



**AAFCO**  
Proficiency Testing Program



**Animal Feed Scheme**

**Soy Bean Meal**

**Test Material Code # 202129**

**# Labs Reporting: 165**

**# Methods Reported 341**

**Issue Date : 10/31/2021**

**Method Proficiency Testing Report**

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
000.02	Urea, As protein, Colorimetric (%)	0278	0.2000	0.0000				1			0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0504	10.62	0.0000	11.14	0.4671	0.0618	6	-1.11	2%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0027	10.87	0.0790	11.14	0.4671	0.0618	6	-0.58	1%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0169	11.00	0.0200	11.14	0.4671	0.0618	6	-0.29	1%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0309	11.17	0.0600	11.14	0.4671	0.0618	6	0.07	0%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	2073	11.37	0.1800	11.14	0.4671	0.0618	6	0.50	1%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0183	11.80	0.0320	11.14	0.4671	0.0618	6	1.41	3%	0
001.03	Loss on Drying, Low temp. methods (%)	0843	11.54	0.1600				1			0
001.05	Loss on Drying, LECO (%)	0644	11.15	0.0250				1			0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0019	9.650	0.3000	11.12	0.3387	0.1022	45	-4.34	7%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2259	10.49	0.0620	11.12	0.3387	0.1022	45	-1.87	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0028	10.59	0.3300	11.12	0.3387	0.1022	45	-1.58	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0353	10.61	0.0400	11.12	0.3387	0.1022	45	-1.51	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0010	10.65	0.1000	11.12	0.3387	0.1022	45	-1.39	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0142	10.68	0.1700	11.12	0.3387	0.1022	45	-1.32	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0034	10.72	0.0600	11.12	0.3387	0.1022	45	-1.18	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0083	10.81	0.0400	11.12	0.3387	0.1022	45	-0.92	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0226	10.86	0.0200	11.12	0.3387	0.1022	45	-0.77	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0027	10.87	0.1250	11.12	0.3387	0.1022	45	-0.75	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0171	10.91	0.0700	11.12	0.3387	0.1022	45	-0.64	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0278	10.94	0.0100	11.12	0.3387	0.1022	45	-0.55	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0345	10.95	0.1000	11.12	0.3387	0.1022	45	-0.50	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0366	10.95	0.1000	11.12	0.3387	0.1022	45	-0.50	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0683	10.96	0.0100	11.12	0.3387	0.1022	45	-0.49	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0066	10.97	0.0900	11.12	0.3387	0.1022	45	-0.46	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2022	11.03	0.0000	11.12	0.3387	0.1022	45	-0.27	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0505	11.05	0.0300	11.12	0.3387	0.1022	45	-0.22	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0407	11.06	0.0477	11.12	0.3387	0.1022	45	-0.17	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0045	11.08	0.7800	11.12	0.3387	0.1022	45	-0.12	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0074	11.09	0.0900	11.12	0.3387	0.1022	45	-0.11	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2190	11.14	0.0100	11.12	0.3387	0.1022	45	0.04	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0590	11.14	0.0200	11.12	0.3387	0.1022	45	0.06	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0581	11.15	0.1000	11.12	0.3387	0.1022	45	0.09	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0596	11.20	0.0300	11.12	0.3387	0.1022	45	0.22	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2009	11.20	0.0101	11.12	0.3387	0.1022	45	0.23	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0049	11.22	0.1700	11.12	0.3387	0.1022	45	0.28	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0003	11.23	0.1100	11.12	0.3387	0.1022	45	0.31	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0148	11.24	0.1000	11.12	0.3387	0.1022	45	0.35	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0571	11.24	0.0200	11.12	0.3387	0.1022	45	0.35	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2192	11.24	0.0400	11.12	0.3387	0.1022	45	0.35	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0638	11.30	0.0000	11.12	0.3387	0.1022	45	0.53	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0876	11.30	0.0000	11.12	0.3387	0.1022	45	0.53	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0675	11.31	0.0600	11.12	0.3387	0.1022	45	0.56	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0650	11.35	0.1000	11.12	0.3387	0.1022	45	0.68	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0098	11.44	0.2900	11.12	0.3387	0.1022	45	0.93	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0033	11.45	0.1800	11.12	0.3387	0.1022	45	0.97	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0035	11.45	0.0400	11.12	0.3387	0.1022	45	0.97	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2059	11.46	0.0200	11.12	0.3387	0.1022	45	1.00	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0689	11.50	0.0000	11.12	0.3387	0.1022	45	1.12	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0843	11.54	0.1600	11.12	0.3387	0.1022	45	1.24	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0643	11.55	0.0200	11.12	0.3387	0.1022	45	1.27	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0693	11.56	0.4620	11.12	0.3387	0.1022	45	1.30	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0682	12.01	0.0000	11.12	0.3387	0.1022	45	2.63	4%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0297	12.13	0.0800	11.12	0.3387	0.1022	45	2.98	5%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0853	12.05	1.500	11.12	0.3387	0.1022	45	2.74	4%	1
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2345	88.79	0.4200	11.12	0.3387	0.1022	45	229.33	349%	2
001.99	Loss on Drying, Miscellaneous (%)	0618	8.955	0.0100	11.15	0.5698	0.1686	17	-3.86	10%	0
001.99	Loss on Drying, Miscellaneous (%)	0612	9.945	0.7700	11.15	0.5698	0.1686	17	-2.12	5%	0
001.99	Loss on Drying, Miscellaneous (%)	0676	10.43	0.1200	11.15	0.5698	0.1686	17	-1.27	3%	0
001.99	Loss on Drying, Miscellaneous (%)	0510	10.70	0.0000	11.15	0.5698	0.1686	17	-0.80	2%	0
001.99	Loss on Drying, Miscellaneous (%)	2319	10.85	0.1000	11.15	0.5698	0.1686	17	-0.53	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0042	10.98	0.2400	11.15	0.5698	0.1686	17	-0.31	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0037	11.06	0.1000	11.15	0.5698	0.1686	17	-0.16	0%	0
001.99	Loss on Drying, Miscellaneous (%)	0186	11.23	0.0800	11.15	0.5698	0.1686	17	0.13	0%	0
001.99	Loss on Drying, Miscellaneous (%)	0019	11.28	0.0800	11.15	0.5698	0.1686	17	0.22	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0910	11.30	0.2000	11.15	0.5698	0.1686	17	0.26	1%	0
001.99	Loss on Drying, Miscellaneous (%)	2246	11.32	0.0800	11.15	0.5698	0.1686	17	0.29	1%	0
001.99	Loss on Drying, Miscellaneous (%)	2268	11.35	0.0000	11.15	0.5698	0.1686	17	0.34	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0918	11.49	0.0300	11.15	0.5698	0.1686	17	0.58	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0590	11.62	0.2100	11.15	0.5698	0.1686	17	0.81	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0357	11.73	0.0358	11.15	0.5698	0.1686	17	1.01	3%	0
001.99	Loss on Drying, Miscellaneous (%)	0852	11.80	0.8000	11.15	0.5698	0.1686	17	1.13	3%	0
001.99	Loss on Drying, Miscellaneous (%)	0536	11.89	0.0100	11.15	0.5698	0.1686	17	1.28	3%	0
002.00	Protein, Crude, Crude (%)	2345	47.50	0.2000				2			0
002.00	Protein, Crude, Crude (%)	0169	47.92	1.500				2			0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
002.01	Protein, Crude, Auto Kjell-Foss (%)	2259	46.38	0.1200	46.94	0.3885	0.1387	13	-1.44	1%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	2322	46.53	0.0800	46.94	0.3885	0.1387	13	-1.05	0%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	0674	46.60	0.0000	46.94	0.3885	0.1387	13	-0.87	0%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	0968	46.66	0.0300	46.94	0.3885	0.1387	13	-0.73	0%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	2193	46.66	0.2800	46.94	0.3885	0.1387	13	-0.72	0%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	0652	46.95	0.1000	46.94	0.3885	0.1387	13	0.03	0%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	2188	47.03	0.0700	46.94	0.3885	0.1387	13	0.22	0%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	0870	47.08	0.4330	46.94	0.3885	0.1387	13	0.35	0%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	0164	47.16	0.3100	46.94	0.3885	0.1387	13	0.56	0%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	0653	47.16	0.0800	46.94	0.3885	0.1387	13	0.57	0%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	2329	47.18	0.1000	46.94	0.3885	0.1387	13	0.62	0%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	0860	47.31	0.0000	46.94	0.3885	0.1387	13	0.95	0%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	0685	49.95	0.2000	46.94	0.3885	0.1387	13	7.75	3%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	0910	46.55	0.9000	46.94	0.3885	0.1387	13	-1.00	0%	1
002.02	Protein, Crude, Semiauto Autoanalyzer (%)	0066	47.39	0.1800				1			0
002.04	Protein, Crude, Copper Catalyst (%)	0504	47.00	0.0700				3			0
002.04	Protein, Crude, Copper Catalyst (%)	0638	47.00	0.0000				3			0
002.04	Protein, Crude, Copper Catalyst (%)	2058	47.29	0.1100				3			0
002.05	Protein, Crude, Copper, Boric Acid (%)	2073	43.45	0.1400	46.54	0.7195	0.2321	23	-4.29	3%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0581	44.85	0.1000	46.54	0.7195	0.2321	23	-2.34	2%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0536	45.15	0.0300	46.54	0.7195	0.2321	23	-1.93	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0852	45.25	0.3000	46.54	0.7195	0.2321	23	-1.79	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2200	45.90	0.2000	46.54	0.7195	0.2321	23	-0.88	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2246	46.19	0.1200	46.54	0.7195	0.2321	23	-0.48	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0689	46.25	0.5000	46.54	0.7195	0.2321	23	-0.40	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2199	46.45	0.7000	46.54	0.7195	0.2321	23	-0.12	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0596	46.51	0.3000	46.54	0.7195	0.2321	23	-0.04	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2006	46.57	0.4500	46.54	0.7195	0.2321	23	0.04	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2097	46.58	0.4526	46.54	0.7195	0.2321	23	0.06	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2009	46.59	0.0576	46.54	0.7195	0.2321	23	0.08	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0683	46.71	0.2100	46.54	0.7195	0.2321	23	0.24	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2022	46.71	0.0300	46.54	0.7195	0.2321	23	0.24	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2181	46.81	0.1900	46.54	0.7195	0.2321	23	0.37	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2337	46.82	0.0700	46.54	0.7195	0.2321	23	0.39	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0948	46.96	0.0000	46.54	0.7195	0.2321	23	0.59	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0939	47.02	0.3400	46.54	0.7195	0.2321	23	0.67	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0941	47.10	0.3500	46.54	0.7195	0.2321	23	0.78	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0354	47.14	0.0000	46.54	0.7195	0.2321	23	0.84	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0651	47.30	0.2473	46.54	0.7195	0.2321	23	1.07	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2192	47.42	0.5300	46.54	0.7195	0.2321	23	1.22	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2190	47.49	0.0200	46.54	0.7195	0.2321	23	1.33	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0618	7.611	0.0290	47.58	0.3736	0.3867	109	-106.99	42%	0

