



AAFCO
Association of American Feed Control Officials



Animal Feed Scheme

Dry Cat Food

Test Material Code # 202526

Method Proficiency Testing Report

Labs Reporting: 202

Methods Reported 343

Issue Date : 07/31/2025

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	4.795	0.0300	5.188	0.1773	0.0621	6	-2.22	4%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0407	5.131	0.0317	5.188	0.1773	0.0621	6	-0.32	1%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0504	5.190	0.2200	5.188	0.1773	0.0621	6	0.01	0%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	2122	5.235	0.0900	5.188	0.1773	0.0621	6	0.27	0%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0309	5.260	0.0600	5.188	0.1773	0.0621	6	0.41	1%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	2492	5.390	0.0200	5.188	0.1773	0.0621	6	1.14	2%	0
001.03	Loss on Drying, Low temp. methods (%)	2393	5.135	0.0500				3			0
001.03	Loss on Drying, Low temp. methods (%)	0843	5.145	0.0900				3			0
001.03	Loss on Drying, Low temp. methods (%)	0202	5.225	0.0700				3			0
001.05	Loss on Drying, LECO (%)	0644	5.305	0.0210				1			0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0353	4.755	0.0300	5.224	0.1523	0.0890	81	-3.08	4%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2492	4.880	0.0200	5.224	0.1523	0.0890	81	-2.26	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2424	4.925	0.3500	5.224	0.1523	0.0890	81	-1.96	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2442	4.925	0.0300	5.224	0.1523	0.0890	81	-1.96	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0596	4.945	0.0300	5.224	0.1523	0.0890	81	-1.83	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0148	4.950	0.2800	5.224	0.1523	0.0890	81	-1.80	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2452	4.970	0.0800	5.224	0.1523	0.0890	81	-1.67	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0297	5.010	0.3000	5.224	0.1523	0.0890	81	-1.40	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0142	5.020	0.0000	5.224	0.1523	0.0890	81	-1.34	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2416	5.020	0.1600	5.224	0.1523	0.0890	81	-1.34	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0066	5.035	0.1300	5.224	0.1523	0.0890	81	-1.24	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0571	5.035	0.1500	5.224	0.1523	0.0890	81	-1.24	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2426	5.045	0.0900	5.224	0.1523	0.0890	81	-1.17	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0675	5.065	0.0700	5.224	0.1523	0.0890	81	-1.04	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2422	5.085	0.0100	5.224	0.1523	0.0890	81	-0.91	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2009	5.100	0.0433	5.224	0.1523	0.0890	81	-0.81	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0872	5.105	0.0900	5.224	0.1523	0.0890	81	-0.78	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0278	5.115	0.0900	5.224	0.1523	0.0890	81	-0.72	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2438	5.115	0.0700	5.224	0.1523	0.0890	81	-0.72	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2417	5.125	0.2100	5.224	0.1523	0.0890	81	-0.65	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2420	5.130	0.0000	5.224	0.1523	0.0890	81	-0.62	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2495	5.140	0.0000	5.224	0.1523	0.0890	81	-0.55	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0843	5.145	0.0900	5.224	0.1523	0.0890	81	-0.52	1%	0

Test Material Code # 202526	Method Proficiency Testing Report	Issue Date : 07/31/2025
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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 (%)	2144	5.145	0.0300	5.224	0.1523	0.0890	81	-0.52	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0358	5.160	0.3200	5.224	0.1523	0.0890	81	-0.42	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2059	5.160	0.1600	5.224	0.1523	0.0890	81	-0.42	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2502	5.170	0.2000	5.224	0.1523	0.0890	81	-0.35	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2331	5.175	0.3100	5.224	0.1523	0.0890	81	-0.32	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2436	5.175	0.0900	5.224	0.1523	0.0890	81	-0.32	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2435	5.185	0.1300	5.224	0.1523	0.0890	81	-0.26	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2264	5.192	0.0046	5.224	0.1523	0.0890	81	-0.21	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2259	5.195	0.0660	5.224	0.1523	0.0890	81	-0.19	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0689	5.200	0.0000	5.224	0.1523	0.0890	81	-0.16	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0035	5.215	0.0900	5.224	0.1523	0.0890	81	-0.06	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2478	5.220	0.0400	5.224	0.1523	0.0890	81	-0.03	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0512	5.223	0.2750	5.224	0.1523	0.0890	81	-0.01	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0074	5.225	0.4900	5.224	0.1523	0.0890	81	0.01	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2396	5.225	0.1500	5.224	0.1523	0.0890	81	0.01	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0407	5.229	0.1361	5.224	0.1523	0.0890	81	0.03	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0083	5.230	0.0400	5.224	0.1523	0.0890	81	0.04	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2156	5.230	0.1600	5.224	0.1523	0.0890	81	0.04	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	1021	5.235	0.0300	5.224	0.1523	0.0890	81	0.07	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2429	5.235	0.1500	5.224	0.1523	0.0890	81	0.07	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2421	5.235	0.0900	5.224	0.1523	0.0890	81	0.07	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0098	5.240	0.1000	5.224	0.1523	0.0890	81	0.11	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0033	5.250	0.1000	5.224	0.1523	0.0890	81	0.17	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2293	5.250	0.1400	5.224	0.1523	0.0890	81	0.17	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2419	5.250	0.0400	5.224	0.1523	0.0890	81	0.17	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2146	5.255	0.0100	5.224	0.1523	0.0890	81	0.20	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0650	5.260	0.0200	5.224	0.1523	0.0890	81	0.24	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	1023	5.260	0.0000	5.224	0.1523	0.0890	81	0.24	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0226	5.280	0.1200	5.224	0.1523	0.0890	81	0.37	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0589	5.280	0.0400	5.224	0.1523	0.0890	81	0.37	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	1022	5.285	0.0500	5.224	0.1523	0.0890	81	0.40	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0139	5.290	0.0400	5.224	0.1523	0.0890	81	0.43	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2395	5.290	0.1800	5.224	0.1523	0.0890	81	0.43	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0853	5.300	0.0000	5.224	0.1523	0.0890	81	0.50	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2473	5.300	0.0800	5.224	0.1523	0.0890	81	0.50	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	1024	5.300	0.0400	5.224	0.1523	0.0890	81	0.50	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2192	5.315	0.0100	5.224	0.1523	0.0890	81	0.60	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0028	5.318	0.0720	5.224	0.1523	0.0890	81	0.62	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2398	5.320	0.0400	5.224	0.1523	0.0890	81	0.63	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	1020	5.325	0.0500	5.224	0.1523	0.0890	81	0.66	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2439	5.340	0.0600	5.224	0.1523	0.0890	81	0.76	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0581	5.345	0.0300	5.224	0.1523	0.0890	81	0.79	1%	0

Test Material Code # 202526			Method Proficiency Testing Report						Issue Date : 07/31/2025		
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
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0876	5.350	0.1000	5.224	0.1523	0.0890	81	0.83	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0505	5.355	0.0300	5.224	0.1523	0.0890	81	0.86	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2480	5.360	0.0400	5.224	0.1523	0.0890	81	0.89	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2418	5.369	0.0050	5.224	0.1523	0.0890	81	0.95	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0682	5.370	0.0000	5.224	0.1523	0.0890	81	0.96	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2441	5.380	0.0200	5.224	0.1523	0.0890	81	1.02	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2474	5.405	0.0300	5.224	0.1523	0.0890	81	1.19	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2408	5.405	0.0100	5.224	0.1523	0.0890	81	1.19	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2479	5.430	0.0600	5.224	0.1523	0.0890	81	1.35	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0089	5.435	0.0100	5.224	0.1523	0.0890	81	1.39	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0366	5.450	0.3000	5.224	0.1523	0.0890	81	1.48	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2477	5.465	0.0300	5.224	0.1523	0.0890	81	1.58	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2219	5.470	0.1200	5.224	0.1523	0.0890	81	1.62	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0045	5.750	0.1000	5.224	0.1523	0.0890	81	3.45	5%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0693	5.850	0.1000	5.224	0.1523	0.0890	81	4.11	6%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0049	10.50	0.4300	5.224	0.1523	0.0890	81	34.60	50%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2445	5.280	0.5600	5.224	0.1523	0.0890	81	0.37	1%	1
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0003	5.545	0.6300	5.224	0.1523	0.0890	81	2.11	3%	1
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2362	14.31	0.0047	5.224	0.1523	0.0890	81	59.62	87%	2
001.99	Loss on Drying, Miscellaneous (%)	0618	3.545	0.1900	5.044	0.6970	0.1251	19	-2.15	15%	0
001.99	Loss on Drying, Miscellaneous (%)	0019	4.223	0.1350	5.044	0.6970	0.1251	19	-1.18	8%	0
001.99	Loss on Drying, Miscellaneous (%)	2155	4.410	0.6400	5.044	0.6970	0.1251	19	-0.91	6%	0
001.99	Loss on Drying, Miscellaneous (%)	0914	4.560	0.0400	5.044	0.6970	0.1251	19	-0.69	5%	0
001.99	Loss on Drying, Miscellaneous (%)	0186	4.606	0.0060	5.044	0.6970	0.1251	19	-0.63	4%	0
001.99	Loss on Drying, Miscellaneous (%)	0676	4.670	0.0000	5.044	0.6970	0.1251	19	-0.54	4%	0
001.99	Loss on Drying, Miscellaneous (%)	0596	4.735	0.0100	5.044	0.6970	0.1251	19	-0.44	3%	0
001.99	Loss on Drying, Miscellaneous (%)	2319	4.750	0.1000	5.044	0.6970	0.1251	19	-0.42	3%	0
001.99	Loss on Drying, Miscellaneous (%)	0357	4.927	0.0060	5.044	0.6970	0.1251	19	-0.17	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0610	4.950	0.1400	5.044	0.6970	0.1251	19	-0.14	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0510	4.950	0.1000	5.044	0.6970	0.1251	19	-0.14	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0910	5.200	0.2000	5.044	0.6970	0.1251	19	0.22	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0720	5.255	0.0900	5.044	0.6970	0.1251	19	0.30	2%	0
001.99	Loss on Drying, Miscellaneous (%)	2392	5.285	0.3900	5.044	0.6970	0.1251	19	0.35	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0656	5.340	0.0000	5.044	0.6970	0.1251	19	0.42	3%	0
001.99	Loss on Drying, Miscellaneous (%)	0536	5.920	0.0200	5.044	0.6970	0.1251	19	1.26	9%	0
001.99	Loss on Drying, Miscellaneous (%)	2268	5.955	0.1500	5.044	0.6970	0.1251	19	1.31	9%	0
001.99	Loss on Drying, Miscellaneous (%)	2066	6.017	0.0080	5.044	0.6970	0.1251	19	1.40	10%	0
001.99	Loss on Drying, Miscellaneous (%)	0852	7.750	0.7000	5.044	0.6970	0.1251	19	3.88	27%	0
002.00	Protein, Crude, Crude (%)	0169	29.65	0.2800				2			0
002.00	Protein, Crude, Crude (%)	2397	30.15	0.0400				2			0
002.01	Protein, Crude, Auto Kjel-Foss (%)	2193	29.86	0.0800	30.39	0.2865	0.1553	12	-1.86	1%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	2442	30.04	0.2400	30.39	0.2865	0.1553	12	-1.23	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			
002.01	Protein, Crude, Auto Kjell-Foss (%)	0870	30.22	0.0600	30.39	0.2865	0.1553	12	-0.60	0%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	0968	30.22	0.0200	30.39	0.2865	0.1553	12	-0.60	0%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	2445	30.35	0.0200	30.39	0.2865	0.1553	12	-0.15	0%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	0685	30.41	0.4000	30.39	0.2865	0.1553	12	0.06	0%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	2196	30.45	0.0000	30.39	0.2865	0.1553	12	0.20	0%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	2259	30.46	0.0280	30.39	0.2865	0.1553	12	0.23	0%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	0656	30.48	0.0000	30.39	0.2865	0.1553	12	0.31	0%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	0910	30.60	0.0000	30.39	0.2865	0.1553	12	0.73	0%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	0610	30.70	0.4000	30.39	0.2865	0.1553	12	1.07	1%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	2373	30.82	0.1500	30.39	0.2865	0.1553	12	1.48	1%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	2489	30.45	0.7500	30.39	0.2865	0.1553	12	0.18	0%	1
002.01	Protein, Crude, Auto Kjell-Foss (%)	2457	6.789	0.0200	30.39	0.2865	0.1553	12	-82.37	39%	2
002.02	Protein, Crude, Semiauto Autoanalyzer (%)	0066	30.43	0.0900				1			0
002.04	Protein, Crude, Copper Catalyst (%)	0504	29.85	0.3700				3			0
002.04	Protein, Crude, Copper Catalyst (%)	2023	30.07	0.1100				3			0
002.04	Protein, Crude, Copper Catalyst (%)	2122	30.57	0.0400				3			0
002.05	Protein, Crude, Copper, Boric Acid (%)	0536	29.89	0.0200	30.32	0.2489	0.1244	15	-1.74	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0921	30.06	0.0000	30.32	0.2489	0.1244	15	-1.06	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2144	30.10	0.0600	30.32	0.2489	0.1244	15	-0.89	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2393	30.12	0.1400	30.32	0.2489	0.1244	15	-0.81	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2492	30.17	0.2200	30.32	0.2489	0.1244	15	-0.61	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0689	30.25	0.3000	30.32	0.2489	0.1244	15	-0.29	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0563	30.26	0.1149	30.32	0.2489	0.1244	15	-0.26	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2192	30.35	0.1700	30.32	0.2489	0.1244	15	0.09	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2006	30.37	0.0600	30.32	0.2489	0.1244	15	0.19	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2146	30.43	0.2200	30.32	0.2489	0.1244	15	0.43	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0643	30.46	0.2100	30.32	0.2489	0.1244	15	0.54	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0354	30.46	0.0000	30.32	0.2489	0.1244	15	0.55	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0939	30.51	0.0900	30.32	0.2489	0.1244	15	0.73	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2264	30.67	0.0280	30.32	0.2489	0.1244	15	1.38	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2181	30.82	0.0100	30.32	0.2489	0.1244	15	1.98	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0049	18.20	0.2000	30.74	0.2539	0.1969	152	-49.40	20%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	1019	29.31	0.3500	30.74	0.2539	0.1969	152	-5.66	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0226	29.66	0.0200	30.74	0.2539	0.1969	152	-4.26	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0042	29.80	1.000	30.74	0.2539	0.1969	152	-3.71	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0034	29.96	0.7700	30.74	0.2539	0.1969	152	-3.10	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0853	30.00	0.8000	30.74	0.2539	0.1969	152	-2.92	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0242	30.09	0.2400	30.74	0.2539	0.1969	152	-2.56	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0682	30.11	0.0000	30.74	0.2539	0.1969	152	-2.49	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0687	30.16	0.1000	30.74	0.2539	0.1969	152	-2.29	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2495	30.20	1.250	30.74	0.2539	0.1969	152	-2.15	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2416	30.22	0.0620	30.74	0.2539	0.1969	152	-2.04	1%	0

Test Material Code # 202526	Method Proficiency Testing Report	Issue Date : 07/31/2025
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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	0108	30.25	0.5000	30.74	0.2539	0.1969	152	-1.93	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0914	30.27	0.1000	30.74	0.2539	0.1969	152	-1.86	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0644	30.27	0.1630	30.74	0.2539	0.1969	152	-1.85	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2452	30.35	0.0360	30.74	0.2539	0.1969	152	-1.56	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0036	30.35	0.5330	30.74	0.2539	0.1969	152	-1.55	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0014	30.35	0.5000	30.74	0.2539	0.1969	152	-1.54	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2392	30.36	0.1780	30.74	0.2539	0.1969	152	-1.50	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0004	30.37	0.2100	30.74	0.2539	0.1969	152	-1.48	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0596	30.37	0.0100	30.74	0.2539	0.1969	152	-1.48	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2168	30.39	0.0600	30.74	0.2539	0.1969	152	-1.38	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0186	30.42	0.3300	30.74	0.2539	0.1969	152	-1.28	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2422	30.43	0.8420	30.74	0.2539	0.1969	152	-1.22	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0300	30.47	0.3600	30.74	0.2539	0.1969	152	-1.07	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0589	30.47	0.3600	30.74	0.2539	0.1969	152	-1.07	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0876	30.50	0.0000	30.74	0.2539	0.1969	152	-0.95	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2433	30.50	0.4000	30.74	0.2539	0.1969	152	-0.95	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2398	30.52	0.0400	30.74	0.2539	0.1969	152	-0.87	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0676	30.54	0.1500	30.74	0.2539	0.1969	152	-0.81	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2477	30.54	0.0800	30.74	0.2539	0.1969	152	-0.79	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	1023	30.55	0.0900	30.74	0.2539	0.1969	152	-0.77	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2489	30.55	0.0900	30.74	0.2539	0.1969	152	-0.77	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0208	30.55	0.1000	30.74	0.2539	0.1969	152	-0.75	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2388	30.55	0.1000	30.74	0.2539	0.1969	152	-0.75	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	1020	30.56	0.0400	30.74	0.2539	0.1969	152	-0.71	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0726	30.56	0.0600	30.74	0.2539	0.1969	152	-0.71	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2426	30.57	0.1700	30.74	0.2539	0.1969	152	-0.69	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0010	30.57	0.1430	30.74	0.2539	0.1969	152	-0.67	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0511	30.58	0.1600	30.74	0.2539	0.1969	152	-0.63	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0123	30.60	0.0100	30.74	0.2539	0.1969	152	-0.58	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2441	30.62	0.7500	30.74	0.2539	0.1969	152	-0.50	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	1022	30.64	0.0800	30.74	0.2539	0.1969	152	-0.40	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2478	30.65	0.4310	30.74	0.2539	0.1969	152	-0.35	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0139	30.66	0.1900	30.74	0.2539	0.1969	152	-0.34	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0541	30.66	0.1800	30.74	0.2539	0.1969	152	-0.32	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0028	30.67	0.0520	30.74	0.2539	0.1969	152	-0.30	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0539	30.67	0.0700	30.74	0.2539	0.1969	152	-0.30	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2417	30.67	0.1730	30.74	0.2539	0.1969	152	-0.29	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0939	30.67	0.1000	30.74	0.2539	0.1969	152	-0.28	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0354	30.68	0.0700	30.74	0.2539	0.1969	152	-0.26	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0870	30.68	0.0876	30.74	0.2539	0.1969	152	-0.26	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0001	30.69	0.0900	30.74	0.2539	0.1969	152	-0.22	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	1021	30.69	0.0300	30.74	0.2539	0.1969	152	-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			
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0100	30.69	0.1200	30.74	0.2539	0.1969	152	-0.20	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2459	30.70	0.0100	30.74	0.2539	0.1969	152	-0.18	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2491	30.70	0.3300	30.74	0.2539	0.1969	152	-0.18	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0098	30.70	0.4000	30.74	0.2539	0.1969	152	-0.16	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0366	30.70	0.4000	30.74	0.2539	0.1969	152	-0.16	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0510	30.70	0.0000	30.74	0.2539	0.1969	152	-0.16	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0297	30.70	0.2000	30.74	0.2539	0.1969	152	-0.16	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2319	30.70	0.2000	30.74	0.2539	0.1969	152	-0.16	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	1024	30.71	0.0500	30.74	0.2539	0.1969	152	-0.14	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2023	30.71	0.0200	30.74	0.2539	0.1969	152	-0.12	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0508	30.72	0.3160	30.74	0.2539	0.1969	152	-0.08	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2480	30.73	0.5000	30.74	0.2539	0.1969	152	-0.04	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2156	30.74	0.0200	30.74	0.2539	0.1969	152	0.00	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2420	30.74	0.2690	30.74	0.2539	0.1969	152	0.01	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0618	30.75	0.0100	30.74	0.2539	0.1969	152	0.02	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0144	30.75	0.1500	30.74	0.2539	0.1969	152	0.02	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0964	30.75	0.0300	30.74	0.2539	0.1969	152	0.02	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2424	30.75	0.0310	30.74	0.2539	0.1969	152	0.03	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0089	30.75	0.0000	30.74	0.2539	0.1969	152	0.03	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0554	30.75	0.0200	30.74	0.2539	0.1969	152	0.03	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0610	30.75	0.1000	30.74	0.2539	0.1969	152	0.03	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0693	30.75	0.1000	30.74	0.2539	0.1969	152	0.03	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0720	30.75	0.1000	30.74	0.2539	0.1969	152	0.03	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0357	30.75	0.0500	30.74	0.2539	0.1969	152	0.05	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2181	30.76	0.1500	30.74	0.2539	0.1969	152	0.05	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2184	30.76	0.3700	30.74	0.2539	0.1969	152	0.05	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0019	30.76	0.2050	30.74	0.2539	0.1969	152	0.06	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2293	30.76	0.1000	30.74	0.2539	0.1969	152	0.07	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2312	30.76	0.3600	30.74	0.2539	0.1969	152	0.07	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2395	30.77	0.4100	30.74	0.2539	0.1969	152	0.09	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2419	30.77	0.0900	30.74	0.2539	0.1969	152	0.09	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0018	30.78	0.4700	30.74	0.2539	0.1969	152	0.13	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0512	30.78	0.2900	30.74	0.2539	0.1969	152	0.13	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2435	30.78	0.0800	30.74	0.2539	0.1969	152	0.15	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2129	30.79	0.6790	30.74	0.2539	0.1969	152	0.19	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0968	30.79	0.1600	30.74	0.2539	0.1969	152	0.19	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2462	30.79	0.3200	30.74	0.2539	0.1969	152	0.19	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0953	30.80	0.6700	30.74	0.2539	0.1969	152	0.21	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2396	30.81	0.1100	30.74	0.2539	0.1969	152	0.25	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2331	30.81	0.3400	30.74	0.2539	0.1969	152	0.27	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0003	30.82	0.1300	30.74	0.2539	0.1969	152	0.29	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0309	30.82	0.6000	30.74	0.2539	0.1969	152	0.31	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	2418	30.82	0.2200	30.74	0.2539	0.1969	152	0.31	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2150	30.83	0.1100	30.74	0.2539	0.1969	152	0.33	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2438	30.83	0.0500	30.74	0.2539	0.1969	152	0.33	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2429	30.83	0.1200	30.74	0.2539	0.1969	152	0.35	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2474	30.83	0.0600	30.74	0.2539	0.1969	152	0.35	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0263	30.83	0.0730	30.74	0.2539	0.1969	152	0.36	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2362	30.84	0.2100	30.74	0.2539	0.1969	152	0.37	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0142	30.85	0.0100	30.74	0.2539	0.1969	152	0.41	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0504	30.85	0.5900	30.74	0.2539	0.1969	152	0.41	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0574	30.85	0.1100	30.74	0.2539	0.1969	152	0.41	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0278	30.85	0.3000	30.74	0.2539	0.1969	152	0.43	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0353	30.85	0.1000	30.74	0.2539	0.1969	152	0.43	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2268	30.85	1.420	30.74	0.2539	0.1969	152	0.43	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0171	30.86	0.1400	30.74	0.2539	0.1969	152	0.47	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0505	30.87	0.0500	30.74	0.2539	0.1969	152	0.49	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2408	30.88	0.1300	30.74	0.2539	0.1969	152	0.53	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2219	30.88	0.1800	30.74	0.2539	0.1969	152	0.55	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2436	30.89	0.1100	30.74	0.2539	0.1969	152	0.57	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0035	30.89	0.2800	30.74	0.2539	0.1969	152	0.59	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2439	30.89	0.0200	30.74	0.2539	0.1969	152	0.59	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0884	30.90	0.2000	30.74	0.2539	0.1969	152	0.63	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2349	30.90	0.2000	30.74	0.2539	0.1969	152	0.63	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2473	30.90	0.1000	30.74	0.2539	0.1969	152	0.63	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2326	30.91	0.1900	30.74	0.2539	0.1969	152	0.65	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0148	30.91	0.1820	30.74	0.2539	0.1969	152	0.68	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2463	30.93	0.0500	30.74	0.2539	0.1969	152	0.72	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0675	30.93	0.1700	30.74	0.2539	0.1969	152	0.72	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2486	30.93	0.0600	30.74	0.2539	0.1969	152	0.74	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2502	30.94	0.4300	30.74	0.2539	0.1969	152	0.76	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2490	30.94	0.0600	30.74	0.2539	0.1969	152	0.78	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0294	30.95	0.0700	30.74	0.2539	0.1969	152	0.80	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0017	30.95	0.1000	30.74	0.2539	0.1969	152	0.82	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2479	30.97	0.2400	30.74	0.2539	0.1969	152	0.90	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0229	31.00	0.4100	30.74	0.2539	0.1969	152	1.00	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0692	31.00	0.2000	30.74	0.2539	0.1969	152	1.02	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0848	31.00	0.0000	30.74	0.2539	0.1969	152	1.02	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0553	31.01	0.2100	30.74	0.2539	0.1969	152	1.04	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0656	31.01	0.0000	30.74	0.2539	0.1969	152	1.06	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0872	31.04	0.0070	30.74	0.2539	0.1969	152	1.17	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0190	31.05	0.0300	30.74	0.2539	0.1969	152	1.20	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0956	31.05	0.3000	30.74	0.2539	0.1969	152	1.22	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0083	31.06	0.1300	30.74	0.2539	0.1969	152	1.24	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	2421	31.06	0.2500	30.74	0.2539	0.1969	152	1.24	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0009	31.09	0.2600	30.74	0.2539	0.1969	152	1.37	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0358	31.09	0.2000	30.74	0.2539	0.1969	152	1.37	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0598	31.11	0.3000	30.74	0.2539	0.1969	152	1.45	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0407	31.14	0.1820	30.74	0.2539	0.1969	152	1.57	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0202	31.15	0.1000	30.74	0.2539	0.1969	152	1.61	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0571	31.15	0.2600	30.74	0.2539	0.1969	152	1.61	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0026	31.19	0.7610	30.74	0.2539	0.1969	152	1.78	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2302	31.30	0.1100	30.74	0.2539	0.1969	152	2.18	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0045	31.30	0.4000	30.74	0.2539	0.1969	152	2.20	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2076	31.31	0.5630	30.74	0.2539	0.1969	152	2.24	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2213	31.39	0.0800	30.74	0.2539	0.1969	152	2.56	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0843	31.45	1.180	30.74	0.2539	0.1969	152	2.79	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0650	32.01	0.7100	30.74	0.2539	0.1969	152	4.98	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0520	33.73	0.1188	30.74	0.2539	0.1969	152	11.79	5%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2155	1,551	3,043	30.74	0.2539	0.1969	152	>100	2472%	2
002.08	Protein, Crude, Cu/Ti (%)	0563	30.21	0.1535				2			0
002.08	Protein, Crude, Cu/Ti (%)	0098	30.35	0.0100				2			0
002.11	Protein, Crude, NIR (%)	0047	28.11	0.0400	29.56	1.400	0.1522	6	-1.04	2%	0
002.11	Protein, Crude, NIR (%)	0852	28.68	0.1400	29.56	1.400	0.1522	6	-0.63	1%	0
002.11	Protein, Crude, NIR (%)	0553	29.02	0.2100	29.56	1.400	0.1522	6	-0.39	1%	0
002.11	Protein, Crude, NIR (%)	0297	29.89	0.1500	29.56	1.400	0.1522	6	0.23	1%	0
002.11	Protein, Crude, NIR (%)	0720	30.09	0.2000	29.56	1.400	0.1522	6	0.38	1%	0
002.11	Protein, Crude, NIR (%)	0610	31.58	0.1500	29.56	1.400	0.1522	6	1.44	3%	0
002.99	Protein, Crude, Miscellaneous (%)	2066	30.75	0.1000				1			0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2457	5.865	0.0700	6.096	0.1572	0.0775	4			0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2397	6.130	0.1200	6.096	0.1572	0.0775	4			0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2192	6.190	0.0800	6.096	0.1572	0.0775	4			0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2442	6.200	0.0400	6.096	0.1572	0.0775	4			0
003.01	Fat, Crude, Diethyl Ether Ext (13th ed.), Indirec	0504	6.360	0.2200				2			0
003.01	Fat, Crude, Diethyl Ether Ext (13th ed.), Indirec	0563	6.564	0.0608				2			0
003.06	Fat, Crude, Pet Ether (%)	0297	5.865	0.1300	6.173	0.1647	0.1159	16	-1.87	2%	0
003.06	Fat, Crude, Pet Ether (%)	0169	5.930	0.2000	6.173	0.1647	0.1159	16	-1.47	2%	0
003.06	Fat, Crude, Pet Ether (%)	2392	6.000	0.2400	6.173	0.1647	0.1159	16	-1.05	1%	0
003.06	Fat, Crude, Pet Ether (%)	2250	6.085	0.0500	6.173	0.1647	0.1159	16	-0.53	1%	0
003.06	Fat, Crude, Pet Ether (%)	0687	6.130	0.0600	6.173	0.1647	0.1159	16	-0.26	0%	0
003.06	Fat, Crude, Pet Ether (%)	0294	6.140	0.1000	6.173	0.1647	0.1159	16	-0.20	0%	0
003.06	Fat, Crude, Pet Ether (%)	0939	6.145	0.0700	6.173	0.1647	0.1159	16	-0.17	0%	0
003.06	Fat, Crude, Pet Ether (%)	0682	6.160	0.0000	6.173	0.1647	0.1159	16	-0.08	0%	0
003.06	Fat, Crude, Pet Ether (%)	0884	6.200	0.2000	6.173	0.1647	0.1159	16	0.17	0%	0
003.06	Fat, Crude, Pet Ether (%)	0968	6.200	0.0000	6.173	0.1647	0.1159	16	0.17	0%	0
003.06	Fat, Crude, Pet Ether (%)	0910	6.205	0.3100	6.173	0.1647	0.1159	16	0.20	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			
003.06	Fat, Crude, Pet Ether (%)	2181	6.210	0.0200	6.173	0.1647	0.1159	16	0.23	0%	0
003.06	Fat, Crude, Pet Ether (%)	2492	6.245	0.0100	6.173	0.1647	0.1159	16	0.44	1%	0
003.06	Fat, Crude, Pet Ether (%)	0689	6.350	0.1000	6.173	0.1647	0.1159	16	1.08	1%	0
003.06	Fat, Crude, Pet Ether (%)	0675	6.500	0.0600	6.173	0.1647	0.1159	16	1.99	3%	0
003.06	Fat, Crude, Pet Ether (%)	0644	6.535	0.1320	6.173	0.1647	0.1159	16	2.20	3%	0
003.06	Fat, Crude, Pet Ether (%)	2489	8.760	0.2200	6.173	0.1647	0.1159	16	15.72	21%	2
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0353	5.805	0.0100	6.279	0.3412	0.0657	8	-1.39	4%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0964	6.050	0.0400	6.279	0.3412	0.0657	8	-0.67	2%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	2349	6.180	0.0400	6.279	0.3412	0.0657	8	-0.29	1%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0098	6.215	0.2300	6.279	0.3412	0.0657	8	-0.19	1%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0354	6.275	0.0300	6.279	0.3412	0.0657	8	-0.01	0%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0004	6.365	0.1300	6.279	0.3412	0.0657	8	0.25	1%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0685	6.550	0.1000	6.279	0.3412	0.0657	8	0.79	2%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	2480	9.415	0.0100	6.279	0.3412	0.0657	8	9.19	25%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2506	5.785	0.2700	6.123	0.1628	0.1165	25	-2.08	3%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2184	5.870	0.1200	6.123	0.1628	0.1165	25	-1.56	2%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0720	5.890	0.3200	6.123	0.1628	0.1165	25	-1.43	2%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0042	5.945	0.0700	6.123	0.1628	0.1165	25	-1.10	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0263	5.968	0.0110	6.123	0.1628	0.1165	25	-0.96	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2193	6.030	0.0800	6.123	0.1628	0.1165	25	-0.57	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2009	6.035	0.1312	6.123	0.1628	0.1165	25	-0.54	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0693	6.050	0.1000	6.123	0.1628	0.1165	25	-0.45	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2459	6.085	0.1100	6.123	0.1628	0.1165	25	-0.24	0%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0036	6.090	0.0205	6.123	0.1628	0.1165	25	-0.21	0%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0045	6.095	0.0100	6.123	0.1628	0.1165	25	-0.17	0%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0541	6.125	0.3100	6.123	0.1628	0.1165	25	0.01	0%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0870	6.129	0.1216	6.123	0.1628	0.1165	25	0.03	0%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0098	6.135	0.1100	6.123	0.1628	0.1165	25	0.07	0%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0689	6.150	0.1000	6.123	0.1628	0.1165	25	0.16	0%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0123	6.160	0.0200	6.123	0.1628	0.1165	25	0.22	0%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0366	6.200	0.4000	6.123	0.1628	0.1165	25	0.47	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0148	6.210	0.0000	6.123	0.1628	0.1165	25	0.53	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2196	6.220	0.0000	6.123	0.1628	0.1165	25	0.59	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0676	6.220	0.0200	6.123	0.1628	0.1165	25	0.59	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0242	6.225	0.0500	6.123	0.1628	0.1165	25	0.62	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0100	6.280	0.0400	6.123	0.1628	0.1165	25	0.96	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2319	6.350	0.1000	6.123	0.1628	0.1165	25	1.39	2%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0610	6.465	0.3700	6.123	0.1628	0.1165	25	2.10	3%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0618	6.920	0.1000	6.123	0.1628	0.1165	25	4.89	7%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0848	8.365	0.0500	6.123	0.1628	0.1165	25	13.77	18%	2
003.11	Fat, Crude, NIR (%)	0852	6.045	0.2300	8.083	1.638	0.0659	6	-1.24	13%	0
003.11	Fat, Crude, NIR (%)	0720	7.430	0.0200	8.083	1.638	0.0659	6	-0.40	4%	0

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003.11	Fat, Crude, NIR (%)	0047	7.525	0.0300	8.083	1.638	0.0659	6	-0.34	3%	0
003.11	Fat, Crude, NIR (%)	0297	8.305	0.0100	8.083	1.638	0.0659	6	0.14	1%	0
003.11	Fat, Crude, NIR (%)	0553	8.915	0.1100	8.083	1.638	0.0659	6	0.51	5%	0
003.11	Fat, Crude, NIR (%)	0610	10.28	0.0500	8.083	1.638	0.0659	6	1.34	14%	0
003.12	Fat, Crude, Hexane Ext (%)	0941	6.065	0.1900				3			0
003.12	Fat, Crude, Hexane Ext (%)	2326	6.220	0.0600				3			0
003.12	Fat, Crude, Hexane Ext (%)	0171	6.355	0.2100				3			0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	2373	6.000	0.1200				3			0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	0098	6.025	0.0100				3			0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	2006	6.690	0.1200				3			0
003.14	Fat, Crude, Ankom (%)	0049	3.790	0.7800	6.218	0.2572	0.1093	41	-9.44	20%	0
003.14	Fat, Crude, Ankom (%)	0574	5.400	0.0400	6.218	0.2572	0.1093	41	-3.18	7%	0
003.14	Fat, Crude, Ankom (%)	0144	5.615	0.7100	6.218	0.2572	0.1093	41	-2.35	5%	0
003.14	Fat, Crude, Ankom (%)	2445	5.745	0.2500	6.218	0.2572	0.1093	41	-1.84	4%	0
003.14	Fat, Crude, Ankom (%)	0108	5.850	0.1800	6.218	0.2572	0.1093	41	-1.43	3%	0
003.14	Fat, Crude, Ankom (%)	2023	5.965	0.0300	6.218	0.2572	0.1093	41	-0.99	2%	0
003.14	Fat, Crude, Ankom (%)	0089	5.975	0.0700	6.218	0.2572	0.1093	41	-0.95	2%	0
003.14	Fat, Crude, Ankom (%)	0066	6.030	0.0400	6.218	0.2572	0.1093	41	-0.73	2%	0
003.14	Fat, Crude, Ankom (%)	0682	6.030	0.0000	6.218	0.2572	0.1093	41	-0.73	2%	0
003.14	Fat, Crude, Ankom (%)	0019	6.075	0.1300	6.218	0.2572	0.1093	41	-0.56	1%	0
003.14	Fat, Crude, Ankom (%)	0202	6.095	0.0500	6.218	0.2572	0.1093	41	-0.48	1%	0
003.14	Fat, Crude, Ankom (%)	0300	6.110	0.1400	6.218	0.2572	0.1093	41	-0.42	1%	0
003.14	Fat, Crude, Ankom (%)	2076	6.126	0.0697	6.218	0.2572	0.1093	41	-0.36	1%	0
003.14	Fat, Crude, Ankom (%)	0171	6.140	0.0400	6.218	0.2572	0.1093	41	-0.31	1%	0
003.14	Fat, Crude, Ankom (%)	0598	6.145	0.0300	6.218	0.2572	0.1093	41	-0.29	1%	0
003.14	Fat, Crude, Ankom (%)	0968	6.150	0.0800	6.218	0.2572	0.1093	41	-0.27	1%	0
003.14	Fat, Crude, Ankom (%)	0520	6.155	0.0100	6.218	0.2572	0.1093	41	-0.25	1%	0
003.14	Fat, Crude, Ankom (%)	0148	6.170	0.0600	6.218	0.2572	0.1093	41	-0.19	0%	0
003.14	Fat, Crude, Ankom (%)	0009	6.180	0.0800	6.218	0.2572	0.1093	41	-0.15	0%	0
003.14	Fat, Crude, Ankom (%)	0004	6.185	0.1100	6.218	0.2572	0.1093	41	-0.13	0%	0
003.14	Fat, Crude, Ankom (%)	0083	6.185	0.0700	6.218	0.2572	0.1093	41	-0.13	0%	0
003.14	Fat, Crude, Ankom (%)	0876	6.200	0.0000	6.218	0.2572	0.1093	41	-0.07	0%	0
003.14	Fat, Crude, Ankom (%)	0956	6.200	0.0000	6.218	0.2572	0.1093	41	-0.07	0%	0
003.14	Fat, Crude, Ankom (%)	0186	6.245	0.0300	6.218	0.2572	0.1093	41	0.10	0%	0
003.14	Fat, Crude, Ankom (%)	0581	6.255	0.0100	6.218	0.2572	0.1093	41	0.14	0%	0
003.14	Fat, Crude, Ankom (%)	2144	6.310	0.0200	6.218	0.2572	0.1093	41	0.36	1%	0
003.14	Fat, Crude, Ankom (%)	0563	6.313	0.0352	6.218	0.2572	0.1093	41	0.37	1%	0
003.14	Fat, Crude, Ankom (%)	0407	6.325	0.0069	6.218	0.2572	0.1093	41	0.41	1%	0
003.14	Fat, Crude, Ankom (%)	2433	6.329	0.1547	6.218	0.2572	0.1093	41	0.43	1%	0
003.14	Fat, Crude, Ankom (%)	2302	6.330	0.2000	6.218	0.2572	0.1093	41	0.43	1%	0
003.14	Fat, Crude, Ankom (%)	0692	6.340	0.0400	6.218	0.2572	0.1093	41	0.47	1%	0
003.14	Fat, Crude, Ankom (%)	0675	6.370	0.0800	6.218	0.2572	0.1093	41	0.59	1%	0

