4395	0.0050	0.4384	0.0166	0.0058	13	0.07	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0571	0.4405	0.0090	0.4384	0.0166	0.0058	13	0.13	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs			
127.00	Histidine, Post-col Ninhydrin Der (%)	0941	0.4410	0.0000	0.4384	0.0166	0.0058	13	0.16	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	2059	0.4410	0.0040	0.4384	0.0166	0.0058	13	0.16	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0644	0.4425	0.0030	0.4384	0.0166	0.0058	13	0.25	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0939	0.4500	0.0000	0.4384	0.0166	0.0058	13	0.70	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0504	0.4600	0.0000	0.4384	0.0166	0.0058	13	1.31	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0354	0.4630	0.0040	0.4384	0.0166	0.0058	13	1.49	3%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	2115	0.4400	0.0400	0.4384	0.0166	0.0058	13	0.10	0%	1
127.02	Histidine, Post-col OPA Der (%)	0098	0.4520	0.0040				1			0
127.05	Histidine, Pre-col AQC Der (%)	2188	0.4029	0.0196	0.4466	0.0353	0.0132	7	-1.24	5%	0
127.05	Histidine, Pre-col AQC Der (%)	0676	0.4200	0.0000	0.4466	0.0353	0.0132	7	-0.75	3%	0
127.05	Histidine, Pre-col AQC Der (%)	0682	0.4370	0.0000	0.4466	0.0353	0.0132	7	-0.27	1%	0
127.05	Histidine, Pre-col AQC Der (%)	0870	0.4505	0.0150	0.4466	0.0353	0.0132	7	0.11	0%	0
127.05	Histidine, Pre-col AQC Der (%)	2196	0.4560	0.0000	0.4466	0.0353	0.0132	7	0.27	1%	0
127.05	Histidine, Pre-col AQC Der (%)	0407	0.4605	0.0050	0.4466	0.0353	0.0132	7	0.39	2%	0
127.05	Histidine, Pre-col AQC Der (%)	2319	0.5100	0.0000	0.4466	0.0353	0.0132	7	1.79	7%	0
127.05	Histidine, Pre-col AQC Der (%)	0148	0.4425	0.0770	0.4466	0.0353	0.0132	7	-0.12	0%	1
127.99	Histidine, Miscellaneous (%)	2146	0.3600	0.0000				2			0
127.99	Histidine, Miscellaneous (%)	0227	0.4350	0.0100				2			0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0353	0.5750	0.0100	0.6058	0.0227	0.0074	14	-1.36	3%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0354	0.5830	0.0020	0.6058	0.0227	0.0074	14	-1.00	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0968	0.5850	0.0100	0.6058	0.0227	0.0074	14	-0.92	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0939	0.5900	0.0000	0.6058	0.0227	0.0074	14	-0.70	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0872	0.5980	0.0100	0.6058	0.0227	0.0074	14	-0.34	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0941	0.6020	0.0000	0.6058	0.0227	0.0074	14	-0.17	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0675	0.6040	0.0120	0.6058	0.0227	0.0074	14	-0.08	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	2022	0.6050	0.0100	0.6058	0.0227	0.0074	14	-0.04	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	2115	0.6050	0.0100	0.6058	0.0227	0.0074	14	-0.04	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0226	0.6060	0.0023	0.6058	0.0227	0.0074	14	0.01	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0644	0.6205	0.0010	0.6058	0.0227	0.0074	14	0.65	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	2059	0.6310	0.0060	0.6058	0.0227	0.0074	14	1.11	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0571	0.6370	0.0060	0.6058	0.0227	0.0074	14	1.37	3%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0504	0.6850	0.0100	0.6058	0.0227	0.0074	14	3.49	7%	0
128.02	Isoleucine, Post-col OPA Der (%)	0098	0.6450	0.0140				1			0
128.05	Isoleucine, Pre-col AQC Der (%)	2188	0.5096	0.0372	0.6051	0.0402	0.0202	8	-2.38	8%	0
128.05	Isoleucine, Pre-col AQC Der (%)	2319	0.5600	0.0000	0.6051	0.0402	0.0202	8	-1.12	4%	0
128.05	Isoleucine, Pre-col AQC Der (%)	0682	0.6060	0.0000	0.6051	0.0402	0.0202	8	0.02	0%	0
128.05	Isoleucine, Pre-col AQC Der (%)	2196	0.6140	0.0000	0.6051	0.0402	0.0202	8	0.22	1%	0
128.05	Isoleucine, Pre-col AQC Der (%)	0676	0.6150	0.0100	0.6051	0.0402	0.0202	8	0.25	1%	0
128.05	Isoleucine, Pre-col AQC Der (%)	0870	0.6155	0.0010	0.6051	0.0402	0.0202	8	0.26	1%	0
128.05	Isoleucine, Pre-col AQC Der (%)	0407	0.6415	0.0090	0.6051	0.0402	0.0202	8	0.91	3%	0
128.05	Isoleucine, Pre-col AQC Der (%)	0148	0.6440	0.0440	0.6051	0.0402	0.0202	8	0.97	3%	0
128.99	Isoleucine, Miscellaneous (%)	2146	0.5650	0.0300				2			0

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			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs			
128.99	Isoleucine, Miscellaneous (%)	0227	0.6100	0.0000				2			0
129.00	Leucine, Post-col Ninhydrin Der (%)	0968	1.275	0.0100	1.313	0.0306	0.0081	13	-1.25	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0353	1.280	0.0000	1.313	0.0306	0.0081	13	-1.08	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	2022	1.280	0.0000	1.313	0.0306	0.0081	13	-1.08	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0354	1.297	0.0050	1.313	0.0306	0.0081	13	-0.54	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0872	1.300	0.0050	1.313	0.0306	0.0081	13	-0.45	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0675	1.305	0.0100	1.313	0.0306	0.0081	13	-0.27	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0226	1.310	0.0144	1.313	0.0306	0.0081	13	-0.12	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0644	1.326	0.0070	1.313	0.0306	0.0081	13	0.41	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0941	1.326	0.0000	1.313	0.0306	0.0081	13	0.42	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	2059	1.326	0.0080	1.313	0.0306	0.0081	13	0.42	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0571	1.344	0.0050	1.313	0.0306	0.0081	13	0.99	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0939	1.345	0.0100	1.313	0.0306	0.0081	13	1.04	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0504	1.390	0.0000	1.313	0.0306	0.0081	13	2.52	3%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	2115	1.285	0.0300	1.313	0.0306	0.0081	13	-0.92	1%	1