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002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0028	46.50	0.4600	47.58	0.3736	0.3867	109	-2.90	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0650	46.60	0.2000	47.58	0.3736	0.3867	109	-2.63	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0964	46.68	0.3330	47.58	0.3736	0.3867	109	-2.41	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0345	47.00	0.2000	47.58	0.3736	0.3867	109	-1.56	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0723	47.01	0.1400	47.58	0.3736	0.3867	109	-1.53	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2303	47.01	0.1600	47.58	0.3736	0.3867	109	-1.53	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2184	47.09	0.0700	47.58	0.3736	0.3867	109	-1.33	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0859	47.09	0.0790	47.58	0.3736	0.3867	109	-1.32	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0870	47.09	0.1257	47.58	0.3736	0.3867	109	-1.31	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0953	47.10	1.100	47.58	0.3736	0.3867	109	-1.29	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0042	47.10	0.2000	47.58	0.3736	0.3867	109	-1.29	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0511	47.13	1.020	47.58	0.3736	0.3867	109	-1.21	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2268	47.16	1.520	47.58	0.3736	0.3867	109	-1.13	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0505	47.19	0.1500	47.58	0.3736	0.3867	109	-1.06	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0027	47.19	0.7330	47.58	0.3736	0.3867	109	-1.04	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0520	47.20	0.7300	47.58	0.3736	0.3867	109	-1.04	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2168	47.20	0.0100	47.58	0.3736	0.3867	109	-1.04	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0045	47.20	0.4000	47.58	0.3736	0.3867	109	-1.02	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0035	47.22	0.1000	47.58	0.3736	0.3867	109	-0.97	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2174	47.25	0.0300	47.58	0.3736	0.3867	109	-0.90	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2302	47.25	0.1200	47.58	0.3736	0.3867	109	-0.89	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0098	47.30	0.8000	47.58	0.3736	0.3867	109	-0.75	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0148	47.30	0.0800	47.58	0.3736	0.3867	109	-0.75	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0956	47.30	0.4000	47.58	0.3736	0.3867	109	-0.75	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0019	47.37	0.0500	47.58	0.3736	0.3867	109	-0.58	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0100	47.37	0.1900	47.58	0.3736	0.3867	109	-0.58	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0693	47.38	0.3750	47.58	0.3736	0.3867	109	-0.55	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0918	47.39	0.0000	47.58	0.3736	0.3867	109	-0.51	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0049	47.40	0.6100	47.58	0.3736	0.3867	109	-0.50	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0425	47.41	0.4300	47.58	0.3736	0.3867	109	-0.47	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0626	47.41	0.1230	47.58	0.3736	0.3867	109	-0.47	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0006	47.41	0.0200	47.58	0.3736	0.3867	109	-0.46	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0407	47.42	0.6500	47.58	0.3736	0.3867	109	-0.44	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0297	47.43	0.2300	47.58	0.3736	0.3867	109	-0.42	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0687	47.43	0.1500	47.58	0.3736	0.3867	109	-0.42	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0171	47.45	0.0300	47.58	0.3736	0.3867	109	-0.37	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0047	47.45	0.5000	47.58	0.3736	0.3867	109	-0.35	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0354	47.45	0.0600	47.58	0.3736	0.3867	109	-0.35	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0596	47.46	0.0900	47.58	0.3736	0.3867	109	-0.34	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0164	47.47	0.0600	47.58	0.3736	0.3867	109	-0.30	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0598	47.47	0.0200	47.58	0.3736	0.3867	109	-0.30	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0682	47.47	0.0000	47.58	0.3736	0.3867	109	-0.30	0%	0



Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0848	47.48	0.2500	47.58	0.3736	0.3867	109	-0.29	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0539	47.49	0.1300	47.58	0.3736	0.3867	109	-0.26	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0914	47.49	0.0100	47.58	0.3736	0.3867	109	-0.26	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0644	47.50	0.2150	47.58	0.3736	0.3867	109	-0.23	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0010	47.50	0.4000	47.58	0.3736	0.3867	109	-0.22	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0510	47.50	0.0000	47.58	0.3736	0.3867	109	-0.22	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0884	47.50	0.2000	47.58	0.3736	0.3867	109	-0.22	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0948	47.52	0.0400	47.58	0.3736	0.3867	109	-0.17	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2326	47.53	0.5600	47.58	0.3736	0.3867	109	-0.14	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0357	47.53	0.0625	47.58	0.3736	0.3867	109	-0.14	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0144	47.54	0.0500	47.58	0.3736	0.3867	109	-0.13	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0553	47.55	0.1700	47.58	0.3736	0.3867	109	-0.10	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0646	47.58	0.0000	47.58	0.3736	0.3867	109	-0.01	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0183	47.60	0.2700	47.58	0.3736	0.3867	109	0.04	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0242	47.60	0.0100	47.58	0.3736	0.3867	109	0.04	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0142	47.60	0.0600	47.58	0.3736	0.3867	109	0.05	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0208	47.60	0.2000	47.58	0.3736	0.3867	109	0.05	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0309	47.61	0.1240	47.58	0.3736	0.3867	109	0.08	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0546	47.62	0.1100	47.58	0.3736	0.3867	109	0.09	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0353	47.62	0.0800	47.58	0.3736	0.3867	109	0.10	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0574	47.62	0.1800	47.58	0.3736	0.3867	109	0.10	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0123	47.67	0.0300	47.58	0.3736	0.3867	109	0.22	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0504	47.68	0.3500	47.58	0.3736	0.3867	109	0.25	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0590	47.68	0.3300	47.58	0.3736	0.3867	109	0.25	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0226	47.69	0.3800	47.58	0.3736	0.3867	109	0.29	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0033	47.70	0.2000	47.58	0.3736	0.3867	109	0.32	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0366	47.70	0.0000	47.58	0.3736	0.3867	109	0.32	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0910	47.70	0.2000	47.58	0.3736	0.3867	109	0.32	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0541	47.73	0.4400	47.58	0.3736	0.3867	109	0.40	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0004	47.74	0.7500	47.58	0.3736	0.3867	109	0.41	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0009	47.75	0.0200	47.58	0.3736	0.3867	109	0.45	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0263	47.75	0.1060	47.58	0.3736	0.3867	109	0.45	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0968	47.77	0.1800	47.58	0.3736	0.3867	109	0.50	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0014	47.80	0.2000	47.58	0.3736	0.3867	109	0.58	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0876	47.80	0.2000	47.58	0.3736	0.3867	109	0.58	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0675	47.81	0.0500	47.58	0.3736	0.3867	109	0.60	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0036	47.81	0.0520	47.58	0.3736	0.3867	109	0.60	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0034	47.81	0.4270	47.58	0.3736	0.3867	109	0.60	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0529	47.82	0.1200	47.58	0.3736	0.3867	109	0.64	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0083	47.83	0.0060	47.58	0.3736	0.3867	109	0.65	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0726	47.84	0.0800	47.58	0.3736	0.3867	109	0.69	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0300	47.85	0.7000	47.58	0.3736	0.3867	109	0.72	0%	0

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002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0037	47.86	0.5400	47.58	0.3736	0.3867	109	0.74	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0843	47.86	0.2000	47.58	0.3736	0.3867	109	0.74	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0508	47.86	0.1150	47.58	0.3736	0.3867	109	0.75	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0108	47.89	0.0100	47.58	0.3736	0.3867	109	0.81	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0003	47.90	0.1200	47.58	0.3736	0.3867	109	0.85	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0278	47.90	0.6000	47.58	0.3736	0.3867	109	0.85	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0941	47.93	0.1700	47.58	0.3736	0.3867	109	0.92	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0229	47.94	0.0200	47.58	0.3736	0.3867	109	0.96	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0265	47.95	0.3000	47.58	0.3736	0.3867	109	0.99	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2319	47.95	0.1000	47.58	0.3736	0.3867	109	0.99	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0062	48.06	0.4100	47.58	0.3736	0.3867	109	1.27	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0571	48.12	0.1400	47.58	0.3736	0.3867	109	1.44	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0190	48.19	0.0500	47.58	0.3736	0.3867	109	1.61	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0676	48.19	0.2500	47.58	0.3736	0.3867	109	1.61	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2089	48.27	0.0300	47.58	0.3736	0.3867	109	1.83	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2129	48.27	0.3010	47.58	0.3736	0.3867	109	1.83	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2150	48.30	0.0800	47.58	0.3736	0.3867	109	1.92	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2076	48.34	1.214	47.58	0.3736	0.3867	109	2.04	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0853	48.40	0.4000	47.58	0.3736	0.3867	109	2.19	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2059	48.50	0.1500	47.58	0.3736	0.3867	109	2.45	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2213	48.53	0.1200	47.58	0.3736	0.3867	109	2.54	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0011	48.74	0.1700	47.58	0.3736	0.3867	109	3.09	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0692	48.97	0.1900	47.58	0.3736	0.3867	109	3.70	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0612	57.63	15.75	47.58	0.3736	0.3867	109	26.88	11%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0202	261.7	428.7	47.58	0.3736	0.3867	109	573.01	225%	2
002.08	Protein, Crude, Cu/Ti (%)	0098	46.06	0.2000				2			0
002.08	Protein, Crude, Cu/Ti (%)	0563	46.58	0.1695				2			0
002.11	Protein, Crude, NIR (%)	0553	44.05	0.1500	48.09	1.518	0.1014	7	-2.67	4%	0
002.11	Protein, Crude, NIR (%)	0536	47.42	0.1200	48.09	1.518	0.1014	7	-0.44	1%	0
002.11	Protein, Crude, NIR (%)	2290	48.02	0.0100	48.09	1.518	0.1014	7	-0.05	0%	0
002.11	Protein, Crude, NIR (%)	0011	48.14	0.0800	48.09	1.518	0.1014	7	0.03	0%	0
002.11	Protein, Crude, NIR (%)	0590	48.16	0.2000	48.09	1.518	0.1014	7	0.05	0%	0
002.11	Protein, Crude, NIR (%)	2105	48.72	0.1400	48.09	1.518	0.1014	7	0.41	1%	0
002.11	Protein, Crude, NIR (%)	0297	50.85	0.0100	48.09	1.518	0.1014	7	1.81	3%	0
002.11	Protein, Crude, NIR (%)	0852	48.86	0.6600	48.09	1.518	0.1014	7	0.51	1%	1
002.99	Protein, Crude, Miscellaneous (%)	0875	47.41	0.1500				1			0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0345	0.9000	0.1000	1.125	0.2417	0.0425	8	-0.93	10%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0011	0.9150	0.0900	1.125	0.2417	0.0425	8	-0.87	9%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2337	1.025	0.0100	1.125	0.2417	0.0425	8	-0.41	4%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0653	1.055	0.0100	1.125	0.2417	0.0425	8	-0.29	3%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2190	1.085	0.0100	1.125	0.2417	0.0425	8	-0.16	2%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2192	1.130	0.1200	1.125	0.2417	0.0425	8	0.02	0%	0