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003.14	Fat, Crude, Ankom (%)	0726	6.425	0.0300	6.218	0.2572	0.1093	41	0.80	2%	0
003.14	Fat, Crude, Ankom (%)	0848	6.445	0.2300	6.218	0.2572	0.1093	41	0.88	2%	0
003.14	Fat, Crude, Ankom (%)	0357	6.510	0.2200	6.218	0.2572	0.1093	41	1.13	2%	0
003.14	Fat, Crude, Ankom (%)	0226	6.540	0.1800	6.218	0.2572	0.1093	41	1.25	3%	0
003.14	Fat, Crude, Ankom (%)	0853	6.550	0.1000	6.218	0.2572	0.1093	41	1.29	3%	0
003.14	Fat, Crude, Ankom (%)	2146	6.560	0.3600	6.218	0.2572	0.1093	41	1.33	3%	0
003.14	Fat, Crude, Ankom (%)	0358	6.625	0.2500	6.218	0.2572	0.1093	41	1.58	3%	0
003.14	Fat, Crude, Ankom (%)	0190	6.740	0.0600	6.218	0.2572	0.1093	41	2.03	4%	0
003.14	Fat, Crude, Ankom (%)	0278	6.750	0.3000	6.218	0.2572	0.1093	41	2.07	4%	0
003.14	Fat, Crude, Ankom (%)	0026	7.565	3.030	6.218	0.2572	0.1093	41	5.24	11%	1
003.99	Fat, Crude, Miscellaneous (%)	2393	5.990	0.1400	6.809	1.368	0.0633	4			0
003.99	Fat, Crude, Miscellaneous (%)	2066	6.070	0.0200	6.809	1.368	0.0633	4			0
003.99	Fat, Crude, Miscellaneous (%)	0536	6.325	0.0300	6.809	1.368	0.0633	4			0
003.99	Fat, Crude, Miscellaneous (%)	0656	8.850	0.0000	6.809	1.368	0.0633	4			0
003.99	Fat, Crude, Miscellaneous (%)	1019	10.32	0.3400	6.809	1.368	0.0633	4			1
004.00	Fiber, Crude, Asbestos Free (%)	0186	2.140	0.0800	2.914	0.6475	0.1614	12	-1.20	13%	0
004.00	Fiber, Crude, Asbestos Free (%)	2066	2.325	0.2100	2.914	0.6475	0.1614	12	-0.91	10%	0
004.00	Fiber, Crude, Asbestos Free (%)	0169	2.485	0.0500	2.914	0.6475	0.1614	12	-0.66	7%	0
004.00	Fiber, Crude, Asbestos Free (%)	2023	2.485	0.0100	2.914	0.6475	0.1614	12	-0.66	7%	0
004.00	Fiber, Crude, Asbestos Free (%)	0171	2.560	0.0800	2.914	0.6475	0.1614	12	-0.55	6%	0
004.00	Fiber, Crude, Asbestos Free (%)	2146	2.620	0.0400	2.914	0.6475	0.1614	12	-0.45	5%	0
004.00	Fiber, Crude, Asbestos Free (%)	0208	3.010	0.3400	2.914	0.6475	0.1614	12	0.15	2%	0
004.00	Fiber, Crude, Asbestos Free (%)	2312	3.100	0.2000	2.914	0.6475	0.1614	12	0.29	3%	0
004.00	Fiber, Crude, Asbestos Free (%)	0309	3.115	0.0348	2.914	0.6475	0.1614	12	0.31	3%	0
004.00	Fiber, Crude, Asbestos Free (%)	0017	3.500	0.4000	2.914	0.6475	0.1614	12	0.90	10%	0
004.00	Fiber, Crude, Asbestos Free (%)	2264	3.744	0.3082	2.914	0.6475	0.1614	12	1.28	14%	0
004.00	Fiber, Crude, Asbestos Free (%)	0884	5.300	0.2000	2.914	0.6475	0.1614	12	3.68	41%	0
004.03	Fiber, Crude, Fritted Glass (%)	0353	3.205	0.0700				2			0
004.03	Fiber, Crude, Fritted Glass (%)	2192	3.435	0.1900				2			0
004.06	Fiber, Crude, Fibertec (%)	2506	2.815	0.0100	3.289	0.4313	0.0952	14	-1.10	7%	0
004.06	Fiber, Crude, Fibertec (%)	0689	2.900	0.0000	3.289	0.4313	0.0952	14	-0.90	6%	0
004.06	Fiber, Crude, Fibertec (%)	0968	2.900	0.0000	3.289	0.4313	0.0952	14	-0.90	6%	0
004.06	Fiber, Crude, Fibertec (%)	2006	2.925	0.2700	3.289	0.4313	0.0952	14	-0.84	6%	0
004.06	Fiber, Crude, Fibertec (%)	0964	3.020	0.0600	3.289	0.4313	0.0952	14	-0.62	4%	0
004.06	Fiber, Crude, Fibertec (%)	0098	3.030	0.0200	3.289	0.4313	0.0952	14	-0.60	4%	0
004.06	Fiber, Crude, Fibertec (%)	2491	3.045	0.1300	3.289	0.4313	0.0952	14	-0.57	4%	0
004.06	Fiber, Crude, Fibertec (%)	2489	3.430	0.0200	3.289	0.4313	0.0952	14	0.33	2%	0
004.06	Fiber, Crude, Fibertec (%)	0685	3.500	0.1000	3.289	0.4313	0.0952	14	0.49	3%	0
004.06	Fiber, Crude, Fibertec (%)	0941	3.505	0.3500	3.289	0.4313	0.0952	14	0.50	3%	0
004.06	Fiber, Crude, Fibertec (%)	2349	3.550	0.1000	3.289	0.4313	0.0952	14	0.60	4%	0
004.06	Fiber, Crude, Fibertec (%)	0720	3.710	0.0000	3.289	0.4313	0.0952	14	0.98	6%	0
004.06	Fiber, Crude, Fibertec (%)	0610	3.785	0.0300	3.289	0.4313	0.0952	14	1.15	8%	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			
004.06	Fiber, Crude, Fibertec (%)	0676	4.050	0.1200	3.289	0.4313	0.0952	14	1.76	12%	0
004.07	Fiber, Crude, ANKOM (%)	0028	2.099	0.0440	3.009	0.4246	0.1469	70	-2.14	15%	0
004.07	Fiber, Crude, ANKOM (%)	0682	2.100	0.0000	3.009	0.4246	0.1469	70	-2.14	15%	0
004.07	Fiber, Crude, ANKOM (%)	0202	2.115	0.5500	3.009	0.4246	0.1469	70	-2.11	15%	0
004.07	Fiber, Crude, ANKOM (%)	0505	2.360	0.0400	3.009	0.4246	0.1469	70	-1.53	11%	0
004.07	Fiber, Crude, ANKOM (%)	0004	2.430	0.0600	3.009	0.4246	0.1469	70	-1.36	10%	0
004.07	Fiber, Crude, ANKOM (%)	0098	2.485	0.2300	3.009	0.4246	0.1469	70	-1.23	9%	0
004.07	Fiber, Crude, ANKOM (%)	0563	2.513	0.0366	3.009	0.4246	0.1469	70	-1.17	8%	0
004.07	Fiber, Crude, ANKOM (%)	0656	2.550	0.0000	3.009	0.4246	0.1469	70	-1.08	8%	0
004.07	Fiber, Crude, ANKOM (%)	0083	2.560	0.0400	3.009	0.4246	0.1469	70	-1.06	7%	0
004.07	Fiber, Crude, ANKOM (%)	0643	2.585	0.0350	3.009	0.4246	0.1469	70	-1.00	7%	0
004.07	Fiber, Crude, ANKOM (%)	2009	2.605	0.0391	3.009	0.4246	0.1469	70	-0.95	7%	0
004.07	Fiber, Crude, ANKOM (%)	2193	2.615	0.1500	3.009	0.4246	0.1469	70	-0.93	7%	0
004.07	Fiber, Crude, ANKOM (%)	0914	2.650	0.5000	3.009	0.4246	0.1469	70	-0.85	6%	0
004.07	Fiber, Crude, ANKOM (%)	0644	2.656	0.0030	3.009	0.4246	0.1469	70	-0.83	6%	0
004.07	Fiber, Crude, ANKOM (%)	0226	2.675	0.0900	3.009	0.4246	0.1469	70	-0.79	6%	0
004.07	Fiber, Crude, ANKOM (%)	0968	2.675	0.0700	3.009	0.4246	0.1469	70	-0.79	6%	0
004.07	Fiber, Crude, ANKOM (%)	2146	2.695	0.1500	3.009	0.4246	0.1469	70	-0.74	5%	0
004.07	Fiber, Crude, ANKOM (%)	0692	2.700	0.0000	3.009	0.4246	0.1469	70	-0.73	5%	0
004.07	Fiber, Crude, ANKOM (%)	2445	2.710	0.0400	3.009	0.4246	0.1469	70	-0.70	5%	0
004.07	Fiber, Crude, ANKOM (%)	0675	2.730	0.0800	3.009	0.4246	0.1469	70	-0.66	5%	0
004.07	Fiber, Crude, ANKOM (%)	0100	2.745	0.0300	3.009	0.4246	0.1469	70	-0.62	4%	0
004.07	Fiber, Crude, ANKOM (%)	0504	2.745	0.0900	3.009	0.4246	0.1469	70	-0.62	4%	0
004.07	Fiber, Crude, ANKOM (%)	0066	2.780	0.1200	3.009	0.4246	0.1469	70	-0.54	4%	0
004.07	Fiber, Crude, ANKOM (%)	0354	2.795	0.0100	3.009	0.4246	0.1469	70	-0.50	4%	0
004.07	Fiber, Crude, ANKOM (%)	2259	2.796	0.1750	3.009	0.4246	0.1469	70	-0.50	4%	0
004.07	Fiber, Crude, ANKOM (%)	0511	2.800	0.4000	3.009	0.4246	0.1469	70	-0.49	3%	0
004.07	Fiber, Crude, ANKOM (%)	2482	2.863	0.1490	3.009	0.4246	0.1469	70	-0.34	2%	0
004.07	Fiber, Crude, ANKOM (%)	0089	2.865	0.0100	3.009	0.4246	0.1469	70	-0.34	2%	0
004.07	Fiber, Crude, ANKOM (%)	0042	2.925	0.3300	3.009	0.4246	0.1469	70	-0.20	1%	0
004.07	Fiber, Crude, ANKOM (%)	0910	2.950	0.1000	3.009	0.4246	0.1469	70	-0.14	1%	0
004.07	Fiber, Crude, ANKOM (%)	0956	2.950	0.5000	3.009	0.4246	0.1469	70	-0.14	1%	0
004.07	Fiber, Crude, ANKOM (%)	2433	2.951	0.0305	3.009	0.4246	0.1469	70	-0.14	1%	0
004.07	Fiber, Crude, ANKOM (%)	0407	2.973	0.1592	3.009	0.4246	0.1469	70	-0.08	1%	0
004.07	Fiber, Crude, ANKOM (%)	0553	2.980	0.2000	3.009	0.4246	0.1469	70	-0.07	0%	0
004.07	Fiber, Crude, ANKOM (%)	0939	3.000	0.1200	3.009	0.4246	0.1469	70	-0.02	0%	0
004.07	Fiber, Crude, ANKOM (%)	0512	3.005	0.2630	3.009	0.4246	0.1469	70	-0.01	0%	0
004.07	Fiber, Crude, ANKOM (%)	2486	3.020	0.1200	3.009	0.4246	0.1469	70	0.03	0%	0
004.07	Fiber, Crude, ANKOM (%)	0034	3.030	0.1200	3.009	0.4246	0.1469	70	0.05	0%	0
004.07	Fiber, Crude, ANKOM (%)	2397	3.035	0.0300	3.009	0.4246	0.1469	70	0.06	0%	0
004.07	Fiber, Crude, ANKOM (%)	2490	3.065	0.0100	3.009	0.4246	0.1469	70	0.13	1%	0
004.07	Fiber, Crude, ANKOM (%)	0123	3.070	0.0600	3.009	0.4246	0.1469	70	0.14	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			
004.07	Fiber, Crude, ANKOM (%)	0263	3.093	0.0430	3.009	0.4246	0.1469	70	0.20	1%	0
004.07	Fiber, Crude, ANKOM (%)	0876	3.100	0.2000	3.009	0.4246	0.1469	70	0.21	2%	0
004.07	Fiber, Crude, ANKOM (%)	0848	3.110	0.2600	3.009	0.4246	0.1469	70	0.24	2%	0
004.07	Fiber, Crude, ANKOM (%)	0870	3.123	0.1707	3.009	0.4246	0.1469	70	0.27	2%	0
004.07	Fiber, Crude, ANKOM (%)	2196	3.150	0.0000	3.009	0.4246	0.1469	70	0.33	2%	0
004.07	Fiber, Crude, ANKOM (%)	0019	3.200	0.1900	3.009	0.4246	0.1469	70	0.45	3%	0
004.07	Fiber, Crude, ANKOM (%)	2326	3.200	0.0000	3.009	0.4246	0.1469	70	0.45	3%	0
004.07	Fiber, Crude, ANKOM (%)	0300	3.220	0.2000	3.009	0.4246	0.1469	70	0.50	4%	0
004.07	Fiber, Crude, ANKOM (%)	2181	3.225	0.1700	3.009	0.4246	0.1469	70	0.51	4%	0
004.07	Fiber, Crude, ANKOM (%)	2302	3.230	0.3400	3.009	0.4246	0.1469	70	0.52	4%	0
004.07	Fiber, Crude, ANKOM (%)	2393	3.255	0.3700	3.009	0.4246	0.1469	70	0.58	4%	0
004.07	Fiber, Crude, ANKOM (%)	0554	3.310	0.2000	3.009	0.4246	0.1469	70	0.71	5%	0
004.07	Fiber, Crude, ANKOM (%)	0003	3.340	0.1400	3.009	0.4246	0.1469	70	0.78	6%	0
004.07	Fiber, Crude, ANKOM (%)	0009	3.340	0.0800	3.009	0.4246	0.1469	70	0.78	6%	0
004.07	Fiber, Crude, ANKOM (%)	0190	3.350	0.1000	3.009	0.4246	0.1469	70	0.80	6%	0
004.07	Fiber, Crude, ANKOM (%)	0581	3.350	0.3600	3.009	0.4246	0.1469	70	0.80	6%	0
004.07	Fiber, Crude, ANKOM (%)	0148	3.360	0.2600	3.009	0.4246	0.1469	70	0.83	6%	0
004.07	Fiber, Crude, ANKOM (%)	0598	3.365	0.0300	3.009	0.4246	0.1469	70	0.84	6%	0
004.07	Fiber, Crude, ANKOM (%)	0536	3.520	0.0200	3.009	0.4246	0.1469	70	1.20	8%	0
004.07	Fiber, Crude, ANKOM (%)	0589	3.525	0.1100	3.009	0.4246	0.1469	70	1.22	9%	0
004.07	Fiber, Crude, ANKOM (%)	2457	3.535	0.1700	3.009	0.4246	0.1469	70	1.24	9%	0
004.07	Fiber, Crude, ANKOM (%)	2373	3.540	0.1000	3.009	0.4246	0.1469	70	1.25	9%	0
004.07	Fiber, Crude, ANKOM (%)	0366	3.650	0.3000	3.009	0.4246	0.1469	70	1.51	11%	0
004.07	Fiber, Crude, ANKOM (%)	0726	3.675	0.0300	3.009	0.4246	0.1469	70	1.57	11%	0
004.07	Fiber, Crude, ANKOM (%)	0510	3.700	0.0000	3.009	0.4246	0.1469	70	1.63	11%	0
004.07	Fiber, Crude, ANKOM (%)	0294	4.050	0.2600	3.009	0.4246	0.1469	70	2.45	17%	0
004.07	Fiber, Crude, ANKOM (%)	0693	5.200	0.2000	3.009	0.4246	0.1469	70	5.16	36%	0
004.07	Fiber, Crude, ANKOM (%)	0278	5.550	0.3000	3.009	0.4246	0.1469	70	5.98	42%	0
004.07	Fiber, Crude, ANKOM (%)	0520	5.615	0.4900	3.009	0.4246	0.1469	70	6.14	43%	0
004.07	Fiber, Crude, ANKOM (%)	0045	3.655	0.6700	3.009	0.4246	0.1469	70	1.52	11%	1
004.07	Fiber, Crude, ANKOM (%)	0074	9.520	0.1600	3.009	0.4246	0.1469	70	15.33	108%	2
004.11	Fiber, Crude, NIR (%)	0610	1.640	0.0800	3.676	1.914	0.0767	4			0
004.11	Fiber, Crude, NIR (%)	0047	2.680	0.0200	3.676	1.914	0.0767	4			0
004.11	Fiber, Crude, NIR (%)	0720	4.400	0.0000	3.676	1.914	0.0767	4			0
004.11	Fiber, Crude, NIR (%)	0553	5.985	0.1300	3.676	1.914	0.0767	4			0
004.99	Fiber, Crude, Miscellaneous (%)	2129	2.953	0.0485				2			0
004.99	Fiber, Crude, Miscellaneous (%)	2144	3.290	0.1000				2			0
005.00	Ash, 2h @ 600°C (%)	1019	5.395	0.3500	5.652	0.1019	0.0707	109	-2.52	2%	0
005.00	Ash, 2h @ 600°C (%)	2433	5.408	0.1530	5.652	0.1019	0.0707	109	-2.40	2%	0
005.00	Ash, 2h @ 600°C (%)	0574	5.445	0.0900	5.652	0.1019	0.0707	109	-2.03	2%	0
005.00	Ash, 2h @ 600°C (%)	0309	5.481	0.0533	5.652	0.1019	0.0707	109	-1.68	2%	0
005.00	Ash, 2h @ 600°C (%)	2184	5.490	0.0000	5.652	0.1019	0.0707	109	-1.59	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 (%)	0876	5.500	0.0000	5.652	0.1019	0.0707	109	-1.49	1%	0
005.00	Ash, 2h @ 600°C (%)	2477	5.505	0.2700	5.652	0.1019	0.0707	109	-1.45	1%	0
005.00	Ash, 2h @ 600°C (%)	0208	5.505	0.1300	5.652	0.1019	0.0707	109	-1.45	1%	0
005.00	Ash, 2h @ 600°C (%)	2459	5.515	0.0700	5.652	0.1019	0.0707	109	-1.35	1%	0
005.00	Ash, 2h @ 600°C (%)	0539	5.520	0.0400	5.652	0.1019	0.0707	109	-1.30	1%	0
005.00	Ash, 2h @ 600°C (%)	2408	5.520	0.3400	5.652	0.1019	0.0707	109	-1.30	1%	0
005.00	Ash, 2h @ 600°C (%)	2395	5.525	0.2500	5.652	0.1019	0.0707	109	-1.25	1%	0
005.00	Ash, 2h @ 600°C (%)	2396	5.525	0.2100	5.652	0.1019	0.0707	109	-1.25	1%	0
005.00	Ash, 2h @ 600°C (%)	0598	5.530	0.0200	5.652	0.1019	0.0707	109	-1.20	1%	0
005.00	Ash, 2h @ 600°C (%)	0186	5.538	0.0329	5.652	0.1019	0.0707	109	-1.12	1%	0
005.00	Ash, 2h @ 600°C (%)	2331	5.540	0.3200	5.652	0.1019	0.0707	109	-1.10	1%	0
005.00	Ash, 2h @ 600°C (%)	0142	5.545	0.0300	5.652	0.1019	0.0707	109	-1.05	1%	0
005.00	Ash, 2h @ 600°C (%)	2445	5.555	0.0100	5.652	0.1019	0.0707	109	-0.95	1%	0
005.00	Ash, 2h @ 600°C (%)	0297	5.560	0.0400	5.652	0.1019	0.0707	109	-0.91	1%	0
005.00	Ash, 2h @ 600°C (%)	0504	5.570	0.0400	5.652	0.1019	0.0707	109	-0.81	1%	0
005.00	Ash, 2h @ 600°C (%)	2259	5.571	0.0100	5.652	0.1019	0.0707	109	-0.80	1%	0
005.00	Ash, 2h @ 600°C (%)	0554	5.575	0.0700	5.652	0.1019	0.0707	109	-0.76	1%	0
005.00	Ash, 2h @ 600°C (%)	2150	5.575	0.3300	5.652	0.1019	0.0707	109	-0.76	1%	0
005.00	Ash, 2h @ 600°C (%)	0089	5.580	0.0000	5.652	0.1019	0.0707	109	-0.71	1%	0
005.00	Ash, 2h @ 600°C (%)	0953	5.580	0.0800	5.652	0.1019	0.0707	109	-0.71	1%	0
005.00	Ash, 2h @ 600°C (%)	2457	5.585	0.1500	5.652	0.1019	0.0707	109	-0.66	1%	0
005.00	Ash, 2h @ 600°C (%)	0848	5.590	0.0400	5.652	0.1019	0.0707	109	-0.61	1%	0
005.00	Ash, 2h @ 600°C (%)	2302	5.595	0.0100	5.652	0.1019	0.0707	109	-0.56	1%	0
005.00	Ash, 2h @ 600°C (%)	2506	5.595	0.0100	5.652	0.1019	0.0707	109	-0.56	1%	0
005.00	Ash, 2h @ 600°C (%)	2392	5.601	0.0010	5.652	0.1019	0.0707	109	-0.51	0%	0
005.00	Ash, 2h @ 600°C (%)	0083	5.605	0.1700	5.652	0.1019	0.0707	109	-0.46	0%	0
005.00	Ash, 2h @ 600°C (%)	0242	5.605	0.0500	5.652	0.1019	0.0707	109	-0.46	0%	0
005.00	Ash, 2h @ 600°C (%)	1022	5.610	0.1000	5.652	0.1019	0.0707	109	-0.42	0%	0
005.00	Ash, 2h @ 600°C (%)	0045	5.615	0.0300	5.652	0.1019	0.0707	109	-0.37	0%	0
005.00	Ash, 2h @ 600°C (%)	0144	5.615	0.0500	5.652	0.1019	0.0707	109	-0.37	0%	0
005.00	Ash, 2h @ 600°C (%)	0505	5.615	0.0100	5.652	0.1019	0.0707	109	-0.37	0%	0
005.00	Ash, 2h @ 600°C (%)	2181	5.615	0.0300	5.652	0.1019	0.0707	109	-0.37	0%	0
005.00	Ash, 2h @ 600°C (%)	2490	5.615	0.1100	5.652	0.1019	0.0707	109	-0.37	0%	0
005.00	Ash, 2h @ 600°C (%)	0870	5.618	0.2496	5.652	0.1019	0.0707	109	-0.34	0%	0
005.00	Ash, 2h @ 600°C (%)	0354	5.620	0.0200	5.652	0.1019	0.0707	109	-0.32	0%	0
005.00	Ash, 2h @ 600°C (%)	0682	5.620	0.0000	5.652	0.1019	0.0707	109	-0.32	0%	0
005.00	Ash, 2h @ 600°C (%)	2196	5.620	0.0000	5.652	0.1019	0.0707	109	-0.32	0%	0
005.00	Ash, 2h @ 600°C (%)	0100	5.625	0.0900	5.652	0.1019	0.0707	109	-0.27	0%	0
005.00	Ash, 2h @ 600°C (%)	0358	5.625	0.0500	5.652	0.1019	0.0707	109	-0.27	0%	0
005.00	Ash, 2h @ 600°C (%)	2122	5.625	0.0900	5.652	0.1019	0.0707	109	-0.27	0%	0
005.00	Ash, 2h @ 600°C (%)	2349	5.625	0.0100	5.652	0.1019	0.0707	109	-0.27	0%	0
005.00	Ash, 2h @ 600°C (%)	0353	5.635	0.0900	5.652	0.1019	0.0707	109	-0.17	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			
005.00	Ash, 2h @ 600°C (%)	2156	5.635	0.0300	5.652	0.1019	0.0707	109	-0.17	0%	0
005.00	Ash, 2h @ 600°C (%)	2293	5.635	0.0500	5.652	0.1019	0.0707	109	-0.17	0%	0
005.00	Ash, 2h @ 600°C (%)	0650	5.645	0.0700	5.652	0.1019	0.0707	109	-0.07	0%	0
005.00	Ash, 2h @ 600°C (%)	2398	5.645	0.0100	5.652	0.1019	0.0707	109	-0.07	0%	0
005.00	Ash, 2h @ 600°C (%)	2076	5.648	0.0748	5.652	0.1019	0.0707	109	-0.04	0%	0
005.00	Ash, 2h @ 600°C (%)	0693	5.650	0.3000	5.652	0.1019	0.0707	109	-0.02	0%	0
005.00	Ash, 2h @ 600°C (%)	0853	5.650	0.1000	5.652	0.1019	0.0707	109	-0.02	0%	0
005.00	Ash, 2h @ 600°C (%)	2326	5.650	0.0200	5.652	0.1019	0.0707	109	-0.02	0%	0
005.00	Ash, 2h @ 600°C (%)	2479	5.650	0.0000	5.652	0.1019	0.0707	109	-0.02	0%	0
005.00	Ash, 2h @ 600°C (%)	2006	5.655	0.1100	5.652	0.1019	0.0707	109	0.03	0%	0
005.00	Ash, 2h @ 600°C (%)	0169	5.660	0.1000	5.652	0.1019	0.0707	109	0.08	0%	0
005.00	Ash, 2h @ 600°C (%)	0520	5.660	0.0200	5.652	0.1019	0.0707	109	0.08	0%	0
005.00	Ash, 2h @ 600°C (%)	2474	5.660	0.0200	5.652	0.1019	0.0707	109	0.08	0%	0
005.00	Ash, 2h @ 600°C (%)	0004	5.665	0.0300	5.652	0.1019	0.0707	109	0.12	0%	0
005.00	Ash, 2h @ 600°C (%)	0139	5.665	0.0100	5.652	0.1019	0.0707	109	0.12	0%	0
005.00	Ash, 2h @ 600°C (%)	2219	5.665	0.0100	5.652	0.1019	0.0707	109	0.12	0%	0
005.00	Ash, 2h @ 600°C (%)	2312	5.665	0.0900	5.652	0.1019	0.0707	109	0.12	0%	0
005.00	Ash, 2h @ 600°C (%)	2441	5.665	0.0100	5.652	0.1019	0.0707	109	0.12	0%	0
005.00	Ash, 2h @ 600°C (%)	2442	5.665	0.0300	5.652	0.1019	0.0707	109	0.12	0%	0
005.00	Ash, 2h @ 600°C (%)	2480	5.665	0.0100	5.652	0.1019	0.0707	109	0.12	0%	0
005.00	Ash, 2h @ 600°C (%)	2491	5.665	0.1300	5.652	0.1019	0.0707	109	0.12	0%	0
005.00	Ash, 2h @ 600°C (%)	0042	5.670	0.0400	5.652	0.1019	0.0707	109	0.17	0%	0
005.00	Ash, 2h @ 600°C (%)	0171	5.670	0.0800	5.652	0.1019	0.0707	109	0.17	0%	0
005.00	Ash, 2h @ 600°C (%)	2495	5.670	0.0000	5.652	0.1019	0.0707	109	0.17	0%	0
005.00	Ash, 2h @ 600°C (%)	2362	5.675	0.0100	5.652	0.1019	0.0707	109	0.22	0%	0
005.00	Ash, 2h @ 600°C (%)	0675	5.675	0.0300	5.652	0.1019	0.0707	109	0.22	0%	0
005.00	Ash, 2h @ 600°C (%)	1020	5.675	0.0300	5.652	0.1019	0.0707	109	0.22	0%	0
005.00	Ash, 2h @ 600°C (%)	2478	5.680	0.0000	5.652	0.1019	0.0707	109	0.27	0%	0
005.00	Ash, 2h @ 600°C (%)	0123	5.685	0.0300	5.652	0.1019	0.0707	109	0.32	0%	0
005.00	Ash, 2h @ 600°C (%)	1024	5.685	0.0100	5.652	0.1019	0.0707	109	0.32	0%	0
005.00	Ash, 2h @ 600°C (%)	0685	5.690	0.1000	5.652	0.1019	0.0707	109	0.37	0%	0
005.00	Ash, 2h @ 600°C (%)	1023	5.695	0.0300	5.652	0.1019	0.0707	109	0.42	0%	0
005.00	Ash, 2h @ 600°C (%)	0357	5.700	0.0000	5.652	0.1019	0.0707	109	0.47	0%	0
005.00	Ash, 2h @ 600°C (%)	2486	5.709	0.0460	5.652	0.1019	0.0707	109	0.56	1%	0
005.00	Ash, 2h @ 600°C (%)	0589	5.710	0.0200	5.652	0.1019	0.0707	109	0.57	1%	0
005.00	Ash, 2h @ 600°C (%)	0541	5.715	0.0300	5.652	0.1019	0.0707	109	0.62	1%	0
005.00	Ash, 2h @ 600°C (%)	0510	5.720	0.0400	5.652	0.1019	0.0707	109	0.66	1%	0
005.00	Ash, 2h @ 600°C (%)	0108	5.735	0.1300	5.652	0.1019	0.0707	109	0.81	1%	0
005.00	Ash, 2h @ 600°C (%)	0964	5.735	0.0300	5.652	0.1019	0.0707	109	0.81	1%	0
005.00	Ash, 2h @ 600°C (%)	0001	5.739	0.0620	5.652	0.1019	0.0707	109	0.85	1%	0
005.00	Ash, 2h @ 600°C (%)	0035	5.740	0.0000	5.652	0.1019	0.0707	109	0.86	1%	0
005.00	Ash, 2h @ 600°C (%)	0656	5.740	0.0000	5.652	0.1019	0.0707	109	0.86	1%	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
005.00	Ash, 2h @ 600°C (%)	0098	5.745	0.0100	5.652	0.1019	0.0707	109	0.91	1%	0
005.00	Ash, 2h @ 600°C (%)	0017	5.750	0.1000	5.652	0.1019	0.0707	109	0.96	1%	0
005.00	Ash, 2h @ 600°C (%)	0956	5.750	0.1000	5.652	0.1019	0.0707	109	0.96	1%	0
005.00	Ash, 2h @ 600°C (%)	0407	5.772	0.0367	5.652	0.1019	0.0707	109	1.18	1%	0
005.00	Ash, 2h @ 600°C (%)	0148	5.775	0.0300	5.652	0.1019	0.0707	109	1.20	1%	0
005.00	Ash, 2h @ 600°C (%)	0553	5.775	0.0500	5.652	0.1019	0.0707	109	1.20	1%	0
005.00	Ash, 2h @ 600°C (%)	2193	5.795	0.0100	5.652	0.1019	0.0707	109	1.40	1%	0
005.00	Ash, 2h @ 600°C (%)	0033	5.800	0.0000	5.652	0.1019	0.0707	109	1.45	1%	0
005.00	Ash, 2h @ 600°C (%)	0968	5.800	0.0000	5.652	0.1019	0.0707	109	1.45	1%	0
005.00	Ash, 2h @ 600°C (%)	0563	5.807	0.0297	5.652	0.1019	0.0707	109	1.52	1%	0
005.00	Ash, 2h @ 600°C (%)	2397	5.810	0.0800	5.652	0.1019	0.0707	109	1.55	1%	0
005.00	Ash, 2h @ 600°C (%)	2268	5.815	0.4500	5.652	0.1019	0.0707	109	1.60	1%	0
005.00	Ash, 2h @ 600°C (%)	2393	5.845	0.1900	5.652	0.1019	0.0707	109	1.89	2%	0
005.00	Ash, 2h @ 600°C (%)	2373	5.880	0.0200	5.652	0.1019	0.0707	109	2.23	2%	0
005.00	Ash, 2h @ 600°C (%)	0366	6.050	0.7000	5.652	0.1019	0.0707	109	3.90	4%	0
005.00	Ash, 2h @ 600°C (%)	0226	6.260	0.0400	5.652	0.1019	0.0707	109	5.96	5%	0
005.00	Ash, 2h @ 600°C (%)	2489	6.320	0.1600	5.652	0.1019	0.0707	109	6.55	6%	0
005.00	Ash, 2h @ 600°C (%)	0229	7.105	0.3700	5.652	0.1019	0.0707	109	14.26	13%	0
005.00	Ash, 2h @ 600°C (%)	0278	8.525	1.530	5.652	0.1019	0.0707	109	28.19	25%	0
005.00	Ash, 2h @ 600°C (%)	0618	10.77	0.2300	5.652	0.1019	0.0707	109	50.17	45%	0
005.00	Ash, 2h @ 600°C (%)	0049	359.6	704.7	5.652	0.1019	0.0707	109	>100	3131%	2
005.02	Ash, LECO (%)	0644	5.778	0.0090				1			0
005.03	Ash, Microwave furnace (%)	2439	5.815	0.1100	5.860	0.0334	0.0643	7	-1.35	0%	0
005.03	Ash, Microwave furnace (%)	2473	5.845	0.0300	5.860	0.0334	0.0643	7	-0.45	0%	0
005.03	Ash, Microwave furnace (%)	2429	5.850	0.0600	5.860	0.0334	0.0643	7	-0.30	0%	0
005.03	Ash, Microwave furnace (%)	2436	5.855	0.1300	5.860	0.0334	0.0643	7	-0.15	0%	0
005.03	Ash, Microwave furnace (%)	2435	5.870	0.0200	5.860	0.0334	0.0643	7	0.30	0%	0
005.03	Ash, Microwave furnace (%)	2438	5.875	0.0100	5.860	0.0334	0.0643	7	0.45	0%	0
005.03	Ash, Microwave furnace (%)	2502	5.965	0.0900	5.860	0.0334	0.0643	7	3.14	1%	0
005.03	Ash, Microwave furnace (%)	0511	5.750	0.5000	5.860	0.0334	0.0643	7	-3.29	1%	1
005.05	Ash, 3h @ 550°C (%)	0190	5.405	0.0300	5.658	0.0554	0.0309	33	-4.56	2%	0
005.05	Ash, 3h @ 550°C (%)	0692	5.525	0.0700	5.658	0.0554	0.0309	33	-2.40	1%	0
005.05	Ash, 3h @ 550°C (%)	0643	5.547	0.0110	5.658	0.0554	0.0309	33	-2.01	1%	0
005.05	Ash, 3h @ 550°C (%)	0003	5.555	0.0300	5.658	0.0554	0.0309	33	-1.86	1%	0
005.05	Ash, 3h @ 550°C (%)	0294	5.600	0.0600	5.658	0.0554	0.0309	33	-1.05	1%	0
005.05	Ash, 3h @ 550°C (%)	0720	5.605	0.0700	5.658	0.0554	0.0309	33	-0.96	0%	0
005.05	Ash, 3h @ 550°C (%)	2192	5.615	0.0500	5.658	0.0554	0.0309	33	-0.78	0%	0
005.05	Ash, 3h @ 550°C (%)	2009	5.625	0.0419	5.658	0.0554	0.0309	33	-0.60	0%	0
005.05	Ash, 3h @ 550°C (%)	1021	5.635	0.0100	5.658	0.0554	0.0309	33	-0.42	0%	0
005.05	Ash, 3h @ 550°C (%)	2264	5.636	0.0472	5.658	0.0554	0.0309	33	-0.39	0%	0
005.05	Ash, 3h @ 550°C (%)	0034	5.638	0.0025	5.658	0.0554	0.0309	33	-0.35	0%	0
005.05	Ash, 3h @ 550°C (%)	0939	5.645	0.0100	5.658	0.0554	0.0309	33	-0.24	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 (%)	2419	5.645	0.0100	5.658	0.0554	0.0309	33	-0.24	0%	0
005.05	Ash, 3h @ 550°C (%)	2418	5.647	0.0210	5.658	0.0554	0.0309	33	-0.21	0%	0
005.05	Ash, 3h @ 550°C (%)	2416	5.650	0.0200	5.658	0.0554	0.0309	33	-0.15	0%	0
005.05	Ash, 3h @ 550°C (%)	2417	5.650	0.0600	5.658	0.0554	0.0309	33	-0.15	0%	0
005.05	Ash, 3h @ 550°C (%)	2420	5.650	0.0200	5.658	0.0554	0.0309	33	-0.15	0%	0
005.05	Ash, 3h @ 550°C (%)	2426	5.665	0.0100	5.658	0.0554	0.0309	33	0.13	0%	0
005.05	Ash, 3h @ 550°C (%)	2452	5.665	0.0500	5.658	0.0554	0.0309	33	0.13	0%	0
005.05	Ash, 3h @ 550°C (%)	0596	5.670	0.0200	5.658	0.0554	0.0309	33	0.22	0%	0
005.05	Ash, 3h @ 550°C (%)	0689	5.670	0.0200	5.658	0.0554	0.0309	33	0.22	0%	0
005.05	Ash, 3h @ 550°C (%)	2422	5.675	0.0300	5.658	0.0554	0.0309	33	0.31	0%	0
005.05	Ash, 3h @ 550°C (%)	2424	5.680	0.0000	5.658	0.0554	0.0309	33	0.40	0%	0
005.05	Ash, 3h @ 550°C (%)	2421	5.685	0.0100	5.658	0.0554	0.0309	33	0.49	0%	0
005.05	Ash, 3h @ 550°C (%)	2146	5.690	0.0000	5.658	0.0554	0.0309	33	0.58	0%	0
005.05	Ash, 3h @ 550°C (%)	0066	5.695	0.0100	5.658	0.0554	0.0309	33	0.67	0%	0
005.05	Ash, 3h @ 550°C (%)	2168	5.707	0.1000	5.658	0.0554	0.0309	33	0.88	0%	0
005.05	Ash, 3h @ 550°C (%)	2442	5.710	0.0200	5.658	0.0554	0.0309	33	0.94	0%	0
005.05	Ash, 3h @ 550°C (%)	0875	5.715	0.0100	5.658	0.0554	0.0309	33	1.03	1%	0
005.05	Ash, 3h @ 550°C (%)	2144	5.730	0.0400	5.658	0.0554	0.0309	33	1.30	1%	0
005.05	Ash, 3h @ 550°C (%)	0263	5.736	0.0250	5.658	0.0554	0.0309	33	1.40	1%	0
005.05	Ash, 3h @ 550°C (%)	0610	5.770	0.0600	5.658	0.0554	0.0309	33	2.02	1%	0
005.05	Ash, 3h @ 550°C (%)	2492	5.780	0.0000	5.658	0.0554	0.0309	33	2.20	1%	0
005.05	Ash, 3h @ 550°C (%)	0726	6.230	0.3200	5.658	0.0554	0.0309	33	10.32	5%	1
005.05	Ash, 3h @ 550°C (%)	2129	9.209	0.1272	5.658	0.0554	0.0309	33	64.04	31%	2
005.11	Ash, NIR (%)	0610	4.950	0.0200				2			0
005.11	Ash, NIR (%)	0047	7.210	0.0000				2			0
005.99	Ash, Miscellaneous (%)	0019	5.400	0.0000	5.615	0.1752	0.0550	9	-1.23	2%	0
005.99	Ash, Miscellaneous (%)	2023	5.405	0.1100	5.615	0.1752	0.0550	9	-1.20	2%	0
005.99	Ash, Miscellaneous (%)	0884	5.550	0.1000	5.615	0.1752	0.0550	9	-0.37	1%	0
005.99	Ash, Miscellaneous (%)	2066	5.600	0.0200	5.615	0.1752	0.0550	9	-0.09	0%	0
005.99	Ash, Miscellaneous (%)	0676	5.610	0.0200	5.615	0.1752	0.0550	9	-0.03	0%	0
005.99	Ash, Miscellaneous (%)	0202	5.640	0.0600	5.615	0.1752	0.0550	9	0.14	0%	0
005.99	Ash, Miscellaneous (%)	0914	5.705	0.0100	5.615	0.1752	0.0550	9	0.51	1%	0
005.99	Ash, Miscellaneous (%)	2319	5.750	0.1000	5.615	0.1752	0.0550	9	0.77	1%	0
005.99	Ash, Miscellaneous (%)	0536	6.040	0.0200	5.615	0.1752	0.0550	9	2.42	4%	0
006.00	Total Sugars, As sucrose (%)	0407	4.348	0.0720				1			0
006.99	Total Sugars, Miscellaneous (%)	0226	1.625	0.0900				2			0
006.99	Total Sugars, Miscellaneous (%)	0956	3.550	0.1000				2			0
008.02	Fiber, Acid Detergent, Crucible (%)	2192	4.755	0.1700	6.479	1.500	0.1876	9	-1.15	13%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0689	5.450	0.1000	6.479	1.500	0.1876	9	-0.69	8%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0226	5.460	0.1800	6.479	1.500	0.1876	9	-0.68	8%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0353	5.895	0.0300	6.479	1.500	0.1876	9	-0.39	5%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0098	6.210	0.8600	6.479	1.500	0.1876	9	-0.18	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			
008.02	Fiber, Acid Detergent, Crucible (%)	0964	6.260	0.2000	6.479	1.500	0.1876	9	-0.15	2%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0148	7.660	0.3400	6.479	1.500	0.1876	9	0.79	9%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0171	7.895	0.0700	6.479	1.500	0.1876	9	0.94	11%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0309	9.223	0.2107	6.479	1.500	0.1876	9	1.83	21%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0278	4.000	0.4000	6.135	1.327	0.2187	41	-1.61	17%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0956	4.450	0.3000	6.135	1.327	0.2187	41	-1.27	14%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0004	4.600	0.0400	6.135	1.327	0.2187	41	-1.16	13%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0190	4.640	0.0800	6.135	1.327	0.2187	41	-1.13	12%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0357	4.675	0.3500	6.135	1.327	0.2187	41	-1.10	12%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0675	4.770	0.1800	6.135	1.327	0.2187	41	-1.03	11%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0968	4.775	0.2300	6.135	1.327	0.2187	41	-1.02	11%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0682	4.900	0.0000	6.135	1.327	0.2187	41	-0.93	10%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0939	4.975	0.1700	6.135	1.327	0.2187	41	-0.87	9%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0354	5.090	0.1400	6.135	1.327	0.2187	41	-0.79	9%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0848	5.125	0.0100	6.135	1.327	0.2187	41	-0.76	8%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2457	5.180	0.3400	6.135	1.327	0.2187	41	-0.72	8%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0510	5.550	0.1000	6.135	1.327	0.2187	41	-0.44	5%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2129	5.649	0.0252	6.135	1.327	0.2187	41	-0.37	4%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2196	5.740	0.0000	6.135	1.327	0.2187	41	-0.30	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0581	5.750	1.600	6.135	1.327	0.2187	41	-0.29	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0297	5.800	0.4000	6.135	1.327	0.2187	41	-0.25	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0066	5.835	0.1300	6.135	1.327	0.2187	41	-0.23	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0366	5.950	0.5000	6.135	1.327	0.2187	41	-0.14	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2433	5.979	0.0250	6.135	1.327	0.2187	41	-0.12	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2302	6.150	0.1000	6.135	1.327	0.2187	41	0.01	0%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0596	6.165	0.0500	6.135	1.327	0.2187	41	0.02	0%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0407	6.186	0.4381	6.135	1.327	0.2187	41	0.04	0%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0263	6.202	0.0250	6.135	1.327	0.2187	41	0.05	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0148	6.215	0.0700	6.135	1.327	0.2187	41	0.06	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0511	6.300	0.4000	6.135	1.327	0.2187	41	0.12	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2445	6.480	0.0400	6.135	1.327	0.2187	41	0.26	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0536	6.520	0.0200	6.135	1.327	0.2187	41	0.29	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2146	6.640	0.0600	6.135	1.327	0.2187	41	0.38	4%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0358	6.675	0.3100	6.135	1.327	0.2187	41	0.41	4%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0294	6.685	0.3700	6.135	1.327	0.2187	41	0.41	4%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0870	6.724	0.4731	6.135	1.327	0.2187	41	0.44	5%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0042	7.090	0.6600	6.135	1.327	0.2187	41	0.72	8%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0726	7.385	0.0100	6.135	1.327	0.2187	41	0.94	10%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0001	7.792	0.1150	6.135	1.327	0.2187	41	1.25	13%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0693	8.150	0.7000	6.135	1.327	0.2187	41	1.52	16%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2489	8.290	0.0200	6.135	1.327	0.2187	41	1.62	18%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0045	8.975	0.6100	6.135	1.327	0.2187	41	2.14	23%	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 (%)	0083	9.830	0.3200	6.135	1.327	0.2187	41	2.78	30%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2181	11.51	0.1100	6.135	1.327	0.2187	41	4.05	44%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0049	14.68	0.0400	6.135	1.327	0.2187	41	6.44	70%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0910	6.790	3.860	6.135	1.327	0.2187	41	0.49	5%	1
008.99	Fiber, Acid Detergent, Miscellaneous (%)	0610	5.730	0.1600				1			0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat	0353	12.20	0.1300	15.46	1.525	0.2451	6	-2.14	11%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat	0226	15.02	0.2200	15.46	1.525	0.2451	6	-0.29	1%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat	2192	15.49	0.2000	15.46	1.525	0.2451	6	0.02	0%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat	0309	15.91	0.2086	15.46	1.525	0.2451	6	0.29	1%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat	0964	15.91	0.7800	15.46	1.525	0.2451	6	0.30	1%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat	0610	17.25	0.3000	15.46	1.525	0.2451	6	1.18	6%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat	0098	14.50	2.400	15.46	1.525	0.2451	6	-0.63	3%	1
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	2457	13.40	0.4000	16.34	1.991	0.3952	38	-1.47	9%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0407	13.74	1.375	16.34	1.991	0.3952	38	-1.30	8%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0939	14.09	0.3800	16.34	1.991	0.3952	38	-1.13	7%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0596	14.19	0.0500	16.34	1.991	0.3952	38	-1.08	7%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0598	14.44	0.1400	16.34	1.991	0.3952	38	-0.95	6%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0354	14.46	0.3100	16.34	1.991	0.3952	38	-0.94	6%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	2302	14.49	0.1500	16.34	1.991	0.3952	38	-0.93	6%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0870	14.67	0.1501	16.34	1.991	0.3952	38	-0.84	5%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0358	14.80	1.040	16.34	1.991	0.3952	38	-0.77	5%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	2196	14.86	0.0000	16.34	1.991	0.3952	38	-0.74	5%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0581	14.94	0.0500	16.34	1.991	0.3952	38	-0.70	4%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	2433	15.14	0.4170	16.34	1.991	0.3952	38	-0.60	4%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0263	15.19	0.2050	16.34	1.991	0.3952	38	-0.58	4%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	2129	15.43	0.9335	16.34	1.991	0.3952	38	-0.46	3%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0294	15.68	0.4700	16.34	1.991	0.3952	38	-0.33	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0066	15.80	0.1900	16.34	1.991	0.3952	38	-0.27	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0510	15.85	0.1000	16.34	1.991	0.3952	38	-0.24	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0357	15.99	0.0300	16.34	1.991	0.3952	38	-0.18	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0675	16.11	0.3600	16.34	1.991	0.3952	38	-0.11	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0083	16.16	0.1100	16.34	1.991	0.3952	38	-0.09	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0366	16.30	0.4000	16.34	1.991	0.3952	38	-0.02	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0148	16.37	0.6600	16.34	1.991	0.3952	38	0.02	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0297	16.40	1.200	16.34	1.991	0.3952	38	0.03	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	2146	16.54	0.1000	16.34	1.991	0.3952	38	0.10	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0848	16.67	0.0800	16.34	1.991	0.3952	38	0.17	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0968	17.26	0.8300	16.34	1.991	0.3952	38	0.46	3%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0045	17.35	0.5000	16.34	1.991	0.3952	38	0.51	3%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0278	17.40	0.4000	16.34	1.991	0.3952	38	0.53	3%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0693	17.55	1.300	16.34	1.991	0.3952	38	0.61	4%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0726	17.88	1.070	16.34	1.991	0.3952	38	0.77	5%	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 (	0536	17.92	0.0900	16.34	1.991	0.3952	38	0.79	5%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0682	18.10	0.0000	16.34	1.991	0.3952	38	0.89	5%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	2326	19.03	0.0400	16.34	1.991	0.3952	38	1.35	8%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	2181	20.39	0.2400	16.34	1.991	0.3952	38	2.04	12%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	2445	20.87	0.3400	16.34	1.991	0.3952	38	2.28	14%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0190	22.18	0.0400	16.34	1.991	0.3952	38	2.94	18%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0049	28.22	1.100	16.34	1.991	0.3952	38	5.97	36%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	2489	30.04	0.3000	16.34	1.991	0.3952	38	6.88	42%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0956	16.50	2.200	16.34	1.991	0.3952	38	0.08	1%	1
009.99	Fiber, Neutral Detergent, Miscellaneous (%)	0910	14.80	1.000				1			0
010.03	Moisture, Karl-Fischer (%)	0843	6.340	0.1400				1			0
010.11	Moisture, NIR (%)	0610	4.800	0.0000				3			0
010.11	Moisture, NIR (%)	0553	5.815	0.0100				3			0
010.11	Moisture, NIR (%)	0852	6.200	0.0800				3			0
010.99	Moisture, Miscellaneous (%)	0726	3.330	0.0000	5.274	0.4297	0.1186	12	-4.52	18%	0
010.99	Moisture, Miscellaneous (%)	0884	4.900	0.0000	5.274	0.4297	0.1186	12	-0.87	4%	0
010.99	Moisture, Miscellaneous (%)	0692	4.970	0.1400	5.274	0.4297	0.1186	12	-0.71	3%	0
010.99	Moisture, Miscellaneous (%)	0875	5.130	0.0400	5.274	0.4297	0.1186	12	-0.34	1%	0
010.99	Moisture, Miscellaneous (%)	2129	5.147	0.2119	5.274	0.4297	0.1186	12	-0.29	1%	0
010.99	Moisture, Miscellaneous (%)	0939	5.210	0.1400	5.274	0.4297	0.1186	12	-0.15	1%	0
010.99	Moisture, Miscellaneous (%)	2076	5.210	0.2800	5.274	0.4297	0.1186	12	-0.15	1%	0
010.99	Moisture, Miscellaneous (%)	0034	5.240	0.0200	5.274	0.4297	0.1186	12	-0.08	0%	0
010.99	Moisture, Miscellaneous (%)	2150	5.445	0.0100	5.274	0.4297	0.1186	12	0.40	2%	0
010.99	Moisture, Miscellaneous (%)	0190	5.735	0.0500	5.274	0.4297	0.1186	12	1.07	4%	0
010.99	Moisture, Miscellaneous (%)	0019	5.753	0.1950	5.274	0.4297	0.1186	12	1.11	5%	0
010.99	Moisture, Miscellaneous (%)	2506	7.545	0.1100	5.274	0.4297	0.1186	12	5.29	22%	0
010.99	Moisture, Miscellaneous (%)	0852	7.750	0.7000	5.274	0.4297	0.1186	12	5.76	23%	1
011.01	Loss on Drying, HT, 135°C 2hr (%)	2457	4.680	0.0800	5.711	0.2465	0.0817	61	-4.18	9%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	1019	5.000	0.1400	5.711	0.2465	0.0817	61	-2.88	6%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0685	5.050	0.2000	5.711	0.2465	0.0817	61	-2.68	6%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0536	5.080	0.0000	5.711	0.2465	0.0817	61	-2.56	6%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2433	5.277	0.2856	5.711	0.2465	0.0817	61	-1.76	4%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0953	5.355	0.1100	5.711	0.2465	0.0817	61	-1.44	3%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2489	5.360	0.0200	5.711	0.2465	0.0817	61	-1.42	3%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2181	5.420	0.0200	5.711	0.2465	0.0817	61	-1.18	3%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2373	5.430	0.0000	5.711	0.2465	0.0817	61	-1.14	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0354	5.445	0.0100	5.711	0.2465	0.0817	61	-1.08	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0598	5.505	0.0100	5.711	0.2465	0.0817	61	-0.84	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0554	5.515	0.1700	5.711	0.2465	0.0817	61	-0.80	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0229	5.535	0.2900	5.711	0.2465	0.0817	61	-0.71	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0682	5.570	0.0000	5.711	0.2465	0.0817	61	-0.57	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2482	5.587	0.0170	5.711	0.2465	0.0817	61	-0.51	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			
011.01	Loss on Drying, HT, 135°C 2hr (%)	0309	5.600	0.0000	5.711	0.2465	0.0817	61	-0.45	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0520	5.600	0.0400	5.711	0.2465	0.0817	61	-0.45	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0171	5.605	0.0500	5.711	0.2465	0.0817	61	-0.43	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0108	5.610	0.0400	5.711	0.2465	0.0817	61	-0.41	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0553	5.620	0.3000	5.711	0.2465	0.0817	61	-0.37	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0144	5.625	0.1100	5.711	0.2465	0.0817	61	-0.35	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2193	5.645	0.0700	5.711	0.2465	0.0817	61	-0.27	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2397	5.645	0.0300	5.711	0.2465	0.0817	61	-0.27	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2312	5.650	0.1000	5.711	0.2465	0.0817	61	-0.25	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0066	5.665	0.0500	5.711	0.2465	0.0817	61	-0.19	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2490	5.665	0.0700	5.711	0.2465	0.0817	61	-0.19	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0100	5.670	0.0000	5.711	0.2465	0.0817	61	-0.17	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0511	5.675	0.1100	5.711	0.2465	0.0817	61	-0.15	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0539	5.690	0.0600	5.711	0.2465	0.0817	61	-0.09	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0294	5.695	0.0300	5.711	0.2465	0.0817	61	-0.06	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0407	5.702	0.0973	5.711	0.2465	0.0817	61	-0.04	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0643	5.719	0.0070	5.711	0.2465	0.0817	61	0.03	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0968	5.720	0.0000	5.711	0.2465	0.0817	61	0.04	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2196	5.720	0.0000	5.711	0.2465	0.0817	61	0.04	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0098	5.725	0.0300	5.711	0.2465	0.0817	61	0.06	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0242	5.740	0.2600	5.711	0.2465	0.0817	61	0.12	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0263	5.748	0.0100	5.711	0.2465	0.0817	61	0.15	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0123	5.750	0.0200	5.711	0.2465	0.0817	61	0.16	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2486	5.765	0.0500	5.711	0.2465	0.0817	61	0.22	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0870	5.765	0.0914	5.711	0.2465	0.0817	61	0.22	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0208	5.775	0.1500	5.711	0.2465	0.0817	61	0.26	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0848	5.780	0.1000	5.711	0.2465	0.0817	61	0.28	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0226	5.795	0.0500	5.711	0.2465	0.0817	61	0.34	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2459	5.845	0.0100	5.711	0.2465	0.0817	61	0.54	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2006	5.845	0.0300	5.711	0.2465	0.0817	61	0.54	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2302	5.855	0.0500	5.711	0.2465	0.0817	61	0.58	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0541	5.880	0.1200	5.711	0.2465	0.0817	61	0.69	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2184	5.890	0.1800	5.711	0.2465	0.0817	61	0.73	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0618	5.895	0.0100	5.711	0.2465	0.0817	61	0.75	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0675	5.950	0.0600	5.711	0.2465	0.0817	61	0.97	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2491	5.955	0.1700	5.711	0.2465	0.0817	61	0.99	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0574	5.975	0.0100	5.711	0.2465	0.0817	61	1.07	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0589	5.990	0.0400	5.711	0.2465	0.0817	61	1.13	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0004	5.995	0.0100	5.711	0.2465	0.0817	61	1.15	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2393	6.020	0.1400	5.711	0.2465	0.0817	61	1.25	3%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2023	6.095	0.0700	5.711	0.2465	0.0817	61	1.56	3%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2268	6.145	0.4300	5.711	0.2465	0.0817	61	1.76	4%	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 (%)	0510	6.150	0.1000	5.711	0.2465	0.0817	61	1.78	4%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0300	6.255	0.1500	5.711	0.2465	0.0817	61	2.21	5%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0563	6.281	0.0976	5.711	0.2465	0.0817	61	2.31	5%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2326	6.580	0.1200	5.711	0.2465	0.0817	61	3.53	8%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0843	4.755	2.190	5.711	0.2465	0.0817	61	-3.88	8%	1
011.02	Loss on Drying, HT, 130°C for 2 hours (%)	0942	5.255	0.2500				1			0
011.99	Loss on Drying, HT, High Temp. Methods Misc	2174	5.615	0.0100	5.803	0.1507	0.0520	5			0
011.99	Loss on Drying, HT, High Temp. Methods Misc	2388	5.705	0.0500	5.803	0.1507	0.0520	5			0
011.99	Loss on Drying, HT, High Temp. Methods Misc	2387	5.825	0.0700	5.803	0.1507	0.0520	5			0
011.99	Loss on Drying, HT, High Temp. Methods Misc	2303	5.865	0.0300	5.803	0.1507	0.0520	5			0
011.99	Loss on Drying, HT, High Temp. Methods Misc	2168	6.007	0.1000	5.803	0.1507	0.0520	5			0
011.99	Loss on Drying, HT, High Temp. Methods Misc	0852	7.750	0.7000	5.803	0.1507	0.0520	5			1
012.00	Starch, Polarimetric (Ewers) (%)	2009	31.83	0.0597	33.26	0.6610	0.1933	13	-2.16	2%	0
012.00	Starch, Polarimetric (Ewers) (%)	0848	32.57	0.2100	33.26	0.6610	0.1933	13	-1.04	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	2181	32.72	0.2200	33.26	0.6610	0.1933	13	-0.81	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0939	32.75	0.1700	33.26	0.6610	0.1933	13	-0.77	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	2023	32.95	0.1000	33.26	0.6610	0.1933	13	-0.46	0%	0
012.00	Starch, Polarimetric (Ewers) (%)	2192	33.30	0.5000	33.26	0.6610	0.1933	13	0.07	0%	0
012.00	Starch, Polarimetric (Ewers) (%)	0875	33.34	0.2000	33.26	0.6610	0.1933	13	0.13	0%	0
012.00	Starch, Polarimetric (Ewers) (%)	0354	33.39	0.0500	33.26	0.6610	0.1933	13	0.20	0%	0
012.00	Starch, Polarimetric (Ewers) (%)	2006	33.42	0.1600	33.26	0.6610	0.1933	13	0.25	0%	0
012.00	Starch, Polarimetric (Ewers) (%)	2319	33.60	0.2000	33.26	0.6610	0.1933	13	0.52	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0610	33.80	0.0000	33.26	0.6610	0.1933	13	0.82	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	2196	33.98	0.0000	33.26	0.6610	0.1933	13	1.10	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0689	34.90	0.6000	33.26	0.6610	0.1933	13	2.49	2%	0
012.00	Starch, Polarimetric (Ewers) (%)	0941	34.49	3.540	33.26	0.6610	0.1933	13	1.87	2%	1
012.01	Starch, Enzymatic-Colorimetric Method (Megaz	0596	8.550	0.3000	29.62	1.867	0.6859	7	-11.28	36%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megaz	0941	28.60	0.0000	29.62	1.867	0.6859	7	-0.55	2%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megaz	0407	28.88	1.551	29.62	1.867	0.6859	7	-0.40	1%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megaz	0956	30.00	1.000	29.62	1.867	0.6859	7	0.20	1%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megaz	0870	30.48	0.5110	29.62	1.867	0.6859	7	0.46	1%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megaz	0148	30.80	0.3600	29.62	1.867	0.6859	7	0.63	2%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megaz	0366	31.75	0.5000	29.62	1.867	0.6859	7	1.14	4%	0
012.03	Starch, Enzymatic-Colorimetric Method, Miscell	0407	28.35	0.2646				2			0
012.03	Starch, Enzymatic-Colorimetric Method, Miscell	0297	30.38	0.0700				2			0
012.04	Starch, Enzymatic-Enzyme Membrane Technol	0510	30.05	0.3000	31.31	1.169	0.8421	8	-1.08	2%	0
012.04	Starch, Enzymatic-Enzyme Membrane Technol	2129	30.37	0.6227	31.31	1.169	0.8421	8	-0.80	2%	0
012.04	Starch, Enzymatic-Enzyme Membrane Technol	0278	30.40	0.0000	31.31	1.169	0.8421	8	-0.78	1%	0
012.04	Starch, Enzymatic-Enzyme Membrane Technol	0693	31.20	0.8000	31.31	1.169	0.8421	8	-0.09	0%	0
012.04	Starch, Enzymatic-Enzyme Membrane Technol	0226	31.45	0.1300	31.31	1.169	0.8421	8	0.12	0%	0
012.04	Starch, Enzymatic-Enzyme Membrane Technol	0045	31.70	0.0000	31.31	1.169	0.8421	8	0.33	1%	0
012.04	Starch, Enzymatic-Enzyme Membrane Technol	0098	32.25	1.900	31.31	1.169	0.8421	8	0.80	2%	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			
012.04	Starch, Enzymatic-Enzyme Membrane Technol	0208	33.45	1.300	31.31	1.169	0.8421	8	1.83	3%	0
012.20	Starch, Dietary, Enzymatic-Colorimetric (%)	0353	30.78	0.1100				1			0
012.99	Starch, Miscellaneous (%)	0066	32.23	0.1600				1			0
013.00	Fat, Pretreat, Acid hydrolysis (%)	0618	7.250	0.1000	9.064	0.4674	0.1477	31	-3.88	10%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	0675	7.740	0.0400	9.064	0.4674	0.1477	31	-2.83	7%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	0083	7.765	0.0700	9.064	0.4674	0.1477	31	-2.78	7%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	2393	7.900	0.1800	9.064	0.4674	0.1477	31	-2.49	6%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	0297	8.600	0.4000	9.064	0.4674	0.1477	31	-0.99	3%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	0941	8.640	0.1400	9.064	0.4674	0.1477	31	-0.91	2%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	2146	8.730	0.2200	9.064	0.4674	0.1477	31	-0.71	2%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	2144	8.780	0.0600	9.064	0.4674	0.1477	31	-0.61	2%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	2319	8.800	0.0000	9.064	0.4674	0.1477	31	-0.56	1%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	0229	8.860	0.5800	9.064	0.4674	0.1477	31	-0.44	1%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	2439	8.880	0.1000	9.064	0.4674	0.1477	31	-0.39	1%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	0650	8.950	0.1000	9.064	0.4674	0.1477	31	-0.24	1%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	0541	8.975	0.1900	9.064	0.4674	0.1477	31	-0.19	0%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	2076	9.001	0.0000	9.064	0.4674	0.1477	31	-0.13	0%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	2473	9.085	0.0100	9.064	0.4674	0.1477	31	0.05	0%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	0242	9.140	0.0400	9.064	0.4674	0.1477	31	0.16	0%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	2436	9.140	0.2000	9.064	0.4674	0.1477	31	0.16	0%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	2502	9.150	0.2800	9.064	0.4674	0.1477	31	0.18	0%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	0689	9.150	0.3000	9.064	0.4674	0.1477	31	0.18	0%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	2429	9.250	0.5000	9.064	0.4674	0.1477	31	0.40	1%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	2435	9.250	0.0400	9.064	0.4674	0.1477	31	0.40	1%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	0884	9.300	0.0000	9.064	0.4674	0.1477	31	0.51	1%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	2181	9.325	0.3100	9.064	0.4674	0.1477	31	0.56	1%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	0910	9.355	0.0500	9.064	0.4674	0.1477	31	0.62	2%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	2438	9.400	0.0800	9.064	0.4674	0.1477	31	0.72	2%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	2478	9.505	0.0500	9.064	0.4674	0.1477	31	0.94	2%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	0035	9.510	0.0600	9.064	0.4674	0.1477	31	0.96	2%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	0202	9.610	0.6200	9.064	0.4674	0.1477	31	1.17	3%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	2150	9.675	0.0500	9.064	0.4674	0.1477	31	1.31	3%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	0309	9.695	0.0496	9.064	0.4674	0.1477	31	1.35	3%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	2373	10.63	0.0100	9.064	0.4674	0.1477	31	3.34	9%	0
013.02	Fat, Pretreat, Mojonniier, Bak Ext, Acid hydrolys	2495	8.190	0.2000	9.453	0.3142	0.1563	53	-4.02	7%	0
013.02	Fat, Pretreat, Mojonniier, Bak Ext, Acid hydrolys	2264	8.499	0.1030	9.453	0.3142	0.1563	53	-3.04	5%	0
013.02	Fat, Pretreat, Mojonniier, Bak Ext, Acid hydrolys	0019	8.528	0.0950	9.453	0.3142	0.1563	53	-2.95	5%	0
013.02	Fat, Pretreat, Mojonniier, Bak Ext, Acid hydrolys	0017	8.800	0.2000	9.453	0.3142	0.1563	53	-2.08	3%	0
013.02	Fat, Pretreat, Mojonniier, Bak Ext, Acid hydrolys	0853	8.950	0.1000	9.453	0.3142	0.1563	53	-1.60	3%	0
013.02	Fat, Pretreat, Mojonniier, Bak Ext, Acid hydrolys	2492	9.025	0.0500	9.453	0.3142	0.1563	53	-1.36	2%	0
013.02	Fat, Pretreat, Mojonniier, Bak Ext, Acid hydrolys	2396	9.205	0.1900	9.453	0.3142	0.1563	53	-0.79	1%	0
013.02	Fat, Pretreat, Mojonniier, Bak Ext, Acid hydrolys	2422	9.220	0.2600	9.453	0.3142	0.1563	53	-0.74	1%	0