129.02	Leucine, Post-col OPA Der (%)	0098	1.322	0.0390				1			0
129.05	Leucine, Pre-col AQC Der (%)	2188	1.090	0.0617	1.287	0.0765	0.0450	8	-2.58	8%	0
129.05	Leucine, Pre-col AQC Der (%)	2196	1.242	0.0000	1.287	0.0765	0.0450	8	-0.59	2%	0
129.05	Leucine, Pre-col AQC Der (%)	0407	1.257	0.0120	1.287	0.0765	0.0450	8	-0.39	1%	0
129.05	Leucine, Pre-col AQC Der (%)	0682	1.279	0.0000	1.287	0.0765	0.0450	8	-0.10	0%	0
129.05	Leucine, Pre-col AQC Der (%)	0676	1.285	0.0300	1.287	0.0765	0.0450	8	-0.02	0%	0
129.05	Leucine, Pre-col AQC Der (%)	0870	1.320	0.0460	1.287	0.0765	0.0450	8	0.43	1%	0
129.05	Leucine, Pre-col AQC Der (%)	2319	1.350	0.0200	1.287	0.0765	0.0450	8	0.83	2%	0
129.05	Leucine, Pre-col AQC Der (%)	0148	1.390	0.1000	1.287	0.0765	0.0450	8	1.35	4%	0
129.99	Leucine, Miscellaneous (%)	2146	1.290	0.0000				2			0
129.99	Leucine, Miscellaneous (%)	0227	1.315	0.0300				2			0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0512	0.6696	0.0195	0.7144	0.0343	0.0105	15	-1.31	3%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0226	0.6718	0.0243	0.7144	0.0343	0.0105	15	-1.24	3%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	2022	0.6750	0.0100	0.7144	0.0343	0.0105	15	-1.15	3%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0353	0.6900	0.0000	0.7144	0.0343	0.0105	15	-0.71	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0571	0.6980	0.0080	0.7144	0.0343	0.0105	15	-0.48	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0939	0.7050	0.0100	0.7144	0.0343	0.0105	15	-0.27	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	2059	0.7145	0.0070	0.7144	0.0343	0.0105	15	0.00	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0968	0.7150	0.0100	0.7144	0.0343	0.0105	15	0.02	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0644	0.7205	0.0030	0.7144	0.0343	0.0105	15	0.18	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0941	0.7270	0.0000	0.7144	0.0343	0.0105	15	0.37	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0354	0.7325	0.0050	0.7144	0.0343	0.0105	15	0.53	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0675	0.7325	0.0050	0.7144	0.0343	0.0105	15	0.53	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0872	0.7325	0.0030	0.7144	0.0343	0.0105	15	0.53	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0504	0.7900	0.0000	0.7144	0.0343	0.0105	15	2.21	5%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	2115	0.7950	0.0300	0.7144	0.0343	0.0105	15	2.35	6%	0
130.02	L-Lysine, Post-col OPA Der (%)	0098	0.7875	0.0290				1			0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs			
130.05	L-Lysine, Pre-col AQC Der (%)	2188	0.6678	0.0076	0.7229	0.0599	0.0203	8	-0.92	4%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0682	0.6720	0.0000	0.7229	0.0599	0.0203	8	-0.85	4%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0870	0.6940	0.0400	0.7229	0.0599	0.0203	8	-0.48	2%	0
130.05	L-Lysine, Pre-col AQC Der (%)	2196	0.6970	0.0000	0.7229	0.0599	0.0203	8	-0.43	2%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0676	0.7100	0.0000	0.7229	0.0599	0.0203	8	-0.21	1%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0148	0.7420	0.0020	0.7229	0.0599	0.0203	8	0.32	1%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0407	0.8000	0.0120	0.7229	0.0599	0.0203	8	1.29	5%	0
130.05	L-Lysine, Pre-col AQC Der (%)	2319	0.8000	0.0400	0.7229	0.0599	0.0203	8	1.29	5%	0
130.99	L-Lysine, Miscellaneous (%)	2146	0.6900	0.0000				2			0
130.99	L-Lysine, Miscellaneous (%)	0227	0.7300	0.0000				2			0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0939	0.2400	0.0000	0.2612	0.0110	0.0063	15	-1.92	4%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	2115	0.2500	0.0000	0.2612	0.0110	0.0063	15	-1.01	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0354	0.2525	0.0070	0.2612	0.0110	0.0063	15	-0.79	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	2022	0.2550	0.0100	0.2612	0.0110	0.0063	15	-0.56	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0675	0.2555	0.0010	0.2612	0.0110	0.0063	15	-0.51	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0226	0.2568	0.0041	0.2612	0.0110	0.0063	15	-0.40	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0512	0.2569	0.0106	0.2612	0.0110	0.0063	15	-0.39	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0941	0.2580	0.0000	0.2612	0.0110	0.0063	15	-0.29	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0872	0.2595	0.0030	0.2612	0.0110	0.0063	15	-0.15	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0571	0.2650	0.0040	0.2612	0.0110	0.0063	15	0.35	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0353	0.2700	0.0200	0.2612	0.0110	0.0063	15	0.80	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0968	0.2700	0.0000	0.2612	0.0110	0.0063	15	0.80	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	2059	0.2715	0.0050	0.2612	0.0110	0.0063	15	0.94	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0644	0.2745	0.0010	0.2612	0.0110	0.0063	15	1.21	3%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0504	0.2850	0.0100	0.2612	0.0110	0.0063	15	2.16	5%	0
131.02	Methionine, PAO Post-col OPA Der (%)	0098	0.2600	0.0060				1			0