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003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0309	1.400	0.0000	1.125	0.2417	0.0425	8	1.14	12%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2329	1.750	0.0000	1.125	0.2417	0.0425	8	2.59	28%	0
003.01	Fat, Crude, Diethyl Ether Ext (13th ed.), Indirect (%)	0504	0.5900	0.0400				3			0
003.01	Fat, Crude, Diethyl Ether Ext (13th ed.), Indirect (%)	0164	1.140	0.0400				3			0
003.01	Fat, Crude, Diethyl Ether Ext (13th ed.), Indirect (%)	0563	1.196	0.0097				3			0
003.06	Fat, Crude, Pet Ether (%)	0674	0.8300	0.0000	1.091	0.0910	0.0736	14	-2.86	12%	0
003.06	Fat, Crude, Pet Ether (%)	0229	0.9700	0.3600	1.091	0.0910	0.0736	14	-1.32	6%	0
003.06	Fat, Crude, Pet Ether (%)	0297	1.000	0.0600	1.091	0.0910	0.0736	14	-0.99	4%	0
003.06	Fat, Crude, Pet Ether (%)	0651	1.036	0.1519	1.091	0.0910	0.0736	14	-0.60	2%	0
003.06	Fat, Crude, Pet Ether (%)	2181	1.055	0.0500	1.091	0.0910	0.0736	14	-0.39	2%	0
003.06	Fat, Crude, Pet Ether (%)	0918	1.075	0.0100	1.091	0.0910	0.0736	14	-0.17	1%	0
003.06	Fat, Crude, Pet Ether (%)	0689	1.100	0.0000	1.091	0.0910	0.0736	14	0.10	0%	0
003.06	Fat, Crude, Pet Ether (%)	2097	1.101	0.0479	1.091	0.0910	0.0736	14	0.11	0%	0
003.06	Fat, Crude, Pet Ether (%)	0682	1.120	0.0000	1.091	0.0910	0.0736	14	0.32	1%	0
003.06	Fat, Crude, Pet Ether (%)	0687	1.150	0.1000	1.091	0.0910	0.0736	14	0.65	3%	0
003.06	Fat, Crude, Pet Ether (%)	0884	1.150	0.1000	1.091	0.0910	0.0736	14	0.65	3%	0
003.06	Fat, Crude, Pet Ether (%)	0644	1.152	0.0610	1.091	0.0910	0.0736	14	0.67	3%	0
003.06	Fat, Crude, Pet Ether (%)	0425	1.180	0.0400	1.091	0.0910	0.0736	14	0.98	4%	0
003.06	Fat, Crude, Pet Ether (%)	0169	1.225	0.0500	1.091	0.0910	0.0736	14	1.48	6%	0
003.06	Fat, Crude, Pet Ether (%)	0910	2.475	0.6100	1.091	0.0910	0.0736	14	15.21	63%	1
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0948	0.6950	0.0900	0.9577	0.1909	0.0411	9	-1.38	14%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0675	0.7950	0.0100	0.9577	0.1909	0.0411	9	-0.85	8%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0004	0.8900	0.0200	0.9577	0.1909	0.0411	9	-0.35	4%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0638	0.9000	0.0000	0.9577	0.1909	0.0411	9	-0.30	3%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0098	0.9150	0.0300	0.9577	0.1909	0.0411	9	-0.22	2%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0354	0.9900	0.0000	0.9577	0.1909	0.0411	9	0.17	2%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0590	1.075	0.1100	0.9577	0.1909	0.0411	9	0.61	6%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0353	1.115	0.0500	0.9577	0.1909	0.0411	9	0.82	8%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0685	1.270	0.0600	0.9577	0.1909	0.0411	9	1.64	16%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0242	0.6000	0.0400	0.9741	0.2719	0.0723	23	-1.38	19%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0042	0.6000	0.1200	0.9741	0.2719	0.0723	23	-1.38	19%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0263	0.6415	0.0330	0.9741	0.2719	0.0723	23	-1.22	17%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0098	0.7150	0.1500	0.9741	0.2719	0.0723	23	-0.95	13%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2073	0.7200	0.0600	0.9741	0.2719	0.0723	23	-0.93	13%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0036	0.7621	0.0107	0.9741	0.2719	0.0723	23	-0.78	11%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0693	0.7685	0.0170	0.9741	0.2719	0.0723	23	-0.76	11%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2022	0.8250	0.0100	0.9741	0.2719	0.0723	23	-0.55	8%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0100	0.9200	0.1800	0.9741	0.2719	0.0723	23	-0.20	3%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0870	0.9290	0.0534	0.9741	0.2719	0.0723	23	-0.17	2%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0676	1.020	0.2000	0.9741	0.2719	0.0723	23	0.17	2%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2193	1.020	0.0400	0.9741	0.2719	0.0723	23	0.17	2%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0045	1.025	0.0100	0.9741	0.2719	0.0723	23	0.19	3%	0

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003.10	Fat, Crude, Randall, Pet Ether (%)	0541	1.025	0.0500	0.9741	0.2719	0.0723	23	0.19	3%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2009	1.044	0.0093	0.9741	0.2719	0.0723	23	0.26	4%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0148	1.055	0.0700	0.9741	0.2719	0.0723	23	0.30	4%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0366	1.100	0.2000	0.9741	0.2719	0.0723	23	0.46	6%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0689	1.100	0.0000	0.9741	0.2719	0.0723	23	0.46	6%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2184	1.220	0.0200	0.9741	0.2719	0.0723	23	0.90	13%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2319	1.250	0.1000	0.9741	0.2719	0.0723	23	1.01	14%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0618	1.300	0.0101	0.9741	0.2719	0.0723	23	1.20	17%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2089	1.430	0.2800	0.9741	0.2719	0.0723	23	1.68	23%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2188	1.630	0.0000	0.9741	0.2719	0.0723	23	2.41	34%	0
003.11	Fat, Crude, NIR (%)	0011	0.8400	0.0200	1.236	0.4053	0.0717	6	-0.98	16%	0
003.11	Fat, Crude, NIR (%)	2105	0.9050	0.1100	1.236	0.4053	0.0717	6	-0.82	13%	0
003.11	Fat, Crude, NIR (%)	0590	1.110	0.0600	1.236	0.4053	0.0717	6	-0.31	5%	0
003.11	Fat, Crude, NIR (%)	0297	1.250	0.1800	1.236	0.4053	0.0717	6	0.03	1%	0
003.11	Fat, Crude, NIR (%)	0553	1.605	0.0300	1.236	0.4053	0.0717	6	0.91	15%	0
003.11	Fat, Crude, NIR (%)	0852	1.705	0.0300	1.236	0.4053	0.0717	6	1.16	19%	0
003.12	Fat, Crude, Hexane Ext (%)	0171	0.7500	0.1200				3			0
003.12	Fat, Crude, Hexane Ext (%)	2326	1.340	0.2000				3			0
003.12	Fat, Crude, Hexane Ext (%)	2199	1.490	0.0400				3			0
003.12	Fat, Crude, Hexane Ext (%)	2200	2.850	0.9000				3			1
003.13	Fat, Crude, Randall, Hexane Ext. (%)	0033	0.7950	0.0300	1.082	0.2511	0.0753	7	-1.14	13%	0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	0098	0.8550	0.0500	1.082	0.2511	0.0753	7	-0.91	11%	0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	0208	0.9365	0.1870	1.082	0.2511	0.0753	7	-0.58	7%	0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	2246	1.155	0.0100	1.082	0.2511	0.0753	7	0.29	3%	0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	0123	1.185	0.0100	1.082	0.2511	0.0753	7	0.41	5%	0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	0646	1.275	0.0500	1.082	0.2511	0.0753	7	0.77	9%	0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	2006	1.375	0.1900	1.082	0.2511	0.0753	7	1.17	14%	0
003.14	Fat, Crude, Ankom (%)	0144	0.6100	0.1200	0.8990	0.1928	0.1135	44	-1.50	16%	0
003.14	Fat, Crude, Ankom (%)	0574	0.6200	0.0600	0.8990	0.1928	0.1135	44	-1.45	16%	0
003.14	Fat, Crude, Ankom (%)	0968	0.6200	0.2400	0.8990	0.1928	0.1135	44	-1.45	16%	0
003.14	Fat, Crude, Ankom (%)	0300	0.6250	0.0100	0.8990	0.1928	0.1135	44	-1.42	15%	0
003.14	Fat, Crude, Ankom (%)	0037	0.6300	0.5600	0.8990	0.1928	0.1135	44	-1.40	15%	0
003.14	Fat, Crude, Ankom (%)	0108	0.6950	0.2900	0.8990	0.1928	0.1135	44	-1.06	11%	0
003.14	Fat, Crude, Ankom (%)	0505	0.7400	0.2400	0.8990	0.1928	0.1135	44	-0.83	9%	0
003.14	Fat, Crude, Ankom (%)	0034	0.7650	0.0100	0.8990	0.1928	0.1135	44	-0.70	7%	0
003.14	Fat, Crude, Ankom (%)	0726	0.7750	0.0300	0.8990	0.1928	0.1135	44	-0.64	7%	0
003.14	Fat, Crude, Ankom (%)	0675	0.7950	0.0100	0.8990	0.1928	0.1135	44	-0.54	6%	0
003.14	Fat, Crude, Ankom (%)	0183	0.7955	0.3190	0.8990	0.1928	0.1135	44	-0.54	6%	0
003.14	Fat, Crude, Ankom (%)	0278	0.8000	0.2000	0.8990	0.1928	0.1135	44	-0.51	6%	0
003.14	Fat, Crude, Ankom (%)	0529	0.8100	0.1400	0.8990	0.1928	0.1135	44	-0.46	5%	0
003.14	Fat, Crude, Ankom (%)	2076	0.8270	0.1301	0.8990	0.1928	0.1135	44	-0.37	4%	0
003.14	Fat, Crude, Ankom (%)	0848	0.8350	0.0300	0.8990	0.1928	0.1135	44	-0.33	4%	0