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			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs			
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolys	2312	9.220	0.0000	9.453	0.3142	0.1563	53	-0.74	1%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolys	2474	9.235	0.0500	9.453	0.3142	0.1563	53	-0.70	1%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolys	2408	9.245	0.0900	9.453	0.3142	0.1563	53	-0.66	1%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolys	0870	9.249	0.0380	9.453	0.3142	0.1563	53	-0.65	1%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolys	2424	9.255	0.4500	9.453	0.3142	0.1563	53	-0.63	1%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolys	2293	9.260	0.4800	9.453	0.3142	0.1563	53	-0.62	1%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolys	1021	9.275	0.0500	9.453	0.3142	0.1563	53	-0.57	1%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolys	2479	9.275	0.0900	9.453	0.3142	0.1563	53	-0.57	1%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolys	0682	9.280	0.0000	9.453	0.3142	0.1563	53	-0.55	1%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolys	2362	9.280	0.3600	9.453	0.3142	0.1563	53	-0.55	1%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolys	2395	9.305	0.5700	9.453	0.3142	0.1563	53	-0.47	1%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolys	0208	9.335	0.2900	9.453	0.3142	0.1563	53	-0.38	1%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolys	2477	9.375	0.1300	9.453	0.3142	0.1563	53	-0.25	0%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolys	0098	9.390	0.3200	9.453	0.3142	0.1563	53	-0.20	0%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolys	2122	9.390	0.1000	9.453	0.3142	0.1563	53	-0.20	0%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolys	2259	9.394	0.0100	9.453	0.3142	0.1563	53	-0.19	0%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolys	2156	9.400	0.1400	9.453	0.3142	0.1563	53	-0.17	0%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolys	2416	9.405	0.1500	9.453	0.3142	0.1563	53	-0.15	0%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolys	2331	9.415	0.3500	9.453	0.3142	0.1563	53	-0.12	0%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolys	1022	9.420	0.0800	9.453	0.3142	0.1563	53	-0.11	0%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolys	2219	9.430	0.0800	9.453	0.3142	0.1563	53	-0.07	0%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolys	2426	9.440	0.2000	9.453	0.3142	0.1563	53	-0.04	0%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolys	2419	9.475	0.1100	9.453	0.3142	0.1563	53	0.07	0%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolys	2486	9.490	0.0200	9.453	0.3142	0.1563	53	0.12	0%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolys	2420	9.495	0.0500	9.453	0.3142	0.1563	53	0.13	0%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolys	2418	9.531	0.2450	9.453	0.3142	0.1563	53	0.25	0%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolys	0148	9.540	0.1200	9.453	0.3142	0.1563	53	0.28	0%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolys	2452	9.545	0.0100	9.453	0.3142	0.1563	53	0.29	0%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolys	0563	9.564	0.2216	9.453	0.3142	0.1563	53	0.35	1%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolys	2421	9.570	0.1200	9.453	0.3142	0.1563	53	0.37	1%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolys	1024	9.580	0.1000	9.453	0.3142	0.1563	53	0.40	1%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolys	2417	9.685	0.5700	9.453	0.3142	0.1563	53	0.74	1%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolys	2398	9.750	0.0400	9.453	0.3142	0.1563	53	0.94	2%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolys	0139	9.770	0.0600	9.453	0.3142	0.1563	53	1.01	2%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolys	1023	9.770	0.1400	9.453	0.3142	0.1563	53	1.01	2%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolys	0001	9.773	0.3940	9.453	0.3142	0.1563	53	1.02	2%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolys	0045	9.775	0.4500	9.453	0.3142	0.1563	53	1.02	2%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolys	1020	9.790	0.1000	9.453	0.3142	0.1563	53	1.07	2%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolys	2491	9.840	0.1000	9.453	0.3142	0.1563	53	1.23	2%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolys	2490	9.850	0.0000	9.453	0.3142	0.1563	53	1.26	2%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolys	2023	9.910	0.0600	9.453	0.3142	0.1563	53	1.45	2%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolys	0914	10.00	0.0200	9.453	0.3142	0.1563	53	1.74	3%	0

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			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs			
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolys	2441	10.00	0.1000	9.453	0.3142	0.1563	53	1.74	3%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolys	0553	10.12	0.3400	9.453	0.3142	0.1563	53	2.12	4%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolys	0407	10.42	0.0130	9.453	0.3142	0.1563	53	3.07	5%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolys	0693	8.900	0.8000	9.453	0.3142	0.1563	53	-1.76	3%	1
013.08	Fat, Pretreat, Roesse-Gottlieb Modified, Alkaline	0618	6.165	0.0100				1			0
013.10	Fat, Pretreat, Soxtec-Acid Hydrolysis (%)	2489	8.095	0.1900	8.811	0.3774	0.2184	8	-1.90	4%	0
013.10	Fat, Pretreat, Soxtec-Acid Hydrolysis (%)	0939	8.585	0.1900	8.811	0.3774	0.2184	8	-0.60	1%	0
013.10	Fat, Pretreat, Soxtec-Acid Hydrolysis (%)	0036	8.632	0.0631	8.811	0.3774	0.2184	8	-0.48	1%	0
013.10	Fat, Pretreat, Soxtec-Acid Hydrolysis (%)	0353	8.755	0.3500	8.811	0.3774	0.2184	8	-0.15	0%	0
013.10	Fat, Pretreat, Soxtec-Acid Hydrolysis (%)	2196	8.920	0.0000	8.811	0.3774	0.2184	8	0.29	1%	0
013.10	Fat, Pretreat, Soxtec-Acid Hydrolysis (%)	2268	8.955	0.7500	8.811	0.3774	0.2184	8	0.38	1%	0
013.10	Fat, Pretreat, Soxtec-Acid Hydrolysis (%)	0610	9.070	0.0200	8.811	0.3774	0.2184	8	0.68	1%	0
013.10	Fat, Pretreat, Soxtec-Acid Hydrolysis (%)	2349	9.330	0.2200	8.811	0.3774	0.2184	8	1.37	3%	0
013.13	Fat, Pretreat, Ankom- Acid Hydrolysis (%)	0074	3.800	0.0400	8.795	0.7203	0.2353	20	-6.93	28%	0
013.13	Fat, Pretreat, Ankom- Acid Hydrolysis (%)	0505	7.590	0.4200	8.795	0.7203	0.2353	20	-1.67	7%	0
013.13	Fat, Pretreat, Ankom- Acid Hydrolysis (%)	0407	8.164	0.0186	8.795	0.7203	0.2353	20	-0.88	4%	0
013.13	Fat, Pretreat, Ankom- Acid Hydrolysis (%)	0019	8.313	0.1050	8.795	0.7203	0.2353	20	-0.67	3%	0
013.13	Fat, Pretreat, Ankom- Acid Hydrolysis (%)	0033	8.400	0.0000	8.795	0.7203	0.2353	20	-0.55	2%	0
013.13	Fat, Pretreat, Ankom- Acid Hydrolysis (%)	0968	8.400	0.0000	8.795	0.7203	0.2353	20	-0.55	2%	0
013.13	Fat, Pretreat, Ankom- Acid Hydrolysis (%)	2129	8.455	0.2003	8.795	0.7203	0.2353	20	-0.47	2%	0
013.13	Fat, Pretreat, Ankom- Acid Hydrolysis (%)	0028	8.498	0.3460	8.795	0.7203	0.2353	20	-0.41	2%	0
013.13	Fat, Pretreat, Ankom- Acid Hydrolysis (%)	0035	8.625	0.5100	8.795	0.7203	0.2353	20	-0.24	1%	0
013.13	Fat, Pretreat, Ankom- Acid Hydrolysis (%)	0843	8.715	0.4100	8.795	0.7203	0.2353	20	-0.11	0%	0
013.13	Fat, Pretreat, Ankom- Acid Hydrolysis (%)	0354	8.755	0.0500	8.795	0.7203	0.2353	20	-0.06	0%	0
013.13	Fat, Pretreat, Ankom- Acid Hydrolysis (%)	2482	8.766	0.0520	8.795	0.7203	0.2353	20	-0.04	0%	0
013.13	Fat, Pretreat, Ankom- Acid Hydrolysis (%)	0511	8.905	0.2500	8.795	0.7203	0.2353	20	0.15	1%	0
013.13	Fat, Pretreat, Ankom- Acid Hydrolysis (%)	2302	8.925	0.0300	8.795	0.7203	0.2353	20	0.18	1%	0
013.13	Fat, Pretreat, Ankom- Acid Hydrolysis (%)	0876	9.150	0.3000	8.795	0.7203	0.2353	20	0.49	2%	0
013.13	Fat, Pretreat, Ankom- Acid Hydrolysis (%)	0643	9.481	0.1200	8.795	0.7203	0.2353	20	0.95	4%	0
013.13	Fat, Pretreat, Ankom- Acid Hydrolysis (%)	0034	9.615	0.3900	8.795	0.7203	0.2353	20	1.14	5%	0
013.13	Fat, Pretreat, Ankom- Acid Hydrolysis (%)	0510	9.690	0.0400	8.795	0.7203	0.2353	20	1.24	5%	0
013.13	Fat, Pretreat, Ankom- Acid Hydrolysis (%)	0013	9.775	0.6100	8.795	0.7203	0.2353	20	1.36	6%	0
013.13	Fat, Pretreat, Ankom- Acid Hydrolysis (%)	2433	9.837	0.4055	8.795	0.7203	0.2353	20	1.45	6%	0
013.99	Fat, Pretreat, Miscellaneous (%)	2155	9.990	0.4800				1			0
014.01	Fiber, Total Dietary, Enz-Grav (%)	0148	14.31	0.1880				1			0
014.99	Fiber, Total Dietary, Miscellaneous (%)	2319	13.90	0.2000				1			0
015.41	Aluminum, ICP, Dry ash (ppm)	0407	45.31	3.155				3			0
015.41	Aluminum, ICP, Dry ash (ppm)	0049	52.61	8.250				3			0
015.41	Aluminum, ICP, Dry ash (ppm)	0520	99.21	24.68				3			0
015.42	Aluminum, ICP, Open vessel (ppm)	2129	24.85	5.100				2			0
015.42	Aluminum, ICP, Open vessel (ppm)	0692	26.00	4.000				2			0
015.43	Aluminum, ICP, Microwave (ppm)	0510	30.50	3.000	45.32	10.94	1.678	7	-1.35	16%	0

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			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs			
015.43	Aluminum, ICP, Microwave (ppm)	0297	36.50	1.000	45.32	10.94	1.678	7	-0.81	10%	0
015.43	Aluminum, ICP, Microwave (ppm)	0226	42.07	0.4400	45.32	10.94	1.678	7	-0.30	4%	0
015.43	Aluminum, ICP, Microwave (ppm)	0407	46.51	1.725	45.32	10.94	1.678	7	0.11	1%	0
015.43	Aluminum, ICP, Microwave (ppm)	0353	49.73	1.400	45.32	10.94	1.678	7	0.40	5%	0
015.43	Aluminum, ICP, Microwave (ppm)	0964	54.80	3.800	45.32	10.94	1.678	7	0.87	10%	0
015.43	Aluminum, ICP, Microwave (ppm)	2481	57.13	0.3800	45.32	10.94	1.678	7	1.08	13%	0
015.53	Aluminum, ICP-MS, Microwave (ppm)	0939	44.03	2.700				3			0
015.53	Aluminum, ICP-MS, Microwave (ppm)	0407	47.65	2.673				3			0
015.53	Aluminum, ICP-MS, Microwave (ppm)	0553	47.80	0.0000				3			0
015.99	Aluminum, Miscellaneous (ppm)	0123	31.70	1.000				1			0
017.41	Boron, ICP, Dry ash (ppm)	0226	5.495	0.1500				3			0
017.41	Boron, ICP, Dry ash (ppm)	0358	5.570	0.0200				3			0
017.41	Boron, ICP, Dry ash (ppm)	0407	6.024	0.3698				3			0
017.41	Boron, ICP, Dry ash (ppm)	0049	9.360	0.6200				3			2
017.41	Boron, ICP, Dry ash (ppm)	0229	< 5.7					3			5
017.42	Boron, ICP, Open vessel (ppm)	2129	5.464	0.1680	6.300	0.9087	0.9260	4			0
017.42	Boron, ICP, Open vessel (ppm)	0693	6.000	0.0000	6.300	0.9087	0.9260	4			0
017.42	Boron, ICP, Open vessel (ppm)	0045	6.145	1.150	6.300	0.9087	0.9260	4			0
017.42	Boron, ICP, Open vessel (ppm)	0294	7.590	1.460	6.300	0.9087	0.9260	4			0
017.43	Boron, ICP, Microwave (ppm)	0226	5.895	0.0100	6.132	0.2529	0.1045	4			0
017.43	Boron, ICP, Microwave (ppm)	0510	6.000	0.0000	6.132	0.2529	0.1045	4			0
017.43	Boron, ICP, Microwave (ppm)	0407	6.158	0.0736	6.132	0.2529	0.1045	4			0
017.43	Boron, ICP, Microwave (ppm)	0083	6.475	0.2300	6.132	0.2529	0.1045	4			0
017.43	Boron, ICP, Microwave (ppm)	0353	7.150	0.5000	6.132	0.2529	0.1045	4			1
017.43	Boron, ICP, Microwave (ppm)	0297	< 10		6.132	0.2529	0.1045	4			5
017.53	Boron, ICP-MS, Microwave (ppm)	0407	6.942	0.2910				2			0
017.53	Boron, ICP-MS, Microwave (ppm)	0553	8.405	1.070				2			0
017.99	Boron, Miscellaneous (ppm)	0123	6.900	0.1200				1			0
019.00	Calcium, Ox-Mn04 Vol. (%)	2006	0.6050	0.0500	1.126	0.9419	0.0300	5			0
019.00	Calcium, Ox-Mn04 Vol. (%)	2146	0.6900	0.0000	1.126	0.9419	0.0300	5			0
019.00	Calcium, Ox-Mn04 Vol. (%)	2144	0.7050	0.0100	1.126	0.9419	0.0300	5			0
019.00	Calcium, Ox-Mn04 Vol. (%)	2181	0.8250	0.0500	1.126	0.9419	0.0300	5			0
019.00	Calcium, Ox-Mn04 Vol. (%)	2373	2.805	0.0100	1.126	0.9419	0.0300	5			0
019.00	Calcium, Ox-Mn04 Vol. (%)	2489	1.505	0.3500	1.126	0.9419	0.0300	5			1
019.02	Calcium, Hach Method (%)	0536	0.9900	0.0400				1			0
019.08	Calcium, EDTA (%)	2506	0.5600	0.0000	0.7031	0.1122	0.0188	5			0
019.08	Calcium, EDTA (%)	0689	0.6900	0.0200	0.7031	0.1122	0.0188	5			0
019.08	Calcium, EDTA (%)	2009	0.6906	0.0065	0.7031	0.1122	0.0188	5			0
019.08	Calcium, EDTA (%)	2196	0.7000	0.0000	0.7031	0.1122	0.0188	5			0
019.08	Calcium, EDTA (%)	2397	0.8750	0.0300	0.7031	0.1122	0.0188	5			0
019.09	Calcium, Ion-selective electrode (%)	2006	0.6210	0.1460				1			0
019.31	Calcium, AAS, Dry ash (%)	0142	0.6061	0.0653	0.7072	0.0369	0.0281	13	-2.74	7%	0

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			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs			
019.31	Calcium, AAS, Dry ash (%)	0014	0.6625	0.0310	0.7072	0.0369	0.0281	13	-1.21	3%	0
019.31	Calcium, AAS, Dry ash (%)	0001	0.6674	0.0360	0.7072	0.0369	0.0281	13	-1.08	3%	0
019.31	Calcium, AAS, Dry ash (%)	0687	0.6850	0.0500	0.7072	0.0369	0.0281	13	-0.60	2%	0
019.31	Calcium, AAS, Dry ash (%)	0563	0.6978	0.0122	0.7072	0.0369	0.0281	13	-0.25	1%	0
019.31	Calcium, AAS, Dry ash (%)	0939	0.7100	0.0200	0.7072	0.0369	0.0281	13	0.08	0%	0
019.31	Calcium, AAS, Dry ash (%)	2196	0.7100	0.0000	0.7072	0.0369	0.0281	13	0.08	0%	0
019.31	Calcium, AAS, Dry ash (%)	2146	0.7150	0.0500	0.7072	0.0369	0.0281	13	0.21	1%	0
019.31	Calcium, AAS, Dry ash (%)	0108	0.7250	0.0100	0.7072	0.0369	0.0281	13	0.48	1%	0
019.31	Calcium, AAS, Dry ash (%)	0884	0.7350	0.0100	0.7072	0.0369	0.0281	13	0.76	2%	0
019.31	Calcium, AAS, Dry ash (%)	0596	0.7400	0.0200	0.7072	0.0369	0.0281	13	0.89	2%	0
019.31	Calcium, AAS, Dry ash (%)	0656	0.7400	0.0000	0.7072	0.0369	0.0281	13	0.89	2%	0
019.31	Calcium, AAS, Dry ash (%)	0018	0.7535	0.0110	0.7072	0.0369	0.0281	13	1.26	3%	0
019.32	Calcium, AAS, Open vessel (%)	0169	0.7100	0.0200				1			0
019.41	Calcium, ICP, Dry ash (%)	0098	0.6300	0.0200	0.6895	0.0323	0.0200	17	-1.84	4%	0
019.41	Calcium, ICP, Dry ash (%)	0066	0.6420	0.0160	0.6895	0.0323	0.0200	17	-1.47	3%	0
019.41	Calcium, ICP, Dry ash (%)	0004	0.6550	0.0100	0.6895	0.0323	0.0200	17	-1.07	3%	0
019.41	Calcium, ICP, Dry ash (%)	0148	0.6590	0.0480	0.6895	0.0323	0.0200	17	-0.94	2%	0
019.41	Calcium, ICP, Dry ash (%)	0358	0.6750	0.0300	0.6895	0.0323	0.0200	17	-0.45	1%	0
019.41	Calcium, ICP, Dry ash (%)	0019	0.6825	0.0150	0.6895	0.0323	0.0200	17	-0.22	1%	0
019.41	Calcium, ICP, Dry ash (%)	0144	0.6850	0.0100	0.6895	0.0323	0.0200	17	-0.14	0%	0
019.41	Calcium, ICP, Dry ash (%)	0229	0.6850	0.0500	0.6895	0.0323	0.0200	17	-0.14	0%	0
019.41	Calcium, ICP, Dry ash (%)	0208	0.6900	0.0100	0.6895	0.0323	0.0200	17	0.01	0%	0
019.41	Calcium, ICP, Dry ash (%)	0520	0.6931	0.0068	0.6895	0.0323	0.0200	17	0.11	0%	0
019.41	Calcium, ICP, Dry ash (%)	0407	0.6966	0.0171	0.6895	0.0323	0.0200	17	0.22	1%	0
019.41	Calcium, ICP, Dry ash (%)	0848	0.7050	0.0500	0.6895	0.0323	0.0200	17	0.48	1%	0
019.41	Calcium, ICP, Dry ash (%)	1020	0.7150	0.0100	0.6895	0.0323	0.0200	17	0.79	2%	0
019.41	Calcium, ICP, Dry ash (%)	0685	0.7200	0.0400	0.6895	0.0323	0.0200	17	0.94	2%	0
019.41	Calcium, ICP, Dry ash (%)	0598	0.7201	0.0002	0.6895	0.0323	0.0200	17	0.95	2%	0
019.41	Calcium, ICP, Dry ash (%)	2259	0.7225	0.0030	0.6895	0.0323	0.0200	17	1.02	2%	0
019.41	Calcium, ICP, Dry ash (%)	0226	0.7350	0.0100	0.6895	0.0323	0.0200	17	1.41	3%	0
019.41	Calcium, ICP, Dry ash (%)	0049	1.510	0.0600	0.6895	0.0323	0.0200	17	25.38	59%	2
019.42	Calcium, ICP, Open vessel (%)	2129	0.5955	0.0254	0.7110	0.0564	0.0192	20	-2.05	8%	0
019.42	Calcium, ICP, Open vessel (%)	0186	0.6429	0.0038	0.7110	0.0564	0.0192	20	-1.21	5%	0
019.42	Calcium, ICP, Open vessel (%)	0357	0.6486	0.0147	0.7110	0.0564	0.0192	20	-1.11	4%	0
019.42	Calcium, ICP, Open vessel (%)	0504	0.6620	0.0140	0.7110	0.0564	0.0192	20	-0.87	3%	0
019.42	Calcium, ICP, Open vessel (%)	0278	0.6700	0.0000	0.7110	0.0564	0.0192	20	-0.73	3%	0
019.42	Calcium, ICP, Open vessel (%)	2319	0.6745	0.0430	0.7110	0.0564	0.0192	20	-0.65	3%	0
019.42	Calcium, ICP, Open vessel (%)	2433	0.6829	0.0067	0.7110	0.0564	0.0192	20	-0.50	2%	0
019.42	Calcium, ICP, Open vessel (%)	0294	0.6900	0.0400	0.7110	0.0564	0.0192	20	-0.37	1%	0
019.42	Calcium, ICP, Open vessel (%)	0202	0.6985	0.0210	0.7110	0.0564	0.0192	20	-0.22	1%	0
019.42	Calcium, ICP, Open vessel (%)	0035	0.7000	0.0200	0.7110	0.0564	0.0192	20	-0.19	1%	0
019.42	Calcium, ICP, Open vessel (%)	0693	0.7150	0.0100	0.7110	0.0564	0.0192	20	0.07	0%	0

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			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs			
019.42	Calcium, ICP, Open vessel (%)	0263	0.7200	0.0120	0.7110	0.0564	0.0192	20	0.16	1%	0
019.42	Calcium, ICP, Open vessel (%)	0870	0.7227	0.0057	0.7110	0.0564	0.0192	20	0.21	1%	0
019.42	Calcium, ICP, Open vessel (%)	0009	0.7496	0.0523	0.7110	0.0564	0.0192	20	0.68	3%	0
019.42	Calcium, ICP, Open vessel (%)	0366	0.7500	0.0800	0.7110	0.0564	0.0192	20	0.69	3%	0
019.42	Calcium, ICP, Open vessel (%)	0042	0.7525	0.0070	0.7110	0.0564	0.0192	20	0.74	3%	0
019.42	Calcium, ICP, Open vessel (%)	0026	0.7580	0.0040	0.7110	0.0564	0.0192	20	0.83	3%	0
019.42	Calcium, ICP, Open vessel (%)	0692	0.7650	0.0300	0.7110	0.0564	0.0192	20	0.96	4%	0
019.42	Calcium, ICP, Open vessel (%)	0190	0.8350	0.0100	0.7110	0.0564	0.0192	20	2.20	9%	0
019.42	Calcium, ICP, Open vessel (%)	0726	0.8350	0.0100	0.7110	0.0564	0.0192	20	2.20	9%	0
019.42	Calcium, ICP, Open vessel (%)	0045	0.6580	0.1080	0.7110	0.0564	0.0192	20	-0.94	4%	1
019.43	Calcium, ICP, Microwave (%)	0043	0.6167	0.0286	0.7000	0.0280	0.0244	37	-2.98	6%	0
019.43	Calcium, ICP, Microwave (%)	0511	0.6550	0.0500	0.7000	0.0280	0.0244	37	-1.61	3%	0
019.43	Calcium, ICP, Microwave (%)	0036	0.6625	0.0054	0.7000	0.0280	0.0244	37	-1.34	3%	0
019.43	Calcium, ICP, Microwave (%)	2023	0.6645	0.0210	0.7000	0.0280	0.0244	37	-1.27	3%	0
019.43	Calcium, ICP, Microwave (%)	0028	0.6675	0.0290	0.7000	0.0280	0.0244	37	-1.16	2%	0
019.43	Calcium, ICP, Microwave (%)	0510	0.6700	0.0000	0.7000	0.0280	0.0244	37	-1.07	2%	0
019.43	Calcium, ICP, Microwave (%)	0089	0.6750	0.0100	0.7000	0.0280	0.0244	37	-0.89	2%	0
019.43	Calcium, ICP, Microwave (%)	2439	0.6817	0.0336	0.7000	0.0280	0.0244	37	-0.65	1%	0
019.43	Calcium, ICP, Microwave (%)	0001	0.6835	0.0350	0.7000	0.0280	0.0244	37	-0.59	1%	0
019.43	Calcium, ICP, Microwave (%)	0010	0.6850	0.0300	0.7000	0.0280	0.0244	37	-0.54	1%	0
019.43	Calcium, ICP, Microwave (%)	2192	0.6850	0.0100	0.7000	0.0280	0.0244	37	-0.54	1%	0
019.43	Calcium, ICP, Microwave (%)	2436	0.6861	0.0436	0.7000	0.0280	0.0244	37	-0.50	1%	0
019.43	Calcium, ICP, Microwave (%)	0017	0.6875	0.0042	0.7000	0.0280	0.0244	37	-0.45	1%	0
019.43	Calcium, ICP, Microwave (%)	0964	0.6898	0.0316	0.7000	0.0280	0.0244	37	-0.36	1%	0
019.43	Calcium, ICP, Microwave (%)	0035	0.6900	0.0000	0.7000	0.0280	0.0244	37	-0.36	1%	0
019.43	Calcium, ICP, Microwave (%)	0297	0.6900	0.0600	0.7000	0.0280	0.0244	37	-0.36	1%	0
019.43	Calcium, ICP, Microwave (%)	0033	0.6920	0.0120	0.7000	0.0280	0.0244	37	-0.29	1%	0
019.43	Calcium, ICP, Microwave (%)	2502	0.6950	0.0100	0.7000	0.0280	0.0244	37	-0.18	0%	0
019.43	Calcium, ICP, Microwave (%)	0098	0.7000	0.0600	0.7000	0.0280	0.0244	37	0.00	0%	0
019.43	Calcium, ICP, Microwave (%)	0610	0.7050	0.0300	0.7000	0.0280	0.0244	37	0.18	0%	0
019.43	Calcium, ICP, Microwave (%)	0848	0.7050	0.0100	0.7000	0.0280	0.0244	37	0.18	0%	0
019.43	Calcium, ICP, Microwave (%)	0354	0.7060	0.0200	0.7000	0.0280	0.0244	37	0.21	0%	0
019.43	Calcium, ICP, Microwave (%)	0407	0.7066	0.0424	0.7000	0.0280	0.0244	37	0.24	0%	0
019.43	Calcium, ICP, Microwave (%)	0968	0.7085	0.0030	0.7000	0.0280	0.0244	37	0.30	1%	0
019.43	Calcium, ICP, Microwave (%)	0682	0.7100	0.0000	0.7000	0.0280	0.0244	37	0.36	1%	0
019.43	Calcium, ICP, Microwave (%)	2481	0.7100	0.0200	0.7000	0.0280	0.0244	37	0.36	1%	0
019.43	Calcium, ICP, Microwave (%)	0300	0.7110	0.0220	0.7000	0.0280	0.0244	37	0.39	1%	0
019.43	Calcium, ICP, Microwave (%)	0083	0.7200	0.0060	0.7000	0.0280	0.0244	37	0.71	1%	0
019.43	Calcium, ICP, Microwave (%)	2429	0.7227	0.0312	0.7000	0.0280	0.0244	37	0.81	2%	0
019.43	Calcium, ICP, Microwave (%)	0505	0.7240	0.0140	0.7000	0.0280	0.0244	37	0.86	2%	0
019.43	Calcium, ICP, Microwave (%)	2438	0.7245	0.0077	0.7000	0.0280	0.0244	37	0.87	2%	0
019.43	Calcium, ICP, Microwave (%)	2435	0.7279	0.1180	0.7000	0.0280	0.0244	37	1.00	2%	0