131.05	Methionine, PAO Pre-col AQC Der (%)	0870	0.2510	0.0100	0.2661	0.0087	0.0086	7	-1.74	3%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	0682	0.2620	0.0000	0.2661	0.0087	0.0086	7	-0.48	1%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	2196	0.2640	0.0000	0.2661	0.0087	0.0086	7	-0.25	0%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	2188	0.2662	0.0073	0.2661	0.0087	0.0086	7	0.00	0%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	0407	0.2681	0.0025	0.2661	0.0087	0.0086	7	0.22	0%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	0148	0.2705	0.0130	0.2661	0.0087	0.0086	7	0.50	1%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	2319	0.2850	0.0100	0.2661	0.0087	0.0086	7	2.16	4%	0
131.99	Methionine, Miscellaneous (%)	2146	0.2450	0.0100				2			0
131.99	Methionine, Miscellaneous (%)	0227	0.2750	0.0100				2			0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	2115	0.7450	0.0100	0.7809	0.0265	0.0104	13	-1.36	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0226	0.7488	0.0186	0.7809	0.0265	0.0104	13	-1.21	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0941	0.7650	0.0000	0.7809	0.0265	0.0104	13	-0.60	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	2022	0.7700	0.0000	0.7809	0.0265	0.0104	13	-0.41	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0675	0.7725	0.0050	0.7809	0.0265	0.0104	13	-0.32	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	2059	0.7735	0.0070	0.7809	0.0265	0.0104	13	-0.28	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0968	0.7750	0.0100	0.7809	0.0265	0.0104	13	-0.22	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs			
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0644	0.7835	0.0090	0.7809	0.0265	0.0104	13	0.10	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0872	0.7835	0.0010	0.7809	0.0265	0.0104	13	0.10	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0571	0.7910	0.0000	0.7809	0.0265	0.0104	13	0.38	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0353	0.8050	0.0100	0.7809	0.0265	0.0104	13	0.91	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0354	0.8185	0.0130	0.7809	0.0265	0.0104	13	1.42	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0939	0.8300	0.0200	0.7809	0.0265	0.0104	13	1.85	3%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0504	0.8300	0.0600	0.7809	0.0265	0.0104	13	1.85	3%	1
132.02	Phenylalanine, Post-col OPA Der (%)	0098	0.7745	0.0290				1			0
132.05	Phenylalanine, Pre-col AQC Der (%)	2188	0.6411	0.0124	0.7702	0.0897	0.0199	7	-1.44	8%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	2196	0.7100	0.0000	0.7702	0.0897	0.0199	7	-0.67	4%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	0870	0.7560	0.0200	0.7702	0.0897	0.0199	7	-0.16	1%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	0682	0.7590	0.0000	0.7702	0.0897	0.0199	7	-0.13	1%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	0407	0.8155	0.0070	0.7702	0.0897	0.0199	7	0.50	3%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	0676	0.8400	0.0400	0.7702	0.0897	0.0199	7	0.78	5%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	2319	0.8700	0.0000	0.7702	0.0897	0.0199	7	1.11	6%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	0148	0.7775	0.1290	0.7702	0.0897	0.0199	7	0.08	0%	1
132.99	Phenylalanine, Miscellaneous (%)	0227	0.7650	0.0100				2			0
132.99	Phenylalanine, Miscellaneous (%)	2146	0.7700	0.0200				2			0
133.00	Proline, Post-col Ninhydrin Der (%)	0353	0.9700	0.0000	1.060	0.0452	0.0132	13	-1.99	4%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0354	0.9920	0.0240	1.060	0.0452	0.0132	13	-1.50	3%	0
133.00	Proline, Post-col Ninhydrin Der (%)	2115	1.020	0.0200	1.060	0.0452	0.0132	13	-0.89	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0941	1.053	0.0000	1.060	0.0452	0.0132	13	-0.16	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0675	1.055	0.0100	1.060	0.0452	0.0132	13	-0.11	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0571	1.061	0.0080	1.060	0.0452	0.0132	13	0.02	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0226	1.062	0.0373	1.060	0.0452	0.0132	13	0.05	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0872	1.068	0.0050	1.060	0.0452	0.0132	13	0.16	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	2059	1.078	0.0160	1.060	0.0452	0.0132	13	0.40	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0968	1.080	0.0000	1.060	0.0452	0.0132	13	0.44	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	2022	1.085	0.0100	1.060	0.0452	0.0132	13	0.55	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0644	1.107	0.0020	1.060	0.0452	0.0132	13	1.04	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0504	1.155	0.0100	1.060	0.0452	0.0132	13	2.10	4%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0939	1.015	0.0700	1.060	0.0452	0.0132	13	-1.00	2%	1
133.05	Proline, Pre-col AQC Der (%)	0407	0.9815	0.0110	1.082	0.0733	0.0421	8	-1.37	5%	0
133.05	Proline, Pre-col AQC Der (%)	0682	1.035	0.0000	1.082	0.0733	0.0421	8	-0.64	2%	0
133.05	Proline, Pre-col AQC Der (%)	0870	1.051	0.0470	1.082	0.0733	0.0421	8	-0.43	1%	0
133.05	Proline, Pre-col AQC Der (%)	2196	1.057	0.0000	1.082	0.0733	0.0421	8	-0.34	1%	0
133.05	Proline, Pre-col AQC Der (%)	0676	1.095	0.0100	1.082	0.0733	0.0421	8	0.18	1%	0
133.05	Proline, Pre-col AQC Der (%)	0148	1.115	0.0900	1.082	0.0733	0.0421	8	0.45	2%	0
133.05	Proline, Pre-col AQC Der (%)	2188	1.131	0.0525	1.082	0.0733	0.0421	8	0.67	2%	0
133.05	Proline, Pre-col AQC Der (%)	2319	1.190	0.0000	1.082	0.0733	0.0421	8	1.48	5%	0
133.99	Proline, Miscellaneous (%)	0227	1.080	0.0200				2			0
133.99	Proline, Miscellaneous (%)	2146	1.130	0.0400				2			0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs			