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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
003.14	Fat, Crude, Ankom (%)	0074	0.8400	0.0800	0.8990	0.1928	0.1135	44	-0.31	3%	0
003.14	Fat, Crude, Ankom (%)	0598	0.8450	0.0300	0.8990	0.1928	0.1135	44	-0.28	3%	0
003.14	Fat, Crude, Ankom (%)	0229	0.8500	0.2400	0.8990	0.1928	0.1135	44	-0.25	3%	0
003.14	Fat, Crude, Ankom (%)	0581	0.8500	0.1000	0.8990	0.1928	0.1135	44	-0.25	3%	0
003.14	Fat, Crude, Ankom (%)	0876	0.8500	0.1000	0.8990	0.1928	0.1135	44	-0.25	3%	0
003.14	Fat, Crude, Ankom (%)	0956	0.8500	0.1000	0.8990	0.1928	0.1135	44	-0.25	3%	0
003.14	Fat, Crude, Ankom (%)	0510	0.8650	0.0100	0.8990	0.1928	0.1135	44	-0.18	2%	0
003.14	Fat, Crude, Ankom (%)	0226	0.8850	0.0900	0.8990	0.1928	0.1135	44	-0.07	1%	0
003.14	Fat, Crude, Ankom (%)	0265	0.8900	0.0200	0.8990	0.1928	0.1135	44	-0.05	1%	0
003.14	Fat, Crude, Ankom (%)	0004	0.8950	0.0100	0.8990	0.1928	0.1135	44	-0.02	0%	0
003.14	Fat, Crude, Ankom (%)	0357	0.9000	0.0200	0.8990	0.1928	0.1135	44	0.01	0%	0
003.14	Fat, Crude, Ankom (%)	0948	0.9000	0.0200	0.8990	0.1928	0.1135	44	0.01	0%	0
003.14	Fat, Crude, Ankom (%)	0202	0.9050	0.1900	0.8990	0.1928	0.1135	44	0.03	0%	0
003.14	Fat, Crude, Ankom (%)	0009	0.9100	0.0600	0.8990	0.1928	0.1135	44	0.06	1%	0
003.14	Fat, Crude, Ankom (%)	0019	0.9100	0.0200	0.8990	0.1928	0.1135	44	0.06	1%	0
003.14	Fat, Crude, Ankom (%)	0083	0.9350	0.0300	0.8990	0.1928	0.1135	44	0.19	2%	0
003.14	Fat, Crude, Ankom (%)	0407	1.001	0.1336	0.8990	0.1928	0.1135	44	0.53	6%	0
003.14	Fat, Crude, Ankom (%)	0148	1.015	0.0500	0.8990	0.1928	0.1135	44	0.60	6%	0
003.14	Fat, Crude, Ankom (%)	0860	1.043	0.0000	0.8990	0.1928	0.1135	44	0.75	8%	0
003.14	Fat, Crude, Ankom (%)	2129	1.060	0.0000	0.8990	0.1928	0.1135	44	0.84	9%	0
003.14	Fat, Crude, Ankom (%)	0190	1.075	0.0100	0.8990	0.1928	0.1135	44	0.91	10%	0
003.14	Fat, Crude, Ankom (%)	2302	1.085	0.0900	0.8990	0.1928	0.1135	44	0.96	10%	0
003.14	Fat, Crude, Ankom (%)	0853	1.150	0.1000	0.8990	0.1928	0.1135	44	1.30	14%	0
003.14	Fat, Crude, Ankom (%)	0003	1.165	0.4700	0.8990	0.1928	0.1135	44	1.38	15%	0
003.14	Fat, Crude, Ankom (%)	0066	1.190	0.1630	0.8990	0.1928	0.1135	44	1.51	16%	0
003.14	Fat, Crude, Ankom (%)	0563	1.196	0.0097	0.8990	0.1928	0.1135	44	1.54	17%	0
003.14	Fat, Crude, Ankom (%)	0520	1.355	0.0500	0.8990	0.1928	0.1135	44	2.37	25%	0
003.14	Fat, Crude, Ankom (%)	0682	1.360	0.0000	0.8990	0.1928	0.1135	44	2.39	26%	0
003.14	Fat, Crude, Ankom (%)	0049	1.515	0.4100	0.8990	0.1928	0.1135	44	3.20	34%	0
003.14	Fat, Crude, Ankom (%)	0692	0.9000	0.6000	0.8990	0.1928	0.1135	44	0.01	0%	1
003.14	Fat, Crude, Ankom (%)	0511	0.0250	0.0500	0.8990	0.1928	0.1135	44			4
003.99	Fat, Crude, Miscellaneous (%)	0536	1.270	0.0200				3			0
003.99	Fat, Crude, Miscellaneous (%)	0546	1.875	0.0500				3			0
003.99	Fat, Crude, Miscellaneous (%)	0941	2.050	0.1400				3			0
004.00	Fiber, Crude, Asbestos Free (%)	0169	3.200	0.0000	3.651	0.4938	0.3004	13	-0.91	6%	0
004.00	Fiber, Crude, Asbestos Free (%)	0183	3.201	0.1390	3.651	0.4938	0.3004	13	-0.91	6%	0
004.00	Fiber, Crude, Asbestos Free (%)	0164	3.300	0.0000	3.651	0.4938	0.3004	13	-0.71	5%	0
004.00	Fiber, Crude, Asbestos Free (%)	2076	3.335	0.7790	3.651	0.4938	0.3004	13	-0.64	4%	0
004.00	Fiber, Crude, Asbestos Free (%)	0309	3.341	0.0371	3.651	0.4938	0.3004	13	-0.63	4%	0
004.00	Fiber, Crude, Asbestos Free (%)	0884	3.350	0.5000	3.651	0.4938	0.3004	13	-0.61	4%	0
004.00	Fiber, Crude, Asbestos Free (%)	0504	3.560	0.4400	3.651	0.4938	0.3004	13	-0.18	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	0425	3.650	0.3000	3.651	0.4938	0.3004	13	0.00	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
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004.00	Fiber, Crude, Asbestos Free (%)	0345	3.650	0.1000	3.651	0.4938	0.3004	13	0.00	0%	0
004.00	Fiber, Crude, Asbestos Free (%)	0171	3.885	0.0100	3.651	0.4938	0.3004	13	0.47	3%	0
004.00	Fiber, Crude, Asbestos Free (%)	2326	4.220	0.2400	3.651	0.4938	0.3004	13	1.15	8%	0
004.00	Fiber, Crude, Asbestos Free (%)	0208	4.375	0.8100	3.651	0.4938	0.3004	13	1.47	10%	0
004.00	Fiber, Crude, Asbestos Free (%)	2073	4.745	0.5500	3.651	0.4938	0.3004	13	2.22	15%	0
004.03	Fiber, Crude, Fritted Glass (%)	2246	3.075	0.1100	3.578	0.4833	0.1400	5			0
004.03	Fiber, Crude, Fritted Glass (%)	0353	3.150	0.3000	3.578	0.4833	0.1400	5			0
004.03	Fiber, Crude, Fritted Glass (%)	2058	3.670	0.0200	3.578	0.4833	0.1400	5			0
004.03	Fiber, Crude, Fritted Glass (%)	2089	3.735	0.1900	3.578	0.4833	0.1400	5			0
004.03	Fiber, Crude, Fritted Glass (%)	2192	4.260	0.0800	3.578	0.4833	0.1400	5			0
004.06	Fiber, Crude, Fibertec (%)	2319	2.850	0.1000	3.443	0.3027	0.1205	15	-1.96	9%	0
004.06	Fiber, Crude, Fibertec (%)	0674	3.050	0.0000	3.443	0.3027	0.1205	15	-1.30	6%	0
004.06	Fiber, Crude, Fibertec (%)	0918	3.145	0.1900	3.443	0.3027	0.1205	15	-0.98	4%	0
004.06	Fiber, Crude, Fibertec (%)	0968	3.175	0.0300	3.443	0.3027	0.1205	15	-0.89	4%	0
004.06	Fiber, Crude, Fibertec (%)	2006	3.315	0.1900	3.443	0.3027	0.1205	15	-0.42	2%	0
004.06	Fiber, Crude, Fibertec (%)	2200	3.400	0.0000	3.443	0.3027	0.1205	15	-0.14	1%	0
004.06	Fiber, Crude, Fibertec (%)	2259	3.410	0.0660	3.443	0.3027	0.1205	15	-0.11	0%	0
004.06	Fiber, Crude, Fibertec (%)	0964	3.520	0.1200	3.443	0.3027	0.1205	15	0.25	1%	0
004.06	Fiber, Crude, Fibertec (%)	0948	3.525	0.0100	3.443	0.3027	0.1205	15	0.27	1%	0
004.06	Fiber, Crude, Fibertec (%)	0027	3.538	0.0020	3.443	0.3027	0.1205	15	0.31	1%	0
004.06	Fiber, Crude, Fibertec (%)	0689	3.600	0.4000	3.443	0.3027	0.1205	15	0.52	2%	0
004.06	Fiber, Crude, Fibertec (%)	0098	3.620	0.2800	3.443	0.3027	0.1205	15	0.59	3%	0
004.06	Fiber, Crude, Fibertec (%)	0875	3.665	0.1700	3.443	0.3027	0.1205	15	0.73	3%	0
004.06	Fiber, Crude, Fibertec (%)	0676	3.795	0.2500	3.443	0.3027	0.1205	15	1.16	5%	0
004.06	Fiber, Crude, Fibertec (%)	0638	4.900	0.0000	3.443	0.3027	0.1205	15	4.81	21%	0
004.06	Fiber, Crude, Fibertec (%)	2199	4.050	0.7000	3.443	0.3027	0.1205	15	2.01	9%	1
004.07	Fiber, Crude, ANKOM (%)	0202	2.465	0.4700	3.492	0.3263	0.1158	69	-3.15	15%	0
004.07	Fiber, Crude, ANKOM (%)	0265	2.720	0.1600	3.492	0.3263	0.1158	69	-2.37	11%	0
004.07	Fiber, Crude, ANKOM (%)	0505	2.725	0.0900	3.492	0.3263	0.1158	69	-2.35	11%	0
004.07	Fiber, Crude, ANKOM (%)	0144	2.740	0.2000	3.492	0.3263	0.1158	69	-2.30	11%	0
004.07	Fiber, Crude, ANKOM (%)	0644	2.789	0.0580	3.492	0.3263	0.1158	69	-2.15	10%	0
004.07	Fiber, Crude, ANKOM (%)	2193	2.870	0.0000	3.492	0.3263	0.1158	69	-1.91	9%	0
004.07	Fiber, Crude, ANKOM (%)	0510	3.000	0.4000	3.492	0.3263	0.1158	69	-1.51	7%	0
004.07	Fiber, Crude, ANKOM (%)	0229	3.050	0.1200	3.492	0.3263	0.1158	69	-1.35	6%	0
004.07	Fiber, Crude, ANKOM (%)	0407	3.071	0.2733	3.492	0.3263	0.1158	69	-1.29	6%	0
004.07	Fiber, Crude, ANKOM (%)	0914	3.100	0.2000	3.492	0.3263	0.1158	69	-1.20	6%	0
004.07	Fiber, Crude, ANKOM (%)	0708	3.180	0.0200	3.492	0.3263	0.1158	69	-0.96	4%	0
004.07	Fiber, Crude, ANKOM (%)	2181	3.205	0.1700	3.492	0.3263	0.1158	69	-0.88	4%	0
004.07	Fiber, Crude, ANKOM (%)	2009	3.236	0.0670	3.492	0.3263	0.1158	69	-0.78	4%	0
004.07	Fiber, Crude, ANKOM (%)	0083	3.240	0.0200	3.492	0.3263	0.1158	69	-0.77	4%	0