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019.43	Calcium, ICP, Microwave (%)	2326	0.7300	0.0000	0.7000	0.0280	0.0244	37	1.07	2%	0
019.43	Calcium, ICP, Microwave (%)	0675	0.7450	0.0100	0.7000	0.0280	0.0244	37	1.61	3%	0
019.43	Calcium, ICP, Microwave (%)	0870	0.7637	0.0432	0.7000	0.0280	0.0244	37	2.28	5%	0
019.43	Calcium, ICP, Microwave (%)	0353	0.8350	0.0300	0.7000	0.0280	0.0244	37	4.83	10%	0
019.43	Calcium, ICP, Microwave (%)	0226	0.8850	0.0100	0.7000	0.0280	0.0244	37	6.61	13%	0
019.43	Calcium, ICP, Microwave (%)	2473	3,647	7,293	0.7000	0.0280	0.0244	37	>100	260474%	2
019.44	Calcium, ICP, Dry ash (%)	2398	0.6200	0.0400	0.6789	0.0214	0.0211	27	-2.75	4%	0
019.44	Calcium, ICP, Dry ash (%)	2478	0.6250	0.0100	0.6789	0.0214	0.0211	27	-2.52	4%	0
019.44	Calcium, ICP, Dry ash (%)	2420	0.6500	0.0000	0.6789	0.0214	0.0211	27	-1.35	2%	0
019.44	Calcium, ICP, Dry ash (%)	2417	0.6550	0.0100	0.6789	0.0214	0.0211	27	-1.12	2%	0
019.44	Calcium, ICP, Dry ash (%)	2426	0.6600	0.0200	0.6789	0.0214	0.0211	27	-0.88	1%	0
019.44	Calcium, ICP, Dry ash (%)	2156	0.6650	0.0100	0.6789	0.0214	0.0211	27	-0.65	1%	0
019.44	Calcium, ICP, Dry ash (%)	2421	0.6650	0.0100	0.6789	0.0214	0.0211	27	-0.65	1%	0
019.44	Calcium, ICP, Dry ash (%)	2474	0.6650	0.0100	0.6789	0.0214	0.0211	27	-0.65	1%	0
019.44	Calcium, ICP, Dry ash (%)	2445	0.6700	0.0400	0.6789	0.0214	0.0211	27	-0.41	1%	0
019.44	Calcium, ICP, Dry ash (%)	2395	0.6700	0.0200	0.6789	0.0214	0.0211	27	-0.41	1%	0
019.44	Calcium, ICP, Dry ash (%)	2452	0.6700	0.0000	0.6789	0.0214	0.0211	27	-0.41	1%	0
019.44	Calcium, ICP, Dry ash (%)	2362	0.6750	0.0100	0.6789	0.0214	0.0211	27	-0.18	0%	0
019.44	Calcium, ICP, Dry ash (%)	2331	0.6800	0.0400	0.6789	0.0214	0.0211	27	0.05	0%	0
019.44	Calcium, ICP, Dry ash (%)	2418	0.6800	0.0200	0.6789	0.0214	0.0211	27	0.05	0%	0
019.44	Calcium, ICP, Dry ash (%)	2293	0.6800	0.0000	0.6789	0.0214	0.0211	27	0.05	0%	0
019.44	Calcium, ICP, Dry ash (%)	2419	0.6800	0.0000	0.6789	0.0214	0.0211	27	0.05	0%	0
019.44	Calcium, ICP, Dry ash (%)	2416	0.6850	0.0100	0.6789	0.0214	0.0211	27	0.29	0%	0
019.44	Calcium, ICP, Dry ash (%)	2422	0.6850	0.0500	0.6789	0.0214	0.0211	27	0.29	0%	0
019.44	Calcium, ICP, Dry ash (%)	2219	0.6900	0.0000	0.6789	0.0214	0.0211	27	0.52	1%	0
019.44	Calcium, ICP, Dry ash (%)	2424	0.6900	0.0600	0.6789	0.0214	0.0211	27	0.52	1%	0
019.44	Calcium, ICP, Dry ash (%)	2480	0.6950	0.0100	0.6789	0.0214	0.0211	27	0.75	1%	0
019.44	Calcium, ICP, Dry ash (%)	0139	0.7000	0.0000	0.6789	0.0214	0.0211	27	0.99	2%	0
019.44	Calcium, ICP, Dry ash (%)	1022	0.7000	0.0000	0.6789	0.0214	0.0211	27	0.99	2%	0
019.44	Calcium, ICP, Dry ash (%)	2408	0.7000	0.0200	0.6789	0.0214	0.0211	27	0.99	2%	0
019.44	Calcium, ICP, Dry ash (%)	1021	0.7050	0.0100	0.6789	0.0214	0.0211	27	1.22	2%	0
019.44	Calcium, ICP, Dry ash (%)	1023	0.7100	0.0000	0.6789	0.0214	0.0211	27	1.45	2%	0
019.44	Calcium, ICP, Dry ash (%)	1024	0.7300	0.0000	0.6789	0.0214	0.0211	27	2.39	4%	0
019.44	Calcium, ICP, Dry ash (%)	2396	0.7200	0.0800	0.6789	0.0214	0.0211	27	1.92	3%	1
019.51	Calcium, ICP-MS, Dry ash (%)	2146	0.6750	0.0300				1			0
019.52	Calcium, ICP-MS, Open vessel (%)	0154	0.6061	0.0227				3			0
019.52	Calcium, ICP-MS, Open vessel (%)	0186	0.6533	0.0032				3			0
019.52	Calcium, ICP-MS, Open vessel (%)	0047	0.8050	0.0700				3			0
019.53	Calcium, ICP-MS, Microwave (%)	2477	0.6050	0.0100	0.6710	0.0490	0.0147	9	-1.35	5%	0
019.53	Calcium, ICP-MS, Microwave (%)	2495	0.6400	0.0200	0.6710	0.0490	0.0147	9	-0.63	2%	0
019.53	Calcium, ICP-MS, Microwave (%)	2479	0.6500	0.0200	0.6710	0.0490	0.0147	9	-0.43	2%	0
019.53	Calcium, ICP-MS, Microwave (%)	0504	0.6555	0.0110	0.6710	0.0490	0.0147	9	-0.32	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			
019.53	Calcium, ICP-MS, Microwave (%)	0553	0.6610	0.0180	0.6710	0.0490	0.0147	9	-0.20	1%	0
019.53	Calcium, ICP-MS, Microwave (%)	2441	0.6650	0.0100	0.6710	0.0490	0.0147	9	-0.12	0%	0
019.53	Calcium, ICP-MS, Microwave (%)	0407	0.6929	0.0086	0.6710	0.0490	0.0147	9	0.45	2%	0
019.53	Calcium, ICP-MS, Microwave (%)	0939	0.7250	0.0300	0.6710	0.0490	0.0147	9	1.10	4%	0
019.53	Calcium, ICP-MS, Microwave (%)	2428	0.7550	0.0100	0.6710	0.0490	0.0147	9	1.72	6%	0
019.99	Calcium, Miscellaneous (%)	2302	0.5400	0.0200	0.6237	0.0672	0.0133	8	-1.25	7%	0
019.99	Calcium, Miscellaneous (%)	2486	0.5790	0.0140	0.6237	0.0672	0.0133	8	-0.67	4%	0
019.99	Calcium, Miscellaneous (%)	2490	0.5950	0.0100	0.6237	0.0672	0.0133	8	-0.43	2%	0
019.99	Calcium, Miscellaneous (%)	0242	0.6150	0.0100	0.6237	0.0672	0.0133	8	-0.13	1%	0
019.99	Calcium, Miscellaneous (%)	2491	0.6165	0.0010	0.6237	0.0672	0.0133	8	-0.11	1%	0
019.99	Calcium, Miscellaneous (%)	0676	0.6300	0.0200	0.6237	0.0672	0.0133	8	0.09	1%	0
019.99	Calcium, Miscellaneous (%)	0123	0.6900	0.0200	0.6237	0.0672	0.0133	8	0.99	5%	0
019.99	Calcium, Miscellaneous (%)	0100	0.7250	0.0100	0.6237	0.0672	0.0133	8	1.51	8%	0
021.31	Cobalt, AAS, Dry ash (ppm)	0563	0.2215	0.0230				1			0
021.41	Cobalt, ICP, Dry ash (ppm)	0407	0.5361	0.0003				2			0
021.41	Cobalt, ICP, Dry ash (ppm)	0148	1.655	0.0900				2			0
021.42	Cobalt, ICP, Open vessel (ppm)	0693	0.1050	0.1200				3			0
021.42	Cobalt, ICP, Open vessel (ppm)	0045	0.4895	0.1210				3			0
021.42	Cobalt, ICP, Open vessel (ppm)	0366	0.6000	0.2000				3			0
021.43	Cobalt, ICP, Microwave (ppm)	0510	0.2050	0.0300				3			0
021.43	Cobalt, ICP, Microwave (ppm)	0278	0.3850	0.0700				3			0
021.43	Cobalt, ICP, Microwave (ppm)	0407	0.4907	0.1220				3			0
021.43	Cobalt, ICP, Microwave (ppm)	0169	< 0.2					3			5
021.43	Cobalt, ICP, Microwave (ppm)	2428	< 0.5					3			5
021.43	Cobalt, ICP, Microwave (ppm)	0682	< 1					3			5
021.43	Cobalt, ICP, Microwave (ppm)	2326	< 2.5					3			5
021.52	Cobalt, ICP-MS, Open vessel (ppm)	0047	0.1250	0.0100				1			0
021.52	Cobalt, ICP-MS, Open vessel (ppm)	0910	< 0.05					1			5
021.52	Cobalt, ICP-MS, Open vessel (ppm)	0186	< 5					1			5
021.53	Cobalt, ICP-MS, Microwave (ppm)	0553	0.1890	0.0260	0.2170	0.0259	0.0294	6	-1.08	6%	0
021.53	Cobalt, ICP-MS, Microwave (ppm)	0504	0.2010	0.0500	0.2170	0.0259	0.0294	6	-0.62	4%	0
021.53	Cobalt, ICP-MS, Microwave (ppm)	0407	0.2018	0.0644	0.2170	0.0259	0.0294	6	-0.58	3%	0
021.53	Cobalt, ICP-MS, Microwave (ppm)	0033	0.2280	0.0200	0.2170	0.0259	0.0294	6	0.43	3%	0
021.53	Cobalt, ICP-MS, Microwave (ppm)	0610	0.2350	0.0100	0.2170	0.0259	0.0294	6	0.70	4%	0
021.53	Cobalt, ICP-MS, Microwave (ppm)	0043	0.2470	0.0060	0.2170	0.0259	0.0294	6	1.16	7%	0
022.31	Copper, AAS, Dry ash (ppm)	0001	12.37	0.5200	15.71	2.452	0.3633	4			0
022.31	Copper, AAS, Dry ash (ppm)	0939	15.38	0.0700	15.71	2.452	0.3633	4			0
022.31	Copper, AAS, Dry ash (ppm)	0563	17.42	0.5000	15.71	2.452	0.3633	4			0
022.31	Copper, AAS, Dry ash (ppm)	2196	17.67	0.0000	15.71	2.452	0.3633	4			0
022.31	Copper, AAS, Dry ash (ppm)	0689	21.45	3.100	15.71	2.452	0.3633	4			1
022.41	Copper, ICP, Dry ash (ppm)	0049	7.615	0.0700	15.96	2.280	0.8772	13	-3.66	26%	0
022.41	Copper, ICP, Dry ash (ppm)	0004	13.39	1.210	15.96	2.280	0.8772	13	-1.13	8%	0

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022.41	Copper, ICP, Dry ash (ppm)	0848	14.75	0.5400	15.96	2.280	0.8772	13	-0.53	4%	0
022.41	Copper, ICP, Dry ash (ppm)	0520	14.79	1.937	15.96	2.280	0.8772	13	-0.51	4%	0
022.41	Copper, ICP, Dry ash (ppm)	0098	15.05	0.7500	15.96	2.280	0.8772	13	-0.40	3%	0
022.41	Copper, ICP, Dry ash (ppm)	1020	15.47	0.3900	15.96	2.280	0.8772	13	-0.22	2%	0
022.41	Copper, ICP, Dry ash (ppm)	0407	15.85	0.5246	15.96	2.280	0.8772	13	-0.05	0%	0
022.41	Copper, ICP, Dry ash (ppm)	0358	16.13	2.360	15.96	2.280	0.8772	13	0.08	1%	0
022.41	Copper, ICP, Dry ash (ppm)	0208	16.28	0.8500	15.96	2.280	0.8772	13	0.14	1%	0
022.41	Copper, ICP, Dry ash (ppm)	0019	16.62	1.145	15.96	2.280	0.8772	13	0.29	2%	0
022.41	Copper, ICP, Dry ash (ppm)	0598	18.56	0.4348	15.96	2.280	0.8772	13	1.14	8%	0
022.41	Copper, ICP, Dry ash (ppm)	0148	18.65	1.539	15.96	2.280	0.8772	13	1.18	8%	0
022.41	Copper, ICP, Dry ash (ppm)	0226	25.37	0.0400	15.96	2.280	0.8772	13	4.13	29%	0
022.41	Copper, ICP, Dry ash (ppm)	0229	18.82	5.390	15.96	2.280	0.8772	13	1.25	9%	1
022.42	Copper, ICP, Open vessel (ppm)	0357	14.40	0.3390	16.26	1.149	0.5140	19	-1.62	6%	0
022.42	Copper, ICP, Open vessel (ppm)	0685	15.15	0.4000	16.26	1.149	0.5140	19	-0.97	3%	0
022.42	Copper, ICP, Open vessel (ppm)	2129	15.18	0.3800	16.26	1.149	0.5140	19	-0.94	3%	0
022.42	Copper, ICP, Open vessel (ppm)	0692	15.34	2.680	16.26	1.149	0.5140	19	-0.80	3%	0
022.42	Copper, ICP, Open vessel (ppm)	0504	15.40	0.2000	16.26	1.149	0.5140	19	-0.75	3%	0
022.42	Copper, ICP, Open vessel (ppm)	0366	15.50	1.000	16.26	1.149	0.5140	19	-0.66	2%	0
022.42	Copper, ICP, Open vessel (ppm)	0009	15.70	0.0000	16.26	1.149	0.5140	19	-0.49	2%	0
022.42	Copper, ICP, Open vessel (ppm)	0870	15.85	0.0400	16.26	1.149	0.5140	19	-0.36	1%	0
022.42	Copper, ICP, Open vessel (ppm)	0045	15.95	1.500	16.26	1.149	0.5140	19	-0.27	1%	0
022.42	Copper, ICP, Open vessel (ppm)	0278	16.00	0.4000	16.26	1.149	0.5140	19	-0.23	1%	0
022.42	Copper, ICP, Open vessel (ppm)	2433	16.01	0.3929	16.26	1.149	0.5140	19	-0.22	1%	0
022.42	Copper, ICP, Open vessel (ppm)	0202	16.40	0.4000	16.26	1.149	0.5140	19	0.12	0%	0
022.42	Copper, ICP, Open vessel (ppm)	0263	16.81	0.0100	16.26	1.149	0.5140	19	0.47	2%	0
022.42	Copper, ICP, Open vessel (ppm)	0294	17.29	0.2200	16.26	1.149	0.5140	19	0.89	3%	0
022.42	Copper, ICP, Open vessel (ppm)	0035	17.40	1.430	16.26	1.149	0.5140	19	0.99	3%	0
022.42	Copper, ICP, Open vessel (ppm)	0726	17.43	0.0100	16.26	1.149	0.5140	19	1.01	4%	0
022.42	Copper, ICP, Open vessel (ppm)	0693	17.50	1.000	16.26	1.149	0.5140	19	1.08	4%	0
022.42	Copper, ICP, Open vessel (ppm)	0190	17.57	0.3200	16.26	1.149	0.5140	19	1.14	4%	0
022.42	Copper, ICP, Open vessel (ppm)	0042	18.40	0.4000	16.26	1.149	0.5140	19	1.86	7%	0
022.42	Copper, ICP, Open vessel (ppm)	2319	19.95	7.900	16.26	1.149	0.5140	19	3.21	11%	1
022.43	Copper, ICP, Microwave (ppm)	0511	14.50	1.000	16.33	1.165	0.5466	38	-1.57	6%	0
022.43	Copper, ICP, Microwave (ppm)	0098	14.67	0.1100	16.33	1.165	0.5466	38	-1.43	5%	0
022.43	Copper, ICP, Microwave (ppm)	0017	14.70	0.1207	16.33	1.165	0.5466	38	-1.40	5%	0
022.43	Copper, ICP, Microwave (ppm)	2477	15.13	0.2400	16.33	1.165	0.5466	38	-1.03	4%	0
022.43	Copper, ICP, Microwave (ppm)	0407	15.20	0.9010	16.33	1.165	0.5466	38	-0.97	3%	0
022.43	Copper, ICP, Microwave (ppm)	2326	15.25	0.1000	16.33	1.165	0.5466	38	-0.93	3%	0
022.43	Copper, ICP, Microwave (ppm)	0297	15.50	1.000	16.33	1.165	0.5466	38	-0.71	3%	0
022.43	Copper, ICP, Microwave (ppm)	0510	15.50	1.000	16.33	1.165	0.5466	38	-0.71	3%	0
022.43	Copper, ICP, Microwave (ppm)	0035	15.57	1.850	16.33	1.165	0.5466	38	-0.66	2%	0
022.43	Copper, ICP, Microwave (ppm)	0169	15.65	0.5000	16.33	1.165	0.5466	38	-0.59	2%	0

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			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs			
022.43	Copper, ICP, Microwave (ppm)	2441	15.68	0.0000	16.33	1.165	0.5466	38	-0.56	2%	0
022.43	Copper, ICP, Microwave (ppm)	2495	15.68	0.1800	16.33	1.165	0.5466	38	-0.56	2%	0
022.43	Copper, ICP, Microwave (ppm)	0001	15.75	0.5000	16.33	1.165	0.5466	38	-0.50	2%	0
022.43	Copper, ICP, Microwave (ppm)	2192	15.80	1.400	16.33	1.165	0.5466	38	-0.46	2%	0
022.43	Copper, ICP, Microwave (ppm)	2479	15.84	0.3300	16.33	1.165	0.5466	38	-0.43	2%	0
022.43	Copper, ICP, Microwave (ppm)	2502	16.05	0.2000	16.33	1.165	0.5466	38	-0.24	1%	0
022.43	Copper, ICP, Microwave (ppm)	2439	16.10	0.2000	16.33	1.165	0.5466	38	-0.20	1%	0
022.43	Copper, ICP, Microwave (ppm)	0033	16.15	0.9000	16.33	1.165	0.5466	38	-0.16	1%	0
022.43	Copper, ICP, Microwave (ppm)	0968	16.23	0.1380	16.33	1.165	0.5466	38	-0.09	0%	0
022.43	Copper, ICP, Microwave (ppm)	2473	16.25	0.1000	16.33	1.165	0.5466	38	-0.07	0%	0
022.43	Copper, ICP, Microwave (ppm)	2436	16.30	0.0000	16.33	1.165	0.5466	38	-0.03	0%	0
022.43	Copper, ICP, Microwave (ppm)	2435	16.35	0.3000	16.33	1.165	0.5466	38	0.01	0%	0
022.43	Copper, ICP, Microwave (ppm)	0010	16.50	0.0000	16.33	1.165	0.5466	38	0.14	1%	0
022.43	Copper, ICP, Microwave (ppm)	2428	16.50	1.000	16.33	1.165	0.5466	38	0.14	1%	0
022.43	Copper, ICP, Microwave (ppm)	2429	16.50	0.2000	16.33	1.165	0.5466	38	0.14	1%	0
022.43	Copper, ICP, Microwave (ppm)	2445	16.52	1.050	16.33	1.165	0.5466	38	0.16	1%	0
022.43	Copper, ICP, Microwave (ppm)	0083	16.58	0.3000	16.33	1.165	0.5466	38	0.21	1%	0
022.43	Copper, ICP, Microwave (ppm)	0354	16.62	1.550	16.33	1.165	0.5466	38	0.24	1%	0
022.43	Copper, ICP, Microwave (ppm)	2438	16.65	0.1000	16.33	1.165	0.5466	38	0.27	1%	0
022.43	Copper, ICP, Microwave (ppm)	0353	17.45	0.5000	16.33	1.165	0.5466	38	0.96	3%	0
022.43	Copper, ICP, Microwave (ppm)	0610	17.60	1.000	16.33	1.165	0.5466	38	1.09	4%	0
022.43	Copper, ICP, Microwave (ppm)	0675	17.63	0.1900	16.33	1.165	0.5466	38	1.11	4%	0
022.43	Copper, ICP, Microwave (ppm)	0682	17.80	0.0000	16.33	1.165	0.5466	38	1.26	4%	0
022.43	Copper, ICP, Microwave (ppm)	0848	18.28	0.4000	16.33	1.165	0.5466	38	1.67	6%	0
022.43	Copper, ICP, Microwave (ppm)	2481	18.54	0.0400	16.33	1.165	0.5466	38	1.89	7%	0
022.43	Copper, ICP, Microwave (ppm)	0964	18.75	1.900	16.33	1.165	0.5466	38	2.07	7%	0
022.43	Copper, ICP, Microwave (ppm)	0870	18.78	0.5200	16.33	1.165	0.5466	38	2.10	7%	0
022.43	Copper, ICP, Microwave (ppm)	0226	22.59	0.3900	16.33	1.165	0.5466	38	5.37	19%	0
022.43	Copper, ICP, Microwave (ppm)	0028	18.23	4.345	16.33	1.165	0.5466	38	1.63	6%	1
022.44	Copper, ICP, Dry ash (ppm)	2396	12.89	3.500	15.45	0.8242	0.4607	26	-3.11	8%	0
022.44	Copper, ICP, Dry ash (ppm)	2398	13.78	1.010	15.45	0.8242	0.4607	26	-2.04	5%	0
022.44	Copper, ICP, Dry ash (ppm)	2219	14.41	1.030	15.45	0.8242	0.4607	26	-1.27	3%	0
022.44	Copper, ICP, Dry ash (ppm)	1023	14.65	1.450	15.45	0.8242	0.4607	26	-0.98	3%	0
022.44	Copper, ICP, Dry ash (ppm)	2395	14.71	0.5800	15.45	0.8242	0.4607	26	-0.90	2%	0
022.44	Copper, ICP, Dry ash (ppm)	2331	14.76	0.2000	15.45	0.8242	0.4607	26	-0.84	2%	0
022.44	Copper, ICP, Dry ash (ppm)	0139	14.80	0.6900	15.45	0.8242	0.4607	26	-0.80	2%	0
022.44	Copper, ICP, Dry ash (ppm)	2156	14.94	0.4000	15.45	0.8242	0.4607	26	-0.62	2%	0
022.44	Copper, ICP, Dry ash (ppm)	1024	15.04	0.2300	15.45	0.8242	0.4607	26	-0.51	1%	0
022.44	Copper, ICP, Dry ash (ppm)	2293	15.10	0.4700	15.45	0.8242	0.4607	26	-0.44	1%	0
022.44	Copper, ICP, Dry ash (ppm)	2474	15.19	0.0400	15.45	0.8242	0.4607	26	-0.32	1%	0
022.44	Copper, ICP, Dry ash (ppm)	2362	15.34	1.060	15.45	0.8242	0.4607	26	-0.14	0%	0
022.44	Copper, ICP, Dry ash (ppm)	2478	15.57	0.0800	15.45	0.8242	0.4607	26	0.14	0%	0

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			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs			
022.44	Copper, ICP, Dry ash (ppm)	2420	15.64	0.2200	15.45	0.8242	0.4607	26	0.23	1%	0
022.44	Copper, ICP, Dry ash (ppm)	2421	15.64	0.2800	15.45	0.8242	0.4607	26	0.23	1%	0
022.44	Copper, ICP, Dry ash (ppm)	1021	15.85	0.3600	15.45	0.8242	0.4607	26	0.48	1%	0
022.44	Copper, ICP, Dry ash (ppm)	2426	15.90	0.3900	15.45	0.8242	0.4607	26	0.53	1%	0
022.44	Copper, ICP, Dry ash (ppm)	2452	15.91	0.2400	15.45	0.8242	0.4607	26	0.55	1%	0
022.44	Copper, ICP, Dry ash (ppm)	2424	15.98	0.1300	15.45	0.8242	0.4607	26	0.63	2%	0
022.44	Copper, ICP, Dry ash (ppm)	2417	15.98	0.2000	15.45	0.8242	0.4607	26	0.64	2%	0
022.44	Copper, ICP, Dry ash (ppm)	2480	16.06	0.4100	15.45	0.8242	0.4607	26	0.73	2%	0
022.44	Copper, ICP, Dry ash (ppm)	2416	16.07	0.7500	15.45	0.8242	0.4607	26	0.74	2%	0
022.44	Copper, ICP, Dry ash (ppm)	2418	16.13	0.2800	15.45	0.8242	0.4607	26	0.82	2%	0
022.44	Copper, ICP, Dry ash (ppm)	2419	16.40	0.3300	15.45	0.8242	0.4607	26	1.14	3%	0
022.44	Copper, ICP, Dry ash (ppm)	1022	16.67	0.0200	15.45	0.8242	0.4607	26	1.47	4%	0
022.44	Copper, ICP, Dry ash (ppm)	2408	17.15	0.5600	15.45	0.8242	0.4607	26	2.06	5%	0
022.44	Copper, ICP, Dry ash (ppm)	2422	19.03	7.240	15.45	0.8242	0.4607	26	4.34	12%	1
022.52	Copper, ICP-MS, Open vessel (ppm)	0186	15.35	0.1000				2			0
022.52	Copper, ICP-MS, Open vessel (ppm)	0047	19.40	1.000				2			0
022.53	Copper, ICP-MS, Microwave (ppm)	0939	15.08	0.4400	15.80	0.4654	0.4519	5			0
022.53	Copper, ICP-MS, Microwave (ppm)	2023	15.70	0.4000	15.80	0.4654	0.4519	5			0
022.53	Copper, ICP-MS, Microwave (ppm)	0553	15.80	0.2000	15.80	0.4654	0.4519	5			0
022.53	Copper, ICP-MS, Microwave (ppm)	0407	16.17	0.9194	15.80	0.4654	0.4519	5			0
022.53	Copper, ICP-MS, Microwave (ppm)	0504	16.25	0.3000	15.80	0.4654	0.4519	5			0
022.99	Copper, Miscellaneous (ppm)	0100	13.00	2.000	16.46	3.754	1.427	4			0
022.99	Copper, Miscellaneous (ppm)	0242	14.00	0.0000	16.46	3.754	1.427	4			0
022.99	Copper, Miscellaneous (ppm)	0123	17.60	1.600	16.46	3.754	1.427	4			0
022.99	Copper, Miscellaneous (ppm)	2302	21.25	0.6800	16.46	3.754	1.427	4			0
025.31	Iron, AAS, Dry ash (ppm)	2196	172.5	0.0000	177.2	4.951	2.615	4			0
025.31	Iron, AAS, Dry ash (ppm)	0001	175.2	3.300	177.2	4.951	2.615	4			0
025.31	Iron, AAS, Dry ash (ppm)	0563	177.0	3.444	177.2	4.951	2.615	4			0
025.31	Iron, AAS, Dry ash (ppm)	0939	184.1	1.100	177.2	4.951	2.615	4			0
025.31	Iron, AAS, Dry ash (ppm)	0689	120.6	17.60	177.2	4.951	2.615	4			2
025.41	Iron, ICP, Dry ash (ppm)	0066	115.5	17.80	170.3	12.32	7.271	12	-4.44	16%	0
025.41	Iron, ICP, Dry ash (ppm)	0358	160.6	0.1200	170.3	12.32	7.271	12	-0.78	3%	0
025.41	Iron, ICP, Dry ash (ppm)	0049	160.9	10.93	170.3	12.32	7.271	12	-0.76	3%	0
025.41	Iron, ICP, Dry ash (ppm)	0019	163.1	4.850	170.3	12.32	7.271	12	-0.58	2%	0
025.41	Iron, ICP, Dry ash (ppm)	0004	163.8	1.570	170.3	12.32	7.271	12	-0.52	2%	0
025.41	Iron, ICP, Dry ash (ppm)	0910	165.5	13.00	170.3	12.32	7.271	12	-0.39	1%	0
025.41	Iron, ICP, Dry ash (ppm)	0098	172.7	6.200	170.3	12.32	7.271	12	0.20	1%	0
025.41	Iron, ICP, Dry ash (ppm)	0407	174.7	0.2908	170.3	12.32	7.271	12	0.36	1%	0
025.41	Iron, ICP, Dry ash (ppm)	0208	178.7	4.900	170.3	12.32	7.271	12	0.68	2%	0
025.41	Iron, ICP, Dry ash (ppm)	0598	181.7	3.774	170.3	12.32	7.271	12	0.93	3%	0
025.41	Iron, ICP, Dry ash (ppm)	0226	182.6	8.210	170.3	12.32	7.271	12	1.00	4%	0
025.41	Iron, ICP, Dry ash (ppm)	0148	187.1	16.10	170.3	12.32	7.271	12	1.36	5%	0

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			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs			
025.41	Iron, ICP, Dry ash (ppm)	0520	206.0	57.47	170.3	12.32	7.271	12	2.90	10%	1
025.42	Iron, ICP, Open vessel (ppm)	0357	121.4	4.125	177.9	10.70	6.845	19	-5.28	16%	0
025.42	Iron, ICP, Open vessel (ppm)	0009	165.0	12.00	177.9	10.70	6.845	19	-1.20	4%	0
025.42	Iron, ICP, Open vessel (ppm)	2129	168.1	0.9000	177.9	10.70	6.845	19	-0.92	3%	0
025.42	Iron, ICP, Open vessel (ppm)	2319	168.5	7.000	177.9	10.70	6.845	19	-0.88	3%	0
025.42	Iron, ICP, Open vessel (ppm)	0726	171.0	1.600	177.9	10.70	6.845	19	-0.64	2%	0
025.42	Iron, ICP, Open vessel (ppm)	0504	171.5	7.000	177.9	10.70	6.845	19	-0.60	2%	0
025.42	Iron, ICP, Open vessel (ppm)	0294	171.6	2.650	177.9	10.70	6.845	19	-0.59	2%	0
025.42	Iron, ICP, Open vessel (ppm)	0190	174.0	2.260	177.9	10.70	6.845	19	-0.36	1%	0
025.42	Iron, ICP, Open vessel (ppm)	2433	177.2	10.28	177.9	10.70	6.845	19	-0.06	0%	0
025.42	Iron, ICP, Open vessel (ppm)	0263	177.6	3.757	177.9	10.70	6.845	19	-0.03	0%	0
025.42	Iron, ICP, Open vessel (ppm)	0045	178.0	6.000	177.9	10.70	6.845	19	0.01	0%	0
025.42	Iron, ICP, Open vessel (ppm)	0026	180.1	11.85	177.9	10.70	6.845	19	0.21	1%	0
025.42	Iron, ICP, Open vessel (ppm)	0042	182.0	14.00	177.9	10.70	6.845	19	0.39	1%	0
025.42	Iron, ICP, Open vessel (ppm)	0870	183.3	3.000	177.9	10.70	6.845	19	0.51	2%	0
025.42	Iron, ICP, Open vessel (ppm)	0278	185.5	5.000	177.9	10.70	6.845	19	0.71	2%	0
025.42	Iron, ICP, Open vessel (ppm)	0202	186.0	8.000	177.9	10.70	6.845	19	0.76	2%	0
025.42	Iron, ICP, Open vessel (ppm)	0035	190.6	0.1000	177.9	10.70	6.845	19	1.19	4%	0
025.42	Iron, ICP, Open vessel (ppm)	0693	203.5	23.00	177.9	10.70	6.845	19	2.40	7%	0
025.42	Iron, ICP, Open vessel (ppm)	0366	222.0	20.00	177.9	10.70	6.845	19	4.13	12%	0
025.42	Iron, ICP, Open vessel (ppm)	0692	177.0	48.00	177.9	10.70	6.845	19	-0.08	0%	1
025.43	Iron, ICP, Microwave (ppm)	0510	162.5	1.000	185.2	10.73	4.797	26	-2.12	6%	0
025.43	Iron, ICP, Microwave (ppm)	0017	163.3	7.200	185.2	10.73	4.797	26	-2.04	6%	0
025.43	Iron, ICP, Microwave (ppm)	0083	170.2	2.140	185.2	10.73	4.797	26	-1.40	4%	0
025.43	Iron, ICP, Microwave (ppm)	0511	171.0	0.0000	185.2	10.73	4.797	26	-1.32	4%	0
025.43	Iron, ICP, Microwave (ppm)	2023	173.0	8.000	185.2	10.73	4.797	26	-1.14	3%	0
025.43	Iron, ICP, Microwave (ppm)	0870	180.0	2.300	185.2	10.73	4.797	26	-0.49	1%	0
025.43	Iron, ICP, Microwave (ppm)	0028	181.8	8.917	185.2	10.73	4.797	26	-0.32	1%	0
025.43	Iron, ICP, Microwave (ppm)	0964	182.5	1.000	185.2	10.73	4.797	26	-0.25	1%	0
025.43	Iron, ICP, Microwave (ppm)	0505	182.7	4.900	185.2	10.73	4.797	26	-0.24	1%	0
025.43	Iron, ICP, Microwave (ppm)	0353	182.8	6.700	185.2	10.73	4.797	26	-0.23	1%	0
025.43	Iron, ICP, Microwave (ppm)	2326	183.5	1.000	185.2	10.73	4.797	26	-0.16	0%	0
025.43	Iron, ICP, Microwave (ppm)	0169	184.0	4.000	185.2	10.73	4.797	26	-0.11	0%	0
025.43	Iron, ICP, Microwave (ppm)	0001	184.5	5.000	185.2	10.73	4.797	26	-0.07	0%	0
025.43	Iron, ICP, Microwave (ppm)	0033	184.5	7.000	185.2	10.73	4.797	26	-0.07	0%	0
025.43	Iron, ICP, Microwave (ppm)	0098	186.8	9.300	185.2	10.73	4.797	26	0.14	0%	0
025.43	Iron, ICP, Microwave (ppm)	0407	187.9	11.13	185.2	10.73	4.797	26	0.25	1%	0
025.43	Iron, ICP, Microwave (ppm)	2192	188.0	2.000	185.2	10.73	4.797	26	0.26	1%	0
025.43	Iron, ICP, Microwave (ppm)	0610	188.5	7.000	185.2	10.73	4.797	26	0.31	1%	0
025.43	Iron, ICP, Microwave (ppm)	0354	189.5	1.610	185.2	10.73	4.797	26	0.40	1%	0
025.43	Iron, ICP, Microwave (ppm)	0682	189.5	0.0000	185.2	10.73	4.797	26	0.40	1%	0
025.43	Iron, ICP, Microwave (ppm)	0675	191.7	0.2100	185.2	10.73	4.797	26	0.60	2%	0

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			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs			
025.43	Iron, ICP, Microwave (ppm)	0035	195.4	2.100	185.2	10.73	4.797	26	0.95	3%	0
025.43	Iron, ICP, Microwave (ppm)	0968	197.1	25.37	185.2	10.73	4.797	26	1.11	3%	0
025.43	Iron, ICP, Microwave (ppm)	2481	199.7	2.200	185.2	10.73	4.797	26	1.35	4%	0
025.43	Iron, ICP, Microwave (ppm)	0297	201.5	3.000	185.2	10.73	4.797	26	1.52	4%	0
025.43	Iron, ICP, Microwave (ppm)	0226	228.5	7.700	185.2	10.73	4.797	26	4.04	12%	0
025.43	Iron, ICP, Microwave (ppm)	0010	196.9	39.90	185.2	10.73	4.797	26	1.09	3%	1
025.52	Iron, ICP-MS, Open vessel (ppm)	0154	149.7	6.310				2			0
025.52	Iron, ICP-MS, Open vessel (ppm)	0047	207.6	31.81				2			0
025.53	Iron, ICP-MS, Microwave (ppm)	0043	161.2	9.016	180.8	16.41	11.31	6	-1.20	5%	0
025.53	Iron, ICP-MS, Microwave (ppm)	0504	166.5	11.00	180.8	16.41	11.31	6	-0.87	4%	0
025.53	Iron, ICP-MS, Microwave (ppm)	0553	183.0	8.000	180.8	16.41	11.31	6	0.13	1%	0
025.53	Iron, ICP-MS, Microwave (ppm)	0407	185.7	14.85	180.8	16.41	11.31	6	0.30	1%	0
025.53	Iron, ICP-MS, Microwave (ppm)	0939	188.5	5.000	180.8	16.41	11.31	6	0.47	2%	0
025.53	Iron, ICP-MS, Microwave (ppm)	2428	200.0	20.00	180.8	16.41	11.31	6	1.17	5%	0
025.99	Iron, Miscellaneous (ppm)	2302	149.0	0.8100	165.4	13.03	3.953	4			0
025.99	Iron, Miscellaneous (ppm)	0242	162.0	2.000	165.4	13.03	3.953	4			0
025.99	Iron, Miscellaneous (ppm)	0100	171.0	8.000	165.4	13.03	3.953	4			0
025.99	Iron, Miscellaneous (ppm)	0123	179.5	5.000	165.4	13.03	3.953	4			0
027.31	Magnesium, AAS, Dry ash (%)	0656	0.1500	0.0000	0.1582	0.0056		4			0
027.31	Magnesium, AAS, Dry ash (%)	0939	0.1600	0.0000	0.1582	0.0056		4			0
027.31	Magnesium, AAS, Dry ash (%)	2196	0.1600	0.0000	0.1582	0.0056		4			0
027.31	Magnesium, AAS, Dry ash (%)	0142	0.1629	0.0025	0.1582	0.0056		4			0
027.31	Magnesium, AAS, Dry ash (%)	0563	0.1469	0.0089	0.1582	0.0056		4			1
027.41	Magnesium, ICP, Dry ash (%)	0098	0.1450	0.0100	0.1644	0.0090	0.0085	12	-2.14	6%	0
027.41	Magnesium, ICP, Dry ash (%)	0066	0.1505	0.0070	0.1644	0.0090	0.0085	12	-1.53	4%	0
027.41	Magnesium, ICP, Dry ash (%)	0520	0.1606	0.0046	0.1644	0.0090	0.0085	12	-0.42	1%	0
027.41	Magnesium, ICP, Dry ash (%)	1020	0.1640	0.0000	0.1644	0.0090	0.0085	12	-0.04	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0407	0.1642	0.0034	0.1644	0.0090	0.0085	12	-0.02	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0208	0.1650	0.0000	0.1644	0.0090	0.0085	12	0.07	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0229	0.1650	0.0100	0.1644	0.0090	0.0085	12	0.07	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0358	0.1650	0.0100	0.1644	0.0090	0.0085	12	0.07	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0148	0.1655	0.0130	0.1644	0.0090	0.0085	12	0.12	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0598	0.1686	0.0004	0.1644	0.0090	0.0085	12	0.47	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0226	0.1750	0.0100	0.1644	0.0090	0.0085	12	1.17	3%	0
027.41	Magnesium, ICP, Dry ash (%)	0049	0.3000	0.0200	0.1644	0.0090	0.0085	12	14.99	41%	0
027.42	Magnesium, ICP, Open vessel (%)	2129	0.1463	0.0011	0.1670	0.0123	0.0059	20	-1.69	6%	0
027.42	Magnesium, ICP, Open vessel (%)	0504	0.1500	0.0020	0.1670	0.0123	0.0059	20	-1.38	5%	0
027.42	Magnesium, ICP, Open vessel (%)	0685	0.1500	0.0200	0.1670	0.0123	0.0059	20	-1.38	5%	0
027.42	Magnesium, ICP, Open vessel (%)	0357	0.1548	0.0064	0.1670	0.0123	0.0059	20	-0.99	4%	0
027.42	Magnesium, ICP, Open vessel (%)	2433	0.1595	0.0020	0.1670	0.0123	0.0059	20	-0.61	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0726	0.1600	0.0000	0.1670	0.0123	0.0059	20	-0.57	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0045	0.1615	0.0030	0.1670	0.0123	0.0059	20	-0.45	2%	0