134.00	Serine, Post-col Ninhydrin Der (%)	0504	0.7300	0.0200	0.7959	0.0169	0.0104	14	-3.90	4%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0353	0.7750	0.0100	0.7959	0.0169	0.0104	14	-1.24	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	2059	0.7795	0.0030	0.7959	0.0169	0.0104	14	-0.97	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	2115	0.7800	0.0000	0.7959	0.0169	0.0104	14	-0.94	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0354	0.7895	0.0030	0.7959	0.0169	0.0104	14	-0.38	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0968	0.7950	0.0100	0.7959	0.0169	0.0104	14	-0.05	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0571	0.7995	0.0230	0.7959	0.0169	0.0104	14	0.21	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0226	0.8027	0.0092	0.7959	0.0169	0.0104	14	0.40	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0872	0.8040	0.0060	0.7959	0.0169	0.0104	14	0.48	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0941	0.8040	0.0000	0.7959	0.0169	0.0104	14	0.48	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0675	0.8050	0.0100	0.7959	0.0169	0.0104	14	0.54	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	2022	0.8050	0.0100	0.7959	0.0169	0.0104	14	0.54	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0644	0.8115	0.0010	0.7959	0.0169	0.0104	14	0.92	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0939	0.8600	0.0200	0.7959	0.0169	0.0104	14	3.80	4%	0
134.02	Serine, Post-col OPA Der (%)	0098	0.7245	0.0050				1			0
134.05	Serine, Pre-col AQC Der (%)	2188	0.7240	0.0080	0.8053	0.0269	0.0298	7	-3.02	5%	0
134.05	Serine, Pre-col AQC Der (%)	0870	0.7990	0.0260	0.8053	0.0269	0.0298	7	-0.23	0%	0
134.05	Serine, Pre-col AQC Der (%)	2196	0.7990	0.0000	0.8053	0.0269	0.0298	7	-0.23	0%	0
134.05	Serine, Pre-col AQC Der (%)	0682	0.8000	0.0000	0.8053	0.0269	0.0298	7	-0.20	0%	0
134.05	Serine, Pre-col AQC Der (%)	0407	0.8085	0.0110	0.8053	0.0269	0.0298	7	0.12	0%	0
134.05	Serine, Pre-col AQC Der (%)	0148	0.8200	0.0840	0.8053	0.0269	0.0298	7	0.55	1%	0
134.05	Serine, Pre-col AQC Der (%)	2319	0.9100	0.0200	0.8053	0.0269	0.0298	7	3.89	7%	0
134.05	Serine, Pre-col AQC Der (%)	0676	1.560	0.2000	0.8053	0.0269	0.0298	7	28.06	47%	1
134.99	Serine, Miscellaneous (%)	2146	0.7750	0.0500				2			0
134.99	Serine, Miscellaneous (%)	0227	0.8150	0.0300				2			0
135.00	Threonine, Post-col Ninhydrin Der (%)	0226	0.5605	0.0140	0.5937	0.0171	0.0097	14	-1.94	3%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0353	0.5750	0.0100	0.5937	0.0171	0.0097	14	-1.10	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0939	0.5800	0.0000	0.5937	0.0171	0.0097	14	-0.80	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	2022	0.5800	0.0000	0.5937	0.0171	0.0097	14	-0.80	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	2059	0.5890	0.0000	0.5937	0.0171	0.0097	14	-0.28	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0675	0.5900	0.0000	0.5937	0.0171	0.0097	14	-0.22	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	2115	0.5900	0.0000	0.5937	0.0171	0.0097	14	-0.22	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0941	0.5920	0.0000	0.5937	0.0171	0.0097	14	-0.10	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0872	0.5990	0.0020	0.5937	0.0171	0.0097	14	0.31	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0354	0.6045	0.0090	0.5937	0.0171	0.0097	14	0.63	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0644	0.6050	0.0000	0.5937	0.0171	0.0097	14	0.66	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0571	0.6055	0.0030	0.5937	0.0171	0.0097	14	0.69	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0968	0.6150	0.0100	0.5937	0.0171	0.0097	14	1.24	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0504	0.6300	0.0200	0.5937	0.0171	0.0097	14	2.12	3%	0
135.02	Threonine, Post-col OPA Der (%)	0098	0.5445	0.0030				1			0
135.05	Threonine, Pre-col AQC Der (%)	2188	0.5842	0.0131	0.6014	0.0206	0.0120	7	-0.84	1%	0
135.05	Threonine, Pre-col AQC Der (%)	2196	0.5850	0.0000	0.6014	0.0206	0.0120	7	-0.80	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs			
135.05	Threonine, Pre-col AQC Der (%)	0682	0.5880	0.0000	0.6014	0.0206	0.0120	7	-0.65	1%	0
135.05	Threonine, Pre-col AQC Der (%)	0676	0.6000	0.0000	0.6014	0.0206	0.0120	7	-0.07	0%	0
135.05	Threonine, Pre-col AQC Der (%)	0870	0.6025	0.0190	0.6014	0.0206	0.0120	7	0.05	0%	0
135.05	Threonine, Pre-col AQC Der (%)	0407	0.6180	0.0060	0.6014	0.0206	0.0120	7	0.80	1%	0
135.05	Threonine, Pre-col AQC Der (%)	2319	0.6550	0.0100	0.6014	0.0206	0.0120	7	2.60	4%	0
135.05	Threonine, Pre-col AQC Der (%)	0148	0.6100	0.0640	0.6014	0.0206	0.0120	7	0.42	1%	1
135.99	Threonine, Miscellaneous (%)	2146	0.5700	0.0200				2			0
135.99	Threonine, Miscellaneous (%)	0227	0.6100	0.0000				2			0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0941	0.2002	0.0003				3			0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0682	0.2040	0.0000				3			0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0227	0.2850	0.0100				3			0
136.01	Tryptophan, Alka-Hydrol Rev Phase LC UV (%)	0968	0.2150	0.0100				2			0
136.01	Tryptophan, Alka-Hydrol Rev Phase LC UV (%)	0644	0.2255	0.0050				2			0
136.02	Tryptophan, Alka-Hydrol Post-col OPA De (%)	0098	0.2194	0.0004				1			0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0939	0.2200	0.0000	0.2472	0.0268	0.0041	7	-1.02	6%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	2059	0.2265	0.0030	0.2472	0.0268	0.0041	7	-0.78	4%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	2114	0.2316	0.0020	0.2472	0.0268	0.0041	7	-0.58	3%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0226	0.2446	0.0034	0.2472	0.0268	0.0041	7	-0.10	1%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0872	0.2550	0.0020	0.2472	0.0268	0.0041	7	0.29	2%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	2196	0.2680	0.0000	0.2472	0.0268	0.0041	7	0.78	4%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0353	0.2850	0.0100	0.2472	0.0268	0.0041	7	1.41	8%	0