004.07	Fiber, Crude, ANKOM (%)	0066	3.275	0.1300	3.492	0.3263	0.1158	69	-0.67	3%	0
004.07	Fiber, Crude, ANKOM (%)	0035	3.280	0.0400	3.492	0.3263	0.1158	69	-0.65	3%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
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004.07	Fiber, Crude, ANKOM (%)	0683	3.280	0.0200	3.492	0.3263	0.1158	69	-0.65	3%	0
004.07	Fiber, Crude, ANKOM (%)	0520	3.290	0.0200	3.492	0.3263	0.1158	69	-0.62	3%	0
004.07	Fiber, Crude, ANKOM (%)	2337	3.295	0.0500	3.492	0.3263	0.1158	69	-0.60	3%	0
004.07	Fiber, Crude, ANKOM (%)	0028	3.300	0.0000	3.492	0.3263	0.1158	69	-0.59	3%	0
004.07	Fiber, Crude, ANKOM (%)	0004	3.340	0.4200	3.492	0.3263	0.1158	69	-0.47	2%	0
004.07	Fiber, Crude, ANKOM (%)	0123	3.345	0.0500	3.492	0.3263	0.1158	69	-0.45	2%	0
004.07	Fiber, Crude, ANKOM (%)	0278	3.350	0.1000	3.492	0.3263	0.1158	69	-0.44	2%	0
004.07	Fiber, Crude, ANKOM (%)	0511	3.350	0.3000	3.492	0.3263	0.1158	69	-0.44	2%	0
004.07	Fiber, Crude, ANKOM (%)	0653	3.365	0.0100	3.492	0.3263	0.1158	69	-0.39	2%	0
004.07	Fiber, Crude, ANKOM (%)	0643	3.372	0.0310	3.492	0.3263	0.1158	69	-0.37	2%	0
004.07	Fiber, Crude, ANKOM (%)	0009	3.390	0.1200	3.492	0.3263	0.1158	69	-0.31	1%	0
004.07	Fiber, Crude, ANKOM (%)	0366	3.400	0.2000	3.492	0.3263	0.1158	69	-0.28	1%	0
004.07	Fiber, Crude, ANKOM (%)	0596	3.400	0.1200	3.492	0.3263	0.1158	69	-0.28	1%	0
004.07	Fiber, Crude, ANKOM (%)	0300	3.400	0.1800	3.492	0.3263	0.1158	69	-0.28	1%	0
004.07	Fiber, Crude, ANKOM (%)	0263	3.469	0.0020	3.492	0.3263	0.1158	69	-0.07	0%	0
004.07	Fiber, Crude, ANKOM (%)	0860	3.480	0.0000	3.492	0.3263	0.1158	69	-0.04	0%	0
004.07	Fiber, Crude, ANKOM (%)	0948	3.495	0.1900	3.492	0.3263	0.1158	69	0.01	0%	0
004.07	Fiber, Crude, ANKOM (%)	0876	3.500	0.4000	3.492	0.3263	0.1158	69	0.02	0%	0
004.07	Fiber, Crude, ANKOM (%)	0003	3.515	0.0300	3.492	0.3263	0.1158	69	0.07	0%	0
004.07	Fiber, Crude, ANKOM (%)	0242	3.535	0.0500	3.492	0.3263	0.1158	69	0.13	1%	0
004.07	Fiber, Crude, ANKOM (%)	0098	3.550	0.5000	3.492	0.3263	0.1158	69	0.18	1%	0
004.07	Fiber, Crude, ANKOM (%)	0581	3.550	0.1000	3.492	0.3263	0.1158	69	0.18	1%	0
004.07	Fiber, Crude, ANKOM (%)	0354	3.565	0.0100	3.492	0.3263	0.1158	69	0.22	1%	0
004.07	Fiber, Crude, ANKOM (%)	0693	3.570	0.1030	3.492	0.3263	0.1158	69	0.24	1%	0
004.07	Fiber, Crude, ANKOM (%)	0626	3.580	0.0800	3.492	0.3263	0.1158	69	0.27	1%	0
004.07	Fiber, Crude, ANKOM (%)	0529	3.595	0.0700	3.492	0.3263	0.1158	69	0.32	1%	0
004.07	Fiber, Crude, ANKOM (%)	0939	3.605	0.2100	3.492	0.3263	0.1158	69	0.35	2%	0
004.07	Fiber, Crude, ANKOM (%)	0870	3.606	0.1303	3.492	0.3263	0.1158	69	0.35	2%	0
004.07	Fiber, Crude, ANKOM (%)	0019	3.615	0.0300	3.492	0.3263	0.1158	69	0.38	2%	0
004.07	Fiber, Crude, ANKOM (%)	0042	3.620	0.1600	3.492	0.3263	0.1158	69	0.39	2%	0
004.07	Fiber, Crude, ANKOM (%)	0968	3.620	0.0200	3.492	0.3263	0.1158	69	0.39	2%	0
004.07	Fiber, Crude, ANKOM (%)	0589	3.635	0.5300	3.492	0.3263	0.1158	69	0.44	2%	0
004.07	Fiber, Crude, ANKOM (%)	0011	3.650	0.1000	3.492	0.3263	0.1158	69	0.48	2%	0
004.07	Fiber, Crude, ANKOM (%)	0190	3.650	0.1000	3.492	0.3263	0.1158	69	0.48	2%	0
004.07	Fiber, Crude, ANKOM (%)	0226	3.690	0.0600	3.492	0.3263	0.1158	69	0.61	3%	0
004.07	Fiber, Crude, ANKOM (%)	0536	3.695	0.0100	3.492	0.3263	0.1158	69	0.62	3%	0
004.07	Fiber, Crude, ANKOM (%)	0100	3.725	0.0500	3.492	0.3263	0.1158	69	0.71	3%	0
004.07	Fiber, Crude, ANKOM (%)	2188	3.740	0.0000	3.492	0.3263	0.1158	69	0.76	4%	0
004.07	Fiber, Crude, ANKOM (%)	0692	3.750	0.1000	3.492	0.3263	0.1158	69	0.79	4%	0
004.07	Fiber, Crude, ANKOM (%)	0553	3.760	0.0200	3.492	0.3263	0.1158	69	0.82	4%	0
004.07	Fiber, Crude, ANKOM (%)	0848	3.790	0.1400	3.492	0.3263	0.1158	69	0.91	4%	0
004.07	Fiber, Crude, ANKOM (%)	0682	3.800	0.0000	3.492	0.3263	0.1158	69	0.94	4%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
004.07	Fiber, Crude, ANKOM (%)	0675	3.825	0.2100	3.492	0.3263	0.1158	69	1.02	5%	0
004.07	Fiber, Crude, ANKOM (%)	0726	3.825	0.0100	3.492	0.3263	0.1158	69	1.02	5%	0
004.07	Fiber, Crude, ANKOM (%)	0096	3.865	0.0100	3.492	0.3263	0.1158	69	1.14	5%	0
004.07	Fiber, Crude, ANKOM (%)	2302	3.865	0.0500	3.492	0.3263	0.1158	69	1.14	5%	0
004.07	Fiber, Crude, ANKOM (%)	0563	3.905	0.1262	3.492	0.3263	0.1158	69	1.26	6%	0
004.07	Fiber, Crude, ANKOM (%)	0034	3.920	0.0600	3.492	0.3263	0.1158	69	1.31	6%	0
004.07	Fiber, Crude, ANKOM (%)	0045	3.940	0.0000	3.492	0.3263	0.1158	69	1.37	6%	0
004.07	Fiber, Crude, ANKOM (%)	0074	4.020	0.0000	3.492	0.3263	0.1158	69	1.62	8%	0
004.07	Fiber, Crude, ANKOM (%)	0598	4.245	0.0700	3.492	0.3263	0.1158	69	2.31	11%	0
004.07	Fiber, Crude, ANKOM (%)	0646	4.260	0.1400	3.492	0.3263	0.1158	69	2.35	11%	0
004.07	Fiber, Crude, ANKOM (%)	2345	4.330	0.0800	3.492	0.3263	0.1158	69	2.57	12%	0
004.07	Fiber, Crude, ANKOM (%)	0956	2.600	1.400	3.492	0.3263	0.1158	69	-2.73	13%	1
004.11	Fiber, Crude, NIR (%)	0852	1.915	0.1300	3.170	1.014	0.1240	5			0
004.11	Fiber, Crude, NIR (%)	0011	2.335	0.0700	3.170	1.014	0.1240	5			0
004.11	Fiber, Crude, NIR (%)	2290	3.500	0.2000	3.170	1.014	0.1240	5			0
004.11	Fiber, Crude, NIR (%)	0553	3.745	0.1100	3.170	1.014	0.1240	5			0
004.11	Fiber, Crude, NIR (%)	2105	4.355	0.1100	3.170	1.014	0.1240	5			0
005.00	Ash, 2h @ 600°C (%)	0511	5.450	0.3000	6.087	0.3052	0.1160	90	-2.09	5%	0
005.00	Ash, 2h @ 600°C (%)	0062	5.470	0.3600	6.087	0.3052	0.1160	90	-2.02	5%	0
005.00	Ash, 2h @ 600°C (%)	0169	5.480	0.0000	6.087	0.3052	0.1160	90	-1.99	5%	0
005.00	Ash, 2h @ 600°C (%)	0953	5.570	0.1600	6.087	0.3052	0.1160	90	-1.69	4%	0
005.00	Ash, 2h @ 600°C (%)	2268	5.645	0.0300	6.087	0.3052	0.1160	90	-1.45	4%	0
005.00	Ash, 2h @ 600°C (%)	0004	5.690	0.0600	6.087	0.3052	0.1160	90	-1.30	3%	0
005.00	Ash, 2h @ 600°C (%)	0968	5.695	0.0100	6.087	0.3052	0.1160	90	-1.29	3%	0
005.00	Ash, 2h @ 600°C (%)	0651	5.723	0.0464	6.087	0.3052	0.1160	90	-1.19	3%	0
005.00	Ash, 2h @ 600°C (%)	2150	5.725	0.2500	6.087	0.3052	0.1160	90	-1.19	3%	0
005.00	Ash, 2h @ 600°C (%)	0035	5.755	0.0300	6.087	0.3052	0.1160	90	-1.09	3%	0
005.00	Ash, 2h @ 600°C (%)	0142	5.770	0.0200	6.087	0.3052	0.1160	90	-1.04	3%	0
005.00	Ash, 2h @ 600°C (%)	0589	5.785	0.1300	6.087	0.3052	0.1160	90	-0.99	2%	0
005.00	Ash, 2h @ 600°C (%)	0229	5.795	0.4100	6.087	0.3052	0.1160	90	-0.96	2%	0
005.00	Ash, 2h @ 600°C (%)	0505	5.805	0.0100	6.087	0.3052	0.1160	90	-0.93	2%	0
005.00	Ash, 2h @ 600°C (%)	0539	5.810	0.1800	6.087	0.3052	0.1160	90	-0.91	2%	0
005.00	Ash, 2h @ 600°C (%)	0045	5.815	0.1900	6.087	0.3052	0.1160	90	-0.89	2%	0
005.00	Ash, 2h @ 600°C (%)	0848	5.815	0.0300	6.087	0.3052	0.1160	90	-0.89	2%	0
005.00	Ash, 2h @ 600°C (%)	0870	5.830	0.0407	6.087	0.3052	0.1160	90	-0.84	2%	0
005.00	Ash, 2h @ 600°C (%)	2337	5.835	0.0300	6.087	0.3052	0.1160	90	-0.83	2%	0
005.00	Ash, 2h @ 600°C (%)	0581	5.850	0.1000	6.087	0.3052	0.1160	90	-0.78	2%	0
005.00	Ash, 2h @ 600°C (%)	2199	5.850	0.3000	6.087	0.3052	0.1160	90	-0.78	2%	0
005.00	Ash, 2h @ 600°C (%)	0618	5.868	0.0087	6.087	0.3052	0.1160	90	-0.72	2%	0
005.00	Ash, 2h @ 600°C (%)	2326	5.875	0.2900	6.087	0.3052	0.1160	90	-0.70	2%	0
005.00	Ash, 2h @ 600°C (%)	0674	5.900	0.0000	6.087	0.3052	0.1160	90	-0.61	2%	0
005.00	Ash, 2h @ 600°C (%)	0956	5.900	0.2000	6.087	0.3052	0.1160	90	-0.61	2%	0



Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
005.00	Ash, 2h @ 600°C (%)	0144	5.915	0.3500	6.087	0.3052	0.1160	90	-0.56	1%	0
005.00	Ash, 2h @ 600°C (%)	0650	5.915	0.0300	6.087	0.3052	0.1160	90	-0.56	1%	0
005.00	Ash, 2h @ 600°C (%)	0183	5.920	0.1100	6.087	0.3052	0.1160	90	-0.55	1%	0
005.00	Ash, 2h @ 600°C (%)	0553	5.925	0.0900	6.087	0.3052	0.1160	90	-0.53	1%	0
005.00	Ash, 2h @ 600°C (%)	2022	5.935	0.0900	6.087	0.3052	0.1160	90	-0.50	1%	0
005.00	Ash, 2h @ 600°C (%)	0918	5.940	0.0000	6.087	0.3052	0.1160	90	-0.48	1%	0
005.00	Ash, 2h @ 600°C (%)	0049	5.945	0.3500	6.087	0.3052	0.1160	90	-0.47	1%	0
005.00	Ash, 2h @ 600°C (%)	0098	5.950	0.1000	6.087	0.3052	0.1160	90	-0.45	1%	0
005.00	Ash, 2h @ 600°C (%)	0876	5.950	0.1000	6.087	0.3052	0.1160	90	-0.45	1%	0
005.00	Ash, 2h @ 600°C (%)	0297	5.970	0.0400	6.087	0.3052	0.1160	90	-0.38	1%	0
005.00	Ash, 2h @ 600°C (%)	0226	5.990	0.0600	6.087	0.3052	0.1160	90	-0.32	1%	0
005.00	Ash, 2h @ 600°C (%)	0042	6.000	0.0400	6.087	0.3052	0.1160	90	-0.29	1%	0
005.00	Ash, 2h @ 600°C (%)	0598	6.020	0.0200	6.087	0.3052	0.1160	90	-0.22	1%	0
005.00	Ash, 2h @ 600°C (%)	0504	6.025	0.0300	6.087	0.3052	0.1160	90	-0.20	1%	0
005.00	Ash, 2h @ 600°C (%)	2089	6.045	0.0700	6.087	0.3052	0.1160	90	-0.14	0%	0
005.00	Ash, 2h @ 600°C (%)	2302	6.045	0.0500	6.087	0.3052	0.1160	90	-0.14	0%	0
005.00	Ash, 2h @ 600°C (%)	0407	6.057	0.0235	6.087	0.3052	0.1160	90	-0.10	0%	0
005.00	Ash, 2h @ 600°C (%)	0693	6.058	0.0410	6.087	0.3052	0.1160	90	-0.10	0%	0
005.00	Ash, 2h @ 600°C (%)	2006	6.075	0.0500	6.087	0.3052	0.1160	90	-0.04	0%	0
005.00	Ash, 2h @ 600°C (%)	0148	6.080	0.0200	6.087	0.3052	0.1160	90	-0.02	0%	0
005.00	Ash, 2h @ 600°C (%)	0171	6.080	0.0800	6.087	0.3052	0.1160	90	-0.02	0%	0
005.00	Ash, 2h @ 600°C (%)	0354	6.080	0.0200	6.087	0.3052	0.1160	90	-0.02	0%	0
005.00	Ash, 2h @ 600°C (%)	0914	6.080	0.1600	6.087	0.3052	0.1160	90	-0.02	0%	0
005.00	Ash, 2h @ 600°C (%)	2193	6.080	0.0000	6.087	0.3052	0.1160	90	-0.02	0%	0
005.00	Ash, 2h @ 600°C (%)	0563	6.101	0.0312	6.087	0.3052	0.1160	90	0.04	0%	0
005.00	Ash, 2h @ 600°C (%)	0520	6.105	0.0700	6.087	0.3052	0.1160	90	0.06	0%	0
005.00	Ash, 2h @ 600°C (%)	0643	6.105	0.0700	6.087	0.3052	0.1160	90	0.06	0%	0
005.00	Ash, 2h @ 600°C (%)	0425	6.110	0.0400	6.087	0.3052	0.1160	90	0.07	0%	0
005.00	Ash, 2h @ 600°C (%)	0675	6.115	0.1300	6.087	0.3052	0.1160	90	0.09	0%	0
005.00	Ash, 2h @ 600°C (%)	0242	6.125	0.0300	6.087	0.3052	0.1160	90	0.12	0%	0
005.00	Ash, 2h @ 600°C (%)	0027	6.134	0.0250	6.087	0.3052	0.1160	90	0.15	0%	0
005.00	Ash, 2h @ 600°C (%)	0345	6.135	0.0700	6.087	0.3052	0.1160	90	0.16	0%	0
005.00	Ash, 2h @ 600°C (%)	0047	6.150	0.3000	6.087	0.3052	0.1160	90	0.21	1%	0
005.00	Ash, 2h @ 600°C (%)	0278	6.170	0.2000	6.087	0.3052	0.1160	90	0.27	1%	0
005.00	Ash, 2h @ 600°C (%)	2184	6.195	0.0500	6.087	0.3052	0.1160	90	0.35	1%	0
005.00	Ash, 2h @ 600°C (%)	2246	6.200	0.0200	6.087	0.3052	0.1160	90	0.37	1%	0
005.00	Ash, 2h @ 600°C (%)	0529	6.220	0.3600	6.087	0.3052	0.1160	90	0.43	1%	0
005.00	Ash, 2h @ 600°C (%)	0541	6.220	0.4400	6.087	0.3052	0.1160	90	0.43	1%	0
005.00	Ash, 2h @ 600°C (%)	0574	6.240	0.1200	6.087	0.3052	0.1160	90	0.50	1%	0
005.00	Ash, 2h @ 600°C (%)	0860	6.240	0.0000	6.087	0.3052	0.1160	90	0.50	1%	0
005.00	Ash, 2h @ 600°C (%)	0265	6.250	0.1000	6.087	0.3052	0.1160	90	0.53	1%	0
005.00	Ash, 2h @ 600°C (%)	2188	6.260	0.0000	6.087	0.3052	0.1160	90	0.57	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
005.00	Ash, 2h @ 600°C (%)	0646	6.265	0.2500	6.087	0.3052	0.1160	90	0.58	1%	0
005.00	Ash, 2h @ 600°C (%)	2200	6.300	0.2000	6.087	0.3052	0.1160	90	0.70	2%	0
005.00	Ash, 2h @ 600°C (%)	0948	6.320	0.0200	6.087	0.3052	0.1160	90	0.76	2%	0
005.00	Ash, 2h @ 600°C (%)	0083	6.360	0.0200	6.087	0.3052	0.1160	90	0.89	2%	0
005.00	Ash, 2h @ 600°C (%)	2073	6.360	0.1000	6.087	0.3052	0.1160	90	0.89	2%	0
005.00	Ash, 2h @ 600°C (%)	0186	6.361	0.1740	6.087	0.3052	0.1160	90	0.90	2%	0
005.00	Ash, 2h @ 600°C (%)	2181	6.380	0.3400	6.087	0.3052	0.1160	90	0.96	2%	0
005.00	Ash, 2h @ 600°C (%)	2259	6.402	0.0790	6.087	0.3052	0.1160	90	1.03	3%	0
005.00	Ash, 2h @ 600°C (%)	0682	6.420	0.0000	6.087	0.3052	0.1160	90	1.09	3%	0
005.00	Ash, 2h @ 600°C (%)	0964	6.441	0.2840	6.087	0.3052	0.1160	90	1.16	3%	0
005.00	Ash, 2h @ 600°C (%)	0300	6.455	0.1100	6.087	0.3052	0.1160	90	1.20	3%	0
005.00	Ash, 2h @ 600°C (%)	2097	6.456	0.2943	6.087	0.3052	0.1160	90	1.21	3%	0
005.00	Ash, 2h @ 600°C (%)	0353	6.480	0.0200	6.087	0.3052	0.1160	90	1.29	3%	0
005.00	Ash, 2h @ 600°C (%)	0100	6.600	0.0600	6.087	0.3052	0.1160	90	1.68	4%	0
005.00	Ash, 2h @ 600°C (%)	0357	6.600	0.2000	6.087	0.3052	0.1160	90	1.68	4%	0
005.00	Ash, 2h @ 600°C (%)	0366	6.600	0.2000	6.087	0.3052	0.1160	90	1.68	4%	0
005.00	Ash, 2h @ 600°C (%)	0853	6.650	0.3000	6.087	0.3052	0.1160	90	1.84	5%	0
005.00	Ash, 2h @ 600°C (%)	0309	6.667	0.1380	6.087	0.3052	0.1160	90	1.90	5%	0
005.00	Ash, 2h @ 600°C (%)	0123	6.685	0.2100	6.087	0.3052	0.1160	90	1.96	5%	0
005.00	Ash, 2h @ 600°C (%)	2058	6.690	0.0600	6.087	0.3052	0.1160	90	1.97	5%	0
005.00	Ash, 2h @ 600°C (%)	0164	6.700	0.1800	6.087	0.3052	0.1160	90	2.01	5%	0
005.00	Ash, 2h @ 600°C (%)	0852	7.000	0.0000	6.087	0.3052	0.1160	90	2.99	7%	0
005.00	Ash, 2h @ 600°C (%)	0510	8.285	0.0300	6.087	0.3052	0.1160	90	7.20	18%	0
005.00	Ash, 2h @ 600°C (%)	0019	6.500	0.8000	6.087	0.3052	0.1160	90	1.35	3%	1
005.00	Ash, 2h @ 600°C (%)	2076	6.862	1.344	6.087	0.3052	0.1160	90	2.54	6%	1
005.00	Ash, 2h @ 600°C (%)	0108	7.320	1.060	6.087	0.3052	0.1160	90	4.04	10%	1
005.02	Ash, LECO (%)	0644	6.005	0.0450				1			0
005.05	Ash, 3h @ 550°C (%)	0726	5.815	0.1500	6.213	0.3634	0.0910	22	-1.10	3%	0
005.05	Ash, 3h @ 550°C (%)	0034	5.837	0.0630	6.213	0.3634	0.0910	22	-1.04	3%	0
005.05	Ash, 3h @ 550°C (%)	0644	5.839	0.1240	6.213	0.3634	0.0910	22	-1.03	3%	0
005.05	Ash, 3h @ 550°C (%)	0590	5.890	0.0000	6.213	0.3634	0.0910	22	-0.89	3%	0
005.05	Ash, 3h @ 550°C (%)	2190	5.950	0.1000	6.213	0.3634	0.0910	22	-0.72	2%	0
005.05	Ash, 3h @ 550°C (%)	0689	5.995	0.1300	6.213	0.3634	0.0910	22	-0.60	2%	0
005.05	Ash, 3h @ 550°C (%)	0638	6.000	0.0000	6.213	0.3634	0.0910	22	-0.59	2%	0
005.05	Ash, 3h @ 550°C (%)	2345	6.015	0.1500	6.213	0.3634	0.0910	22	-0.54	2%	0
005.05	Ash, 3h @ 550°C (%)	0263	6.034	0.0090	6.213	0.3634	0.0910	22	-0.49	1%	0
005.05	Ash, 3h @ 550°C (%)	0683	6.035	0.2700	6.213	0.3634	0.0910	22	-0.49	1%	0
005.05	Ash, 3h @ 550°C (%)	0066	6.065	0.0900	6.213	0.3634	0.0910	22	-0.41	1%	0
005.05	Ash, 3h @ 550°C (%)	2246	6.095	0.0700	6.213	0.3634	0.0910	22	-0.32	1%	0
005.05	Ash, 3h @ 550°C (%)	0692	6.205	0.0700	6.213	0.3634	0.0910	22	-0.02	0%	0
005.05	Ash, 3h @ 550°C (%)	0939	6.235	0.1100	6.213	0.3634	0.0910	22	0.06	0%	0
005.05	Ash, 3h @ 550°C (%)	2009	6.287	0.0107	6.213	0.3634	0.0910	22	0.20	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
005.05	Ash, 3h @ 550°C (%)	0941	6.465	0.1900	6.213	0.3634	0.0910	22	0.69	2%	0
005.05	Ash, 3h @ 550°C (%)	0653	6.490	0.0200	6.213	0.3634	0.0910	22	0.76	2%	0
005.05	Ash, 3h @ 550°C (%)	0190	6.545	0.0700	6.213	0.3634	0.0910	22	0.91	3%	0
005.05	Ash, 3h @ 550°C (%)	0921	6.617	0.0760	6.213	0.3634	0.0910	22	1.11	3%	0
005.05	Ash, 3h @ 550°C (%)	0685	6.790	0.1800	6.213	0.3634	0.0910	22	1.59	5%	0
005.05	Ash, 3h @ 550°C (%)	0003	6.795	0.0300	6.213	0.3634	0.0910	22	1.60	5%	0