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027.42	Magnesium, ICP, Open vessel (%)	2319	0.1625	0.0010	0.1670	0.0123	0.0059	20	-0.37	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0186	0.1669	0.0025	0.1670	0.0123	0.0059	20	-0.02	0%	0
027.42	Magnesium, ICP, Open vessel (%)	0263	0.1695	0.0010	0.1670	0.0123	0.0059	20	0.20	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0366	0.1700	0.0000	0.1670	0.0123	0.0059	20	0.24	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0042	0.1720	0.0000	0.1670	0.0123	0.0059	20	0.40	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0870	0.1722	0.0008	0.1670	0.0123	0.0059	20	0.42	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0202	0.1730	0.0020	0.1670	0.0123	0.0059	20	0.48	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0035	0.1750	0.0100	0.1670	0.0123	0.0059	20	0.64	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0190	0.1750	0.0100	0.1670	0.0123	0.0059	20	0.64	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0294	0.1750	0.0100	0.1670	0.0123	0.0059	20	0.64	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0693	0.1750	0.0100	0.1670	0.0123	0.0059	20	0.64	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0278	0.1850	0.0100	0.1670	0.0123	0.0059	20	1.45	5%	0
027.42	Magnesium, ICP, Open vessel (%)	0692	0.1900	0.0200	0.1670	0.0123	0.0059	20	1.86	7%	0
027.43	Magnesium, ICP, Microwave (%)	0083	0.1480	0.0020	0.1671	0.0101	0.0051	32	-1.90	6%	0
027.43	Magnesium, ICP, Microwave (%)	2023	0.1480	0.0000	0.1671	0.0101	0.0051	32	-1.90	6%	0
027.43	Magnesium, ICP, Microwave (%)	2477	0.1485	0.0030	0.1671	0.0101	0.0051	32	-1.85	6%	0
027.43	Magnesium, ICP, Microwave (%)	2441	0.1565	0.0010	0.1671	0.0101	0.0051	32	-1.06	3%	0
027.43	Magnesium, ICP, Microwave (%)	2495	0.1570	0.0020	0.1671	0.0101	0.0051	32	-1.01	3%	0
027.43	Magnesium, ICP, Microwave (%)	0968	0.1580	0.0000	0.1671	0.0101	0.0051	32	-0.91	3%	0
027.43	Magnesium, ICP, Microwave (%)	0098	0.1600	0.0000	0.1671	0.0101	0.0051	32	-0.71	2%	0
027.43	Magnesium, ICP, Microwave (%)	0510	0.1600	0.0000	0.1671	0.0101	0.0051	32	-0.71	2%	0
027.43	Magnesium, ICP, Microwave (%)	0682	0.1600	0.0000	0.1671	0.0101	0.0051	32	-0.71	2%	0
027.43	Magnesium, ICP, Microwave (%)	2479	0.1600	0.0000	0.1671	0.0101	0.0051	32	-0.71	2%	0
027.43	Magnesium, ICP, Microwave (%)	2326	0.1625	0.0010	0.1671	0.0101	0.0051	32	-0.46	1%	0
027.43	Magnesium, ICP, Microwave (%)	2439	0.1646	0.0057	0.1671	0.0101	0.0051	32	-0.26	1%	0
027.43	Magnesium, ICP, Microwave (%)	0297	0.1650	0.0100	0.1671	0.0101	0.0051	32	-0.21	1%	0
027.43	Magnesium, ICP, Microwave (%)	0675	0.1650	0.0100	0.1671	0.0101	0.0051	32	-0.21	1%	0
027.43	Magnesium, ICP, Microwave (%)	2502	0.1650	0.0100	0.1671	0.0101	0.0051	32	-0.21	1%	0
027.43	Magnesium, ICP, Microwave (%)	2436	0.1689	0.0077	0.1671	0.0101	0.0051	32	0.17	1%	0
027.43	Magnesium, ICP, Microwave (%)	0964	0.1689	0.0002	0.1671	0.0101	0.0051	32	0.18	1%	0
027.43	Magnesium, ICP, Microwave (%)	2473	0.1696	0.0064	0.1671	0.0101	0.0051	32	0.25	1%	0
027.43	Magnesium, ICP, Microwave (%)	0035	0.1700	0.0000	0.1671	0.0101	0.0051	32	0.29	1%	0
027.43	Magnesium, ICP, Microwave (%)	0610	0.1700	0.0000	0.1671	0.0101	0.0051	32	0.29	1%	0
027.43	Magnesium, ICP, Microwave (%)	2192	0.1700	0.0000	0.1671	0.0101	0.0051	32	0.29	1%	0
027.43	Magnesium, ICP, Microwave (%)	0870	0.1714	0.0084	0.1671	0.0101	0.0051	32	0.42	1%	0
027.43	Magnesium, ICP, Microwave (%)	0354	0.1715	0.0010	0.1671	0.0101	0.0051	32	0.43	1%	0
027.43	Magnesium, ICP, Microwave (%)	2435	0.1718	0.0109	0.1671	0.0101	0.0051	32	0.46	1%	0
027.43	Magnesium, ICP, Microwave (%)	0407	0.1722	0.0052	0.1671	0.0101	0.0051	32	0.50	2%	0
027.43	Magnesium, ICP, Microwave (%)	0033	0.1735	0.0010	0.1671	0.0101	0.0051	32	0.63	2%	0
027.43	Magnesium, ICP, Microwave (%)	2429	0.1767	0.0002	0.1671	0.0101	0.0051	32	0.95	3%	0
027.43	Magnesium, ICP, Microwave (%)	2438	0.1775	0.0013	0.1671	0.0101	0.0051	32	1.03	3%	0
027.43	Magnesium, ICP, Microwave (%)	2481	0.1800	0.0000	0.1671	0.0101	0.0051	32	1.28	4%	0

Test Material Code # 202526
Method Proficiency Testing Report
Issue Date : 07/31/2025

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			
027.43	Magnesium, ICP, Microwave (%)	0353	0.1850	0.0100	0.1671	0.0101	0.0051	32	1.78	5%	0
027.43	Magnesium, ICP, Microwave (%)	0089	0.2900	0.0000	0.1671	0.0101	0.0051	32	12.22	37%	0
027.43	Magnesium, ICP, Microwave (%)	0226	0.3150	0.0100	0.1671	0.0101	0.0051	32	14.71	44%	0
027.43	Magnesium, ICP, Microwave (%)	2445	1.602	5.750	0.1671	0.0101	0.0051	32	>100	479346%	2
027.44	Magnesium, ICP, Dry ash (%)	2478	0.1500	0.0020	0.1604	0.0055	0.0032	26	-1.88	3%	0
027.44	Magnesium, ICP, Dry ash (%)	2398	0.1505	0.0110	0.1604	0.0055	0.0032	26	-1.79	3%	0
027.44	Magnesium, ICP, Dry ash (%)	2426	0.1535	0.0010	0.1604	0.0055	0.0032	26	-1.25	2%	0
027.44	Magnesium, ICP, Dry ash (%)	2420	0.1540	0.0040	0.1604	0.0055	0.0032	26	-1.16	2%	0
027.44	Magnesium, ICP, Dry ash (%)	2452	0.1540	0.0020	0.1604	0.0055	0.0032	26	-1.16	2%	0
027.44	Magnesium, ICP, Dry ash (%)	2421	0.1550	0.0000	0.1604	0.0055	0.0032	26	-0.97	2%	0
027.44	Magnesium, ICP, Dry ash (%)	2480	0.1580	0.0060	0.1604	0.0055	0.0032	26	-0.43	1%	0
027.44	Magnesium, ICP, Dry ash (%)	2417	0.1590	0.0020	0.1604	0.0055	0.0032	26	-0.25	0%	0
027.44	Magnesium, ICP, Dry ash (%)	2418	0.1595	0.0070	0.1604	0.0055	0.0032	26	-0.16	0%	0
027.44	Magnesium, ICP, Dry ash (%)	2156	0.1600	0.0020	0.1604	0.0055	0.0032	26	-0.07	0%	0
027.44	Magnesium, ICP, Dry ash (%)	2395	0.1600	0.0020	0.1604	0.0055	0.0032	26	-0.07	0%	0
027.44	Magnesium, ICP, Dry ash (%)	2422	0.1600	0.0080	0.1604	0.0055	0.0032	26	-0.07	0%	0
027.44	Magnesium, ICP, Dry ash (%)	2474	0.1600	0.0000	0.1604	0.0055	0.0032	26	-0.07	0%	0
027.44	Magnesium, ICP, Dry ash (%)	2293	0.1605	0.0010	0.1604	0.0055	0.0032	26	0.02	0%	0
027.44	Magnesium, ICP, Dry ash (%)	2424	0.1605	0.0110	0.1604	0.0055	0.0032	26	0.02	0%	0
027.44	Magnesium, ICP, Dry ash (%)	2416	0.1615	0.0070	0.1604	0.0055	0.0032	26	0.21	0%	0
027.44	Magnesium, ICP, Dry ash (%)	2419	0.1615	0.0010	0.1604	0.0055	0.0032	26	0.21	0%	0
027.44	Magnesium, ICP, Dry ash (%)	2362	0.1620	0.0020	0.1604	0.0055	0.0032	26	0.30	1%	0
027.44	Magnesium, ICP, Dry ash (%)	2219	0.1630	0.0040	0.1604	0.0055	0.0032	26	0.48	1%	0
027.44	Magnesium, ICP, Dry ash (%)	0139	0.1635	0.0010	0.1604	0.0055	0.0032	26	0.57	1%	0
027.44	Magnesium, ICP, Dry ash (%)	2331	0.1635	0.0010	0.1604	0.0055	0.0032	26	0.57	1%	0
027.44	Magnesium, ICP, Dry ash (%)	2408	0.1640	0.0020	0.1604	0.0055	0.0032	26	0.66	1%	0
027.44	Magnesium, ICP, Dry ash (%)	1023	0.1665	0.0030	0.1604	0.0055	0.0032	26	1.11	2%	0
027.44	Magnesium, ICP, Dry ash (%)	1024	0.1705	0.0010	0.1604	0.0055	0.0032	26	1.84	3%	0
027.44	Magnesium, ICP, Dry ash (%)	1021	0.1710	0.0000	0.1604	0.0055	0.0032	26	1.93	3%	0
027.44	Magnesium, ICP, Dry ash (%)	1022	0.1745	0.0010	0.1604	0.0055	0.0032	26	2.57	4%	0
027.44	Magnesium, ICP, Dry ash (%)	2396	0.1230	0.0740	0.1604	0.0055	0.0032	26	-6.79	12%	1
027.52	Magnesium, ICP-MS, Open vessel (%)	0154	0.1534	0.0103				2			0
027.52	Magnesium, ICP-MS, Open vessel (%)	0186	0.1615	0.0018				2			0
027.53	Magnesium, ICP-MS, Microwave (%)	0553	0.1570	0.0040	0.1644	0.0053	0.0073	4			0
027.53	Magnesium, ICP-MS, Microwave (%)	0939	0.1650	0.0100	0.1644	0.0053	0.0073	4			0
027.53	Magnesium, ICP-MS, Microwave (%)	0504	0.1665	0.0070	0.1644	0.0053	0.0073	4			0
027.53	Magnesium, ICP-MS, Microwave (%)	0407	0.1693	0.0081	0.1644	0.0053	0.0073	4			0
027.99	Magnesium, Miscellaneous (%)	0242	0.1550	0.0100				3			0
027.99	Magnesium, Miscellaneous (%)	0100	0.1700	0.0000				3			0
027.99	Magnesium, Miscellaneous (%)	0123	0.1700	0.0000				3			0
028.00	Manganese, Color (ppm)	2392	43.50	3.000				1			0
028.31	Manganese, AAS, Dry ash (ppm)	0689	28.95	5.300	37.72	4.939	1.958	6	-1.78	12%	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			
028.31	Manganese, AAS, Dry ash (ppm)	0939	34.89	1.020	37.72	4.939	1.958	6	-0.57	4%	0
028.31	Manganese, AAS, Dry ash (ppm)	0001	38.66	0.3300	37.72	4.939	1.958	6	0.19	1%	0
028.31	Manganese, AAS, Dry ash (ppm)	0563	40.03	0.3800	37.72	4.939	1.958	6	0.47	3%	0
028.31	Manganese, AAS, Dry ash (ppm)	2196	40.44	0.0000	37.72	4.939	1.958	6	0.55	4%	0
028.31	Manganese, AAS, Dry ash (ppm)	0596	42.01	2.760	37.72	4.939	1.958	6	0.87	6%	0
028.41	Manganese, ICP, Dry ash (ppm)	0098	36.93	1.250	41.64	3.436	1.726	12	-1.37	6%	0
028.41	Manganese, ICP, Dry ash (ppm)	0004	38.13	0.2000	41.64	3.436	1.726	12	-1.02	4%	0
028.41	Manganese, ICP, Dry ash (ppm)	0407	38.96	1.336	41.64	3.436	1.726	12	-0.78	3%	0
028.41	Manganese, ICP, Dry ash (ppm)	0520	40.46	0.0710	41.64	3.436	1.726	12	-0.34	1%	0
028.41	Manganese, ICP, Dry ash (ppm)	0019	40.97	1.385	41.64	3.436	1.726	12	-0.20	1%	0
028.41	Manganese, ICP, Dry ash (ppm)	0208	41.10	0.3600	41.64	3.436	1.726	12	-0.16	1%	0
028.41	Manganese, ICP, Dry ash (ppm)	0598	41.39	0.6208	41.64	3.436	1.726	12	-0.07	0%	0
028.41	Manganese, ICP, Dry ash (ppm)	0358	41.92	3.190	41.64	3.436	1.726	12	0.08	0%	0
028.41	Manganese, ICP, Dry ash (ppm)	0148	42.08	4.521	41.64	3.436	1.726	12	0.13	1%	0
028.41	Manganese, ICP, Dry ash (ppm)	0226	44.89	1.170	41.64	3.436	1.726	12	0.94	4%	0
028.41	Manganese, ICP, Dry ash (ppm)	0229	46.08	2.560	41.64	3.436	1.726	12	1.29	5%	0
028.41	Manganese, ICP, Dry ash (ppm)	0049	83.42	5.290	41.64	3.436	1.726	12	12.16	50%	0
028.41	Manganese, ICP, Dry ash (ppm)	2396	30.16	18.16	41.64	3.436	1.726	12	-3.34	14%	1
028.42	Manganese, ICP, Open vessel (ppm)	0685	35.48	0.6000	40.99	3.287	1.540	22	-1.68	7%	0
028.42	Manganese, ICP, Open vessel (ppm)	2129	36.93	1.560	40.99	3.287	1.540	22	-1.24	5%	0
028.42	Manganese, ICP, Open vessel (ppm)	0186	37.85	0.3000	40.99	3.287	1.540	22	-0.96	4%	0
028.42	Manganese, ICP, Open vessel (ppm)	0504	37.90	8.200	40.99	3.287	1.540	22	-0.94	4%	0
028.42	Manganese, ICP, Open vessel (ppm)	0357	38.31	2.041	40.99	3.287	1.540	22	-0.81	3%	0
028.42	Manganese, ICP, Open vessel (ppm)	0009	38.50	1.000	40.99	3.287	1.540	22	-0.76	3%	0
028.42	Manganese, ICP, Open vessel (ppm)	0870	38.65	0.0400	40.99	3.287	1.540	22	-0.71	3%	0
028.42	Manganese, ICP, Open vessel (ppm)	2433	39.42	2.318	40.99	3.287	1.540	22	-0.48	2%	0
028.42	Manganese, ICP, Open vessel (ppm)	2319	39.50	0.6000	40.99	3.287	1.540	22	-0.45	2%	0
028.42	Manganese, ICP, Open vessel (ppm)	0263	40.72	0.2270	40.99	3.287	1.540	22	-0.08	0%	0
028.42	Manganese, ICP, Open vessel (ppm)	0026	40.73	2.641	40.99	3.287	1.540	22	-0.08	0%	0
028.42	Manganese, ICP, Open vessel (ppm)	0045	40.75	2.500	40.99	3.287	1.540	22	-0.07	0%	0
028.42	Manganese, ICP, Open vessel (ppm)	0693	41.50	1.000	40.99	3.287	1.540	22	0.15	1%	0
028.42	Manganese, ICP, Open vessel (ppm)	0035	41.97	0.2100	40.99	3.287	1.540	22	0.30	1%	0
028.42	Manganese, ICP, Open vessel (ppm)	0726	42.42	0.3800	40.99	3.287	1.540	22	0.43	2%	0
028.42	Manganese, ICP, Open vessel (ppm)	0278	43.00	6.000	40.99	3.287	1.540	22	0.61	2%	0
028.42	Manganese, ICP, Open vessel (ppm)	0366	43.00	0.0000	40.99	3.287	1.540	22	0.61	2%	0
028.42	Manganese, ICP, Open vessel (ppm)	0202	43.75	0.9000	40.99	3.287	1.540	22	0.84	3%	0
028.42	Manganese, ICP, Open vessel (ppm)	0190	44.26	0.2200	40.99	3.287	1.540	22	0.99	4%	0
028.42	Manganese, ICP, Open vessel (ppm)	0294	44.76	3.740	40.99	3.287	1.540	22	1.15	5%	0
028.42	Manganese, ICP, Open vessel (ppm)	0692	46.00	6.000	40.99	3.287	1.540	22	1.52	6%	0
028.42	Manganese, ICP, Open vessel (ppm)	0042	47.20	0.2000	40.99	3.287	1.540	22	1.89	8%	0
028.43	Manganese, ICP, Microwave (ppm)	0017	35.17	1.381	41.32	1.815	1.074	36	-3.39	7%	0
028.43	Manganese, ICP, Microwave (ppm)	0511	37.00	4.000	41.32	1.815	1.074	36	-2.38	5%	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			
028.43	Manganese, ICP, Microwave (ppm)	0510	38.00	0.0000	41.32	1.815	1.074	36	-1.83	4%	0
028.43	Manganese, ICP, Microwave (ppm)	2477	38.74	0.0600	41.32	1.815	1.074	36	-1.42	3%	0
028.43	Manganese, ICP, Microwave (ppm)	0010	39.15	2.700	41.32	1.815	1.074	36	-1.20	3%	0
028.43	Manganese, ICP, Microwave (ppm)	2441	39.40	0.2000	41.32	1.815	1.074	36	-1.06	2%	0
028.43	Manganese, ICP, Microwave (ppm)	2495	39.46	1.020	41.32	1.815	1.074	36	-1.03	2%	0
028.43	Manganese, ICP, Microwave (ppm)	0968	40.17	0.0290	41.32	1.815	1.074	36	-0.64	1%	0
028.43	Manganese, ICP, Microwave (ppm)	2023	40.20	1.400	41.32	1.815	1.074	36	-0.62	1%	0
028.43	Manganese, ICP, Microwave (ppm)	0407	40.21	0.0627	41.32	1.815	1.074	36	-0.61	1%	0
028.43	Manganese, ICP, Microwave (ppm)	0001	40.30	0.2000	41.32	1.815	1.074	36	-0.56	1%	0
028.43	Manganese, ICP, Microwave (ppm)	0098	40.58	0.6500	41.32	1.815	1.074	36	-0.41	1%	0
028.43	Manganese, ICP, Microwave (ppm)	0870	40.64	2.270	41.32	1.815	1.074	36	-0.38	1%	0
028.43	Manganese, ICP, Microwave (ppm)	0083	40.92	0.4200	41.32	1.815	1.074	36	-0.22	0%	0
028.43	Manganese, ICP, Microwave (ppm)	0033	41.00	0.2000	41.32	1.815	1.074	36	-0.18	0%	0
028.43	Manganese, ICP, Microwave (ppm)	0297	41.00	4.000	41.32	1.815	1.074	36	-0.18	0%	0
028.43	Manganese, ICP, Microwave (ppm)	2439	41.25	0.5000	41.32	1.815	1.074	36	-0.04	0%	0
028.43	Manganese, ICP, Microwave (ppm)	2479	41.42	1.930	41.32	1.815	1.074	36	0.05	0%	0
028.43	Manganese, ICP, Microwave (ppm)	2502	41.43	1.350	41.32	1.815	1.074	36	0.06	0%	0
028.43	Manganese, ICP, Microwave (ppm)	2435	41.65	0.5000	41.32	1.815	1.074	36	0.18	0%	0
028.43	Manganese, ICP, Microwave (ppm)	0675	41.71	0.2700	41.32	1.815	1.074	36	0.21	0%	0
028.43	Manganese, ICP, Microwave (ppm)	0354	41.89	0.9200	41.32	1.815	1.074	36	0.31	1%	0
028.43	Manganese, ICP, Microwave (ppm)	0028	41.96	2.908	41.32	1.815	1.074	36	0.35	1%	0
028.43	Manganese, ICP, Microwave (ppm)	0169	42.05	0.1000	41.32	1.815	1.074	36	0.40	1%	0
028.43	Manganese, ICP, Microwave (ppm)	2326	42.15	0.1000	41.32	1.815	1.074	36	0.45	1%	0
028.43	Manganese, ICP, Microwave (ppm)	0505	42.27	0.6600	41.32	1.815	1.074	36	0.52	1%	0
028.43	Manganese, ICP, Microwave (ppm)	0682	42.62	0.0000	41.32	1.815	1.074	36	0.71	2%	0
028.43	Manganese, ICP, Microwave (ppm)	2436	42.70	1.200	41.32	1.815	1.074	36	0.76	2%	0
028.43	Manganese, ICP, Microwave (ppm)	2473	42.70	0.6000	41.32	1.815	1.074	36	0.76	2%	0
028.43	Manganese, ICP, Microwave (ppm)	0035	42.90	1.730	41.32	1.815	1.074	36	0.86	2%	0
028.43	Manganese, ICP, Microwave (ppm)	0353	43.10	0.6000	41.32	1.815	1.074	36	0.98	2%	0
028.43	Manganese, ICP, Microwave (ppm)	2429	43.15	1.700	41.32	1.815	1.074	36	1.01	2%	0
028.43	Manganese, ICP, Microwave (ppm)	2438	43.15	0.3000	41.32	1.815	1.074	36	1.01	2%	0
028.43	Manganese, ICP, Microwave (ppm)	0610	43.95	0.1000	41.32	1.815	1.074	36	1.45	3%	0
028.43	Manganese, ICP, Microwave (ppm)	0964	44.05	4.300	41.32	1.815	1.074	36	1.50	3%	0
028.43	Manganese, ICP, Microwave (ppm)	2481	45.54	2.560	41.32	1.815	1.074	36	2.32	5%	0
028.44	Manganese, ICP, Dry ash (ppm)	2398	37.07	1.950	40.18	1.037	1.168	26	-3.00	4%	0
028.44	Manganese, ICP, Dry ash (ppm)	2420	38.84	0.3800	40.18	1.037	1.168	26	-1.29	2%	0
028.44	Manganese, ICP, Dry ash (ppm)	2395	38.96	0.2000	40.18	1.037	1.168	26	-1.17	2%	0
028.44	Manganese, ICP, Dry ash (ppm)	2362	39.17	0.7000	40.18	1.037	1.168	26	-0.97	1%	0
028.44	Manganese, ICP, Dry ash (ppm)	2156	39.31	0.7400	40.18	1.037	1.168	26	-0.84	1%	0
028.44	Manganese, ICP, Dry ash (ppm)	2421	39.34	1.120	40.18	1.037	1.168	26	-0.81	1%	0
028.44	Manganese, ICP, Dry ash (ppm)	2474	39.36	0.0000	40.18	1.037	1.168	26	-0.79	1%	0
028.44	Manganese, ICP, Dry ash (ppm)	2452	39.37	0.3000	40.18	1.037	1.168	26	-0.78	1%	0

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			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs			
028.44	Manganese, ICP, Dry ash (ppm)	0139	39.40	3.070	40.18	1.037	1.168	26	-0.75	1%	0
028.44	Manganese, ICP, Dry ash (ppm)	2426	39.45	0.5000	40.18	1.037	1.168	26	-0.70	1%	0
028.44	Manganese, ICP, Dry ash (ppm)	2408	40.06	2.480	40.18	1.037	1.168	26	-0.11	0%	0
028.44	Manganese, ICP, Dry ash (ppm)	2417	40.11	0.0100	40.18	1.037	1.168	26	-0.07	0%	0
028.44	Manganese, ICP, Dry ash (ppm)	2331	40.26	0.0600	40.18	1.037	1.168	26	0.08	0%	0
028.44	Manganese, ICP, Dry ash (ppm)	2293	40.33	0.8200	40.18	1.037	1.168	26	0.15	0%	0
028.44	Manganese, ICP, Dry ash (ppm)	2219	40.41	0.4300	40.18	1.037	1.168	26	0.22	0%	0
028.44	Manganese, ICP, Dry ash (ppm)	2418	40.72	2.420	40.18	1.037	1.168	26	0.52	1%	0
028.44	Manganese, ICP, Dry ash (ppm)	1024	40.73	0.0500	40.18	1.037	1.168	26	0.53	1%	0
028.44	Manganese, ICP, Dry ash (ppm)	2416	40.75	2.260	40.18	1.037	1.168	26	0.55	1%	0
028.44	Manganese, ICP, Dry ash (ppm)	2478	40.80	2.440	40.18	1.037	1.168	26	0.60	1%	0
028.44	Manganese, ICP, Dry ash (ppm)	2480	40.81	1.430	40.18	1.037	1.168	26	0.61	1%	0
028.44	Manganese, ICP, Dry ash (ppm)	2419	40.84	0.2900	40.18	1.037	1.168	26	0.63	1%	0
028.44	Manganese, ICP, Dry ash (ppm)	1023	40.97	1.030	40.18	1.037	1.168	26	0.76	1%	0
028.44	Manganese, ICP, Dry ash (ppm)	2422	40.99	4.920	40.18	1.037	1.168	26	0.78	1%	0
028.44	Manganese, ICP, Dry ash (ppm)	2424	41.57	2.790	40.18	1.037	1.168	26	1.34	2%	0
028.44	Manganese, ICP, Dry ash (ppm)	1022	42.60	0.0700	40.18	1.037	1.168	26	2.33	3%	0
028.44	Manganese, ICP, Dry ash (ppm)	1021	42.79	0.9200	40.18	1.037	1.168	26	2.52	3%	0
028.44	Manganese, ICP, Dry ash (ppm)	0066	26.15	0.5700	40.18	1.037	1.168	26	-13.53	17%	2
028.52	Manganese, ICP-MS, Open vessel (ppm)	0047	40.45	1.300				2			0
028.52	Manganese, ICP-MS, Open vessel (ppm)	0186	41.70	1.000				2			0
028.53	Manganese, ICP-MS, Microwave (ppm)	0043	36.65	0.3880	39.20	1.746	0.8415	7	-1.46	3%	0
028.53	Manganese, ICP-MS, Microwave (ppm)	0553	38.20	1.200	39.20	1.746	0.8415	7	-0.57	1%	0
028.53	Manganese, ICP-MS, Microwave (ppm)	0939	38.21	0.2200	39.20	1.746	0.8415	7	-0.57	1%	0
028.53	Manganese, ICP-MS, Microwave (ppm)	0407	40.09	1.541	39.20	1.746	0.8415	7	0.51	1%	0
028.53	Manganese, ICP-MS, Microwave (ppm)	0504	40.10	1.600	39.20	1.746	0.8415	7	0.52	1%	0
028.53	Manganese, ICP-MS, Microwave (ppm)	2192	40.15	0.1000	39.20	1.746	0.8415	7	0.54	1%	0
028.53	Manganese, ICP-MS, Microwave (ppm)	2428	41.00	0.0000	39.20	1.746	0.8415	7	1.03	2%	0
028.99	Manganese, Miscellaneous (ppm)	0242	38.00	0.0000				3			0
028.99	Manganese, Miscellaneous (ppm)	0100	41.00	0.0000				3			0
028.99	Manganese, Miscellaneous (ppm)	2302	45.44	0.3200				3			0
028.99	Manganese, Miscellaneous (ppm)	0123	40.95	3.500				3			1
030.01	Nitrate, Ion-selective electrode (%)	0357	0.0002	0.0004				0			4
031.01	Phosphorus, Photometric (%)	0108	0.7100	0.0200	0.7748	0.0356	0.0148	21	-1.82	4%	0
031.01	Phosphorus, Photometric (%)	2491	0.7300	0.0040	0.7748	0.0356	0.0148	21	-1.26	3%	0
031.01	Phosphorus, Photometric (%)	0596	0.7350	0.0100	0.7748	0.0356	0.0148	21	-1.12	3%	0
031.01	Phosphorus, Photometric (%)	0687	0.7400	0.0600	0.7748	0.0356	0.0148	21	-0.98	2%	0
031.01	Phosphorus, Photometric (%)	2506	0.7400	0.0200	0.7748	0.0356	0.0148	21	-0.98	2%	0
031.01	Phosphorus, Photometric (%)	2486	0.7525	0.0310	0.7748	0.0356	0.0148	21	-0.63	1%	0
031.01	Phosphorus, Photometric (%)	2006	0.7600	0.0200	0.7748	0.0356	0.0148	21	-0.42	1%	0
031.01	Phosphorus, Photometric (%)	0563	0.7677	0.0166	0.7748	0.0356	0.0148	21	-0.20	0%	0
031.01	Phosphorus, Photometric (%)	0142	0.7706	0.0170	0.7748	0.0356	0.0148	21	-0.12	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			
031.01	Phosphorus, Photometric (%)	2144	0.7750	0.0100	0.7748	0.0356	0.0148	21	0.00	0%	0
031.01	Phosphorus, Photometric (%)	2196	0.7760	0.0000	0.7748	0.0356	0.0148	21	0.03	0%	0
031.01	Phosphorus, Photometric (%)	2009	0.7771	0.0071	0.7748	0.0356	0.0148	21	0.06	0%	0
031.01	Phosphorus, Photometric (%)	0656	0.7800	0.0000	0.7748	0.0356	0.0148	21	0.14	0%	0
031.01	Phosphorus, Photometric (%)	2146	0.7850	0.0100	0.7748	0.0356	0.0148	21	0.29	1%	0
031.01	Phosphorus, Photometric (%)	2181	0.7850	0.0100	0.7748	0.0356	0.0148	21	0.29	1%	0
031.01	Phosphorus, Photometric (%)	0939	0.7900	0.0200	0.7748	0.0356	0.0148	21	0.43	1%	0
031.01	Phosphorus, Photometric (%)	0884	0.8000	0.0200	0.7748	0.0356	0.0148	21	0.71	2%	0
031.01	Phosphorus, Photometric (%)	0689	0.8150	0.0100	0.7748	0.0356	0.0148	21	1.13	3%	0
031.01	Phosphorus, Photometric (%)	2192	0.8150	0.0100	0.7748	0.0356	0.0148	21	1.13	3%	0
031.01	Phosphorus, Photometric (%)	2397	0.8450	0.0100	0.7748	0.0356	0.0148	21	1.97	5%	0
031.01	Phosphorus, Photometric (%)	2373	0.9200	0.0000	0.7748	0.0356	0.0148	21	4.08	9%	0
031.01	Phosphorus, Photometric (%)	2489	0.3950	0.0900	0.7748	0.0356	0.0148	21	-10.68	25%	1
031.02	Phosphorus, GQMP (AOAC 935.13-Extraction)	2392	0.8250	0.0100				1			0
031.03	Phosphorus, Autoanalyzer (%)	0169	0.7850	0.0100				2			0
031.03	Phosphorus, Autoanalyzer (%)	0001	0.7932	0.0043				2			0
031.06	Phosphorus, Hach Method (%)	0536	0.7200	0.0200				1			0
031.41	Phosphorus, ICP, Dry ash (%)	0049	0.5950	0.0300	0.7696	0.0375	0.0169	17	-4.65	11%	0
031.41	Phosphorus, ICP, Dry ash (%)	0019	0.7250	0.0000	0.7696	0.0375	0.0169	17	-1.19	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0098	0.7336	0.0301	0.7696	0.0375	0.0169	17	-0.96	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0004	0.7450	0.0100	0.7696	0.0375	0.0169	17	-0.65	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0520	0.7541	0.0093	0.7696	0.0375	0.0169	17	-0.41	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0407	0.7547	0.0131	0.7696	0.0375	0.0169	17	-0.40	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0598	0.7557	0.0016	0.7696	0.0375	0.0169	17	-0.37	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0144	0.7650	0.0100	0.7696	0.0375	0.0169	17	-0.12	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0226	0.7650	0.0100	0.7696	0.0375	0.0169	17	-0.12	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0229	0.7650	0.0100	0.7696	0.0375	0.0169	17	-0.12	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0208	0.7795	0.0050	0.7696	0.0375	0.0169	17	0.27	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	1020	0.7800	0.0000	0.7696	0.0375	0.0169	17	0.28	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0358	0.7850	0.0300	0.7696	0.0375	0.0169	17	0.41	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0848	0.7900	0.0200	0.7696	0.0375	0.0169	17	0.55	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0685	0.8200	0.0200	0.7696	0.0375	0.0169	17	1.34	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	2259	0.8270	0.0200	0.7696	0.0375	0.0169	17	1.53	4%	0
031.41	Phosphorus, ICP, Dry ash (%)	0148	0.8530	0.0460	0.7696	0.0375	0.0169	17	2.22	5%	0
031.42	Phosphorus, ICP, Open vessel (%)	0294	0.7100	0.0200	0.7729	0.0335	0.0199	21	-1.88	4%	0
031.42	Phosphorus, ICP, Open vessel (%)	0009	0.7156	0.0487	0.7729	0.0335	0.0199	21	-1.71	4%	0
031.42	Phosphorus, ICP, Open vessel (%)	2129	0.7345	0.0447	0.7729	0.0335	0.0199	21	-1.15	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	2433	0.7465	0.0008	0.7729	0.0335	0.0199	21	-0.79	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0357	0.7511	0.0109	0.7729	0.0335	0.0199	21	-0.65	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0045	0.7555	0.0270	0.7729	0.0335	0.0199	21	-0.52	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0504	0.7605	0.0190	0.7729	0.0335	0.0199	21	-0.37	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0026	0.7625	0.0830	0.7729	0.0335	0.0199	21	-0.31	1%	0

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			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs			
031.42	Phosphorus, ICP, Open vessel (%)	0035	0.7650	0.0100	0.7729	0.0335	0.0199	21	-0.24	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0042	0.7735	0.0070	0.7729	0.0335	0.0199	21	0.02	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0263	0.7745	0.0010	0.7729	0.0335	0.0199	21	0.05	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0186	0.7752	0.0095	0.7729	0.0335	0.0199	21	0.07	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0870	0.7798	0.0041	0.7729	0.0335	0.0199	21	0.21	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0278	0.7800	0.0200	0.7729	0.0335	0.0199	21	0.21	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0693	0.7800	0.0200	0.7729	0.0335	0.0199	21	0.21	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	2319	0.7805	0.0090	0.7729	0.0335	0.0199	21	0.23	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0366	0.7900	0.0000	0.7729	0.0335	0.0199	21	0.51	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0190	0.8100	0.0000	0.7729	0.0335	0.0199	21	1.11	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0692	0.8200	0.0800	0.7729	0.0335	0.0199	21	1.41	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	0726	0.8300	0.0000	0.7729	0.0335	0.0199	21	1.71	4%	0
031.42	Phosphorus, ICP, Open vessel (%)	0202	0.8360	0.0100	0.7729	0.0335	0.0199	21	1.88	4%	0
031.43	Phosphorus, ICP, Microwave (%)	0226	0.6450	0.0100	0.7972	0.0300	0.0235	41	-5.08	10%	0
031.43	Phosphorus, ICP, Microwave (%)	0089	0.7400	0.0000	0.7972	0.0300	0.0235	41	-1.91	4%	0
031.43	Phosphorus, ICP, Microwave (%)	2326	0.7490	0.0340	0.7972	0.0300	0.0235	41	-1.61	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0297	0.7550	0.0300	0.7972	0.0300	0.0235	41	-1.41	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0511	0.7600	0.0000	0.7972	0.0300	0.0235	41	-1.24	2%	0
031.43	Phosphorus, ICP, Microwave (%)	2477	0.7600	0.0000	0.7972	0.0300	0.0235	41	-1.24	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0010	0.7700	0.0200	0.7972	0.0300	0.0235	41	-0.91	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0682	0.7700	0.0000	0.7972	0.0300	0.0235	41	-0.91	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0083	0.7750	0.0360	0.7972	0.0300	0.0235	41	-0.74	1%	0
031.43	Phosphorus, ICP, Microwave (%)	2495	0.7750	0.0100	0.7972	0.0300	0.0235	41	-0.74	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0035	0.7800	0.0200	0.7972	0.0300	0.0235	41	-0.57	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0610	0.7800	0.0000	0.7972	0.0300	0.0235	41	-0.57	1%	0
031.43	Phosphorus, ICP, Microwave (%)	2479	0.7800	0.0200	0.7972	0.0300	0.0235	41	-0.57	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0001	0.7825	0.0410	0.7972	0.0300	0.0235	41	-0.49	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0675	0.7850	0.0100	0.7972	0.0300	0.0235	41	-0.41	1%	0
031.43	Phosphorus, ICP, Microwave (%)	2441	0.7850	0.0100	0.7972	0.0300	0.0235	41	-0.41	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0033	0.7895	0.0030	0.7972	0.0300	0.0235	41	-0.26	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0098	0.7895	0.0112	0.7972	0.0300	0.0235	41	-0.26	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0968	0.7945	0.0050	0.7972	0.0300	0.0235	41	-0.09	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0848	0.7950	0.0100	0.7972	0.0300	0.0235	41	-0.07	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0407	0.7993	0.0339	0.7972	0.0300	0.0235	41	0.07	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0510	0.8000	0.0000	0.7972	0.0300	0.0235	41	0.09	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0964	0.8009	0.0323	0.7972	0.0300	0.0235	41	0.12	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0300	0.8075	0.0190	0.7972	0.0300	0.0235	41	0.34	1%	0
031.43	Phosphorus, ICP, Microwave (%)	2439	0.8075	0.0222	0.7972	0.0300	0.0235	41	0.34	1%	0
031.43	Phosphorus, ICP, Microwave (%)	2502	0.8100	0.0200	0.7972	0.0300	0.0235	41	0.43	1%	0
031.43	Phosphorus, ICP, Microwave (%)	2436	0.8131	0.0419	0.7972	0.0300	0.0235	41	0.53	1%	0
031.43	Phosphorus, ICP, Microwave (%)	2473	0.8131	0.0140	0.7972	0.0300	0.0235	41	0.53	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0354	0.8140	0.0020	0.7972	0.0300	0.0235	41	0.56	1%	0

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031.43	Phosphorus, ICP, Microwave (%)	0870	0.8185	0.0213	0.7972	0.0300	0.0235	41	0.71	1%	0
031.43	Phosphorus, ICP, Microwave (%)	2481	0.8200	0.0000	0.7972	0.0300	0.0235	41	0.76	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0018	0.8205	0.0490	0.7972	0.0300	0.0235	41	0.78	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0028	0.8205	0.0290	0.7972	0.0300	0.0235	41	0.78	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0043	0.8246	0.0250	0.7972	0.0300	0.0235	41	0.91	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0505	0.8260	0.0200	0.7972	0.0300	0.0235	41	0.96	2%	0
031.43	Phosphorus, ICP, Microwave (%)	2429	0.8270	0.0393	0.7972	0.0300	0.0235	41	0.99	2%	0
031.43	Phosphorus, ICP, Microwave (%)	2023	0.8300	0.0240	0.7972	0.0300	0.0235	41	1.09	2%	0
031.43	Phosphorus, ICP, Microwave (%)	2435	0.8339	0.0671	0.7972	0.0300	0.0235	41	1.22	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0036	0.8376	0.0642	0.7972	0.0300	0.0235	41	1.35	3%	0
031.43	Phosphorus, ICP, Microwave (%)	2438	0.8392	0.0045	0.7972	0.0300	0.0235	41	1.40	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0353	0.8400	0.0400	0.7972	0.0300	0.0235	41	1.43	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0017	1.077	0.6180	0.7972	0.0300	0.0235	41	9.32	18%	1
031.44	Phosphorus, ICP, Dry ash (%)	2398	0.6950	0.0500	0.7454	0.0261	0.0217	28	-1.93	3%	0
031.44	Phosphorus, ICP, Dry ash (%)	2426	0.7100	0.0000	0.7454	0.0261	0.0217	28	-1.36	2%	0
031.44	Phosphorus, ICP, Dry ash (%)	0066	0.7105	0.0130	0.7454	0.0261	0.0217	28	-1.34	2%	0
031.44	Phosphorus, ICP, Dry ash (%)	2421	0.7200	0.0000	0.7454	0.0261	0.0217	28	-0.97	2%	0
031.44	Phosphorus, ICP, Dry ash (%)	2420	0.7250	0.0300	0.7454	0.0261	0.0217	28	-0.78	1%	0
031.44	Phosphorus, ICP, Dry ash (%)	2452	0.7250	0.0100	0.7454	0.0261	0.0217	28	-0.78	1%	0
031.44	Phosphorus, ICP, Dry ash (%)	0139	0.7300	0.0600	0.7454	0.0261	0.0217	28	-0.59	1%	0
031.44	Phosphorus, ICP, Dry ash (%)	2362	0.7300	0.0000	0.7454	0.0261	0.0217	28	-0.59	1%	0
031.44	Phosphorus, ICP, Dry ash (%)	2417	0.7300	0.0000	0.7454	0.0261	0.0217	28	-0.59	1%	0
031.44	Phosphorus, ICP, Dry ash (%)	2474	0.7300	0.0000	0.7454	0.0261	0.0217	28	-0.59	1%	0
031.44	Phosphorus, ICP, Dry ash (%)	2156	0.7350	0.0100	0.7454	0.0261	0.0217	28	-0.40	1%	0
031.44	Phosphorus, ICP, Dry ash (%)	2395	0.7350	0.0100	0.7454	0.0261	0.0217	28	-0.40	1%	0
031.44	Phosphorus, ICP, Dry ash (%)	2293	0.7450	0.0100	0.7454	0.0261	0.0217	28	-0.01	0%	0
031.44	Phosphorus, ICP, Dry ash (%)	2408	0.7450	0.0300	0.7454	0.0261	0.0217	28	-0.01	0%	0
031.44	Phosphorus, ICP, Dry ash (%)	2424	0.7450	0.0500	0.7454	0.0261	0.0217	28	-0.01	0%	0
031.44	Phosphorus, ICP, Dry ash (%)	2416	0.7500	0.0200	0.7454	0.0261	0.0217	28	0.18	0%	0
031.44	Phosphorus, ICP, Dry ash (%)	2418	0.7500	0.0200	0.7454	0.0261	0.0217	28	0.18	0%	0
031.44	Phosphorus, ICP, Dry ash (%)	2419	0.7500	0.0000	0.7454	0.0261	0.0217	28	0.18	0%	0
031.44	Phosphorus, ICP, Dry ash (%)	2422	0.7500	0.0400	0.7454	0.0261	0.0217	28	0.18	0%	0
031.44	Phosphorus, ICP, Dry ash (%)	2331	0.7550	0.0100	0.7454	0.0261	0.0217	28	0.37	1%	0
031.44	Phosphorus, ICP, Dry ash (%)	2219	0.7600	0.0200	0.7454	0.0261	0.0217	28	0.56	1%	0
031.44	Phosphorus, ICP, Dry ash (%)	2445	0.7600	0.0200	0.7454	0.0261	0.0217	28	0.56	1%	0
031.44	Phosphorus, ICP, Dry ash (%)	1023	0.7650	0.0100	0.7454	0.0261	0.0217	28	0.75	1%	0
031.44	Phosphorus, ICP, Dry ash (%)	2478	0.7750	0.0100	0.7454	0.0261	0.0217	28	1.14	2%	0
031.44	Phosphorus, ICP, Dry ash (%)	1024	0.7800	0.0000	0.7454	0.0261	0.0217	28	1.33	2%	0
031.44	Phosphorus, ICP, Dry ash (%)	1021	0.7950	0.0100	0.7454	0.0261	0.0217	28	1.90	3%	0
031.44	Phosphorus, ICP, Dry ash (%)	2480	0.8150	0.0300	0.7454	0.0261	0.0217	28	2.67	5%	0
031.44	Phosphorus, ICP, Dry ash (%)	1022	0.8700	0.0000	0.7454	0.0261	0.0217	28	4.78	8%	0
031.44	Phosphorus, ICP, Dry ash (%)	2396	0.7050	0.0900	0.7454	0.0261	0.0217	28	-1.55	3%	1