136.05	Tryptophan, Pre-col AQC Der (%)	0870	0.2115	0.0130				3			0
136.05	Tryptophan, Pre-col AQC Der (%)	0407	0.2295	0.0030				3			0
136.05	Tryptophan, Pre-col AQC Der (%)	2319	0.2300	0.0000				3			0
136.99	Tryptophan, Miscellaneous (%)	0504	0.1600	0.0200				2			0
136.99	Tryptophan, Miscellaneous (%)	0682	0.2040	0.0000				2			0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0968	0.4800	0.0200	0.5362	0.0386	0.0139	12	-1.46	5%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	2115	0.4950	0.0100	0.5362	0.0386	0.0139	12	-1.07	4%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0675	0.5075	0.0050	0.5362	0.0386	0.0139	12	-0.74	3%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0226	0.5117	0.0041	0.5362	0.0386	0.0139	12	-0.64	2%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0354	0.5285	0.0190	0.5362	0.0386	0.0139	12	-0.20	1%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0941	0.5320	0.0000	0.5362	0.0386	0.0139	12	-0.11	0%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0504	0.5400	0.0400	0.5362	0.0386	0.0139	12	0.10	0%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0644	0.5515	0.0030	0.5362	0.0386	0.0139	12	0.40	1%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0872	0.5535	0.0050	0.5362	0.0386	0.0139	12	0.45	2%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	2059	0.5600	0.0040	0.5362	0.0386	0.0139	12	0.62	2%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0939	0.5850	0.0300	0.5362	0.0386	0.0139	12	1.26	5%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0353	0.5900	0.0200	0.5362	0.0386	0.0139	12	1.39	5%	0
137.02	Tyrosine, Post-col OPA Der (%)	0098	0.4685	0.0030				1			0
137.05	Tyrosine, Pre-col AQC Der (%)	0148	0.4500	0.0180	0.5435	0.0830	0.0215	8	-1.13	9%	0
137.05	Tyrosine, Pre-col AQC Der (%)	0682	0.4810	0.0000	0.5435	0.0830	0.0215	8	-0.75	6%	0
137.05	Tyrosine, Pre-col AQC Der (%)	0870	0.4820	0.0340	0.5435	0.0830	0.0215	8	-0.74	6%	0

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			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs			
137.05	Tyrosine, Pre-col AQC Der (%)	0407	0.5285	0.0050	0.5435	0.0830	0.0215	8	-0.18	1%	0
137.05	Tyrosine, Pre-col AQC Der (%)	2196	0.5320	0.0000	0.5435	0.0830	0.0215	8	-0.14	1%	0
137.05	Tyrosine, Pre-col AQC Der (%)	0676	0.6000	0.0200	0.5435	0.0830	0.0215	8	0.68	5%	0
137.05	Tyrosine, Pre-col AQC Der (%)	2319	0.6350	0.0100	0.5435	0.0830	0.0215	8	1.10	8%	0
137.05	Tyrosine, Pre-col AQC Der (%)	2188	0.6393	0.0418	0.5435	0.0830	0.0215	8	1.15	9%	0
137.99	Tyrosine, Miscellaneous (%)	0227	0.4600	0.0400				2			0
137.99	Tyrosine, Miscellaneous (%)	2146	0.4750	0.0300				2			0
138.00	Valine, Post-col Ninhydrin Der (%)	0353	0.7500	0.0000	0.7906	0.0274	0.0095	14	-1.48	3%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0941	0.7620	0.0000	0.7906	0.0274	0.0095	14	-1.04	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0354	0.7690	0.0000	0.7906	0.0274	0.0095	14	-0.79	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	2115	0.7750	0.0100	0.7906	0.0274	0.0095	14	-0.57	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0872	0.7780	0.0040	0.7906	0.0274	0.0095	14	-0.46	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0968	0.7800	0.0000	0.7906	0.0274	0.0095	14	-0.39	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0675	0.7830	0.0140	0.7906	0.0274	0.0095	14	-0.28	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	2022	0.7850	0.0100	0.7906	0.0274	0.0095	14	-0.20	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0644	0.8020	0.0060	0.7906	0.0274	0.0095	14	0.42	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0226	0.8059	0.0148	0.7906	0.0274	0.0095	14	0.56	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	2059	0.8070	0.0060	0.7906	0.0274	0.0095	14	0.60	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0939	0.8150	0.0100	0.7906	0.0274	0.0095	14	0.89	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0571	0.8245	0.0110	0.7906	0.0274	0.0095	14	1.24	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0504	0.8800	0.0000	0.7906	0.0274	0.0095	14	3.26	6%	0
138.02	Valine, Post-col OPA Der (%)	0098	0.8360	0.0200				1			0
138.05	Valine, Pre-col AQC Der (%)	2188	0.6301	0.0596	0.7717	0.0704	0.0293	8	-2.01	9%	0
138.05	Valine, Pre-col AQC Der (%)	2319	0.7000	0.0000	0.7717	0.0704	0.0293	8	-1.02	5%	0
138.05	Valine, Pre-col AQC Der (%)	2196	0.7590	0.0000	0.7717	0.0704	0.0293	8	-0.18	1%	0
138.05	Valine, Pre-col AQC Der (%)	0682	0.7770	0.0000	0.7717	0.0704	0.0293	8	0.08	0%	0
138.05	Valine, Pre-col AQC Der (%)	0870	0.7835	0.0050	0.7717	0.0704	0.0293	8	0.17	1%	0
138.05	Valine, Pre-col AQC Der (%)	0407	0.8200	0.0120	0.7717	0.0704	0.0293	8	0.69	3%	0
138.05	Valine, Pre-col AQC Der (%)	0148	0.8230	0.0600	0.7717	0.0704	0.0293	8	0.73	3%	0
138.05	Valine, Pre-col AQC Der (%)	0676	0.8450	0.0100	0.7717	0.0704	0.0293	8	1.04	5%	0
138.99	Valine, Miscellaneous (%)	2146	0.7500	0.0200				2			0
138.99	Valine, Miscellaneous (%)	0227	0.8100	0.0000				2			0
139.00	Taurine, Post-col Ninhydrin Der (%)	2115	0.0800	0.0000				2			0
139.00	Taurine, Post-col Ninhydrin Der (%)	0504	0.1800	0.0000				2			0
139.02	Taurine, Post-col OPA Der (%)	0098	< 0.01					0			5
139.05	Taurine, Pre-col AQC Der (%)	0407	0.0825	0.0010				1			0
139.05	Taurine, Pre-col AQC Der (%)	0682	< 0.05					1			5
139.99	Taurine, Miscellaneous (%)	0227	< 0.01					0			5
160.10	Fructose, HPAEC PAD (%)	0297	0.1550	0.0500				2			0