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031.51	Phosphorus, ICP-MS, Dry ash (%)	2146	0.7300	0.0200				1			0
031.52	Phosphorus, ICP-MS, Open vessel (%)	0186	0.7239	0.0041				2			0
031.52	Phosphorus, ICP-MS, Open vessel (%)	0154	0.7438	0.0053				2			0
031.53	Phosphorus, ICP-MS, Microwave (%)	0504	0.7450	0.0300	0.8052	0.0496	0.0268	5			0
031.53	Phosphorus, ICP-MS, Microwave (%)	0553	0.7810	0.0100	0.8052	0.0496	0.0268	5			0
031.53	Phosphorus, ICP-MS, Microwave (%)	0407	0.7900	0.0140	0.8052	0.0496	0.0268	5			0
031.53	Phosphorus, ICP-MS, Microwave (%)	0939	0.8400	0.0200	0.8052	0.0496	0.0268	5			0
031.53	Phosphorus, ICP-MS, Microwave (%)	2428	0.8700	0.0600	0.8052	0.0496	0.0268	5			0
031.99	Phosphorus, Miscellaneous (%)	2302	0.6300	0.0600	0.7233	0.0652	0.0255	6	-1.43	6%	0
031.99	Phosphorus, Miscellaneous (%)	0242	0.6950	0.0300	0.7233	0.0652	0.0255	6	-0.43	2%	0
031.99	Phosphorus, Miscellaneous (%)	0676	0.7250	0.0300	0.7233	0.0652	0.0255	6	0.03	0%	0
031.99	Phosphorus, Miscellaneous (%)	0100	0.7350	0.0100	0.7233	0.0652	0.0255	6	0.18	1%	0
031.99	Phosphorus, Miscellaneous (%)	2490	0.7550	0.0100	0.7233	0.0652	0.0255	6	0.49	2%	0
031.99	Phosphorus, Miscellaneous (%)	0123	0.8000	0.0200	0.7233	0.0652	0.0255	6	1.18	5%	0
032.31	Potassium, AAS, Dry ash (%)	0563	0.8900	0.0070				3			0
032.31	Potassium, AAS, Dry ash (%)	0939	0.9000	0.0000				3			0
032.31	Potassium, AAS, Dry ash (%)	2196	0.9100	0.0000				3			0
032.31	Potassium, AAS, Dry ash (%)	0142	0.9246	0.0694				3			1
032.41	Potassium, ICP, Dry ash (%)	0407	0.8381	0.0372	0.9025	0.0406	0.0287	14	-1.59	4%	0
032.41	Potassium, ICP, Dry ash (%)	0910	0.8650	0.0100	0.9025	0.0406	0.0287	14	-0.92	2%	0
032.41	Potassium, ICP, Dry ash (%)	0144	0.8700	0.0000	0.9025	0.0406	0.0287	14	-0.80	2%	0
032.41	Potassium, ICP, Dry ash (%)	0229	0.8700	0.0600	0.9025	0.0406	0.0287	14	-0.80	2%	0
032.41	Potassium, ICP, Dry ash (%)	0098	0.8750	0.0300	0.9025	0.0406	0.0287	14	-0.68	2%	0
032.41	Potassium, ICP, Dry ash (%)	0226	0.8850	0.0100	0.9025	0.0406	0.0287	14	-0.43	1%	0
032.41	Potassium, ICP, Dry ash (%)	0520	0.9048	0.0225	0.9025	0.0406	0.0287	14	0.05	0%	0
032.41	Potassium, ICP, Dry ash (%)	1020	0.9100	0.0000	0.9025	0.0406	0.0287	14	0.18	0%	0
032.41	Potassium, ICP, Dry ash (%)	0358	0.9150	0.0100	0.9025	0.0406	0.0287	14	0.31	1%	0
032.41	Potassium, ICP, Dry ash (%)	0066	0.9210	0.0960	0.9025	0.0406	0.0287	14	0.46	1%	0
032.41	Potassium, ICP, Dry ash (%)	0208	0.9245	0.0110	0.9025	0.0406	0.0287	14	0.54	1%	0
032.41	Potassium, ICP, Dry ash (%)	0148	0.9450	0.0240	0.9025	0.0406	0.0287	14	1.05	2%	0
032.41	Potassium, ICP, Dry ash (%)	0598	0.9450	0.0028	0.9025	0.0406	0.0287	14	1.05	2%	0
032.41	Potassium, ICP, Dry ash (%)	0049	1.010	0.0600	0.9025	0.0406	0.0287	14	2.65	6%	0
032.42	Potassium, ICP, Open vessel (%)	2129	0.7936	0.0096	0.9345	0.0685	0.0213	18	-2.06	8%	0
032.42	Potassium, ICP, Open vessel (%)	2433	0.8436	0.0377	0.9345	0.0685	0.0213	18	-1.33	5%	0
032.42	Potassium, ICP, Open vessel (%)	0357	0.8565	0.0226	0.9345	0.0685	0.0213	18	-1.14	4%	0
032.42	Potassium, ICP, Open vessel (%)	0045	0.8910	0.0420	0.9345	0.0685	0.0213	18	-0.63	2%	0
032.42	Potassium, ICP, Open vessel (%)	0294	0.8950	0.0100	0.9345	0.0685	0.0213	18	-0.58	2%	0
032.42	Potassium, ICP, Open vessel (%)	0035	0.9000	0.0200	0.9345	0.0685	0.0213	18	-0.50	2%	0
032.42	Potassium, ICP, Open vessel (%)	0504	0.9070	0.0080	0.9345	0.0685	0.0213	18	-0.40	1%	0
032.42	Potassium, ICP, Open vessel (%)	0042	0.9155	0.0070	0.9345	0.0685	0.0213	18	-0.28	1%	0
032.42	Potassium, ICP, Open vessel (%)	0278	0.9350	0.0300	0.9345	0.0685	0.0213	18	0.01	0%	0
032.42	Potassium, ICP, Open vessel (%)	0870	0.9354	0.0023	0.9345	0.0685	0.0213	18	0.01	0%	0

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			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs			
032.42	Potassium, ICP, Open vessel (%)	0693	0.9450	0.0300	0.9345	0.0685	0.0213	18	0.15	1%	0
032.42	Potassium, ICP, Open vessel (%)	0202	0.9605	0.0370	0.9345	0.0685	0.0213	18	0.38	1%	0
032.42	Potassium, ICP, Open vessel (%)	0263	0.9695	0.0110	0.9345	0.0685	0.0213	18	0.51	2%	0
032.42	Potassium, ICP, Open vessel (%)	0186	0.9726	0.0081	0.9345	0.0685	0.0213	18	0.56	2%	0
032.42	Potassium, ICP, Open vessel (%)	0692	0.9850	0.0700	0.9345	0.0685	0.0213	18	0.74	3%	0
032.42	Potassium, ICP, Open vessel (%)	0366	1.010	0.0200	0.9345	0.0685	0.0213	18	1.10	4%	0
032.42	Potassium, ICP, Open vessel (%)	0726	1.030	0.0000	0.9345	0.0685	0.0213	18	1.39	5%	0
032.42	Potassium, ICP, Open vessel (%)	0190	1.050	0.0000	0.9345	0.0685	0.0213	18	1.69	6%	0
032.43	Potassium, ICP, Microwave (%)	0083	0.8500	0.0000	0.9244	0.0353	0.0194	32	-2.11	4%	0
032.43	Potassium, ICP, Microwave (%)	0968	0.8710	0.0120	0.9244	0.0353	0.0194	32	-1.51	3%	0
032.43	Potassium, ICP, Microwave (%)	2477	0.8750	0.0300	0.9244	0.0353	0.0194	32	-1.40	3%	0
032.43	Potassium, ICP, Microwave (%)	0407	0.8811	0.0358	0.9244	0.0353	0.0194	32	-1.23	2%	0
032.43	Potassium, ICP, Microwave (%)	0098	0.8850	0.0500	0.9244	0.0353	0.0194	32	-1.12	2%	0
032.43	Potassium, ICP, Microwave (%)	0089	0.8900	0.0000	0.9244	0.0353	0.0194	32	-0.97	2%	0
032.43	Potassium, ICP, Microwave (%)	0035	0.8950	0.0300	0.9244	0.0353	0.0194	32	-0.83	2%	0
032.43	Potassium, ICP, Microwave (%)	0610	0.9000	0.0000	0.9244	0.0353	0.0194	32	-0.69	1%	0
032.43	Potassium, ICP, Microwave (%)	2023	0.9030	0.0040	0.9244	0.0353	0.0194	32	-0.61	1%	0
032.43	Potassium, ICP, Microwave (%)	0036	0.9047	0.0030	0.9244	0.0353	0.0194	32	-0.56	1%	0
032.43	Potassium, ICP, Microwave (%)	2441	0.9100	0.0000	0.9244	0.0353	0.0194	32	-0.41	1%	0
032.43	Potassium, ICP, Microwave (%)	0510	0.9200	0.0000	0.9244	0.0353	0.0194	32	-0.12	0%	0
032.43	Potassium, ICP, Microwave (%)	0682	0.9200	0.0000	0.9244	0.0353	0.0194	32	-0.12	0%	0
032.43	Potassium, ICP, Microwave (%)	2473	0.9227	0.0071	0.9244	0.0353	0.0194	32	-0.05	0%	0
032.43	Potassium, ICP, Microwave (%)	2495	0.9250	0.0100	0.9244	0.0353	0.0194	32	0.02	0%	0
032.43	Potassium, ICP, Microwave (%)	2502	0.9250	0.0300	0.9244	0.0353	0.0194	32	0.02	0%	0
032.43	Potassium, ICP, Microwave (%)	2439	0.9254	0.0141	0.9244	0.0353	0.0194	32	0.03	0%	0
032.43	Potassium, ICP, Microwave (%)	0353	0.9300	0.0400	0.9244	0.0353	0.0194	32	0.16	0%	0
032.43	Potassium, ICP, Microwave (%)	0033	0.9345	0.0070	0.9244	0.0353	0.0194	32	0.29	1%	0
032.43	Potassium, ICP, Microwave (%)	2429	0.9346	0.0043	0.9244	0.0353	0.0194	32	0.29	1%	0
032.43	Potassium, ICP, Microwave (%)	2436	0.9346	0.0293	0.9244	0.0353	0.0194	32	0.29	1%	0
032.43	Potassium, ICP, Microwave (%)	2438	0.9355	0.0032	0.9244	0.0353	0.0194	32	0.32	1%	0
032.43	Potassium, ICP, Microwave (%)	2435	0.9384	0.0219	0.9244	0.0353	0.0194	32	0.40	1%	0
032.43	Potassium, ICP, Microwave (%)	2479	0.9400	0.0200	0.9244	0.0353	0.0194	32	0.44	1%	0
032.43	Potassium, ICP, Microwave (%)	0354	0.9405	0.0090	0.9244	0.0353	0.0194	32	0.46	1%	0
032.43	Potassium, ICP, Microwave (%)	0675	0.9450	0.0100	0.9244	0.0353	0.0194	32	0.59	1%	0
032.43	Potassium, ICP, Microwave (%)	0870	0.9543	0.0125	0.9244	0.0353	0.0194	32	0.85	2%	0
032.43	Potassium, ICP, Microwave (%)	2326	0.9610	0.0100	0.9244	0.0353	0.0194	32	1.04	2%	0
032.43	Potassium, ICP, Microwave (%)	0297	0.9750	0.0700	0.9244	0.0353	0.0194	32	1.44	3%	0
032.43	Potassium, ICP, Microwave (%)	2481	1.000	0.0000	0.9244	0.0353	0.0194	32	2.15	4%	0
032.43	Potassium, ICP, Microwave (%)	0964	1.121	0.0291	0.9244	0.0353	0.0194	32	5.57	11%	0
032.43	Potassium, ICP, Microwave (%)	0226	1.125	0.0300	0.9244	0.0353	0.0194	32	5.69	11%	0
032.44	Potassium, ICP, Dry ash (%)	2398	0.8250	0.0500	0.9054	0.0225	0.0242	26	-3.57	4%	0
032.44	Potassium, ICP, Dry ash (%)	2420	0.8800	0.0200	0.9054	0.0225	0.0242	26	-1.13	1%	0

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032.44	Potassium, ICP, Dry ash (%)	2421	0.8800	0.0000	0.9054	0.0225	0.0242	26	-1.13	1%	0
032.44	Potassium, ICP, Dry ash (%)	2426	0.8800	0.0000	0.9054	0.0225	0.0242	26	-1.13	1%	0
032.44	Potassium, ICP, Dry ash (%)	2452	0.8850	0.0100	0.9054	0.0225	0.0242	26	-0.90	1%	0
032.44	Potassium, ICP, Dry ash (%)	2156	0.8900	0.0200	0.9054	0.0225	0.0242	26	-0.68	1%	0
032.44	Potassium, ICP, Dry ash (%)	2293	0.8900	0.0000	0.9054	0.0225	0.0242	26	-0.68	1%	0
032.44	Potassium, ICP, Dry ash (%)	2395	0.8900	0.0200	0.9054	0.0225	0.0242	26	-0.68	1%	0
032.44	Potassium, ICP, Dry ash (%)	2474	0.8900	0.0000	0.9054	0.0225	0.0242	26	-0.68	1%	0
032.44	Potassium, ICP, Dry ash (%)	2478	0.8900	0.0200	0.9054	0.0225	0.0242	26	-0.68	1%	0
032.44	Potassium, ICP, Dry ash (%)	2417	0.8950	0.0100	0.9054	0.0225	0.0242	26	-0.46	1%	0
032.44	Potassium, ICP, Dry ash (%)	0139	0.9000	0.0200	0.9054	0.0225	0.0242	26	-0.24	0%	0
032.44	Potassium, ICP, Dry ash (%)	2362	0.9100	0.0200	0.9054	0.0225	0.0242	26	0.20	0%	0
032.44	Potassium, ICP, Dry ash (%)	2408	0.9100	0.0200	0.9054	0.0225	0.0242	26	0.20	0%	0
032.44	Potassium, ICP, Dry ash (%)	2418	0.9100	0.0400	0.9054	0.0225	0.0242	26	0.20	0%	0
032.44	Potassium, ICP, Dry ash (%)	2419	0.9100	0.0000	0.9054	0.0225	0.0242	26	0.20	0%	0
032.44	Potassium, ICP, Dry ash (%)	1023	0.9150	0.0300	0.9054	0.0225	0.0242	26	0.43	1%	0
032.44	Potassium, ICP, Dry ash (%)	2219	0.9150	0.0100	0.9054	0.0225	0.0242	26	0.43	1%	0
032.44	Potassium, ICP, Dry ash (%)	2422	0.9200	0.0600	0.9054	0.0225	0.0242	26	0.65	1%	0
032.44	Potassium, ICP, Dry ash (%)	2424	0.9200	0.0600	0.9054	0.0225	0.0242	26	0.65	1%	0
032.44	Potassium, ICP, Dry ash (%)	2331	0.9200	0.0000	0.9054	0.0225	0.0242	26	0.65	1%	0
032.44	Potassium, ICP, Dry ash (%)	2480	0.9250	0.0300	0.9054	0.0225	0.0242	26	0.87	1%	0
032.44	Potassium, ICP, Dry ash (%)	2416	0.9300	0.0200	0.9054	0.0225	0.0242	26	1.09	1%	0
032.44	Potassium, ICP, Dry ash (%)	1024	0.9350	0.0100	0.9054	0.0225	0.0242	26	1.31	2%	0
032.44	Potassium, ICP, Dry ash (%)	1021	0.9500	0.0000	0.9054	0.0225	0.0242	26	1.98	2%	0
032.44	Potassium, ICP, Dry ash (%)	1022	0.9700	0.0000	0.9054	0.0225	0.0242	26	2.87	4%	0
032.44	Potassium, ICP, Dry ash (%)	2396	0.8150	0.1500	0.9054	0.0225	0.0242	26	-4.01	5%	1
032.52	Potassium, ICP-MS, Open vessel (%)	0154	0.7864	0.0137				3			0
032.52	Potassium, ICP-MS, Open vessel (%)	0186	0.8769	0.0065				3			0
032.52	Potassium, ICP-MS, Open vessel (%)	2319	0.9295	0.0170				3			0
032.53	Potassium, ICP-MS, Microwave (%)	0553	0.8635	0.0030				3			0
032.53	Potassium, ICP-MS, Microwave (%)	0504	0.8955	0.0050				3			0
032.53	Potassium, ICP-MS, Microwave (%)	0939	0.9450	0.0100				3			0
032.53	Potassium, ICP-MS, Microwave (%)	0407	0.9113	0.0623				3			1
032.99	Potassium, Miscellaneous (%)	0242	0.8350	0.0100				3			0
032.99	Potassium, Miscellaneous (%)	0100	0.9150	0.0100				3			0
032.99	Potassium, Miscellaneous (%)	0123	0.9450	0.0100				3			0
033.00	Salt as chloride, Sol Cl (%)	2506	0.2650	0.0100	1.265	0.1059	0.0252	14	-9.45	40%	0
033.00	Salt as chloride, Sol Cl (%)	0675	0.9400	0.0200	1.265	0.1059	0.0252	14	-3.07	13%	0
033.00	Salt as chloride, Sol Cl (%)	0366	1.160	0.0200	1.265	0.1059	0.0252	14	-1.00	4%	0
033.00	Salt as chloride, Sol Cl (%)	0045	1.205	0.0300	1.265	0.1059	0.0252	14	-0.57	2%	0
033.00	Salt as chloride, Sol Cl (%)	0123	1.240	0.0200	1.265	0.1059	0.0252	14	-0.24	1%	0
033.00	Salt as chloride, Sol Cl (%)	2009	1.244	0.0159	1.265	0.1059	0.0252	14	-0.21	1%	0
033.00	Salt as chloride, Sol Cl (%)	0353	1.280	0.0400	1.265	0.1059	0.0252	14	0.14	1%	0

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033.00	Salt as chloride, Sol Cl (%)	0539	1.285	0.0300	1.265	0.1059	0.0252	14	0.19	1%	0
033.00	Salt as chloride, Sol Cl (%)	0511	1.300	0.0800	1.265	0.1059	0.0252	14	0.33	1%	0
033.00	Salt as chloride, Sol Cl (%)	0884	1.330	0.0400	1.265	0.1059	0.0252	14	0.61	3%	0
033.00	Salt as chloride, Sol Cl (%)	0309	1.334	0.0210	1.265	0.1059	0.0252	14	0.65	3%	0
033.00	Salt as chloride, Sol Cl (%)	2146	1.365	0.0100	1.265	0.1059	0.0252	14	0.94	4%	0
033.00	Salt as chloride, Sol Cl (%)	0693	1.370	0.0000	1.265	0.1059	0.0252	14	0.99	4%	0
033.00	Salt as chloride, Sol Cl (%)	2196	1.390	0.0000	1.265	0.1059	0.0252	14	1.18	5%	0
033.01	Salt as chloride, Poten Cl (%)	0148	1.240	0.0000	1.374	0.0280	0.0235	23	-4.79	5%	0
033.01	Salt as chloride, Poten Cl (%)	0964	1.320	0.1000	1.374	0.0280	0.0235	23	-1.94	2%	0
033.01	Salt as chloride, Poten Cl (%)	0226	1.345	0.0500	1.374	0.0280	0.0235	23	-1.05	1%	0
033.01	Salt as chloride, Poten Cl (%)	0229	1.345	0.0100	1.374	0.0280	0.0235	23	-1.05	1%	0
033.01	Salt as chloride, Poten Cl (%)	0003	1.350	0.1000	1.374	0.0280	0.0235	23	-0.87	1%	0
033.01	Salt as chloride, Poten Cl (%)	0004	1.350	0.0200	1.374	0.0280	0.0235	23	-0.87	1%	0
033.01	Salt as chloride, Poten Cl (%)	0939	1.365	0.0100	1.374	0.0280	0.0235	23	-0.33	0%	0
033.01	Salt as chloride, Poten Cl (%)	0019	1.368	0.0050	1.374	0.0280	0.0235	23	-0.24	0%	0
033.01	Salt as chloride, Poten Cl (%)	0089	1.370	0.0000	1.374	0.0280	0.0235	23	-0.16	0%	0
033.01	Salt as chloride, Poten Cl (%)	0242	1.370	0.0000	1.374	0.0280	0.0235	23	-0.16	0%	0
033.01	Salt as chloride, Poten Cl (%)	0510	1.370	0.0000	1.374	0.0280	0.0235	23	-0.16	0%	0
033.01	Salt as chloride, Poten Cl (%)	0354	1.375	0.0100	1.374	0.0280	0.0235	23	0.02	0%	0
033.01	Salt as chloride, Poten Cl (%)	2146	1.375	0.0100	1.374	0.0280	0.0235	23	0.02	0%	0
033.01	Salt as chloride, Poten Cl (%)	0001	1.380	0.0000	1.374	0.0280	0.0235	23	0.20	0%	0
033.01	Salt as chloride, Poten Cl (%)	0682	1.380	0.0000	1.374	0.0280	0.0235	23	0.20	0%	0
033.01	Salt as chloride, Poten Cl (%)	0407	1.384	0.0020	1.374	0.0280	0.0235	23	0.34	0%	0
033.01	Salt as chloride, Poten Cl (%)	0100	1.390	0.0000	1.374	0.0280	0.0235	23	0.56	1%	0
033.01	Salt as chloride, Poten Cl (%)	2326	1.390	0.0200	1.374	0.0280	0.0235	23	0.56	1%	0
033.01	Salt as chloride, Poten Cl (%)	0098	1.395	0.0100	1.374	0.0280	0.0235	23	0.74	1%	0
033.01	Salt as chloride, Poten Cl (%)	2319	1.395	0.0100	1.374	0.0280	0.0235	23	0.74	1%	0
033.01	Salt as chloride, Poten Cl (%)	0083	1.420	0.0000	1.374	0.0280	0.0235	23	1.63	2%	0
033.01	Salt as chloride, Poten Cl (%)	0186	1.430	0.0010	1.374	0.0280	0.0235	23	1.97	2%	0
033.01	Salt as chloride, Poten Cl (%)	2268	1.490	0.1200	1.374	0.0280	0.0235	23	4.13	4%	0
033.03	Salt as chloride, Quantab (%)	2076	1.015	0.0300	1.204	0.1363	0.0367	4			0
033.03	Salt as chloride, Quantab (%)	0726	1.220	0.0400	1.204	0.1363	0.0367	4			0
033.03	Salt as chloride, Quantab (%)	0190	1.240	0.0000	1.204	0.1363	0.0367	4			0
033.03	Salt as chloride, Quantab (%)	0505	1.340	0.0400	1.204	0.1363	0.0367	4			0
033.05	Salt as chloride, Ion Sel Electrode (%)	0171	1.235	0.0100				2			0
033.05	Salt as chloride, Ion Sel Electrode (%)	0689	1.385	0.0100				2			0
033.99	Salt, Miscellaneous (%)	0536	0.4050	0.0300	1.276	0.1177	0.0395	14	-7.40	34%	0
033.99	Salt, Miscellaneous (%)	2489	1.170	0.0000	1.276	0.1177	0.0395	14	-0.90	4%	0
033.99	Salt, Miscellaneous (%)	0358	1.180	0.0600	1.276	0.1177	0.0395	14	-0.82	4%	0
033.99	Salt, Miscellaneous (%)	0017	1.187	0.0286	1.276	0.1177	0.0395	14	-0.76	3%	0
033.99	Salt, Miscellaneous (%)	0300	1.190	0.0800	1.276	0.1177	0.0395	14	-0.73	3%	0
033.99	Salt, Miscellaneous (%)	0028	1.217	0.0410	1.276	0.1177	0.0395	14	-0.51	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			
033.99	Salt, Miscellaneous (%)	0910	1.265	0.0500	1.276	0.1177	0.0395	14	-0.10	0%	0
033.99	Salt, Miscellaneous (%)	2129	1.322	0.0144	1.276	0.1177	0.0395	14	0.38	2%	0
033.99	Salt, Miscellaneous (%)	0208	1.325	0.0100	1.276	0.1177	0.0395	14	0.41	2%	0
033.99	Salt, Miscellaneous (%)	2023	1.340	0.0400	1.276	0.1177	0.0395	14	0.54	2%	0
033.99	Salt, Miscellaneous (%)	2144	1.350	0.0200	1.276	0.1177	0.0395	14	0.63	3%	0
033.99	Salt, Miscellaneous (%)	2302	1.370	0.0200	1.276	0.1177	0.0395	14	0.80	4%	0
033.99	Salt, Miscellaneous (%)	2181	1.400	0.1200	1.276	0.1177	0.0395	14	1.05	5%	0
033.99	Salt, Miscellaneous (%)	0650	1.540	0.0000	1.276	0.1177	0.0395	14	2.24	10%	0
034.04	Selenium, Total (Se), AA, Hydride (ppm)	0045	0.2815	0.0110				3			0
034.04	Selenium, Total (Se), AA, Hydride (ppm)	0169	0.3500	0.0200				3			0
034.04	Selenium, Total (Se), AA, Hydride (ppm)	0563	0.3838	0.0156				3			0
034.41	Selenium, Total (Se), ICP, Dry ash (ppm)	0148	0.2225	0.0110				1			0
034.42	Selenium, Total (Se), ICP, Open vessel (ppm)	0692	1.405	0.6500				1			0
034.43	Selenium, Total (Se), ICP, Microwave (ppm)	0278	0.1520	0.0020				2			0
034.43	Selenium, Total (Se), ICP, Microwave (ppm)	0066	0.4070	0.0160				2			0
034.43	Selenium, Total (Se), ICP, Microwave (ppm)	0964	< 1					2			5
034.43	Selenium, Total (Se), ICP, Microwave (ppm)	0682	< 5					2			5
034.52	Selenium, Total (Se), ICP-MS, Open vessel (ppm)	0208	0.3500	0.0600				2			0
034.52	Selenium, Total (Se), ICP-MS, Open vessel (ppm)	0047	0.4950	0.0500				2			0
034.53	Selenium, Total (Se), ICP-MS, Microwave (ppm)	0553	0.3410	0.0080	0.3810	0.0474	0.0052	7	-0.85	5%	0
034.53	Selenium, Total (Se), ICP-MS, Microwave (ppm)	0033	0.3410	0.0020	0.3810	0.0474	0.0052	7	-0.85	5%	0
034.53	Selenium, Total (Se), ICP-MS, Microwave (ppm)	0610	0.3600	0.0000	0.3810	0.0474	0.0052	7	-0.44	3%	0
034.53	Selenium, Total (Se), ICP-MS, Microwave (ppm)	0504	0.3675	0.0030	0.3810	0.0474	0.0052	7	-0.29	2%	0
034.53	Selenium, Total (Se), ICP-MS, Microwave (ppm)	0939	0.3850	0.0100	0.3810	0.0474	0.0052	7	0.08	1%	0
034.53	Selenium, Total (Se), ICP-MS, Microwave (ppm)	0009	0.4207	0.0030	0.3810	0.0474	0.0052	7	0.84	5%	0
034.53	Selenium, Total (Se), ICP-MS, Microwave (ppm)	2023	0.5000	0.0000	0.3810	0.0474	0.0052	7	2.51	16%	0
034.53	Selenium, Total (Se), ICP-MS, Microwave (ppm)	0407	0.3939	0.0307	0.3810	0.0474	0.0052	7	0.27	2%	1
034.53	Selenium, Total (Se), ICP-MS, Microwave (ppm)	2428	< 0.5		0.3810	0.0474	0.0052	7			5
034.99	Selenium, Total (Se), Miscellaneous (ppm)	0190	0.7535	0.0070				1			0
034.99	Selenium, Total (Se), Miscellaneous (ppm)	2302	0.0000	0.0000				1			4
035.05	Sodium, Flame Emission (%)	0108	0.4500	0.0200				2			0
035.05	Sodium, Flame Emission (%)	2392	0.5005	0.0010				2			0
035.31	Sodium, AAS, Dry ash (%)	0563	0.4372	0.0017	0.4668	0.0385		4			0
035.31	Sodium, AAS, Dry ash (%)	2196	0.4400	0.0000	0.4668	0.0385		4			0
035.31	Sodium, AAS, Dry ash (%)	0939	0.4700	0.0000	0.4668	0.0385		4			0
035.31	Sodium, AAS, Dry ash (%)	0656	0.5200	0.0000	0.4668	0.0385		4			0
035.31	Sodium, AAS, Dry ash (%)	0142	0.4610	0.0165	0.4668	0.0385		4			1
035.32	Sodium, AAS, Open vessel (%)	0169	0.3950	0.0100				1			0
035.41	Sodium, ICP, Dry ash (%)	2398	0.4250	0.0300	0.4655	0.0160	0.0164	42	-2.53	4%	0
035.41	Sodium, ICP, Dry ash (%)	0004	0.4450	0.0100	0.4655	0.0160	0.0164	42	-1.28	2%	0
035.41	Sodium, ICP, Dry ash (%)	0049	0.4450	0.0100	0.4655	0.0160	0.0164	42	-1.28	2%	0
035.41	Sodium, ICP, Dry ash (%)	0098	0.4450	0.0100	0.4655	0.0160	0.0164	42	-1.28	2%	0

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			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs			
035.41	Sodium, ICP, Dry ash (%)	0144	0.4450	0.0100	0.4655	0.0160	0.0164	42	-1.28	2%	0
035.41	Sodium, ICP, Dry ash (%)	2420	0.4450	0.0100	0.4655	0.0160	0.0164	42	-1.28	2%	0
035.41	Sodium, ICP, Dry ash (%)	2156	0.4500	0.0000	0.4655	0.0160	0.0164	42	-0.97	2%	0
035.41	Sodium, ICP, Dry ash (%)	2395	0.4500	0.0000	0.4655	0.0160	0.0164	42	-0.97	2%	0
035.41	Sodium, ICP, Dry ash (%)	2421	0.4500	0.0000	0.4655	0.0160	0.0164	42	-0.97	2%	0
035.41	Sodium, ICP, Dry ash (%)	2474	0.4500	0.0000	0.4655	0.0160	0.0164	42	-0.97	2%	0
035.41	Sodium, ICP, Dry ash (%)	2293	0.4550	0.0100	0.4655	0.0160	0.0164	42	-0.66	1%	0
035.41	Sodium, ICP, Dry ash (%)	2452	0.4550	0.0100	0.4655	0.0160	0.0164	42	-0.66	1%	0
035.41	Sodium, ICP, Dry ash (%)	0019	0.4575	0.0050	0.4655	0.0160	0.0164	42	-0.50	1%	0
035.41	Sodium, ICP, Dry ash (%)	0407	0.4583	0.0291	0.4655	0.0160	0.0164	42	-0.45	1%	0
035.41	Sodium, ICP, Dry ash (%)	2362	0.4600	0.0200	0.4655	0.0160	0.0164	42	-0.34	1%	0
035.41	Sodium, ICP, Dry ash (%)	2417	0.4600	0.0000	0.4655	0.0160	0.0164	42	-0.34	1%	0
035.41	Sodium, ICP, Dry ash (%)	2426	0.4600	0.0000	0.4655	0.0160	0.0164	42	-0.34	1%	0
035.41	Sodium, ICP, Dry ash (%)	0139	0.4650	0.0100	0.4655	0.0160	0.0164	42	-0.03	0%	0
035.41	Sodium, ICP, Dry ash (%)	0358	0.4650	0.0300	0.4655	0.0160	0.0164	42	-0.03	0%	0
035.41	Sodium, ICP, Dry ash (%)	1023	0.4650	0.0100	0.4655	0.0160	0.0164	42	-0.03	0%	0
035.41	Sodium, ICP, Dry ash (%)	2219	0.4650	0.0100	0.4655	0.0160	0.0164	42	-0.03	0%	0
035.41	Sodium, ICP, Dry ash (%)	2418	0.4650	0.0100	0.4655	0.0160	0.0164	42	-0.03	0%	0
035.41	Sodium, ICP, Dry ash (%)	2478	0.4650	0.0100	0.4655	0.0160	0.0164	42	-0.03	0%	0
035.41	Sodium, ICP, Dry ash (%)	1020	0.4700	0.0000	0.4655	0.0160	0.0164	42	0.28	0%	0
035.41	Sodium, ICP, Dry ash (%)	2331	0.4700	0.0000	0.4655	0.0160	0.0164	42	0.28	0%	0
035.41	Sodium, ICP, Dry ash (%)	2408	0.4700	0.0000	0.4655	0.0160	0.0164	42	0.28	0%	0
035.41	Sodium, ICP, Dry ash (%)	2419	0.4700	0.0000	0.4655	0.0160	0.0164	42	0.28	0%	0
035.41	Sodium, ICP, Dry ash (%)	2422	0.4700	0.0400	0.4655	0.0160	0.0164	42	0.28	0%	0
035.41	Sodium, ICP, Dry ash (%)	0208	0.4720	0.0120	0.4655	0.0160	0.0164	42	0.41	1%	0
035.41	Sodium, ICP, Dry ash (%)	0226	0.4750	0.0100	0.4655	0.0160	0.0164	42	0.60	1%	0
035.41	Sodium, ICP, Dry ash (%)	2416	0.4750	0.0100	0.4655	0.0160	0.0164	42	0.60	1%	0
035.41	Sodium, ICP, Dry ash (%)	2424	0.4750	0.0300	0.4655	0.0160	0.0164	42	0.60	1%	0
035.41	Sodium, ICP, Dry ash (%)	0598	0.4789	0.0009	0.4655	0.0160	0.0164	42	0.84	1%	0
035.41	Sodium, ICP, Dry ash (%)	0520	0.4792	0.0130	0.4655	0.0160	0.0164	42	0.86	1%	0
035.41	Sodium, ICP, Dry ash (%)	0229	0.4800	0.0400	0.4655	0.0160	0.0164	42	0.91	2%	0
035.41	Sodium, ICP, Dry ash (%)	1024	0.4800	0.0000	0.4655	0.0160	0.0164	42	0.91	2%	0
035.41	Sodium, ICP, Dry ash (%)	2480	0.4800	0.0200	0.4655	0.0160	0.0164	42	0.91	2%	0
035.41	Sodium, ICP, Dry ash (%)	0148	0.4845	0.0090	0.4655	0.0160	0.0164	42	1.19	2%	0
035.41	Sodium, ICP, Dry ash (%)	1021	0.4900	0.0000	0.4655	0.0160	0.0164	42	1.54	3%	0
035.41	Sodium, ICP, Dry ash (%)	2396	0.4900	0.0600	0.4655	0.0160	0.0164	42	1.54	3%	0
035.41	Sodium, ICP, Dry ash (%)	1022	0.5000	0.0000	0.4655	0.0160	0.0164	42	2.16	4%	0
035.41	Sodium, ICP, Dry ash (%)	0066	0.5160	0.0560	0.4655	0.0160	0.0164	42	3.17	5%	0
035.42	Sodium, ICP, Open vessel (%)	2129	0.4142	0.0107	0.4782	0.0308	0.0102	18	-2.08	7%	0
035.42	Sodium, ICP, Open vessel (%)	0357	0.4150	0.0007	0.4782	0.0308	0.0102	18	-2.05	7%	0
035.42	Sodium, ICP, Open vessel (%)	0045	0.4370	0.0440	0.4782	0.0308	0.0102	18	-1.34	4%	0
035.42	Sodium, ICP, Open vessel (%)	0035	0.4650	0.0100	0.4782	0.0308	0.0102	18	-0.43	1%	0

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			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs			
035.42	Sodium, ICP, Open vessel (%)	0294	0.4650	0.0100	0.4782	0.0308	0.0102	18	-0.43	1%	0
035.42	Sodium, ICP, Open vessel (%)	2433	0.4652	0.0156	0.4782	0.0308	0.0102	18	-0.42	1%	0
035.42	Sodium, ICP, Open vessel (%)	2319	0.4700	0.0060	0.4782	0.0308	0.0102	18	-0.27	1%	0
035.42	Sodium, ICP, Open vessel (%)	0693	0.4745	0.0090	0.4782	0.0308	0.0102	18	-0.12	0%	0
035.42	Sodium, ICP, Open vessel (%)	0366	0.4760	0.0000	0.4782	0.0308	0.0102	18	-0.07	0%	0
035.42	Sodium, ICP, Open vessel (%)	0870	0.4763	0.0044	0.4782	0.0308	0.0102	18	-0.06	0%	0
035.42	Sodium, ICP, Open vessel (%)	0263	0.4810	0.0040	0.4782	0.0308	0.0102	18	0.09	0%	0
035.42	Sodium, ICP, Open vessel (%)	0042	0.4895	0.0010	0.4782	0.0308	0.0102	18	0.37	1%	0
035.42	Sodium, ICP, Open vessel (%)	0190	0.4900	0.0000	0.4782	0.0308	0.0102	18	0.38	1%	0
035.42	Sodium, ICP, Open vessel (%)	0278	0.5000	0.0400	0.4782	0.0308	0.0102	18	0.71	2%	0
035.42	Sodium, ICP, Open vessel (%)	0186	0.5047	0.0025	0.4782	0.0308	0.0102	18	0.86	3%	0
035.42	Sodium, ICP, Open vessel (%)	0692	0.5100	0.0000	0.4782	0.0308	0.0102	18	1.03	3%	0
035.42	Sodium, ICP, Open vessel (%)	0202	0.5155	0.0210	0.4782	0.0308	0.0102	18	1.21	4%	0
035.42	Sodium, ICP, Open vessel (%)	0726	0.5300	0.0000	0.4782	0.0308	0.0102	18	1.68	5%	0
035.43	Sodium, ICP, Microwave (%)	0226	0.4150	0.0100	0.4760	0.0171	0.0116	39	-3.57	6%	0
035.43	Sodium, ICP, Microwave (%)	0511	0.4250	0.0300	0.4760	0.0171	0.0116	39	-2.98	5%	0
035.43	Sodium, ICP, Microwave (%)	0968	0.4315	0.0090	0.4760	0.0171	0.0116	39	-2.60	5%	0
035.43	Sodium, ICP, Microwave (%)	0098	0.4500	0.0200	0.4760	0.0171	0.0116	39	-1.52	3%	0
035.43	Sodium, ICP, Microwave (%)	2477	0.4550	0.0100	0.4760	0.0171	0.0116	39	-1.23	2%	0
035.43	Sodium, ICP, Microwave (%)	0001	0.4575	0.0030	0.4760	0.0171	0.0116	39	-1.08	2%	0
035.43	Sodium, ICP, Microwave (%)	0083	0.4585	0.0070	0.4760	0.0171	0.0116	39	-1.03	2%	0
035.43	Sodium, ICP, Microwave (%)	0354	0.4600	0.0020	0.4760	0.0171	0.0116	39	-0.94	2%	0
035.43	Sodium, ICP, Microwave (%)	0682	0.4600	0.0000	0.4760	0.0171	0.0116	39	-0.94	2%	0
035.43	Sodium, ICP, Microwave (%)	2023	0.4625	0.0170	0.4760	0.0171	0.0116	39	-0.79	1%	0
035.43	Sodium, ICP, Microwave (%)	2502	0.4650	0.0100	0.4760	0.0171	0.0116	39	-0.65	1%	0
035.43	Sodium, ICP, Microwave (%)	0017	0.4670	0.0113	0.4760	0.0171	0.0116	39	-0.53	1%	0
035.43	Sodium, ICP, Microwave (%)	2439	0.4682	0.0068	0.4760	0.0171	0.0116	39	-0.46	1%	0
035.43	Sodium, ICP, Microwave (%)	0300	0.4685	0.0350	0.4760	0.0171	0.0116	39	-0.44	1%	0
035.43	Sodium, ICP, Microwave (%)	0297	0.4700	0.0200	0.4760	0.0171	0.0116	39	-0.35	1%	0
035.43	Sodium, ICP, Microwave (%)	2436	0.4738	0.0032	0.4760	0.0171	0.0116	39	-0.13	0%	0
035.43	Sodium, ICP, Microwave (%)	2441	0.4750	0.0100	0.4760	0.0171	0.0116	39	-0.06	0%	0
035.43	Sodium, ICP, Microwave (%)	2473	0.4751	0.0081	0.4760	0.0171	0.0116	39	-0.06	0%	0
035.43	Sodium, ICP, Microwave (%)	0028	0.4790	0.0160	0.4760	0.0171	0.0116	39	0.17	0%	0
035.43	Sodium, ICP, Microwave (%)	0035	0.4800	0.0200	0.4760	0.0171	0.0116	39	0.23	0%	0
035.43	Sodium, ICP, Microwave (%)	2428	0.4800	0.0000	0.4760	0.0171	0.0116	39	0.23	0%	0
035.43	Sodium, ICP, Microwave (%)	0033	0.4815	0.0010	0.4760	0.0171	0.0116	39	0.32	1%	0
035.43	Sodium, ICP, Microwave (%)	2435	0.4821	0.0170	0.4760	0.0171	0.0116	39	0.35	1%	0
035.43	Sodium, ICP, Microwave (%)	0964	0.4839	0.0313	0.4760	0.0171	0.0116	39	0.46	1%	0
035.43	Sodium, ICP, Microwave (%)	0675	0.4850	0.0100	0.4760	0.0171	0.0116	39	0.52	1%	0
035.43	Sodium, ICP, Microwave (%)	2479	0.4850	0.0100	0.4760	0.0171	0.0116	39	0.52	1%	0
035.43	Sodium, ICP, Microwave (%)	2481	0.4850	0.0100	0.4760	0.0171	0.0116	39	0.52	1%	0
035.43	Sodium, ICP, Microwave (%)	2495	0.4850	0.0100	0.4760	0.0171	0.0116	39	0.52	1%	0

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			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs			
035.43	Sodium, ICP, Microwave (%)	2326	0.4855	0.0070	0.4760	0.0171	0.0116	39	0.55	1%	0
035.43	Sodium, ICP, Microwave (%)	2429	0.4885	0.0097	0.4760	0.0171	0.0116	39	0.73	1%	0
035.43	Sodium, ICP, Microwave (%)	0407	0.4897	0.0246	0.4760	0.0171	0.0116	39	0.80	1%	0
035.43	Sodium, ICP, Microwave (%)	0089	0.4900	0.0000	0.4760	0.0171	0.0116	39	0.82	1%	0
035.43	Sodium, ICP, Microwave (%)	0610	0.4900	0.0000	0.4760	0.0171	0.0116	39	0.82	1%	0
035.43	Sodium, ICP, Microwave (%)	0870	0.4917	0.0070	0.4760	0.0171	0.0116	39	0.92	2%	0
035.43	Sodium, ICP, Microwave (%)	0043	0.4935	0.0053	0.4760	0.0171	0.0116	39	1.02	2%	0
035.43	Sodium, ICP, Microwave (%)	2438	0.4935	0.0043	0.4760	0.0171	0.0116	39	1.02	2%	0
035.43	Sodium, ICP, Microwave (%)	0505	0.4980	0.0140	0.4760	0.0171	0.0116	39	1.28	2%	0
035.43	Sodium, ICP, Microwave (%)	0510	0.4995	0.0010	0.4760	0.0171	0.0116	39	1.37	2%	0
035.43	Sodium, ICP, Microwave (%)	0353	0.5030	0.0220	0.4760	0.0171	0.0116	39	1.58	3%	0
035.52	Sodium, ICP-MS, Open vessel (%)	0154	0.4300	0.0374				2			0
035.52	Sodium, ICP-MS, Open vessel (%)	0186	0.4574	0.0030				2			0
035.53	Sodium, ICP-MS, Microwave (%)	0553	0.4570	0.0140	0.4775	0.0173	0.0131	4			0
035.53	Sodium, ICP-MS, Microwave (%)	0504	0.4740	0.0160	0.4775	0.0173	0.0131	4			0
035.53	Sodium, ICP-MS, Microwave (%)	0939	0.4800	0.0200	0.4775	0.0173	0.0131	4			0
035.53	Sodium, ICP-MS, Microwave (%)	0407	0.4988	0.0024	0.4775	0.0173	0.0131	4			0
035.99	Sodium, Miscellaneous (%)	0242	0.4350	0.0100				3			0
035.99	Sodium, Miscellaneous (%)	0100	0.4700	0.0000				3			0
035.99	Sodium, Miscellaneous (%)	0123	0.4850	0.0100				3			0
035.99	Sodium, Miscellaneous (%)	2302	0.4350	0.0500				3			1
036.04	Sulfur, LECO (%)	0148	0.3590	0.0040				3			0
036.04	Sulfur, LECO (%)	0229	0.3950	0.0100				3			0
036.04	Sulfur, LECO (%)	0226	0.4600	0.0200				3			0
036.42	Sulfur, ICP, Open vessel (%)	0035	0.3050	0.0100	0.3498	0.0261	0.0072	15	-1.72	6%	0
036.42	Sulfur, ICP, Open vessel (%)	0294	0.3150	0.0100	0.3498	0.0261	0.0072	15	-1.33	5%	0
036.42	Sulfur, ICP, Open vessel (%)	2129	0.3326	0.0042	0.3498	0.0261	0.0072	15	-0.66	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0045	0.3335	0.0110	0.3498	0.0261	0.0072	15	-0.62	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0357	0.3374	0.0049	0.3498	0.0261	0.0072	15	-0.48	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0407	0.3395	0.0006	0.3498	0.0261	0.0072	15	-0.39	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0366	0.3400	0.0000	0.3498	0.0261	0.0072	15	-0.38	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0042	0.3475	0.0110	0.3498	0.0261	0.0072	15	-0.09	0%	0
036.42	Sulfur, ICP, Open vessel (%)	0870	0.3484	0.0023	0.3498	0.0261	0.0072	15	-0.05	0%	0
036.42	Sulfur, ICP, Open vessel (%)	0726	0.3600	0.0000	0.3498	0.0261	0.0072	15	0.39	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0693	0.3700	0.0000	0.3498	0.0261	0.0072	15	0.78	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0190	0.3750	0.0300	0.3498	0.0261	0.0072	15	0.97	4%	0
036.42	Sulfur, ICP, Open vessel (%)	0202	0.3765	0.0090	0.3498	0.0261	0.0072	15	1.03	4%	0
036.42	Sulfur, ICP, Open vessel (%)	0278	0.3800	0.0000	0.3498	0.0261	0.0072	15	1.16	4%	0
036.42	Sulfur, ICP, Open vessel (%)	0186	0.3807	0.0005	0.3498	0.0261	0.0072	15	1.18	4%	0
036.42	Sulfur, ICP, Open vessel (%)	0692	0.3200	0.0400	0.3498	0.0261	0.0072	15	-1.14	4%	1
036.43	Sulfur, ICP, Microwave (%)	2326	0.3370	0.0100	0.3717	0.0240	0.0075	13	-1.44	5%	0
036.43	Sulfur, ICP, Microwave (%)	0297	0.3450	0.0100	0.3717	0.0240	0.0075	13	-1.11	4%	0