160.10	Fructose, HPAEC PAD (%)	0353	0.2750	0.0500				2			0
160.99	Fructose, Miscellaneous (%)	0227	0.3400	0.1000				1			0
161.10	Galactose, HPAEC PAD (%)	0353	0.1300	0.0000				1			0

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			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs			
161.10	Galactose, HPAEC PAD (%)	0297	0.0000	0.0000				1			4
162.10	Glucose, HPAEC PAD (%)	0297	0.2450	0.0100				2			0
162.10	Glucose, HPAEC PAD (%)	0353	0.3550	0.0300				2			0
162.99	Glucose, Miscellaneous (%)	0227	0.5250	0.0900				1			0
163.10	Lactose, HPAEC PAD (%)	0353	0.0300	0.0200				1			0
163.10	Lactose, HPAEC PAD (%)	0297	0.0000	0.0000				1			4
163.99	Lactose, Miscellaneous (%)	0227	< 0.15					0			5
164.10	Maltose, HPAEC PAD (%)	0297	0.2900	0.1000				2			0
164.10	Maltose, HPAEC PAD (%)	0353	0.3000	0.0000				2			0
164.99	Maltose, Miscellaneous (%)	0227	< 0.15					0			5
165.10	Sucrose, HPAEC PAD (%)	0297	1.740	0.0400				2			0
165.10	Sucrose, HPAEC PAD (%)	0353	2.170	0.2000				2			0
165.99	Sucrose, Miscellaneous (%)	0227	1.510	0.1400				1			0
166.10	Raffinose, HPAEC PAD (%)	0297	0.8300	0.2200				2			0
166.10	Raffinose, HPAEC PAD (%)	0353	0.9700	0.0200				2			0
166.99	Raffinose, Miscellaneous (%)	0227	0.5450	0.0700				1			0
167.10	Stachyose, HPAEC PAD (%)	0297	0.8750	0.0900				2			0
167.10	Stachyose, HPAEC PAD (%)	0353	0.8750	0.0300				2			0
167.99	Stachyose, Miscellaneous (%)	0227	0.8850	0.0500				1			0
354.04	Decoquinatate, LC-MS/MS (ppm)	0610	0.6850	0.0100				2			0
354.04	Decoquinatate, LC-MS/MS (ppm)	2113	2.300	0.2400				2			0
365.00	Monensin, Plate (ppm)	0027	34.73	0.8900				1			0
365.02	Monensin, LC (ppm)	0610	35.90	0.2000				3			0
365.02	Monensin, LC (ppm)	0668	36.60	0.8000				3			0
365.02	Monensin, LC (ppm)	0047	54.91	5.430				3			0
365.03	Monensin, LC-PCD (ppm)	0964	31.55	2.500	36.39	3.562	0.9902	10	-1.36	7%	0
365.03	Monensin, LC-PCD (ppm)	0590	32.90	0.8000	36.39	3.562	0.9902	10	-0.98	5%	0
365.03	Monensin, LC-PCD (ppm)	0010	33.95	1.300	36.39	3.562	0.9902	10	-0.69	3%	0
365.03	Monensin, LC-PCD (ppm)	0218	35.40	1.200	36.39	3.562	0.9902	10	-0.28	1%	0
365.03	Monensin, LC-PCD (ppm)	0148	35.58	0.7370	36.39	3.562	0.9902	10	-0.23	1%	0
365.03	Monensin, LC-PCD (ppm)	0035	36.80	0.0500	36.39	3.562	0.9902	10	0.11	1%	0
365.03	Monensin, LC-PCD (ppm)	0006	37.75	0.1000	36.39	3.562	0.9902	10	0.38	2%	0
365.03	Monensin, LC-PCD (ppm)	0033	38.95	1.900	36.39	3.562	0.9902	10	0.72	4%	0
365.03	Monensin, LC-PCD (ppm)	0036	39.30	1.400	36.39	3.562	0.9902	10	0.82	4%	0
365.03	Monensin, LC-PCD (ppm)	0171	43.15	0.1000	36.39	3.562	0.9902	10	1.90	9%	0
365.04	Monensin, LC-MS (ppm)	0596	26.00	2.000				1			0
365.05	Monensin, LC-MS/MS (ppm)	2113	33.52	0.4800	38.16	4.981	2.080	13	-0.93	6%	0
365.05	Monensin, LC-MS/MS (ppm)	0028	34.80	2.110	38.16	4.981	2.080	13	-0.68	4%	0
365.05	Monensin, LC-MS/MS (ppm)	0038	35.05	1.300	38.16	4.981	2.080	13	-0.62	4%	0
365.05	Monensin, LC-MS/MS (ppm)	0016	35.15	0.9000	38.16	4.981	2.080	13	-0.60	4%	0
365.05	Monensin, LC-MS/MS (ppm)	0848	35.34	0.7100	38.16	4.981	2.080	13	-0.57	4%	0
365.05	Monensin, LC-MS/MS (ppm)	2443	35.47	1.140	38.16	4.981	2.080	13	-0.54	4%	0

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365.05	Monensin, LC-MS/MS (ppm)	0148	35.55	2.371	38.16	4.981	2.080	13	-0.52	3%	0
365.05	Monensin, LC-MS/MS (ppm)	0505	36.45	4.500	38.16	4.981	2.080	13	-0.34	2%	0
365.05	Monensin, LC-MS/MS (ppm)	0875	37.50	7.000	38.16	4.981	2.080	13	-0.13	1%	0
365.05	Monensin, LC-MS/MS (ppm)	0009	43.26	6.380	38.16	4.981	2.080	13	1.02	7%	0
365.05	Monensin, LC-MS/MS (ppm)	0610	43.75	1.500	38.16	4.981	2.080	13	1.12	7%	0
365.05	Monensin, LC-MS/MS (ppm)	0553	44.60	1.400	38.16	4.981	2.080	13	1.29	8%	0
365.05	Monensin, LC-MS/MS (ppm)	0968	45.80	1.219	38.16	4.981	2.080	13	1.53	10%	0
365.99	Monensin, Miscellaneous (ppm)	0668	35.35	0.8700				2			0
365.99	Monensin, Miscellaneous (ppm)	0512	37.20	0.2400				2			0
400.01	Water Activity, Aqualab chilled mirror (Units)	2386	0.3690	0.0600	0.4556	0.0322	0.0068	11	-2.69	10%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	0123	0.3900	0.0400	0.4556	0.0322	0.0068	11	-2.04	7%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	2174	0.4450	0.0100	0.4556	0.0322	0.0068	11	-0.33	1%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	0853	0.4538	0.0001	0.4556	0.0322	0.0068	11	-0.06	0%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	0942	0.4540	0.0060	0.4556	0.0322	0.0068	11	-0.05	0%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	2303	0.4590	0.0060	0.4556	0.0322	0.0068	11	0.10	0%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	0589	0.4630	0.0020	0.4556	0.0322	0.0068	11	0.23	1%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	2268	0.4655	0.0110	0.4556	0.0322	0.0068	11	0.31	1%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	0407	0.4699	0.0005	0.4556	0.0322	0.0068	11	0.44	2%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	2114	0.4895	0.0010	0.4556	0.0322	0.0068	11	1.05	4%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	2181	0.4976	0.0007	0.4556	0.0322	0.0068	11	1.30	5%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	2168	458.5	7.000	0.4556	0.0322	0.0068	11	>100	50265%	2
400.99	Water Activity, Miscellaneous (Units)	0148	0.4230	0.0080	0.5183	0.1115	0.0068	5			0
400.99	Water Activity, Miscellaneous (Units)	2387	0.4385	0.0150	0.5183	0.1115	0.0068	5			0
400.99	Water Activity, Miscellaneous (Units)	2388	0.4905	0.0010	0.5183	0.1115	0.0068	5			0
400.99	Water Activity, Miscellaneous (Units)	0676	0.5395	0.0030	0.5183	0.1115	0.0068	5			0