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			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs			
036.43	Sulfur, ICP, Microwave (%)	0353	0.3500	0.0000	0.3717	0.0240	0.0075	13	-0.90	3%	0
036.43	Sulfur, ICP, Microwave (%)	0083	0.3630	0.0300	0.3717	0.0240	0.0075	13	-0.36	1%	0
036.43	Sulfur, ICP, Microwave (%)	0035	0.3650	0.0100	0.3717	0.0240	0.0075	13	-0.28	1%	0
036.43	Sulfur, ICP, Microwave (%)	0510	0.3650	0.0100	0.3717	0.0240	0.0075	13	-0.28	1%	0
036.43	Sulfur, ICP, Microwave (%)	0407	0.3733	0.0014	0.3717	0.0240	0.0075	13	0.07	0%	0
036.43	Sulfur, ICP, Microwave (%)	0964	0.3738	0.0030	0.3717	0.0240	0.0075	13	0.09	0%	0
036.43	Sulfur, ICP, Microwave (%)	0098	0.3745	0.0079	0.3717	0.0240	0.0075	13	0.12	0%	0
036.43	Sulfur, ICP, Microwave (%)	0870	0.3833	0.0060	0.3717	0.0240	0.0075	13	0.49	2%	0
036.43	Sulfur, ICP, Microwave (%)	0682	0.3900	0.0000	0.3717	0.0240	0.0075	13	0.76	2%	0
036.43	Sulfur, ICP, Microwave (%)	0968	0.4040	0.0020	0.3717	0.0240	0.0075	13	1.35	4%	0
036.43	Sulfur, ICP, Microwave (%)	0226	0.5200	0.0000	0.3717	0.0240	0.0075	13	6.18	20%	0
036.43	Sulfur, ICP, Microwave (%)	2481	0.3950	0.0500	0.3717	0.0240	0.0075	13	0.97	3%	1
036.52	Sulfur, ICP-MS, Open vessel (%)	0186	0.3373	0.0008				1			0
036.53	Sulfur, ICP-MS, Microwave (%)	0553	0.3425	0.0070				1			0
036.99	Sulfur, Miscellaneous (%)	0242	0.3150	0.0100				2			0
036.99	Sulfur, Miscellaneous (%)	0123	0.3650	0.0100				2			0
037.31	Zinc, AAS, Dry ash (ppm)	0939	118.8	0.2000				3			0
037.31	Zinc, AAS, Dry ash (ppm)	0563	120.4	1.035				3			0
037.31	Zinc, AAS, Dry ash (ppm)	2196	124.6	0.0000				3			0
037.31	Zinc, AAS, Dry ash (ppm)	0001	128.0	4.200				3			1
037.34	Zinc, AAS, Dry ash (ppm)	2435	129.3	4.300				1			0
037.41	Zinc, ICP, Dry ash (ppm)	0098	115.6	3.000	124.2	6.276	2.366	17	-1.38	3%	0
037.41	Zinc, ICP, Dry ash (ppm)	0520	116.6	4.639	124.2	6.276	2.366	17	-1.21	3%	0
037.41	Zinc, ICP, Dry ash (ppm)	0358	117.3	1.010	124.2	6.276	2.366	17	-1.11	3%	0
037.41	Zinc, ICP, Dry ash (ppm)	0848	118.4	1.730	124.2	6.276	2.366	17	-0.93	2%	0
037.41	Zinc, ICP, Dry ash (ppm)	2395	119.7	0.7300	124.2	6.276	2.366	17	-0.72	2%	0
037.41	Zinc, ICP, Dry ash (ppm)	2156	121.1	1.560	124.2	6.276	2.366	17	-0.51	1%	0
037.41	Zinc, ICP, Dry ash (ppm)	2331	123.3	3.370	124.2	6.276	2.366	17	-0.14	0%	0
037.41	Zinc, ICP, Dry ash (ppm)	0019	123.9	2.050	124.2	6.276	2.366	17	-0.06	0%	0
037.41	Zinc, ICP, Dry ash (ppm)	2219	124.0	3.000	124.2	6.276	2.366	17	-0.04	0%	0
037.41	Zinc, ICP, Dry ash (ppm)	0598	124.0	1.055	124.2	6.276	2.366	17	-0.03	0%	0
037.41	Zinc, ICP, Dry ash (ppm)	0208	125.9	3.900	124.2	6.276	2.366	17	0.26	1%	0
037.41	Zinc, ICP, Dry ash (ppm)	1020	127.7	0.2700	124.2	6.276	2.366	17	0.55	1%	0
037.41	Zinc, ICP, Dry ash (ppm)	0407	129.3	7.542	124.2	6.276	2.366	17	0.81	2%	0
037.41	Zinc, ICP, Dry ash (ppm)	0004	130.3	0.6200	124.2	6.276	2.366	17	0.97	2%	0
037.41	Zinc, ICP, Dry ash (ppm)	0229	130.6	4.700	124.2	6.276	2.366	17	1.01	3%	0
037.41	Zinc, ICP, Dry ash (ppm)	0226	131.9	2.560	124.2	6.276	2.366	17	1.22	3%	0
037.41	Zinc, ICP, Dry ash (ppm)	0148	132.5	1.023	124.2	6.276	2.366	17	1.32	3%	0
037.41	Zinc, ICP, Dry ash (ppm)	0049	131.2	15.92	124.2	6.276	2.366	17	1.12	3%	1
037.42	Zinc, ICP, Open vessel (ppm)	0186	107.0	0.0000	123.8	13.15	4.092	20	-1.28	7%	0
037.42	Zinc, ICP, Open vessel (ppm)	0870	107.4	1.200	123.8	13.15	4.092	20	-1.25	7%	0
037.42	Zinc, ICP, Open vessel (ppm)	0009	107.5	9.000	123.8	13.15	4.092	20	-1.24	7%	0

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			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs			
037.42	Zinc, ICP, Open vessel (ppm)	2129	108.2	1.900	123.8	13.15	4.092	20	-1.19	6%	0
037.42	Zinc, ICP, Open vessel (ppm)	0357	114.2	4.598	123.8	13.15	4.092	20	-0.73	4%	0
037.42	Zinc, ICP, Open vessel (ppm)	0045	116.0	2.000	123.8	13.15	4.092	20	-0.59	3%	0
037.42	Zinc, ICP, Open vessel (ppm)	2433	118.8	6.604	123.8	13.15	4.092	20	-0.38	2%	0
037.42	Zinc, ICP, Open vessel (ppm)	2319	119.5	1.000	123.8	13.15	4.092	20	-0.33	2%	0
037.42	Zinc, ICP, Open vessel (ppm)	0263	120.4	0.2650	123.8	13.15	4.092	20	-0.26	1%	0
037.42	Zinc, ICP, Open vessel (ppm)	0726	122.3	0.3000	123.8	13.15	4.092	20	-0.12	1%	0
037.42	Zinc, ICP, Open vessel (ppm)	0294	124.6	5.910	123.8	13.15	4.092	20	0.06	0%	0
037.42	Zinc, ICP, Open vessel (ppm)	0366	126.0	2.000	123.8	13.15	4.092	20	0.17	1%	0
037.42	Zinc, ICP, Open vessel (ppm)	0278	128.4	11.20	123.8	13.15	4.092	20	0.35	2%	0
037.42	Zinc, ICP, Open vessel (ppm)	0190	131.1	0.2100	123.8	13.15	4.092	20	0.56	3%	0
037.42	Zinc, ICP, Open vessel (ppm)	0693	132.5	9.000	123.8	13.15	4.092	20	0.66	4%	0
037.42	Zinc, ICP, Open vessel (ppm)	0035	134.6	1.500	123.8	13.15	4.092	20	0.82	4%	0
037.42	Zinc, ICP, Open vessel (ppm)	0504	135.0	6.000	123.8	13.15	4.092	20	0.85	5%	0
037.42	Zinc, ICP, Open vessel (ppm)	0202	138.0	4.000	123.8	13.15	4.092	20	1.08	6%	0
037.42	Zinc, ICP, Open vessel (ppm)	0042	141.0	12.00	123.8	13.15	4.092	20	1.31	7%	0
037.42	Zinc, ICP, Open vessel (ppm)	0026	164.8	2.265	123.8	13.15	4.092	20	3.12	17%	0
037.42	Zinc, ICP, Open vessel (ppm)	0692	111.0	26.00	123.8	13.15	4.092	20	-0.97	5%	1
037.43	Zinc, ICP, Microwave (ppm)	2445	109.2	1.230	125.5	6.381	2.753	39	-2.54	6%	0
037.43	Zinc, ICP, Microwave (ppm)	0511	110.5	5.000	125.5	6.381	2.753	39	-2.35	6%	0
037.43	Zinc, ICP, Microwave (ppm)	0017	115.4	2.593	125.5	6.381	2.753	39	-1.58	4%	0
037.43	Zinc, ICP, Microwave (ppm)	2326	118.5	1.000	125.5	6.381	2.753	39	-1.09	3%	0
037.43	Zinc, ICP, Microwave (ppm)	0083	118.9	4.220	125.5	6.381	2.753	39	-1.04	3%	0
037.43	Zinc, ICP, Microwave (ppm)	0968	118.9	3.637	125.5	6.381	2.753	39	-1.02	3%	0
037.43	Zinc, ICP, Microwave (ppm)	2477	120.6	0.0800	125.5	6.381	2.753	39	-0.77	2%	0
037.43	Zinc, ICP, Microwave (ppm)	0028	120.8	6.175	125.5	6.381	2.753	39	-0.73	2%	0
037.43	Zinc, ICP, Microwave (ppm)	0870	120.9	4.000	125.5	6.381	2.753	39	-0.72	2%	0
037.43	Zinc, ICP, Microwave (ppm)	0354	121.4	2.130	125.5	6.381	2.753	39	-0.64	2%	0
037.43	Zinc, ICP, Microwave (ppm)	2192	121.5	5.000	125.5	6.381	2.753	39	-0.62	2%	0
037.43	Zinc, ICP, Microwave (ppm)	0010	121.7	1.400	125.5	6.381	2.753	39	-0.59	2%	0
037.43	Zinc, ICP, Microwave (ppm)	0848	122.3	1.550	125.5	6.381	2.753	39	-0.50	1%	0
037.43	Zinc, ICP, Microwave (ppm)	0682	122.3	0.0000	125.5	6.381	2.753	39	-0.50	1%	0
037.43	Zinc, ICP, Microwave (ppm)	2495	122.8	2.890	125.5	6.381	2.753	39	-0.42	1%	0
037.43	Zinc, ICP, Microwave (ppm)	2479	123.1	2.710	125.5	6.381	2.753	39	-0.38	1%	0
037.43	Zinc, ICP, Microwave (ppm)	2441	123.3	0.4000	125.5	6.381	2.753	39	-0.34	1%	0
037.43	Zinc, ICP, Microwave (ppm)	0001	123.5	3.000	125.5	6.381	2.753	39	-0.31	1%	0
037.43	Zinc, ICP, Microwave (ppm)	0964	125.5	7.000	125.5	6.381	2.753	39	0.00	0%	0
037.43	Zinc, ICP, Microwave (ppm)	2502	125.5	3.000	125.5	6.381	2.753	39	0.00	0%	0
037.43	Zinc, ICP, Microwave (ppm)	0407	125.6	3.570	125.5	6.381	2.753	39	0.02	0%	0
037.43	Zinc, ICP, Microwave (ppm)	2439	126.4	3.400	125.5	6.381	2.753	39	0.15	0%	0
037.43	Zinc, ICP, Microwave (ppm)	0510	127.0	0.0000	125.5	6.381	2.753	39	0.24	1%	0
037.43	Zinc, ICP, Microwave (ppm)	2023	127.0	2.000	125.5	6.381	2.753	39	0.24	1%	0

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037.43	Zinc, ICP, Microwave (ppm)	0675	127.4	3.810	125.5	6.381	2.753	39	0.30	1%	0
037.43	Zinc, ICP, Microwave (ppm)	2436	127.6	3.200	125.5	6.381	2.753	39	0.33	1%	0
037.43	Zinc, ICP, Microwave (ppm)	2473	127.7	1.100	125.5	6.381	2.753	39	0.34	1%	0
037.43	Zinc, ICP, Microwave (ppm)	0169	128.0	2.000	125.5	6.381	2.753	39	0.40	1%	0
037.43	Zinc, ICP, Microwave (ppm)	2438	128.8	1.200	125.5	6.381	2.753	39	0.52	1%	0
037.43	Zinc, ICP, Microwave (ppm)	2429	129.3	2.800	125.5	6.381	2.753	39	0.60	2%	0
037.43	Zinc, ICP, Microwave (ppm)	0297	130.0	4.000	125.5	6.381	2.753	39	0.71	2%	0
037.43	Zinc, ICP, Microwave (ppm)	0098	131.5	0.9000	125.5	6.381	2.753	39	0.94	2%	0
037.43	Zinc, ICP, Microwave (ppm)	0033	131.5	5.000	125.5	6.381	2.753	39	0.94	2%	0
037.43	Zinc, ICP, Microwave (ppm)	0610	131.5	1.000	125.5	6.381	2.753	39	0.94	2%	0
037.43	Zinc, ICP, Microwave (ppm)	0505	136.9	0.6000	125.5	6.381	2.753	39	1.79	5%	0
037.43	Zinc, ICP, Microwave (ppm)	0035	140.2	6.700	125.5	6.381	2.753	39	2.30	6%	0
037.43	Zinc, ICP, Microwave (ppm)	0353	142.3	2.000	125.5	6.381	2.753	39	2.64	7%	0
037.43	Zinc, ICP, Microwave (ppm)	2481	143.3	1.560	125.5	6.381	2.753	39	2.80	7%	0
037.43	Zinc, ICP, Microwave (ppm)	0226	152.4	3.680	125.5	6.381	2.753	39	4.22	11%	0
037.44	Zinc, ICP, Dry ash (ppm)	0066	66.43	0.0500	122.1	4.735	3.000	23	-11.76	23%	0
037.44	Zinc, ICP, Dry ash (ppm)	2398	115.4	8.070	122.1	4.735	3.000	23	-1.43	3%	0
037.44	Zinc, ICP, Dry ash (ppm)	2420	117.4	0.2000	122.1	4.735	3.000	23	-1.00	2%	0
037.44	Zinc, ICP, Dry ash (ppm)	2426	118.7	1.200	122.1	4.735	3.000	23	-0.72	1%	0
037.44	Zinc, ICP, Dry ash (ppm)	2417	119.1	1.900	122.1	4.735	3.000	23	-0.65	1%	0
037.44	Zinc, ICP, Dry ash (ppm)	2362	119.6	3.510	122.1	4.735	3.000	23	-0.54	1%	0
037.44	Zinc, ICP, Dry ash (ppm)	2452	120.0	1.300	122.1	4.735	3.000	23	-0.46	1%	0
037.44	Zinc, ICP, Dry ash (ppm)	2421	120.3	3.600	122.1	4.735	3.000	23	-0.39	1%	0
037.44	Zinc, ICP, Dry ash (ppm)	2408	121.0	6.420	122.1	4.735	3.000	23	-0.23	0%	0
037.44	Zinc, ICP, Dry ash (ppm)	2293	121.1	0.5600	122.1	4.735	3.000	23	-0.22	0%	0
037.44	Zinc, ICP, Dry ash (ppm)	2419	121.2	1.200	122.1	4.735	3.000	23	-0.20	0%	0
037.44	Zinc, ICP, Dry ash (ppm)	2478	121.4	0.2200	122.1	4.735	3.000	23	-0.16	0%	0
037.44	Zinc, ICP, Dry ash (ppm)	2474	121.5	0.8800	122.1	4.735	3.000	23	-0.14	0%	0
037.44	Zinc, ICP, Dry ash (ppm)	0139	121.7	10.30	122.1	4.735	3.000	23	-0.09	0%	0
037.44	Zinc, ICP, Dry ash (ppm)	2422	122.3	15.10	122.1	4.735	3.000	23	0.03	0%	0
037.44	Zinc, ICP, Dry ash (ppm)	2418	122.7	2.300	122.1	4.735	3.000	23	0.11	0%	0
037.44	Zinc, ICP, Dry ash (ppm)	2416	123.1	6.000	122.1	4.735	3.000	23	0.21	0%	0
037.44	Zinc, ICP, Dry ash (ppm)	2424	124.0	8.900	122.1	4.735	3.000	23	0.39	1%	0
037.44	Zinc, ICP, Dry ash (ppm)	2480	127.7	1.930	122.1	4.735	3.000	23	1.18	2%	0
037.44	Zinc, ICP, Dry ash (ppm)	1023	128.3	2.760	122.1	4.735	3.000	23	1.30	3%	0
037.44	Zinc, ICP, Dry ash (ppm)	1021	131.3	1.050	122.1	4.735	3.000	23	1.93	4%	0
037.44	Zinc, ICP, Dry ash (ppm)	1024	134.3	2.340	122.1	4.735	3.000	23	2.56	5%	0
037.44	Zinc, ICP, Dry ash (ppm)	1022	143.5	1.270	122.1	4.735	3.000	23	4.50	9%	0
037.44	Zinc, ICP, Dry ash (ppm)	2396	150.1	58.12	122.1	4.735	3.000	23	5.91	11%	1
037.52	Zinc, ICP-MS, Open vessel (ppm)	0186	122.0	0.0000				2			0
037.52	Zinc, ICP-MS, Open vessel (ppm)	0047	151.2	5.860				2			0
037.53	Zinc, ICP-MS, Microwave (ppm)	0504	121.0	6.000	127.2	5.540	7.002	6	-1.11	2%	0

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037.53	Zinc, ICP-MS, Microwave (ppm)	0407	125.0	12.26	127.2	5.540	7.002	6	-0.39	1%	0
037.53	Zinc, ICP-MS, Microwave (ppm)	0553	125.5	3.000	127.2	5.540	7.002	6	-0.30	1%	0
037.53	Zinc, ICP-MS, Microwave (ppm)	0939	126.0	6.000	127.2	5.540	7.002	6	-0.21	0%	0
037.53	Zinc, ICP-MS, Microwave (ppm)	0043	130.5	4.754	127.2	5.540	7.002	6	0.60	1%	0
037.53	Zinc, ICP-MS, Microwave (ppm)	2428	135.0	10.00	127.2	5.540	7.002	6	1.41	3%	0
037.99	Zinc, Miscellaneous (ppm)	0242	114.0	2.000	125.7	8.405	2.183	4			0
037.99	Zinc, Miscellaneous (ppm)	2302	127.4	1.730	125.7	8.405	2.183	4			0
037.99	Zinc, Miscellaneous (ppm)	0123	127.5	1.000	125.7	8.405	2.183	4			0
037.99	Zinc, Miscellaneous (ppm)	0100	134.0	4.000	125.7	8.405	2.183	4			0
038.41	Molybdenum, ICP, Dry ash (ppm)	0226	1.110	0.0200				2			0
038.41	Molybdenum, ICP, Dry ash (ppm)	0407	1.149	0.0157				2			0
038.42	Molybdenum, ICP, Open vessel (ppm)	0202	0.8925	0.0470	1.174	0.1928	0.0934	6	-1.46	12%	0
038.42	Molybdenum, ICP, Open vessel (ppm)	0045	1.095	0.0900	1.174	0.1928	0.0934	6	-0.41	3%	0
038.42	Molybdenum, ICP, Open vessel (ppm)	0692	1.185	0.0700	1.174	0.1928	0.0934	6	0.06	0%	0
038.42	Molybdenum, ICP, Open vessel (ppm)	0278	1.220	0.1600	1.174	0.1928	0.0934	6	0.24	2%	0
038.42	Molybdenum, ICP, Open vessel (ppm)	0366	1.250	0.1000	1.174	0.1928	0.0934	6	0.40	3%	0
038.42	Molybdenum, ICP, Open vessel (ppm)	0693	1.400	0.0000	1.174	0.1928	0.0934	6	1.17	10%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0353	0.7300	0.0400	1.040	0.2273	0.0840	6	-1.36	15%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0510	0.9000	0.0000	1.040	0.2273	0.0840	6	-0.62	7%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0169	1.045	0.0500	1.040	0.2273	0.0840	6	0.02	0%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0083	1.075	0.0300	1.040	0.2273	0.0840	6	0.15	2%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0407	1.240	0.2001	1.040	0.2273	0.0840	6	0.88	10%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0297	1.250	0.1000	1.040	0.2273	0.0840	6	0.92	10%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0148	< 2.2		1.040	0.2273	0.0840	6			5
038.52	Molybdenum, ICP-MS, Open vessel (ppm)	0186	1.000	0.0000				2			0
038.52	Molybdenum, ICP-MS, Open vessel (ppm)	0047	1.085	0.0300				2			0
038.53	Molybdenum, ICP-MS, Microwave (ppm)	0407	1.125	0.0633	1.181	0.0509	0.0767	6	-1.10	2%	0
038.53	Molybdenum, ICP-MS, Microwave (ppm)	0553	1.135	0.0100	1.181	0.0509	0.0767	6	-0.90	2%	0
038.53	Molybdenum, ICP-MS, Microwave (ppm)	2023	1.180	0.0400	1.181	0.0509	0.0767	6	-0.02	0%	0
038.53	Molybdenum, ICP-MS, Microwave (ppm)	2428	1.200	0.0000	1.181	0.0509	0.0767	6	0.38	1%	0
038.53	Molybdenum, ICP-MS, Microwave (ppm)	0504	1.200	0.1800	1.181	0.0509	0.0767	6	0.38	1%	0
038.53	Molybdenum, ICP-MS, Microwave (ppm)	0033	1.245	0.0900	1.181	0.0509	0.0767	6	1.26	3%	0
038.99	Molybdenum, Miscellaneous (ppm)	0123	1.600	0.0200				1			0
040.43	Barium, ICP, Microwave (ppm)	2481	9.310	0.0600				1			0
040.53	Barium, ICP-MS, Microwave (ppm)	0407	8.271	0.0716				1			0
041.53	Vanadium, ICP-MS, Microwave (ppm)	0553	0.0705	0.0062				2			0
041.53	Vanadium, ICP-MS, Microwave (ppm)	0407	0.0745	0.0039				2			0
042.00	Chloride, Titrimetric (%)	0171	0.7050	0.0100	0.8150	0.0659	0.0156	9	-1.67	7%	0
042.00	Chloride, Titrimetric (%)	2392	0.7350	0.0100	0.8150	0.0659	0.0156	9	-1.21	5%	0
042.00	Chloride, Titrimetric (%)	2129	0.7936	0.0073	0.8150	0.0659	0.0156	9	-0.33	1%	0
042.00	Chloride, Titrimetric (%)	0226	0.8150	0.0300	0.8150	0.0659	0.0156	9	0.00	0%	0
042.00	Chloride, Titrimetric (%)	0010	0.8300	0.0000	0.8150	0.0659	0.0156	9	0.23	1%	0

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			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs			
042.00	Chloride, Titrimetric (%)	2326	0.8450	0.0100	0.8150	0.0659	0.0156	9	0.45	2%	0
042.00	Chloride, Titrimetric (%)	0720	0.8500	0.0200	0.8150	0.0659	0.0156	9	0.53	2%	0
042.00	Chloride, Titrimetric (%)	0610	0.8550	0.0300	0.8150	0.0659	0.0156	9	0.61	2%	0
042.00	Chloride, Titrimetric (%)	2433	0.8954	0.0071	0.8150	0.0659	0.0156	9	1.22	5%	0
042.01	Chloride, Ion-selective electrode (%)	0171	0.7550	0.0100				1			0
042.99	Chloride, Miscellaneous (%)	2302	0.8200	0.0200				2			0
042.99	Chloride, Miscellaneous (%)	0297	0.8450	0.0100				2			0
102.02	Niacin, LC (ppm)	2319	91.85	0.5000				1			0
104.03	Riboflavin, LC (ppm)	2319	5.350	0.0800				2			0
104.03	Riboflavin, LC (ppm)	2023	9.200	0.2000				2			0
105.00	Thiamine, LC (ppm)	2319	9.245	0.3900				2			0
105.00	Thiamine, LC (ppm)	2023	12.80	0.4000				2			0
106.01	Vitamin A, UV (KU / kg)	0098	8.550	0.4600				1			0
106.02	Vitamin A, LC (KU / kg)	0563	7.100	0.9743	8.751	1.629	1.029	13	-1.01	9%	0
106.02	Vitamin A, LC (KU / kg)	0148	7.132	0.4669	8.751	1.629	1.029	13	-0.99	9%	0
106.02	Vitamin A, LC (KU / kg)	2319	7.230	1.340	8.751	1.629	1.029	13	-0.93	9%	0
106.02	Vitamin A, LC (KU / kg)	0656	7.870	0.0000	8.751	1.629	1.029	13	-0.54	5%	0
106.02	Vitamin A, LC (KU / kg)	0610	7.900	0.8000	8.751	1.629	1.029	13	-0.52	5%	0
106.02	Vitamin A, LC (KU / kg)	0010	8.235	0.9100	8.751	1.629	1.029	13	-0.32	3%	0
106.02	Vitamin A, LC (KU / kg)	0017	8.405	1.590	8.751	1.629	1.029	13	-0.21	2%	0
106.02	Vitamin A, LC (KU / kg)	0036	8.700	1.200	8.751	1.629	1.029	13	-0.03	0%	0
106.02	Vitamin A, LC (KU / kg)	0208	8.796	1.764	8.751	1.629	1.029	13	0.03	0%	0
106.02	Vitamin A, LC (KU / kg)	0682	9.720	0.0000	8.751	1.629	1.029	13	0.59	6%	0
106.02	Vitamin A, LC (KU / kg)	0870	10.29	1.683	8.751	1.629	1.029	13	0.94	9%	0
106.02	Vitamin A, LC (KU / kg)	2103	11.19	0.1930	8.751	1.629	1.029	13	1.50	14%	0
106.02	Vitamin A, LC (KU / kg)	2023	13.50	0.4000	8.751	1.629	1.029	13	2.92	27%	0
106.02	Vitamin A, LC (KU / kg)	2428	1,067	67.00	8.751	1.629	1.029	13	>100	6044%	1
106.02	Vitamin A, LC (KU / kg)	0689	12,773	5.000	8.751	1.629	1.029	13	>100	72929%	2
107.99	Vitamin B12, Miscellaneous (ppb)	2319	16.00	4.000				1			0
108.02	Vitamin D3, LC (KU / kg)	0870	0.2324	0.0040				2			0
108.02	Vitamin D3, LC (KU / kg)	2428	212.0	0.0000				2			0
108.02	Vitamin D3, LC (KU / kg)	0148	< 0.384					2			5
108.02	Vitamin D3, LC (KU / kg)	2319	< 0.5					2			5
108.99	Vitamin D3, Miscellaneous (KU / kg)	0010	0.1785	0.0130				1			0
108.99	Vitamin D3, Miscellaneous (KU / kg)	2023	< 0.052					1			5
109.02	Vitamin E, LC (IU / kg)	0610	53.75	5.100	65.56	10.96	3.050	9	-1.08	9%	0
109.02	Vitamin E, LC (IU / kg)	2023	56.50	3.000	65.56	10.96	3.050	9	-0.83	7%	0
109.02	Vitamin E, LC (IU / kg)	0036	57.75	1.500	65.56	10.96	3.050	9	-0.71	6%	0
109.02	Vitamin E, LC (IU / kg)	0208	60.70	2.400	65.56	10.96	3.050	9	-0.44	4%	0
109.02	Vitamin E, LC (IU / kg)	2319	64.35	5.500	65.56	10.96	3.050	9	-0.11	1%	0
109.02	Vitamin E, LC (IU / kg)	0563	68.47	1.015	65.56	10.96	3.050	9	0.27	2%	0
109.02	Vitamin E, LC (IU / kg)	0148	68.62	0.7634	65.56	10.96	3.050	9	0.28	2%	0

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109.02	Vitamin E, LC (IU / kg)	0870	77.88	6.175	65.56	10.96	3.050	9	1.12	9%	0
109.02	Vitamin E, LC (IU / kg)	2428	119.0	2.000	65.56	10.96	3.050	9	4.88	41%	0
109.02	Vitamin E, LC (IU / kg)	0098	65.90	23.20	65.56	10.96	3.050	9	0.03	0%	1
109.99	Vitamin E, Miscellaneous (IU / kg)	0171	56.50	3.000				2			0
109.99	Vitamin E, Miscellaneous (IU / kg)	0656	64.00	0.0000				2			0
112.01	Pyridoxine, LC (µg / g)	2319	5.765	0.1100				1			0
113.02	Folic acid, LC (ppm)	2319	0.7200	0.0400				1			0
114.99	Biotin, Miscellaneous (ppm)	0870	0.1039	0.0039				1			0
115.00	Non Protein N (NPN), Urea + Am, Urease meth	0407	0.3923	0.0656				2			0
115.00	Non Protein N (NPN), Urea + Am, Urease meth	0098	3.485	0.0100				2			0
115.99	Non Protein N (NPN), Miscellaneous (%)	2129	0.7034	0.0372				1			0
120.00	Alanine, Post-col Ninhydrin Der (%)	0941	1.719	0.0410	1.924	0.0520	0.0205	12	-3.96	5%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0354	1.859	0.0050	1.924	0.0520	0.0205	12	-1.26	2%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0910	1.885	0.0500	1.924	0.0520	0.0205	12	-0.75	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0872	1.888	0.0060	1.924	0.0520	0.0205	12	-0.70	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0226	1.922	0.0028	1.924	0.0520	0.0205	12	-0.04	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0675	1.939	0.0100	1.924	0.0520	0.0205	12	0.28	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0644	1.941	0.0030	1.924	0.0520	0.0205	12	0.31	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0353	1.945	0.0500	1.924	0.0520	0.0205	12	0.40	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0968	1.950	0.0000	1.924	0.0520	0.0205	12	0.50	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0571	1.951	0.0240	1.924	0.0520	0.0205	12	0.52	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	2059	1.963	0.0140	1.924	0.0520	0.0205	12	0.75	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0939	2.010	0.0200	1.924	0.0520	0.0205	12	1.65	2%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0504	1.995	0.1100	1.924	0.0520	0.0205	12	1.36	2%	1
120.02	Alanine, Post-col OPA Der (%)	2023	1.760	0.0600				2			0
120.02	Alanine, Post-col OPA Der (%)	0098	1.893	0.0220				2			0
120.05	Alanine, Pre-col AQC Der (%)	0610	1.935	0.0100	1.966	0.0257	0.0143	7	-1.19	1%	0
120.05	Alanine, Pre-col AQC Der (%)	0870	1.951	0.0140	1.966	0.0257	0.0143	7	-0.57	0%	0
120.05	Alanine, Pre-col AQC Der (%)	0682	1.956	0.0000	1.966	0.0257	0.0143	7	-0.37	0%	0
120.05	Alanine, Pre-col AQC Der (%)	2319	1.960	0.0000	1.966	0.0257	0.0143	7	-0.22	0%	0
120.05	Alanine, Pre-col AQC Der (%)	0148	1.970	0.0200	1.966	0.0257	0.0143	7	0.17	0%	0
120.05	Alanine, Pre-col AQC Der (%)	2196	1.983	0.0000	1.966	0.0257	0.0143	7	0.68	0%	0
120.05	Alanine, Pre-col AQC Der (%)	0407	2.109	0.0130	1.966	0.0257	0.0143	7	5.56	4%	0
120.05	Alanine, Pre-col AQC Der (%)	0242	2.100	0.1200	1.966	0.0257	0.0143	7	5.23	3%	1
120.99	Alanine, Miscellaneous (%)	2146	1.965	0.0100				1			0
121.00	Arginine, Post-col Ninhydrin Der (%)	0941	1.473	0.0000	1.623	0.0426	0.0199	13	-3.51	5%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0354	1.568	0.0010	1.623	0.0426	0.0199	13	-1.29	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0353	1.595	0.0500	1.623	0.0426	0.0199	13	-0.65	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0939	1.605	0.0300	1.623	0.0426	0.0199	13	-0.41	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0226	1.605	0.0340	1.623	0.0426	0.0199	13	-0.41	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0675	1.616	0.0090	1.623	0.0426	0.0199	13	-0.16	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0872	1.625	0.0050	1.623	0.0426	0.0199	13	0.05	0%	0

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121.00	Arginine, Post-col Ninhydrin Der (%)	0644	1.625	0.0060	1.623	0.0426	0.0199	13	0.06	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0910	1.635	0.0500	1.623	0.0426	0.0199	13	0.29	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	2059	1.645	0.0100	1.623	0.0426	0.0199	13	0.53	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0968	1.660	0.0000	1.623	0.0426	0.0199	13	0.88	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0504	1.670	0.0200	1.623	0.0426	0.0199	13	1.12	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0571	1.688	0.0040	1.623	0.0426	0.0199	13	1.54	2%	0
121.02	Arginine, Post-col OPA Der (%)	2023	1.490	0.0600				2			0
121.02	Arginine, Post-col OPA Der (%)	0098	1.519	0.0340				2			0
121.05	Arginine, Pre-col AQC Der (%)	0148	1.515	0.0100	1.668	0.1163	0.0120	7	-1.31	5%	0
121.05	Arginine, Pre-col AQC Der (%)	0870	1.593	0.0200	1.668	0.1163	0.0120	7	-0.64	2%	0
121.05	Arginine, Pre-col AQC Der (%)	0682	1.634	0.0000	1.668	0.1163	0.0120	7	-0.29	1%	0
121.05	Arginine, Pre-col AQC Der (%)	0407	1.656	0.0100	1.668	0.1163	0.0120	7	-0.10	0%	0
121.05	Arginine, Pre-col AQC Der (%)	0610	1.685	0.0100	1.668	0.1163	0.0120	7	0.15	1%	0
121.05	Arginine, Pre-col AQC Der (%)	2319	1.785	0.0100	1.668	0.1163	0.0120	7	1.01	4%	0
121.05	Arginine, Pre-col AQC Der (%)	2196	1.805	0.0000	1.668	0.1163	0.0120	7	1.18	4%	0
121.05	Arginine, Pre-col AQC Der (%)	0242	1.530	0.1000	1.668	0.1163	0.0120	7	-1.18	4%	1
121.99	Arginine, Miscellaneous (%)	2146	1.810	0.0200				1			0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0941	2.158	0.1560	2.404	0.0593	0.0297	13	-4.14	5%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0354	2.319	0.0070	2.404	0.0593	0.0297	13	-1.43	2%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0226	2.358	0.0372	2.404	0.0593	0.0297	13	-0.78	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0644	2.378	0.0110	2.404	0.0593	0.0297	13	-0.44	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0910	2.380	0.0600	2.404	0.0593	0.0297	13	-0.40	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0872	2.404	0.0010	2.404	0.0593	0.0297	13	0.00	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0675	2.409	0.0020	2.404	0.0593	0.0297	13	0.09	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0939	2.415	0.0100	2.404	0.0593	0.0297	13	0.19	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0968	2.430	0.0400	2.404	0.0593	0.0297	13	0.45	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0571	2.444	0.0390	2.404	0.0593	0.0297	13	0.67	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	2059	2.457	0.0060	2.404	0.0593	0.0297	13	0.90	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0353	2.460	0.0200	2.404	0.0593	0.0297	13	0.95	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0504	2.480	0.2000	2.404	0.0593	0.0297	13	1.29	2%	0
122.02	Aspartic, Post-col OPA Der (%)	2023	2.205	0.0700				2			0
122.02	Aspartic, Post-col OPA Der (%)	0098	2.329	0.0620				2			0
122.05	Aspartic, Pre-col AQC Der (%)	0407	2.318	0.0140	2.465	0.0996	0.0322	7	-1.47	3%	0
122.05	Aspartic, Pre-col AQC Der (%)	0610	2.415	0.0300	2.465	0.0996	0.0322	7	-0.50	1%	0
122.05	Aspartic, Pre-col AQC Der (%)	2196	2.422	0.0000	2.465	0.0996	0.0322	7	-0.43	1%	0
122.05	Aspartic, Pre-col AQC Der (%)	2319	2.470	0.0400	2.465	0.0996	0.0322	7	0.05	0%	0
122.05	Aspartic, Pre-col AQC Der (%)	0870	2.510	0.0470	2.465	0.0996	0.0322	7	0.45	1%	0
122.05	Aspartic, Pre-col AQC Der (%)	0148	2.545	0.0300	2.465	0.0996	0.0322	7	0.81	2%	0
122.05	Aspartic, Pre-col AQC Der (%)	0682	2.574	0.0000	2.465	0.0996	0.0322	7	1.10	2%	0
122.05	Aspartic, Pre-col AQC Der (%)	0242	2.865	0.4100	2.465	0.0996	0.0322	7	4.02	8%	1
122.99	Aspartic, Miscellaneous (%)	2146	2.515	0.0100				1			0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0941	0.3860	0.0260	0.4330	0.0258	0.0107	13	-1.82	5%	0

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124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0354	0.4085	0.0050	0.4330	0.0258	0.0107	13	-0.95	3%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0910	0.4100	0.0200	0.4330	0.0258	0.0107	13	-0.89	3%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0644	0.4165	0.0030	0.4330	0.0258	0.0107	13	-0.64	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0939	0.4200	0.0000	0.4330	0.0258	0.0107	13	-0.50	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	2059	0.4280	0.0020	0.4330	0.0258	0.0107	13	-0.19	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0872	0.4295	0.0050	0.4330	0.0258	0.0107	13	-0.14	0%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0968	0.4400	0.0000	0.4330	0.0258	0.0107	13	0.27	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0353	0.4500	0.0000	0.4330	0.0258	0.0107	13	0.66	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0675	0.4515	0.0050	0.4330	0.0258	0.0107	13	0.72	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0226	0.4524	0.0088	0.4330	0.0258	0.0107	13	0.75	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0571	0.4565	0.0050	0.4330	0.0258	0.0107	13	0.91	3%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0504	0.4950	0.0300	0.4330	0.0258	0.0107	13	2.40	7%	0
124.02	Cysteine/Cystine, PAO Post-col OPA Der (%)	0098	0.4710	0.0220				2			0
124.02	Cysteine/Cystine, PAO Post-col OPA Der (%)	2023	0.4800	0.0000				2			0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0870	0.2965	0.0170	0.3973	0.0808	0.0099	7	-1.25	13%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	2196	0.3410	0.0000	0.3973	0.0808	0.0099	7	-0.70	7%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0242	0.3500	0.0000	0.3973	0.0808	0.0099	7	-0.59	6%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	2319	0.4150	0.0100	0.3973	0.0808	0.0099	7	0.22	2%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0407	0.4167	0.0028	0.3973	0.0808	0.0099	7	0.24	2%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0682	0.4720	0.0000	0.3973	0.0808	0.0099	7	0.92	9%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0610	0.4900	0.0000	0.3973	0.0808	0.0099	7	1.15	12%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0148	0.5260	0.1140	0.3973	0.0808	0.0099	7	1.59	16%	1
124.99	Cysteine/Cystine, Miscellaneous (%)	2146	0.4550	0.0100				1			0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0872	5.040	0.0080	5.570	0.2334	0.0380	12	-2.27	5%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0354	5.301	0.0070	5.570	0.2334	0.0380	12	-1.15	2%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0910	5.390	0.1000	5.570	0.2334	0.0380	12	-0.77	2%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0644	5.496	0.0020	5.570	0.2334	0.0380	12	-0.32	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0571	5.505	0.0000	5.570	0.2334	0.0380	12	-0.28	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	2059	5.508	0.0090	5.570	0.2334	0.0380	12	-0.27	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0675	5.580	0.0010	5.570	0.2334	0.0380	12	0.04	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0968	5.650	0.0400	5.570	0.2334	0.0380	12	0.34	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0504	5.735	0.0700	5.570	0.2334	0.0380	12	0.71	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0939	5.755	0.0300	5.570	0.2334	0.0380	12	0.79	2%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0226	5.828	0.0477	5.570	0.2334	0.0380	12	1.11	2%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0353	5.870	0.1200	5.570	0.2334	0.0380	12	1.29	3%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0941	5.095	0.2950	5.570	0.2334	0.0380	12	-2.04	4%	1
125.02	Glutamic, Post-col OPA Der (%)	2023	4.770	0.3000				2			0
125.02	Glutamic, Post-col OPA Der (%)	0098	5.384	0.1040				2			0
125.05	Glutamic, Pre-col AQC Der (%)	0407	5.001	0.0310	5.663	0.2729	0.0808	7	-2.43	6%	0
125.05	Glutamic, Pre-col AQC Der (%)	2319	5.545	0.0700	5.663	0.2729	0.0808	7	-0.43	1%	0
125.05	Glutamic, Pre-col AQC Der (%)	0610	5.590	0.0800	5.663	0.2729	0.0808	7	-0.27	1%	0
125.05	Glutamic, Pre-col AQC Der (%)	2196	5.686	0.0000	5.663	0.2729	0.0808	7	0.08	0%	0

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			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs			
125.05	Glutamic, Pre-col AQC Der (%)	0870	5.710	0.0830	5.663	0.2729	0.0808	7	0.17	0%	0
125.05	Glutamic, Pre-col AQC Der (%)	0682	5.838	0.0000	5.663	0.2729	0.0808	7	0.64	2%	0
125.05	Glutamic, Pre-col AQC Der (%)	0148	6.020	0.1400	5.663	0.2729	0.0808	7	1.31	3%	0
125.05	Glutamic, Pre-col AQC Der (%)	0242	6.300	0.6200	5.663	0.2729	0.0808	7	2.33	6%	1
125.99	Glutamic, Miscellaneous (%)	2146	5.390	0.0200				1			0
126.00	Glycine, Post-col Ninhydrin Der (%)	0941	1.425	0.0760	1.547	0.0382	0.0096	12	-3.21	4%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0872	1.499	0.0020	1.547	0.0382	0.0096	12	-1.27	2%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0354	1.502	0.0030	1.547	0.0382	0.0096	12	-1.20	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0910	1.540	0.0200	1.547	0.0382	0.0096	12	-0.19	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0675	1.545	0.0100	1.547	0.0382	0.0096	12	-0.06	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0226	1.553	0.0088	1.547	0.0382	0.0096	12	0.15	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0571	1.560	0.0020	1.547	0.0382	0.0096	12	0.33	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0968	1.565	0.0100	1.547	0.0382	0.0096	12	0.46	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0353	1.570	0.0000	1.547	0.0382	0.0096	12	0.59	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	2059	1.574	0.0040	1.547	0.0382	0.0096	12	0.70	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0939	1.580	0.0200	1.547	0.0382	0.0096	12	0.85	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0644	1.591	0.0020	1.547	0.0382	0.0096	12	1.14	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0504	1.665	0.2100	1.547	0.0382	0.0096	12	3.08	4%	1
126.02	Glycine, Post-col OPA Der (%)	2023	1.400	0.0600				2			0
126.02	Glycine, Post-col OPA Der (%)	0098	1.515	0.0530				2			0
126.05	Glycine, Pre-col AQC Der (%)	0148	1.465	0.0700	1.556	0.0725	0.0459	8	-1.26	3%	0
126.05	Glycine, Pre-col AQC Der (%)	0870	1.498	0.0360	1.556	0.0725	0.0459	8	-0.81	2%	0
126.05	Glycine, Pre-col AQC Der (%)	0682	1.522	0.0000	1.556	0.0725	0.0459	8	-0.47	1%	0
126.05	Glycine, Pre-col AQC Der (%)	0610	1.550	0.0200	1.556	0.0725	0.0459	8	-0.09	0%	0
126.05	Glycine, Pre-col AQC Der (%)	0242	1.555	0.1300	1.556	0.0725	0.0459	8	-0.02	0%	0
126.05	Glycine, Pre-col AQC Der (%)	2319	1.585	0.0300	1.556	0.0725	0.0459	8	0.39	1%	0
126.05	Glycine, Pre-col AQC Der (%)	2196	1.611	0.0000	1.556	0.0725	0.0459	8	0.75	2%	0
126.05	Glycine, Pre-col AQC Der (%)	0407	1.938	0.0120	1.556	0.0725	0.0459	8	5.26	12%	0
126.99	Glycine, Miscellaneous (%)	2146	1.960	0.1200				1			0
127.00	Histidine, Post-col Ninhydrin Der (%)	0941	0.6340	0.1020	0.6918	0.0421	0.0112	12	-1.37	4%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0226	0.6341	0.0058	0.6918	0.0421	0.0112	12	-1.37	4%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0939	0.6550	0.0100	0.6918	0.0421	0.0112	12	-0.87	3%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0910	0.6700	0.0200	0.6918	0.0421	0.0112	12	-0.52	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0968	0.6950	0.0100	0.6918	0.0421	0.0112	12	0.08	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	2059	0.6950	0.0020	0.6918	0.0421	0.0112	12	0.08	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0644	0.6990	0.0020	0.6918	0.0421	0.0112	12	0.17	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0571	0.7015	0.0010	0.6918	0.0421	0.0112	12	0.23	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0675	0.7095	0.0010	0.6918	0.0421	0.0112	12	0.42	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0872	0.7280	0.0020	0.6918	0.0421	0.0112	12	0.86	3%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0353	0.7300	0.0200	0.6918	0.0421	0.0112	12	0.91	3%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0504	0.7500	0.0800	0.6918	0.0421	0.0112	12	1.38	4%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0354	0.4525	0.3010	0.6918	0.0421	0.0112	12	-5.69	17%	1

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			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs			
127.02	Histidine, Post-col OPA Der (%)	2023	0.6400	0.0200				2			0
127.02	Histidine, Post-col OPA Der (%)	0098	0.7105	0.0190				2			0
127.05	Histidine, Pre-col AQC Der (%)	0148	0.6405	0.0530	0.7133	0.0642	0.0392	8	-1.13	5%	0
127.05	Histidine, Pre-col AQC Der (%)	0407	0.6640	0.0040	0.7133	0.0642	0.0392	8	-0.77	3%	0
127.05	Histidine, Pre-col AQC Der (%)	0870	0.6860	0.0680	0.7133	0.0642	0.0392	8	-0.43	2%	0
127.05	Histidine, Pre-col AQC Der (%)	0682	0.6990	0.0000	0.7133	0.0642	0.0392	8	-0.22	1%	0
127.05	Histidine, Pre-col AQC Der (%)	2319	0.7100	0.0200	0.7133	0.0642	0.0392	8	-0.05	0%	0
127.05	Histidine, Pre-col AQC Der (%)	0610	0.7150	0.0300	0.7133	0.0642	0.0392	8	0.03	0%	0
127.05	Histidine, Pre-col AQC Der (%)	0242	0.7900	0.0600	0.7133	0.0642	0.0392	8	1.19	5%	0
127.05	Histidine, Pre-col AQC Der (%)	2196	0.8020	0.0000	0.7133	0.0642	0.0392	8	1.38	6%	0
127.99	Histidine, Miscellaneous (%)	2146	0.6800	0.0000				1			0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0941	1.029	0.0960	1.177	0.0980	0.0272	13	-1.51	6%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0939	1.055	0.0300	1.177	0.0980	0.0272	13	-1.24	5%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0354	1.100	0.0090	1.177	0.0980	0.0272	13	-0.79	3%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0226	1.144	0.0100	1.177	0.0980	0.0272	13	-0.33	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0910	1.160	0.0400	1.177	0.0980	0.0272	13	-0.17	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0675	1.175	0.0100	1.177	0.0980	0.0272	13	-0.02	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0968	1.180	0.0000	1.177	0.0980	0.0272	13	0.03	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0872	1.186	0.0020	1.177	0.0980	0.0272	13	0.10	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0644	1.206	0.0010	1.177	0.0980	0.0272	13	0.29	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0571	1.206	0.0360	1.177	0.0980	0.0272	13	0.30	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	2059	1.208	0.0150	1.177	0.0980	0.0272	13	0.32	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0504	1.325	0.0700	1.177	0.0980	0.0272	13	1.51	6%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0353	1.370	0.0400	1.177	0.0980	0.0272	13	1.97	8%	0
128.02	Isoleucine, Post-col OPA Der (%)	2023	1.010	0.0400				2			0
128.02	Isoleucine, Post-col OPA Der (%)	0098	1.252	0.0160				2			0
128.05	Isoleucine, Pre-col AQC Der (%)	2319	0.9700	0.0400	1.194	0.0589	0.0310	8	-3.80	9%	0
128.05	Isoleucine, Pre-col AQC Der (%)	0407	1.137	0.0070	1.194	0.0589	0.0310	8	-0.97	2%	0
128.05	Isoleucine, Pre-col AQC Der (%)	2196	1.177	0.0000	1.194	0.0589	0.0310	8	-0.29	1%	0
128.05	Isoleucine, Pre-col AQC Der (%)	0870	1.192	0.0120	1.194	0.0589	0.0310	8	-0.03	0%	0
128.05	Isoleucine, Pre-col AQC Der (%)	0682	1.220	0.0000	1.194	0.0589	0.0310	8	0.44	1%	0
128.05	Isoleucine, Pre-col AQC Der (%)	0242	1.225	0.1100	1.194	0.0589	0.0310	8	0.53	1%	0
128.05	Isoleucine, Pre-col AQC Der (%)	0148	1.240	0.0400	1.194	0.0589	0.0310	8	0.78	2%	0
128.05	Isoleucine, Pre-col AQC Der (%)	0610	1.255	0.0100	1.194	0.0589	0.0310	8	1.04	3%	0
128.99	Isoleucine, Miscellaneous (%)	2146	1.140	0.0400				1			0
129.00	Leucine, Post-col Ninhydrin Der (%)	0941	2.736	0.1550	3.000	0.0720	0.0495	13	-3.67	4%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0872	2.924	0.0080	3.000	0.0720	0.0495	13	-1.06	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0910	2.930	0.0800	3.000	0.0720	0.0495	13	-0.97	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0939	2.970	0.0000	3.000	0.0720	0.0495	13	-0.42	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0571	2.980	0.1180	3.000	0.0720	0.0495	13	-0.28	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0354	2.987	0.0020	3.000	0.0720	0.0495	13	-0.18	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0644	2.990	0.0090	3.000	0.0720	0.0495	13	-0.15	0%	0

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129.00	Leucine, Post-col Ninhydrin Der (%)	2059	3.003	0.0070	3.000	0.0720	0.0495	13	0.03	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0226	3.039	0.0015	3.000	0.0720	0.0495	13	0.54	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0675	3.045	0.0100	3.000	0.0720	0.0495	13	0.62	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0968	3.060	0.0000	3.000	0.0720	0.0495	13	0.83	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0353	3.075	0.0900	3.000	0.0720	0.0495	13	1.04	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0504	3.120	0.0800	3.000	0.0720	0.0495	13	1.66	2%	0
129.02	Leucine, Post-col OPA Der (%)	2023	2.675	0.1100				2			0
129.02	Leucine, Post-col OPA Der (%)	0098	2.953	0.0050				2			0
129.05	Leucine, Pre-col AQC Der (%)	2196	2.867	0.0000	2.999	0.0937	0.0488	8	-1.41	2%	0
129.05	Leucine, Pre-col AQC Der (%)	2319	2.890	0.0200	2.999	0.0937	0.0488	8	-1.16	2%	0
129.05	Leucine, Pre-col AQC Der (%)	0870	2.987	0.0360	2.999	0.0937	0.0488	8	-0.13	0%	0
129.05	Leucine, Pre-col AQC Der (%)	0682	3.020	0.0000	2.999	0.0937	0.0488	8	0.23	0%	0
129.05	Leucine, Pre-col AQC Der (%)	0407	3.032	0.0180	2.999	0.0937	0.0488	8	0.35	1%	0
129.05	Leucine, Pre-col AQC Der (%)	0148	3.040	0.0000	2.999	0.0937	0.0488	8	0.44	1%	0
129.05	Leucine, Pre-col AQC Der (%)	0610	3.040	0.0600	2.999	0.0937	0.0488	8	0.44	1%	0
129.05	Leucine, Pre-col AQC Der (%)	0242	3.115	0.1100	2.999	0.0937	0.0488	8	1.24	2%	0
129.99	Leucine, Miscellaneous (%)	2146	2.905	0.1100				1			0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0941	1.021	0.0780	1.260	0.0571	0.0253	13	-4.19	9%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0226	1.198	0.0038	1.260	0.0571	0.0253	13	-1.10	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0354	1.212	0.0120	1.260	0.0571	0.0253	13	-0.85	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0675	1.215	0.0100	1.260	0.0571	0.0253	13	-0.79	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0939	1.230	0.0200	1.260	0.0571	0.0253	13	-0.53	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0910	1.255	0.0100	1.260	0.0571	0.0253	13	-0.09	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0968	1.285	0.0100	1.260	0.0571	0.0253	13	0.43	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0644	1.289	0.0080	1.260	0.0571	0.0253	13	0.50	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0353	1.290	0.0600	1.260	0.0571	0.0253	13	0.52	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0571	1.291	0.0460	1.260	0.0571	0.0253	13	0.54	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	2059	1.291	0.0060	1.260	0.0571	0.0253	13	0.54	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0872	1.309	0.0050	1.260	0.0571	0.0253	13	0.84	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0504	1.365	0.1100	1.260	0.0571	0.0253	13	1.83	4%	0
130.02	L-Lysine, Post-col OPA Der (%)	2023	1.135	0.0300				2			0
130.02	L-Lysine, Post-col OPA Der (%)	0098	1.372	0.0510				2			0
130.05	L-Lysine, Pre-col AQC Der (%)	0682	1.211	0.0000	1.290	0.0767	0.0165	7	-1.03	3%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0870	1.238	0.0080	1.290	0.0767	0.0165	7	-0.68	2%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0610	1.245	0.0100	1.290	0.0767	0.0165	7	-0.59	2%	0
130.05	L-Lysine, Pre-col AQC Der (%)	2319	1.280	0.0400	1.290	0.0767	0.0165	7	-0.13	0%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0148	1.310	0.0000	1.290	0.0767	0.0165	7	0.26	1%	0
130.05	L-Lysine, Pre-col AQC Der (%)	2196	1.342	0.0000	1.290	0.0767	0.0165	7	0.68	2%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0407	1.414	0.0080	1.290	0.0767	0.0165	7	1.61	5%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0242	1.390	0.1400	1.290	0.0767	0.0165	7	1.30	4%	1
130.99	L-Lysine, Miscellaneous (%)	2146	1.465	0.0300				1			0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0354	0.5015	0.0010	0.5364	0.0198	0.0095	12	-1.76	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			
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0939	0.5100	0.0200	0.5364	0.0198	0.0095	12	-1.33	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0872	0.5275	0.0010	0.5364	0.0198	0.0095	12	-0.45	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0910	0.5300	0.0000	0.5364	0.0198	0.0095	12	-0.32	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0226	0.5326	0.0009	0.5364	0.0198	0.0095	12	-0.19	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0968	0.5350	0.0100	0.5364	0.0198	0.0095	12	-0.07	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0675	0.5365	0.0070	0.5364	0.0198	0.0095	12	0.01	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0571	0.5380	0.0020	0.5364	0.0198	0.0095	12	0.08	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0504	0.5450	0.0300	0.5364	0.0198	0.0095	12	0.44	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	2059	0.5505	0.0050	0.5364	0.0198	0.0095	12	0.71	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0644	0.5585	0.0030	0.5364	0.0198	0.0095	12	1.12	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0353	0.6150	0.0300	0.5364	0.0198	0.0095	12	3.97	7%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0941	0.4705	0.0650	0.5364	0.0198	0.0095	12	-3.32	6%	1
131.02	Methionine, PAO Post-col OPA Der (%)	2023	0.5150	0.0300				2			0
131.02	Methionine, PAO Post-col OPA Der (%)	0098	0.5270	0.0020				2			0
131.05	Methionine, PAO Pre-col AQC Der (%)	2196	0.4850	0.0000	0.5511	0.0545	0.0188	8	-1.21	6%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	0870	0.5095	0.0050	0.5511	0.0545	0.0188	8	-0.76	4%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	2319	0.5200	0.0200	0.5511	0.0545	0.0188	8	-0.57	3%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	0242	0.5450	0.0500	0.5511	0.0545	0.0188	8	-0.11	1%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	0610	0.5500	0.0000	0.5511	0.0545	0.0188	8	-0.02	0%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	0682	0.5710	0.0000	0.5511	0.0545	0.0188	8	0.37	2%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	0148	0.5955	0.0150	0.5511	0.0545	0.0188	8	0.82	4%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	0407	0.7300	0.0041	0.5511	0.0545	0.0188	8	3.28	16%	0
131.99	Methionine, Miscellaneous (%)	2146	0.5750	0.0100				1			0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0941	1.232	0.0690	1.460	0.0604	0.0264	13	-3.78	8%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0354	1.330	0.0000	1.460	0.0604	0.0264	13	-2.15	4%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0226	1.419	0.0493	1.460	0.0604	0.0264	13	-0.67	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0910	1.425	0.0500	1.460	0.0604	0.0264	13	-0.58	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0353	1.450	0.0200	1.460	0.0604	0.0264	13	-0.17	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0571	1.462	0.0140	1.460	0.0604	0.0264	13	0.03	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	2059	1.466	0.0120	1.460	0.0604	0.0264	13	0.10	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0644	1.474	0.0030	1.460	0.0604	0.0264	13	0.22	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0872	1.486	0.0070	1.460	0.0604	0.0264	13	0.42	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0675	1.499	0.0020	1.460	0.0604	0.0264	13	0.65	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0939	1.505	0.0100	1.460	0.0604	0.0264	13	0.75	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0968	1.505	0.0100	1.460	0.0604	0.0264	13	0.75	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0504	1.570	0.0800	1.460	0.0604	0.0264	13	1.82	4%	0
132.02	Phenylalanine, Post-col OPA Der (%)	2023	1.360	0.0400				2			0
132.02	Phenylalanine, Post-col OPA Der (%)	0098	1.439	0.0010				2			0
132.05	Phenylalanine, Pre-col AQC Der (%)	2196	1.393	0.0000	1.437	0.0362	0.0238	8	-1.22	2%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	0870	1.401	0.0250	1.437	0.0362	0.0238	8	-1.02	1%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	0407	1.424	0.0080	1.437	0.0362	0.0238	8	-0.37	0%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	2319	1.425	0.0100	1.437	0.0362	0.0238	8	-0.34	0%	0

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			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs			
132.05	Phenylalanine, Pre-col AQC Der (%)	0242	1.445	0.0700	1.437	0.0362	0.0238	8	0.21	0%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	0148	1.460	0.0200	1.437	0.0362	0.0238	8	0.63	1%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	0610	1.475	0.0300	1.437	0.0362	0.0238	8	1.04	1%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	0682	1.476	0.0000	1.437	0.0362	0.0238	8	1.07	1%	0
132.99	Phenylalanine, Miscellaneous (%)	2146	1.480	0.1600				1			0
133.00	Proline, Post-col Ninhydrin Der (%)	0941	1.978	0.0420	2.097	0.0664	0.0372	13	-1.80	3%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0939	1.995	0.0500	2.097	0.0664	0.0372	13	-1.54	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0353	2.060	0.2000	2.097	0.0664	0.0372	13	-0.56	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0968	2.070	0.0200	2.097	0.0664	0.0372	13	-0.41	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0571	2.084	0.0210	2.097	0.0664	0.0372	13	-0.21	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0354	2.098	0.0070	2.097	0.0664	0.0372	13	0.00	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0675	2.100	0.0600	2.097	0.0664	0.0372	13	0.04	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	2059	2.110	0.0060	2.097	0.0664	0.0372	13	0.19	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0872	2.118	0.0030	2.097	0.0664	0.0372	13	0.30	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0504	2.125	0.0700	2.097	0.0664	0.0372	13	0.42	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0910	2.130	0.1800	2.097	0.0664	0.0372	13	0.49	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0226	2.181	0.0126	2.097	0.0664	0.0372	13	1.25	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0644	2.196	0.0010	2.097	0.0664	0.0372	13	1.48	2%	0
133.05	Proline, Pre-col AQC Der (%)	0870	2.073	0.0000	2.121	0.0426	0.0348	8	-1.12	1%	0
133.05	Proline, Pre-col AQC Der (%)	0682	2.080	0.0000	2.121	0.0426	0.0348	8	-0.96	1%	0
133.05	Proline, Pre-col AQC Der (%)	2196	2.108	0.0000	2.121	0.0426	0.0348	8	-0.30	0%	0
133.05	Proline, Pre-col AQC Der (%)	0148	2.110	0.0200	2.121	0.0426	0.0348	8	-0.25	0%	0
133.05	Proline, Pre-col AQC Der (%)	0242	2.125	0.0300	2.121	0.0426	0.0348	8	0.10	0%	0
133.05	Proline, Pre-col AQC Der (%)	0610	2.125	0.0500	2.121	0.0426	0.0348	8	0.10	0%	0
133.05	Proline, Pre-col AQC Der (%)	2319	2.160	0.0600	2.121	0.0426	0.0348	8	0.92	1%	0
133.05	Proline, Pre-col AQC Der (%)	0407	2.197	0.0140	2.121	0.0426	0.0348	8	1.79	2%	0
133.99	Proline, Miscellaneous (%)	2146	2.155	0.0500				2			0
133.99	Proline, Miscellaneous (%)	2023	2.260	0.1200				2			0
134.00	Serine, Post-col Ninhydrin Der (%)	0941	1.229	0.0960	1.397	0.0368	0.0186	12	-4.55	6%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0354	1.372	0.0090	1.397	0.0368	0.0186	12	-0.68	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0644	1.378	0.0000	1.397	0.0368	0.0186	12	-0.50	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0675	1.379	0.0020	1.397	0.0368	0.0186	12	-0.48	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0872	1.385	0.0030	1.397	0.0368	0.0186	12	-0.33	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0910	1.385	0.0500	1.397	0.0368	0.0186	12	-0.31	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0571	1.386	0.0170	1.397	0.0368	0.0186	12	-0.30	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	2059	1.392	0.0090	1.397	0.0368	0.0186	12	-0.14	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0226	1.415	0.0046	1.397	0.0368	0.0186	12	0.51	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0968	1.430	0.0400	1.397	0.0368	0.0186	12	0.91	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0353	1.445	0.0100	1.397	0.0368	0.0186	12	1.32	2%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0939	1.515	0.0100	1.397	0.0368	0.0186	12	3.22	4%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0504	1.400	0.3600	1.397	0.0368	0.0186	12	0.09	0%	1
134.02	Serine, Post-col OPA Der (%)	0098	1.143	0.0690				2			0

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134.02	Serine, Post-col OPA Der (%)	2023	1.340	0.0400				2			0
134.05	Serine, Pre-col AQC Der (%)	0610	1.320	0.0200	1.409	0.0497	0.0308	8	-1.79	3%	0
134.05	Serine, Pre-col AQC Der (%)	0407	1.364	0.0080	1.409	0.0497	0.0308	8	-0.91	2%	0
134.05	Serine, Pre-col AQC Der (%)	0148	1.395	0.0500	1.409	0.0497	0.0308	8	-0.28	0%	0
134.05	Serine, Pre-col AQC Der (%)	0682	1.412	0.0000	1.409	0.0497	0.0308	8	0.06	0%	0
134.05	Serine, Pre-col AQC Der (%)	0870	1.418	0.0470	1.409	0.0497	0.0308	8	0.17	0%	0
134.05	Serine, Pre-col AQC Der (%)	0242	1.435	0.0500	1.409	0.0497	0.0308	8	0.52	1%	0
134.05	Serine, Pre-col AQC Der (%)	2319	1.445	0.0100	1.409	0.0497	0.0308	8	0.72	1%	0
134.05	Serine, Pre-col AQC Der (%)	2196	1.469	0.0000	1.409	0.0497	0.0308	8	1.21	2%	0
134.99	Serine, Miscellaneous (%)	2146	1.465	0.0100				1			0
135.00	Threonine, Post-col Ninhydrin Der (%)	0941	0.9680	0.0880	1.076	0.0290	0.0213	13	-3.73	5%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0226	1.027	0.0014	1.076	0.0290	0.0213	13	-1.69	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0675	1.060	0.0200	1.076	0.0290	0.0213	13	-0.56	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0910	1.065	0.0500	1.076	0.0290	0.0213	13	-0.39	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0644	1.074	0.0030	1.076	0.0290	0.0213	13	-0.09	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0571	1.075	0.0090	1.076	0.0290	0.0213	13	-0.06	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0354	1.076	0.0010	1.076	0.0290	0.0213	13	-0.03	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0872	1.077	0.0060	1.076	0.0290	0.0213	13	0.03	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0939	1.085	0.0100	1.076	0.0290	0.0213	13	0.30	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	2059	1.091	0.0070	1.076	0.0290	0.0213	13	0.49	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0968	1.095	0.0100	1.076	0.0290	0.0213	13	0.65	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0353	1.110	0.0400	1.076	0.0290	0.0213	13	1.16	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0504	1.135	0.1300	1.076	0.0290	0.0213	13	2.03	3%	0
135.02	Threonine, Post-col OPA Der (%)	0098	0.9750	0.0300				2			0
135.02	Threonine, Post-col OPA Der (%)	2023	1.005	0.0300				2			0
135.05	Threonine, Pre-col AQC Der (%)	0148	1.045	0.0300	1.076	0.0208	0.0168	8	-1.49	1%	0
135.05	Threonine, Pre-col AQC Der (%)	0242	1.065	0.0100	1.076	0.0208	0.0168	8	-0.53	1%	0
135.05	Threonine, Pre-col AQC Der (%)	0610	1.065	0.0100	1.076	0.0208	0.0168	8	-0.53	1%	0
135.05	Threonine, Pre-col AQC Der (%)	0870	1.071	0.0340	1.076	0.0208	0.0168	8	-0.24	0%	0
135.05	Threonine, Pre-col AQC Der (%)	0682	1.077	0.0000	1.076	0.0208	0.0168	8	0.05	0%	0
135.05	Threonine, Pre-col AQC Der (%)	0407	1.092	0.0070	1.076	0.0208	0.0168	8	0.74	1%	0
135.05	Threonine, Pre-col AQC Der (%)	2319	1.095	0.0100	1.076	0.0208	0.0168	8	0.91	1%	0
135.05	Threonine, Pre-col AQC Der (%)	2196	1.099	0.0000	1.076	0.0208	0.0168	8	1.10	1%	0
135.99	Threonine, Miscellaneous (%)	2146	1.125	0.0300				1			0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0682	0.2730	0.0000				2			0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0941	0.4724	0.0000				2			0
136.01	Tryptophan, Alka-Hydrol Rev Phase LC UV (%)	0968	0.2500	0.0000				2			0
136.01	Tryptophan, Alka-Hydrol Rev Phase LC UV (%)	0644	0.3115	0.0010				2			0
136.02	Tryptophan, Alka-Hydrol Post-col OPA De (%)	2023	0.0200	0.0000				2			0
136.02	Tryptophan, Alka-Hydrol Post-col OPA De (%)	0098	0.2928	0.0116				2			0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0226	0.2999	0.0132	0.3158	0.0150	0.0071	6	-1.06	3%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	2059	0.3090	0.0040	0.3158	0.0150	0.0071	6	-0.45	1%	0

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			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs			
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	2196	0.3090	0.0000	0.3158	0.0150	0.0071	6	-0.45	1%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0872	0.3185	0.0010	0.3158	0.0150	0.0071	6	0.18	0%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0939	0.3200	0.0000	0.3158	0.0150	0.0071	6	0.28	1%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0353	0.3450	0.0100	0.3158	0.0150	0.0071	6	1.95	5%	0
136.05	Tryptophan, Pre-col AQC Der (%)	0242	0.1900	0.0000	0.2965	0.0967	0.0253	4			0
136.05	Tryptophan, Pre-col AQC Der (%)	0407	0.2725	0.0010	0.2965	0.0967	0.0253	4			0
136.05	Tryptophan, Pre-col AQC Der (%)	2319	0.3000	0.0200	0.2965	0.0967	0.0253	4			0
136.05	Tryptophan, Pre-col AQC Der (%)	0870	0.4235	0.0550	0.2965	0.0967	0.0253	4			0
136.99	Tryptophan, Miscellaneous (%)	0504	0.2600	0.0000				2			0
136.99	Tryptophan, Miscellaneous (%)	0682	0.2730	0.0000				2			0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0910	0.7400	0.1200	1.011	0.1404	0.0202	12	-1.93	13%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0941	0.8095	0.0130	1.011	0.1404	0.0202	12	-1.44	10%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0675	0.9390	0.0020	1.011	0.1404	0.0202	12	-0.52	4%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0968	0.9600	0.0200	1.011	0.1404	0.0202	12	-0.37	3%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0939	0.9850	0.0300	1.011	0.1404	0.0202	12	-0.19	1%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0872	1.019	0.0060	1.011	0.1404	0.0202	12	0.05	0%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0644	1.023	0.0060	1.011	0.1404	0.0202	12	0.08	1%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0354	1.048	0.0220	1.011	0.1404	0.0202	12	0.26	2%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0226	1.083	0.0266	1.011	0.1404	0.0202	12	0.51	4%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0353	1.120	0.0200	1.011	0.1404	0.0202	12	0.77	5%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	2059	1.134	0.0070	1.011	0.1404	0.0202	12	0.87	6%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0504	1.215	0.0900	1.011	0.1404	0.0202	12	1.45	10%	0
137.02	Tyrosine, Post-col OPA Der (%)	2023	0.7900	0.0600				2			0
137.02	Tyrosine, Post-col OPA Der (%)	0098	0.8410	0.0260				2			0
137.05	Tyrosine, Pre-col AQC Der (%)	0242	0.8450	0.0300	1.027	0.1345	0.0132	7	-1.35	9%	0
137.05	Tyrosine, Pre-col AQC Der (%)	0682	0.9060	0.0000	1.027	0.1345	0.0132	7	-0.90	6%	0
137.05	Tyrosine, Pre-col AQC Der (%)	0407	1.024	0.0060	1.027	0.1345	0.0132	7	-0.02	0%	0
137.05	Tyrosine, Pre-col AQC Der (%)	0148	1.045	0.0100	1.027	0.1345	0.0132	7	0.14	1%	0
137.05	Tyrosine, Pre-col AQC Der (%)	2319	1.045	0.0100	1.027	0.1345	0.0132	7	0.14	1%	0
137.05	Tyrosine, Pre-col AQC Der (%)	0610	1.155	0.0100	1.027	0.1345	0.0132	7	0.95	6%	0
137.05	Tyrosine, Pre-col AQC Der (%)	2196	1.167	0.0000	1.027	0.1345	0.0132	7	1.04	7%	0
137.05	Tyrosine, Pre-col AQC Der (%)	0870	0.8820	0.0760	1.027	0.1345	0.0132	7	-1.08	7%	1
137.99	Tyrosine, Miscellaneous (%)	2146	1.080	0.0000				1			0
138.00	Valine, Post-col Ninhydrin Der (%)	0941	0.9895	0.0050	1.367	0.0808	0.0230	13	-4.68	14%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0939	1.280	0.0400	1.367	0.0808	0.0230	13	-1.08	3%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0354	1.284	0.0020	1.367	0.0808	0.0230	13	-1.03	3%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0910	1.335	0.0500	1.367	0.0808	0.0230	13	-0.40	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0872	1.344	0.0000	1.367	0.0808	0.0230	13	-0.29	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0226	1.368	0.0173	1.367	0.0808	0.0230	13	0.01	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	2059	1.381	0.0080	1.367	0.0808	0.0230	13	0.17	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0675	1.384	0.0320	1.367	0.0808	0.0230	13	0.21	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0571	1.391	0.0310	1.367	0.0808	0.0230	13	0.29	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			
138.00	Valine, Post-col Ninhydrin Der (%)	0644	1.393	0.0010	1.367	0.0808	0.0230	13	0.31	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0968	1.400	0.0000	1.367	0.0808	0.0230	13	0.41	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0504	1.480	0.0800	1.367	0.0808	0.0230	13	1.40	4%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0353	1.575	0.0100	1.367	0.0808	0.0230	13	2.57	8%	0
138.02	Valine, Post-col OPA Der (%)	2023	1.185	0.0500				2			0
138.02	Valine, Post-col OPA Der (%)	0098	1.449	0.0330				2			0
138.05	Valine, Pre-col AQC Der (%)	2319	1.165	0.0500	1.380	0.0430	0.0294	8	-5.01	8%	0
138.05	Valine, Pre-col AQC Der (%)	0407	1.349	0.0080	1.380	0.0430	0.0294	8	-0.73	1%	0
138.05	Valine, Pre-col AQC Der (%)	0870	1.371	0.0110	1.380	0.0430	0.0294	8	-0.23	0%	0
138.05	Valine, Pre-col AQC Der (%)	0242	1.375	0.0900	1.380	0.0430	0.0294	8	-0.12	0%	0
138.05	Valine, Pre-col AQC Der (%)	2196	1.382	0.0000	1.380	0.0430	0.0294	8	0.04	0%	0
138.05	Valine, Pre-col AQC Der (%)	0682	1.395	0.0000	1.380	0.0430	0.0294	8	0.34	1%	0
138.05	Valine, Pre-col AQC Der (%)	0148	1.420	0.0200	1.380	0.0430	0.0294	8	0.92	1%	0
138.05	Valine, Pre-col AQC Der (%)	0610	1.435	0.0100	1.380	0.0430	0.0294	8	1.27	2%	0
138.99	Valine, Miscellaneous (%)	2146	1.345	0.0100				1			0
139.00	Taurine, Post-col Ninhydrin Der (%)	0941	0.0820	0.0000				3			0
139.00	Taurine, Post-col Ninhydrin Der (%)	0939	0.1000	0.0000				3			0
139.00	Taurine, Post-col Ninhydrin Der (%)	0968	0.1500	0.0000				3			0
139.00	Taurine, Post-col Ninhydrin Der (%)	0504	0.3150	0.0100				3			1
139.02	Taurine, Post-col OPA Der (%)	0098	0.0935	0.0030				1			0
139.03	Taurine, Pre-col Dansyl Cl Der (%)	0160	0.1150	0.0300				1			0
139.05	Taurine, Pre-col AQC Der (%)	0682	0.0840	0.0000				2			0
139.05	Taurine, Pre-col AQC Der (%)	0407	0.1715	0.0010				2			0
160.10	Fructose, HPAEC PAD (%)	0353	0.0700	0.0000				1			0
160.10	Fructose, HPAEC PAD (%)	0297	0.0000	0.0000				1			4
161.10	Galactose, HPAEC PAD (%)	0297	0.0000	0.0000				0			4
162.10	Glucose, HPAEC PAD (%)	0353	0.0400	0.0000				1			0
162.10	Glucose, HPAEC PAD (%)	0297	0.0000	0.0000				1			4
163.10	Lactose, HPAEC PAD (%)	0353	0.0100	0.0000				1			0
163.10	Lactose, HPAEC PAD (%)	0297	0.0000	0.0000				1			4
164.10	Maltose, HPAEC PAD (%)	0353	0.0200	0.0000				1			0
164.10	Maltose, HPAEC PAD (%)	0297	0.0000	0.0000				1			4
165.10	Sucrose, HPAEC PAD (%)	0297	1.880	0.0600				2			0
165.10	Sucrose, HPAEC PAD (%)	0353	2.505	0.0700				2			0
166.10	Raffinose, HPAEC PAD (%)	0297	0.3350	0.0100				2			0
166.10	Raffinose, HPAEC PAD (%)	0353	0.5200	0.0200				2			0
167.10	Stachyose, HPAEC PAD (%)	0297	0.8850	0.0500				2			0
167.10	Stachyose, HPAEC PAD (%)	0353	1.170	0.1000				2			0
400.01	Water Activity, Aqualab chilled mirror (Units)	0942	0.3255	0.0050	0.3349	0.0119	0.0036	10	-0.79	1%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	0589	0.3260	0.0020	0.3349	0.0119	0.0036	10	-0.75	1%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	2268	0.3260	0.0060	0.3349	0.0119	0.0036	10	-0.75	1%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	2303	0.3285	0.0030	0.3349	0.0119	0.0036	10	-0.54	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			
400.01	Water Activity, Aqualab chilled mirror (Units)	0853	0.3287	0.0042	0.3349	0.0119	0.0036	10	-0.52	1%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	2181	0.3323	0.0005	0.3349	0.0119	0.0036	10	-0.23	0%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	2174	0.3376	0.0087	0.3349	0.0119	0.0036	10	0.22	0%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	2023	0.3395	0.0010	0.3349	0.0119	0.0036	10	0.38	1%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	2168	0.3525	0.0030	0.3349	0.0119	0.0036	10	1.48	3%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	0123	0.4100	0.0000	0.3349	0.0119	0.0036	10	6.31	11%	0
400.99	Water Activity, Miscellaneous (Units)	0910	0.3030	0.0080	0.3680	0.0704	0.0065	6	-0.92	9%	0
400.99	Water Activity, Miscellaneous (Units)	0148	0.3190	0.0040	0.3680	0.0704	0.0065	6	-0.70	7%	0
400.99	Water Activity, Miscellaneous (Units)	0676	0.3465	0.0050	0.3680	0.0704	0.0065	6	-0.31	3%	0
400.99	Water Activity, Miscellaneous (Units)	2387	0.3660	0.0000	0.3680	0.0704	0.0065	6	-0.03	0%	0
400.99	Water Activity, Miscellaneous (Units)	0852	0.4000	0.0000	0.3680	0.0704	0.0065	6	0.45	4%	0
400.99	Water Activity, Miscellaneous (Units)	2388	0.4755	0.0090	0.3680	0.0704	0.0065	6	1.53	15%	0
413.01	Starch, Resistant, Enzymatic-Colorimetric (%)	0910	0.5500	0.1000				1			0
516.00	Arsenic, Total (As), AA, Hydride (ppm)	0045	0.0320	0.0120				1			0
516.43	Arsenic, Total (As), ICP, Microwave (ppm)	0682	< 20					0			5
516.52	Arsenic, Total (As), ICP-MS, Open vessel (ppm)	0186	< 0.1					0			5
516.53	Arsenic, Total (As), ICP-MS, Microwave (ppm)	0553	0.0234	0.0012				2			0
516.53	Arsenic, Total (As), ICP-MS, Microwave (ppm)	0407	0.0308	0.0215				2			0
518.41	Cadmium, ICP, Dry ash (ppm)	2442	0.0295	0.0010				2			0
518.41	Cadmium, ICP, Dry ash (ppm)	0407	0.0535	0.0089				2			0
518.43	Cadmium, ICP, Microwave (ppm)	0407	0.0380	0.0041				2			0
518.43	Cadmium, ICP, Microwave (ppm)	0682	0.0400	0.0000				2			0
518.52	Cadmium, ICP-MS, Open vessel (ppm)	0186	< 0.1					0			5
518.53	Cadmium, ICP-MS, Microwave (ppm)	0407	0.0271	0.0015				2			0
518.53	Cadmium, ICP-MS, Microwave (ppm)	0553	0.0329	0.0005				2			0
520.41	Chromium, Total (Cr), ICP, Dry ash (ppm)	0407	0.7888	0.1324				2			0
520.41	Chromium, Total (Cr), ICP, Dry ash (ppm)	2442	0.8275	0.0270				2			0
520.42	Chromium, Total (Cr), ICP, Open vessel (ppm)	0045	1.051	0.1980				2			0
520.42	Chromium, Total (Cr), ICP, Open vessel (ppm)	0693	1.070	0.5000				2			0
520.43	Chromium, Total (Cr), ICP, Microwave (ppm)	0407	0.7515	0.0242	1.195	0.4474	0.0147	4			0
520.43	Chromium, Total (Cr), ICP, Microwave (ppm)	0510	1.035	0.0100	1.195	0.4474	0.0147	4			0
520.43	Chromium, Total (Cr), ICP, Microwave (ppm)	0226	1.185	0.0100	1.195	0.4474	0.0147	4			0
520.43	Chromium, Total (Cr), ICP, Microwave (ppm)	0682	1.810	0.0000	1.195	0.4474	0.0147	4			0
520.43	Chromium, Total (Cr), ICP, Microwave (ppm)	2481	1.375	0.1100	1.195	0.4474	0.0147	4			1
520.52	Chromium, Total (Cr), ICP-MS, Open vessel (ppm)	0186	0.2436	0.0027				1			0
520.53	Chromium, Total (Cr), ICP-MS, Microwave (ppm)	2023	0.5450	0.1100				3			0
520.53	Chromium, Total (Cr), ICP-MS, Microwave (ppm)	0553	0.6450	0.0180				3			0
520.53	Chromium, Total (Cr), ICP-MS, Microwave (ppm)	0407	0.7554	0.0130				3			0
526.41	Lead, ICP, Dry ash (ppm)	2442	0.1815	0.0150				2			0
526.41	Lead, ICP, Dry ash (ppm)	0407	0.4846	0.0356				2			0
526.43	Lead, ICP, Microwave (ppm)	0407	0.8487	0.0188				1			0
526.43	Lead, ICP, Microwave (ppm)	0682	< 0.05					1			5

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			
526.52	Lead, ICP-MS, Open vessel (ppm)	0186	0.3750	0.0040				1			0
526.53	Lead, ICP-MS, Microwave (ppm)	0939	0.4300	0.0600				3			0
526.53	Lead, ICP-MS, Microwave (ppm)	0407	0.4853	0.0000				3			0
526.53	Lead, ICP-MS, Microwave (ppm)	0553	0.7275	0.4710				3			0
529.99	Mercury, Miscellaneous (ppb)	0407	0.3550	0.1368				3			0
529.99	Mercury, Miscellaneous (ppb)	2442	0.9000	0.0000				3			0
529.99	Mercury, Miscellaneous (ppb)	0682	2,730	0.0000				3			0
539.41	Nickel, ICP, Dry ash (ppm)	0407	1.685	0.1432				1			0
539.43	Nickel, ICP, Microwave (ppm)	0407	1.698	0.0786	3.001	1.226	0.1543	4			0
539.43	Nickel, ICP, Microwave (ppm)	0682	2.490	0.0000	3.001	1.226	0.1543	4			0
539.43	Nickel, ICP, Microwave (ppm)	2481	3.235	0.2300	3.001	1.226	0.1543	4			0
539.43	Nickel, ICP, Microwave (ppm)	0226	4.580	0.0000	3.001	1.226	0.1543	4			0
539.52	Nickel, ICP-MS, Open vessel (ppm)	0186	1.610	0.0000				1			0
539.53	Nickel, ICP-MS, Microwave (ppm)	2023	1.565	0.0300				3			0
539.53	Nickel, ICP-MS, Microwave (ppm)	0407	1.906	0.1157				3			0
539.53	Nickel, ICP-MS, Microwave (ppm)	0553	1.950	0.2000				3			0
710.99	Lauric Acid (12:0), Miscellaneous (%) (w/w)	0226	0.0053	0.0004				1			0
714.99	Myristic Acid (14:0), Miscellaneous (%) (w/w)	0226	0.0435	0.0004				1			0
716.99	Palmitic Acid (16:0), Miscellaneous (%) (w/w)	0226	1.705	0.0073				1			0
718.99	Palmitoleic Acid (9c-16:1), Miscellaneous (%) (w/w)	0226	0.2732	0.0031				1			0
722.99	Stearic Acid (18:0), Miscellaneous (%) (w/w)	0226	0.4762	0.0145				1			0
724.99	Oleic Acid (9c-18:1), Miscellaneous (%) (w/w)	0226	2.622	0.0206				1			0
726.99	Linoleic Acid (9c,12c-18:2), Miscellaneous (%) (w/w)	0226	2.601	0.0202				1			0
728.99	alpha-Linolenic Acid (9c,12c,15c-18:3), Miscellaneous (%) (w/w)	0226	0.1546	0.0057				1			0
730.99	Arachidic Acid (20:0), Miscellaneous (%) (w/w)	0226	0.0163	0.0001				1			0
732.99	Gondoic Acid (11c-20:1), Miscellaneous (%) (w/w)	0226	0.0345	0.0009				1			0
740.99	Eicosapentaenoic Acid EPA (5c,8c,11c,14c,17c)	0226	< 0.005					0			5
742.99	Behenic Acid (22:0), Miscellaneous (%) (w/w)	0226	0.0110	0.0001				1			0
744.99	Erucic Acid (13c-22:1), Miscellaneous (%) (w/w)	0226	< 0.005					0			5
746.99	Docosapentaenoic Acid n-3 DPA (7c,10c,13c,16c,19c)	0226	< 0.005					0			5
748.99	Lignoceric Acid (24:0), Miscellaneous (%) (w/w)	0226	0.0111	0.0002				1			0
750.99	Docosahexaenoic Acid DHA (4c,7c,10c,13c,16c,19c,22c)	0226	< 0.005					0			5
752.99	Nervonic Acid (24:1) isomers, Miscellaneous (%) (w/w)	0226	< 0.005					0			5
754.99	Total n-3 Polyunsaturated (Omega-3) Fatty Acids	0870	0.1624	0.0005				1			0
756.99	Total n-6 Polyunsaturated (Omega-6) Fatty Acids	0870	0.0592	0.0005				1			0
758.99	Total Saturated Fatty Acids, Miscellaneous (%) (w/w)	0870	2.572	0.0058				1			0
764.99	Total cis Monounsaturated Fatty Acids, Miscellaneous (%) (w/w)	0870	3.776	0.0162				1			0
768.99	Total cis Polyunsaturated Fatty Acids, Miscellaneous (%) (w/w)	0870	2.831	0.0239				1			0
772.99	Total Fatty Acids, Miscellaneous (%) (w/w)	0226	7.955	0.0100				1			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

Test Material Code # 202526			Method Proficiency Testing Report							Issue Date : 07/31/2025		
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				
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.												