400.99	Water Activity, Miscellaneous (Units)	0852	0.7000	0.0000	0.5183	0.1115	0.0068	5			0
516.00	Arsenic, Total (As), AA, Hydride (ppm)	0045	0.0485	0.0070				1			0
516.43	Arsenic, Total (As), ICP, Microwave (ppm)	0682	< 20					0			5
516.52	Arsenic, Total (As), ICP-MS, Open vessel (ppm)	0096	0.0452	0.0140				1			0
516.52	Arsenic, Total (As), ICP-MS, Open vessel (ppm)	0186	< 0.05					1			5
516.53	Arsenic, Total (As), ICP-MS, Microwave (ppm)	0199	0.0300	0.0200	0.0389	0.0062	0.0095	4			0
516.53	Arsenic, Total (As), ICP-MS, Microwave (ppm)	0553	0.0396	0.0063	0.0389	0.0062	0.0095	4			0
516.53	Arsenic, Total (As), ICP-MS, Microwave (ppm)	0227	0.0420	0.0040	0.0389	0.0062	0.0095	4			0
516.53	Arsenic, Total (As), ICP-MS, Microwave (ppm)	0407	0.0440	0.0075	0.0389	0.0062	0.0095	4			0
518.41	Cadmium, ICP, Dry ash (ppm)	0407	0.0639	0.0027				1			0
518.43	Cadmium, ICP, Microwave (ppm)	0407	0.0826	0.0056				2			0
518.43	Cadmium, ICP, Microwave (ppm)	0682	0.2600	0.0000				2			0
518.52	Cadmium, ICP-MS, Open vessel (ppm)	0096	0.1151	0.0024				2			0
518.52	Cadmium, ICP-MS, Open vessel (ppm)	0186	0.1204	0.0142				2			0
518.53	Cadmium, ICP-MS, Microwave (ppm)	0199	0.1175	0.0010	0.1209	0.0028	0.0027	4			0
518.53	Cadmium, ICP-MS, Microwave (ppm)	0939	0.1200	0.0000	0.1209	0.0028	0.0027	4			0
518.53	Cadmium, ICP-MS, Microwave (ppm)	0553	0.1220	0.0020	0.1209	0.0028	0.0027	4			0

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518.53	Cadmium, ICP-MS, Microwave (ppm)	0407	0.1241	0.0051	0.1209	0.0028	0.0027	4			0
518.53	Cadmium, ICP-MS, Microwave (ppm)	0227	0.1270	0.0220	0.1209	0.0028	0.0027	4			1
520.41	Chromium, Total (Cr), ICP, Dry ash (ppm)	0407	1.330	0.0453				1			0
520.42	Chromium, Total (Cr), ICP, Open vessel (ppm)	0096	2.183	0.3826				2			0
520.42	Chromium, Total (Cr), ICP, Open vessel (ppm)	0045	2.615	0.0700				2			0
520.43	Chromium, Total (Cr), ICP, Microwave (ppm)	0407	1.644	0.0118	2.266	0.6596	0.0405	6	-0.94	14%	0
520.43	Chromium, Total (Cr), ICP, Microwave (ppm)	0964	1.835	0.0900	2.266	0.6596	0.0405	6	-0.65	10%	0
520.43	Chromium, Total (Cr), ICP, Microwave (ppm)	0968	1.860	0.0000	2.266	0.6596	0.0405	6	-0.62	9%	0
520.43	Chromium, Total (Cr), ICP, Microwave (ppm)	0510	2.405	0.0500	2.266	0.6596	0.0405	6	0.21	3%	0
520.43	Chromium, Total (Cr), ICP, Microwave (ppm)	2481	2.755	0.0100	2.266	0.6596	0.0405	6	0.74	11%	0
520.43	Chromium, Total (Cr), ICP, Microwave (ppm)	0682	3.100	0.0000	2.266	0.6596	0.0405	6	1.26	18%	0
520.43	Chromium, Total (Cr), ICP, Microwave (ppm)	0226	1.320	0.6000	2.266	0.6596	0.0405	6	-1.43	21%	1
520.43	Chromium, Total (Cr), ICP, Microwave (ppm)	0297	0.0000	0.0000	2.266	0.6596	0.0405	6			4
520.52	Chromium, Total (Cr), ICP-MS, Open vessel (ppm)	0186	0.8831	0.0710				2			0
520.52	Chromium, Total (Cr), ICP-MS, Open vessel (ppm)	0096	1.594	0.1807				2			0
520.53	Chromium, Total (Cr), ICP-MS, Microwave (ppm)	0199	0.7350	0.1700	1.852	0.6594	0.1284	5			0
520.53	Chromium, Total (Cr), ICP-MS, Microwave (ppm)	0227	1.840	0.3000	1.852	0.6594	0.1284	5			0
520.53	Chromium, Total (Cr), ICP-MS, Microwave (ppm)	0553	2.040	0.0600	1.852	0.6594	0.1284	5			0
520.53	Chromium, Total (Cr), ICP-MS, Microwave (ppm)	0407	2.239	0.0819	1.852	0.6594	0.1284	5			0
520.53	Chromium, Total (Cr), ICP-MS, Microwave (ppm)	0939	2.405	0.0300	1.852	0.6594	0.1284	5			0
526.41	Lead, ICP, Dry ash (ppm)	0407	0.0324	0.0022				1			0
526.43	Lead, ICP, Microwave (ppm)	0407	0.1327	0.0508				2			0
526.43	Lead, ICP, Microwave (ppm)	0682	1.250	0.0000				2			0
526.52	Lead, ICP-MS, Open vessel (ppm)	0096	0.0663	0.0006				2			0
526.52	Lead, ICP-MS, Open vessel (ppm)	0186	0.0703	0.0054				2			0
526.53	Lead, ICP-MS, Microwave (ppm)	0227	0.0660	0.0060	0.0688	0.0042	0.0116	4			0
526.53	Lead, ICP-MS, Microwave (ppm)	0553	0.0666	0.0022	0.0688	0.0042	0.0116	4			0
526.53	Lead, ICP-MS, Microwave (ppm)	0407	0.0677	0.0080	0.0688	0.0042	0.0116	4			0
526.53	Lead, ICP-MS, Microwave (ppm)	0199	0.0750	0.0300	0.0688	0.0042	0.0116	4			0
529.99	Mercury, Miscellaneous (ppb)	0407	0.6078	0.0134				2			0
529.99	Mercury, Miscellaneous (ppb)	0682	540.0	0.0000				2			0
529.99	Mercury, Miscellaneous (ppb)	0227	< 10					2			5
529.99	Mercury, Miscellaneous (ppb)	0199	< 50					2			5
539.41	Nickel, ICP, Dry ash (ppm)	0407	1.716	0.0503				1			0
539.43	Nickel, ICP, Microwave (ppm)	0407	1.508	0.0334	2.403	0.7633	0.0411	5			0
539.43	Nickel, ICP, Microwave (ppm)	0297	2.000	0.0000	2.403	0.7633	0.0411	5			0
539.43	Nickel, ICP, Microwave (ppm)	2481	2.335	0.0100	2.403	0.7633	0.0411	5			0
539.43	Nickel, ICP, Microwave (ppm)	0226	2.620	0.0800	2.403	0.7633	0.0411	5			0
539.43	Nickel, ICP, Microwave (ppm)	0682	3.550	0.0000	2.403	0.7633	0.0411	5			0
539.52	Nickel, ICP-MS, Open vessel (ppm)	0186	1.494	0.0177				2			0
539.52	Nickel, ICP-MS, Open vessel (ppm)	0096	1.686	0.2082				2			0
539.53	Nickel, ICP-MS, Microwave (ppm)	0553	1.990	0.0400				2			0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs			
539.53	Nickel, ICP-MS, Microwave (ppm)	0407	2.251	0.0847				2			0
702.00	Butyric Acid (4:0), Miscellaneous GC (%)	0227	0.0005	0.0010				0			4
704.00	Caproic Acid (6:0) , Miscellaneous GC (%)	0227	0.0000	0.0000				0			4
706.99	Caprylic acid (8:0), Miscellaneous (%) (w/w))	0227	0.0005	0.0010				0			4
708.99	Capric acid (10:0), Miscellaneous (%) (w/w))	0227	0.0005	0.0010				0			4
710.99	Lauric Acid (12:0), Miscellaneous (%) (w/w))	0676	0.0100	0.0000				1			0
710.99	Lauric Acid (12:0), Miscellaneous (%) (w/w))	0227	0.0005	0.0010				1			4
710.99	Lauric Acid (12:0), Miscellaneous (%) (w/w))	0226	< 0.005					1			5
714.99	Myristic Acid (14:0) , Miscellaneous (%) (w/w))	0226	0.0065	0.0001				3			0
714.99	Myristic Acid (14:0) , Miscellaneous (%) (w/w))	0227	0.0080	0.0000				3			0
714.99	Myristic Acid (14:0) , Miscellaneous (%) (w/w))	0676	0.0100	0.0000				3			0
716.99	Palmitic Acid (16:0), Miscellaneous (%) (w/w))	0226	0.6811	0.0038				3			0
716.99	Palmitic Acid (16:0), Miscellaneous (%) (w/w))	0227	0.7010	0.0660				3			0
716.99	Palmitic Acid (16:0), Miscellaneous (%) (w/w))	0676	0.7150	0.0100				3			0
718.99	Palmitoleic Acid (9c-16:1), Miscellaneous (%) (w/w))	0226	0.0085	0.0000				3			0
718.99	Palmitoleic Acid (9c-16:1), Miscellaneous (%) (w/w))	0227	0.0085	0.0010				3			0
718.99	Palmitoleic Acid (9c-16:1), Miscellaneous (%) (w/w))	0676	0.0100	0.0000				3			0
720.99	Margaric acid (17:0), Miscellaneous (%) (w/w))	0227	0.0080	0.0020				1			0
722.99	Stearic Acid (18:0), Miscellaneous (%) (w/w))	0676	0.0900	0.0000				3			0
722.99	Stearic Acid (18:0), Miscellaneous (%) (w/w))	0226	0.0919	0.0021				3			0
722.99	Stearic Acid (18:0), Miscellaneous (%) (w/w))	0227	0.0935	0.0110				3			0
724.99	Oleic Acid (9c-18:1), Miscellaneous (%) (w/w))	0227	0.7900	0.0620				3			0
724.99	Oleic Acid (9c-18:1), Miscellaneous (%) (w/w))	0226	0.8119	0.0059				3			0
724.99	Oleic Acid (9c-18:1), Miscellaneous (%) (w/w))	0676	0.8350	0.0100				3			0
726.99	Linoleic Acid (9c,12c-18:2), Miscellaneous (%) (w/w))	0227	2.197	0.1370				3			0
726.99	Linoleic Acid (9c,12c-18:2), Miscellaneous (%) (w/w))	0226	2.225	0.0016				3			0
726.99	Linoleic Acid (9c,12c-18:2), Miscellaneous (%) (w/w))	0676	2.385	0.0500				3			0
728.99	alpha-Linolenic Acid (9c,12c,15c-18:3), Miscellaneous (%) (w/w))	0227	0.1460	0.0100				3			0
728.99	alpha-Linolenic Acid (9c,12c,15c-18:3), Miscellaneous (%) (w/w))	0226	0.1524	0.0057				3			0
728.99	alpha-Linolenic Acid (9c,12c,15c-18:3), Miscellaneous (%) (w/w))	0676	0.1600	0.0000				3			0
730.99	Arachidic Acid (20:0), Miscellaneous (%) (w/w))	0676	0.0100	0.0000				3			0
730.99	Arachidic Acid (20:0), Miscellaneous (%) (w/w))	0226	0.0130	0.0001				3			0
730.99	Arachidic Acid (20:0), Miscellaneous (%) (w/w))	0227	0.0135	0.0030				3			0
732.99	Gondoic Acid (11c-20:1), Miscellaneous (%) (w/w))	0227	0.0170	0.0020				2			0
732.99	Gondoic Acid (11c-20:1), Miscellaneous (%) (w/w))	0226	0.0178	0.0002				2			0
736.99	Arachidonic Acid (5c,8c,11c,14c-20:4), Miscellaneous (%) (w/w))	0227	0.0000	0.0000				0			4
736.99	Arachidonic Acid (5c,8c,11c,14c-20:4), Miscellaneous (%) (w/w))	0676	0.0000	0.0000				0			4
740.99	Eicosapentaenoic Acid EPA (5c,8c,11c,14c,17c-20:5), Miscellaneous (%) (w/w))	0676	0.0400	0.0000				1			0
740.99	Eicosapentaenoic Acid EPA (5c,8c,11c,14c,17c-20:5), Miscellaneous (%) (w/w))	0227	0.0000	0.0000				1			4
740.99	Eicosapentaenoic Acid EPA (5c,8c,11c,14c,17c-20:5), Miscellaneous (%) (w/w))	0226	< 0.005					1			5
742.99	Behenic Acid (22:0), Miscellaneous (%) (w/w))	0226	0.0098	0.0002				2			0
742.99	Behenic Acid (22:0), Miscellaneous (%) (w/w))	0227	0.0130	0.0040				2			0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs			
744.99	Erucic Acid (13c-22:1), Miscellaneous (%) (w/w)	0227	0.0040	0.0000				1			0
744.99	Erucic Acid (13c-22:1), Miscellaneous (%) (w/w)	0226	< 0.005					1			5
746.99	Docosapentaenoic Acid n-3 DPA (7c,10c,13c,1	0227	0.0000	0.0000				0			4
746.99	Docosapentaenoic Acid n-3 DPA (7c,10c,13c,1	0676	0.0000	0.0000				0			4
746.99	Docosapentaenoic Acid n-3 DPA (7c,10c,13c,1	0226	< 0.005					0			5
748.99	Lignoceric Acid (24:0), Miscellaneous (%) (w/w)	0226	0.0119	0.0004				2			0
748.99	Lignoceric Acid (24:0), Miscellaneous (%) (w/w)	0227	0.0130	0.0020				2			0
750.99	Docosahexaenoic Acid DHA (4c,7c,10c,13c,16	0227	0.0000	0.0000				0			4
750.99	Docosahexaenoic Acid DHA (4c,7c,10c,13c,16	0676	0.0000	0.0000				0			4
750.99	Docosahexaenoic Acid DHA (4c,7c,10c,13c,16	0226	< 0.005					0			5
752.99	Nervonic Acid (24:1) isomers, Miscellaneous (%)	0227	0.0100	0.0000				1			0
752.99	Nervonic Acid (24:1) isomers, Miscellaneous (%)	0226	< 0.005					1			5
754.99	Total n-3 Polyunsaturated (Omega-3) Fatty Acids	0227	0.1470	0.0100				2			0
754.99	Total n-3 Polyunsaturated (Omega-3) Fatty Acids	0676	0.1950	0.0100				2			0
756.99	Total n-6 Polyunsaturated (Omega-6) Fatty Acids	0227	2.207	0.1370				2			0
756.99	Total n-6 Polyunsaturated (Omega-6) Fatty Acids	0676	2.385	0.0500				2			0
758.99	Total Saturated Fatty Acids, Miscellaneous (%)	0227	0.8580	0.0900				2			0
758.99	Total Saturated Fatty Acids, Miscellaneous (%)	0676	0.8900	0.0000				2			0
762.99	Total Monounsaturated Fatty Acids, Miscellaneous	0676	0.9100	0.0200				1			0
764.99	Total cis Monounsaturated Fatty Acids, Miscellaneous	0227	0.8870	0.0680				1			0
768.99	Total cis Polyunsaturated Fatty Acids, Miscellaneous	0227	2.362	0.1410				1			0
770.99	Total Fat (equivalent to NLEA), Miscellaneous (%)	0227	4.318	0.3110				1			0
772.99	Total Fatty Acids, Miscellaneous (%) (w/w)	0226	4.030	0.0011				2			0
772.99	Total Fatty Acids, Miscellaneous (%) (w/w)	0227	4.128	0.2980				2			0

Note 1: Interpreting Z Scores: Red indicates a normally distributed Z value >3 or <-3 (requires action), Orange = Z between 2 and 3 or between -2 and -3 (warning) and Green = Z <= 2 and >= -2 (OK at 95%).

Note 2: Data Not Used Flags: 1=Rejected for duplicates too far apart, 2=Rejected as extreme outlier, 5=Reporting limit (<), 4=Zeros submitted as values and 3=Statistical problem. Flag 0 indicates data used in calculations.

Note 3: *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). A zero range is not included in robust R-bar calculation.