005.05	Ash, 3h @ 550°C (%)	2192	6.905	0.0900	6.213	0.3634	0.0910	22	1.90	6%	0
005.05	Ash, 3h @ 550°C (%)	2129	6.565	0.6700	6.213	0.3634	0.0910	22	0.97	3%	1
005.11	Ash, NIR (%)	0852	5.785	0.0100	6.168	0.3984	0.0350	4			0
005.11	Ash, NIR (%)	0590	5.890	0.0400	6.168	0.3984	0.0350	4			0
005.11	Ash, NIR (%)	2105	6.365	0.0300	6.168	0.3984	0.0350	4			0
005.11	Ash, NIR (%)	0297	6.630	0.0600	6.168	0.3984	0.0350	4			0
005.11	Ash, NIR (%)	2290	6.500	0.2000	6.168	0.3984	0.0350	4			1
005.99	Ash, Miscellaneous (%)	2329	5.795	0.0300	6.174	0.3326	0.1582	11	-1.14	3%	0
005.99	Ash, Miscellaneous (%)	0652	5.800	0.2000	6.174	0.3326	0.1582	11	-1.12	3%	0
005.99	Ash, Miscellaneous (%)	0676	5.990	0.0400	6.174	0.3326	0.1582	11	-0.55	1%	0
005.99	Ash, Miscellaneous (%)	2055	6.000	0.0000	6.174	0.3326	0.1582	11	-0.52	1%	0
005.99	Ash, Miscellaneous (%)	0875	6.145	0.0300	6.174	0.3326	0.1582	11	-0.09	0%	0
005.99	Ash, Miscellaneous (%)	0910	6.150	0.7000	6.174	0.3326	0.1582	11	-0.07	0%	0
005.99	Ash, Miscellaneous (%)	0546	6.170	0.0000	6.174	0.3326	0.1582	11	-0.01	0%	0
005.99	Ash, Miscellaneous (%)	0202	6.185	0.0300	6.174	0.3326	0.1582	11	0.03	0%	0
005.99	Ash, Miscellaneous (%)	2319	6.350	0.7000	6.174	0.3326	0.1582	11	0.53	1%	0
005.99	Ash, Miscellaneous (%)	0536	6.655	0.0100	6.174	0.3326	0.1582	11	1.45	4%	0
005.99	Ash, Miscellaneous (%)	0884	7.400	0.0000	6.174	0.3326	0.1582	11	3.69	10%	0
006.00	Total Sugars, As sucrose (%)	0407	13.16	0.7400				1			0
006.99	Total Sugars, Miscellaneous (%)	0226	9.400	0.0600				3			0
006.99	Total Sugars, Miscellaneous (%)	2290	10.60	0.4000				3			0
006.99	Total Sugars, Miscellaneous (%)	0956	11.20	0.2000				3			0
008.02	Fiber, Acid Detergent, Crucible (%)	0674	3.600	0.0000	4.733	0.4049	0.1952	15	-2.80	12%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0676	3.890	0.5000	4.733	0.4049	0.1952	15	-2.08	9%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0345	4.450	0.3000	4.733	0.4049	0.1952	15	-0.70	3%	0
008.02	Fiber, Acid Detergent, Crucible (%)	2192	4.485	0.3100	4.733	0.4049	0.1952	15	-0.61	3%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0875	4.515	0.1300	4.733	0.4049	0.1952	15	-0.54	2%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0309	4.694	0.0668	4.733	0.4049	0.1952	15	-0.10	0%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0098	4.695	0.2300	4.733	0.4049	0.1952	15	-0.10	0%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0148	4.775	0.0300	4.733	0.4049	0.1952	15	0.10	0%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0948	4.795	0.0700	4.733	0.4049	0.1952	15	0.15	1%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0964	4.836	0.2310	4.733	0.4049	0.1952	15	0.25	1%	0
008.02	Fiber, Acid Detergent, Crucible (%)	2246	4.935	0.4100	4.733	0.4049	0.1952	15	0.50	2%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0353	4.945	0.2100	4.733	0.4049	0.1952	15	0.52	2%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0226	4.985	0.0900	4.733	0.4049	0.1952	15	0.62	3%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0689	5.300	0.2000	4.733	0.4049	0.1952	15	1.40	6%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
008.02	Fiber, Acid Detergent, Crucible (%)	0504	7.655	0.1500	4.733	0.4049	0.1952	15	7.21	31%	0
008.05	Fiber, Acid Detergent, Acid Detergent-Hach (%)	0265	5.325	0.6100				1			0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0297	3.300	0.6000	4.998	1.174	0.2523	34	-1.45	17%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2345	3.320	0.2800	4.998	1.174	0.2523	34	-1.43	17%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0529	3.595	0.0700	4.998	1.174	0.2523	34	-1.19	14%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0968	3.655	0.0300	4.998	1.174	0.2523	34	-1.14	13%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0956	3.700	0.2000	4.998	1.174	0.2523	34	-1.11	13%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0653	4.005	0.0300	4.998	1.174	0.2523	34	-0.85	10%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2302	4.100	0.3200	4.998	1.174	0.2523	34	-0.76	9%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0726	4.200	0.0600	4.998	1.174	0.2523	34	-0.68	8%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0148	4.290	0.0200	4.998	1.174	0.2523	34	-0.60	7%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0354	4.360	0.0400	4.998	1.174	0.2523	34	-0.54	6%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0675	4.360	0.0400	4.998	1.174	0.2523	34	-0.54	6%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0357	4.480	0.1800	4.998	1.174	0.2523	34	-0.44	5%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0407	4.586	0.2427	4.998	1.174	0.2523	34	-0.35	4%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0190	4.680	0.0800	4.998	1.174	0.2523	34	-0.27	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0511	4.700	0.4000	4.998	1.174	0.2523	34	-0.25	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0004	4.755	0.1300	4.998	1.174	0.2523	34	-0.21	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0910	4.830	0.4600	4.998	1.174	0.2523	34	-0.14	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0035	4.840	0.3800	4.998	1.174	0.2523	34	-0.13	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0164	4.900	0.0000	4.998	1.174	0.2523	34	-0.08	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0263	4.957	0.1730	4.998	1.174	0.2523	34	-0.03	0%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0042	5.010	0.1000	4.998	1.174	0.2523	34	0.01	0%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0870	5.270	0.0207	4.998	1.174	0.2523	34	0.23	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0066	5.495	0.4700	4.998	1.174	0.2523	34	0.42	5%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2193	5.530	0.0400	4.998	1.174	0.2523	34	0.45	5%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0278	5.650	0.3000	4.998	1.174	0.2523	34	0.56	7%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0510	5.700	0.2000	4.998	1.174	0.2523	34	0.60	7%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0037	5.780	0.7400	4.998	1.174	0.2523	34	0.67	8%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0083	5.905	0.1100	4.998	1.174	0.2523	34	0.77	9%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0939	6.290	1.000	4.998	1.174	0.2523	34	1.10	13%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0045	6.640	0.6400	4.998	1.174	0.2523	34	1.40	16%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0581	6.850	0.1000	4.998	1.174	0.2523	34	1.58	19%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0693	6.971	0.1420	4.998	1.174	0.2523	34	1.68	20%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0049	7.350	0.1600	4.998	1.174	0.2523	34	2.00	24%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2129	9.910	0.8200	4.998	1.174	0.2523	34	4.18	49%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0848	5.395	1.390	4.998	1.174	0.2523	34	0.34	4%	1
008.99	Fiber, Acid Detergent, Miscellaneous (%)	0027	4.853	0.1730				3			0
008.99	Fiber, Acid Detergent, Miscellaneous (%)	2290	5.200	0.2000				3			0
008.99	Fiber, Acid Detergent, Miscellaneous (%)	2326	6.225	0.0500				3			0
009.04	Fiber, Neutral Detergent, Neutral Det-No ENZ Pretreat (%)	2246	7.620	0.5600				2			0
009.04	Fiber, Neutral Detergent, Neutral Det-No ENZ Pretreat (%)	0504	8.005	0.4300				2			0



Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0345	6.400	0.4000	7.691	0.7183	0.3432	14	-1.80	8%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0353	6.475	0.1100	7.691	0.7183	0.3432	14	-1.69	8%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0226	7.210	0.0800	7.691	0.7183	0.3432	14	-0.67	3%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0098	7.270	0.2200	7.691	0.7183	0.3432	14	-0.59	3%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0948	7.345	0.0700	7.691	0.7183	0.3432	14	-0.48	2%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	2192	7.535	0.2700	7.691	0.7183	0.3432	14	-0.22	1%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0964	7.718	1.085	7.691	0.7183	0.3432	14	0.04	0%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0674	7.820	0.0000	7.691	0.7183	0.3432	14	0.18	1%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0910	8.000	0.6000	7.691	0.7183	0.3432	14	0.43	2%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0875	8.055	0.1700	7.691	0.7183	0.3432	14	0.51	2%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0309	8.130	0.0595	7.691	0.7183	0.3432	14	0.61	3%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0676	8.275	0.6900	7.691	0.7183	0.3432	14	0.81	4%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	2246	8.325	0.8500	7.691	0.7183	0.3432	14	0.88	4%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0689	8.900	0.2000	7.691	0.7183	0.3432	14	1.68	8%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0638	4.900	0.0000	7.734	1.317	0.3800	32	-2.15	18%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0297	6.000	0.4000	7.734	1.317	0.3800	32	-1.32	11%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0956	6.700	0.2000	7.734	1.317	0.3800	32	-0.79	7%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0407	6.764	0.2223	7.734	1.317	0.3800	32	-0.74	6%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0263	6.808	0.0070	7.734	1.317	0.3800	32	-0.70	6%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0939	6.820	0.4600	7.734	1.317	0.3800	32	-0.69	6%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	2345	6.820	0.4200	7.734	1.317	0.3800	32	-0.69	6%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0148	6.835	0.1900	7.734	1.317	0.3800	32	-0.68	6%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	2022	6.840	0.1000	7.734	1.317	0.3800	32	-0.68	6%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0164	7.000	0.0000	7.734	1.317	0.3800	32	-0.56	5%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0726	7.000	0.4800	7.734	1.317	0.3800	32	-0.56	5%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0035	7.115	0.0100	7.734	1.317	0.3800	32	-0.47	4%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0870	7.176	0.1553	7.734	1.317	0.3800	32	-0.42	4%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0066	7.185	0.4500	7.734	1.317	0.3800	32	-0.42	4%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0278	7.200	0.2000	7.734	1.317	0.3800	32	-0.41	3%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0598	7.280	0.0000	7.734	1.317	0.3800	32	-0.34	3%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0581	7.300	0.2000	7.734	1.317	0.3800	32	-0.33	3%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0265	7.340	0.6800	7.734	1.317	0.3800	32	-0.30	3%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	2302	7.465	0.2300	7.734	1.317	0.3800	32	-0.20	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0693	7.565	1.116	7.734	1.317	0.3800	32	-0.13	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0357	7.605	0.1300	7.734	1.317	0.3800	32	-0.10	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0083	8.420	0.2400	7.734	1.317	0.3800	32	0.52	4%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	2193	8.420	0.1800	7.734	1.317	0.3800	32	0.52	4%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0968	8.615	0.4700	7.734	1.317	0.3800	32	0.67	6%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0653	8.630	0.4200	7.734	1.317	0.3800	32	0.68	6%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0675	9.205	0.1900	7.734	1.317	0.3800	32	1.12	10%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0037	9.450	1.980	7.734	1.317	0.3800	32	1.30	11%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0510	9.450	0.1000	7.734	1.317	0.3800	32	1.30	11%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0354	9.590	0.3400	7.734	1.317	0.3800	32	1.41	12%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0049	10.11	0.9400	7.734	1.317	0.3800	32	1.80	15%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0190	10.19	0.3400	7.734	1.317	0.3800	32	1.87	16%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0045	10.35	1.310	7.734	1.317	0.3800	32	1.98	17%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0848	19.92	5.180	7.734	1.317	0.3800	32	9.25	79%	1
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	2129	26.70	5.200	7.734	1.317	0.3800	32	14.40	123%	1
009.99	Fiber, Neutral Detergent, Miscellaneous (%)	2326	8.830	0.1000				2			0
009.99	Fiber, Neutral Detergent, Miscellaneous (%)	2290	10.60	0.6000				2			0
010.03	Moisture, Karl-Fischer (%)	0843	10.21	0.0100				2			0
010.03	Moisture, Karl-Fischer (%)	0164	11.63	0.1200				2			0
010.11	Moisture, NIR (%)	2105	9.630	0.0200				3			0
010.11	Moisture, NIR (%)	0852	10.93	0.1300				3			0
010.11	Moisture, NIR (%)	2290	11.23	0.0600				3			0
010.99	Moisture, Miscellaneous (%)	0011	10.40	0.0900	11.18	0.3792	0.1473	19	-2.07	4%	0
010.99	Moisture, Miscellaneous (%)	0546	10.46	0.0700	11.18	0.3792	0.1473	19	-1.91	3%	0
010.99	Moisture, Miscellaneous (%)	2129	10.64	0.5200	11.18	0.3792	0.1473	19	-1.42	2%	0
010.99	Moisture, Miscellaneous (%)	2043	10.87	0.0600	11.18	0.3792	0.1473	19	-0.82	1%	0
010.99	Moisture, Miscellaneous (%)	0948	10.99	0.0100	11.18	0.3792	0.1473	19	-0.51	1%	0
010.99	Moisture, Miscellaneous (%)	2076	11.09	0.2900	11.18	0.3792	0.1473	19	-0.25	0%	0
010.99	Moisture, Miscellaneous (%)	0964	11.10	0.1280	11.18	0.3792	0.1473	19	-0.20	0%	0
010.99	Moisture, Miscellaneous (%)	2089	11.11	0.0700	11.18	0.3792	0.1473	19	-0.20	0%	0
010.99	Moisture, Miscellaneous (%)	0921	11.16	0.0400	11.18	0.3792	0.1473	19	-0.05	0%	0
010.99	Moisture, Miscellaneous (%)	0875	11.19	0.0200	11.18	0.3792	0.1473	19	0.03	0%	0
010.99	Moisture, Miscellaneous (%)	0939	11.19	0.1800	11.18	0.3792	0.1473	19	0.03	0%	0
010.99	Moisture, Miscellaneous (%)	2178	11.29	0.2900	11.18	0.3792	0.1473	19	0.28	0%	0
010.99	Moisture, Miscellaneous (%)	0726	11.35	0.0300	11.18	0.3792	0.1473	19	0.44	1%	0
010.99	Moisture, Miscellaneous (%)	0652	11.35	0.1000	11.18	0.3792	0.1473	19	0.45	1%	0
010.99	Moisture, Miscellaneous (%)	2150	11.44	0.0100	11.18	0.3792	0.1473	19	0.67	1%	0
010.99	Moisture, Miscellaneous (%)	0914	11.45	0.1800	11.18	0.3792	0.1473	19	0.71	1%	0
010.99	Moisture, Miscellaneous (%)	0190	11.59	0.0000	11.18	0.3792	0.1473	19	1.08	2%	0
010.99	Moisture, Miscellaneous (%)	0884	11.65	0.7000	11.18	0.3792	0.1473	19	1.24	2%	0
010.99	Moisture, Miscellaneous (%)	2329	11.99	0.0100	11.18	0.3792	0.1473	19	2.13	4%	0
010.99	Moisture, Miscellaneous (%)	0692	8.045	5.930	11.18	0.3792	0.1473	19	-8.27	14%	1
011.01	Loss on Drying, HT, 135°C 2hr (%)	0563	10.12	0.0470	11.82	0.2638	0.1081	65	-6.42	7%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2199	10.60	0.2000	11.82	0.2638	0.1081	65	-4.62	5%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0651	10.70	0.1703	11.82	0.2638	0.1081	65	-4.25	5%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0859	10.98	0.0980	11.82	0.2638	0.1081	65	-3.19	4%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2200	11.05	0.1000	11.82	0.2638	0.1081	65	-2.91	3%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0953	11.29	0.0300	11.82	0.2638	0.1081	65	-2.02	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2188	11.33	0.0600	11.82	0.2638	0.1081	65	-1.85	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0108	11.49	0.3700	11.82	0.2638	0.1081	65	-1.26	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0598	11.56	0.0300	11.82	0.2638	0.1081	65	-1.00	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
011.01	Loss on Drying, HT, 135°C 2hr (%)	0226	11.59	0.0500	11.82	0.2638	0.1081	65	-0.88	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2193	11.59	0.0500	11.82	0.2638	0.1081	65	-0.88	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0265	11.60	0.0000	11.82	0.2638	0.1081	65	-0.83	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0354	11.66	0.0100	11.82	0.2638	0.1081	65	-0.62	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0511	11.66	0.1100	11.82	0.2638	0.1081	65	-0.62	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0066	11.67	0.1300	11.82	0.2638	0.1081	65	-0.58	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0685	11.67	0.4000	11.82	0.2638	0.1081	65	-0.56	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0263	11.68	0.0320	11.82	0.2638	0.1081	65	-0.53	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0553	11.68	0.1400	11.82	0.2638	0.1081	65	-0.52	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0968	11.70	0.0100	11.82	0.2638	0.1081	65	-0.47	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0208	11.70	0.0000	11.82	0.2638	0.1081	65	-0.45	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0510	11.70	0.4000	11.82	0.2638	0.1081	65	-0.45	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0123	11.71	0.1400	11.82	0.2638	0.1081	65	-0.41	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2181	11.71	0.1400	11.82	0.2638	0.1081	65	-0.41	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2268	11.72	0.3700	11.82	0.2638	0.1081	65	-0.39	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0309	11.73	0.3100	11.82	0.2638	0.1081	65	-0.35	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0229	11.73	0.3400	11.82	0.2638	0.1081	65	-0.33	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0536	11.74	0.0100	11.82	0.2638	0.1081	65	-0.32	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0574	11.74	0.0100	11.82	0.2638	0.1081	65	-0.32	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0646	11.74	0.0100	11.82	0.2638	0.1081	65	-0.32	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2174	11.74	0.0900	11.82	0.2638	0.1081	65	-0.32	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0144	11.76	0.1200	11.82	0.2638	0.1081	65	-0.22	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2073	11.79	0.2500	11.82	0.2638	0.1081	65	-0.13	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0653	11.81	0.0500	11.82	0.2638	0.1081	65	-0.05	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0100	11.82	0.0200	11.82	0.2638	0.1081	65	0.01	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0520	11.84	0.0200	11.82	0.2638	0.1081	65	0.08	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0171	11.85	0.0300	11.82	0.2638	0.1081	65	0.10	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0425	11.87	0.0300	11.82	0.2638	0.1081	65	0.18	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0242	11.88	0.0800	11.82	0.2638	0.1081	65	0.23	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0098	11.89	0.0700	11.82	0.2638	0.1081	65	0.25	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0541	11.89	0.1900	11.82	0.2638	0.1081	65	0.25	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0674	11.90	0.0000	11.82	0.2638	0.1081	65	0.31	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2168	11.93	0.2900	11.82	0.2638	0.1081	65	0.40	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2326	11.93	0.0300	11.82	0.2638	0.1081	65	0.40	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0164	11.94	0.1700	11.82	0.2638	0.1081	65	0.44	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0643	11.95	0.0500	11.82	0.2638	0.1081	65	0.48	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0300	11.95	0.3000	11.82	0.2638	0.1081	65	0.50	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2097	11.96	0.0407	11.82	0.2638	0.1081	65	0.53	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0539	11.96	0.0600	11.82	0.2638	0.1081	65	0.54	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0589	11.96	0.0400	11.82	0.2638	0.1081	65	0.54	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2006	11.96	0.1400	11.82	0.2638	0.1081	65	0.54	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2302	11.99	0.0900	11.82	0.2638	0.1081	65	0.63	1%	0

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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
011.01	Loss on Drying, HT, 135°C 2hr (%)	0682	12.01	0.0000	11.82	0.2638	0.1081	65	0.73	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0004	12.02	0.0900	11.82	0.2638	0.1081	65	0.75	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0870	12.02	0.1555	11.82	0.2638	0.1081	65	0.76	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0407	12.10	0.0125	11.82	0.2638	0.1081	65	1.08	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0618	12.11	0.0200	11.82	0.2638	0.1081	65	1.11	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2058	12.11	0.0000	11.82	0.2638	0.1081	65	1.11	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0202	12.15	0.1000	11.82	0.2638	0.1081	65	1.26	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2184	12.26	0.0800	11.82	0.2638	0.1081	65	1.67	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2246	12.27	0.0400	11.82	0.2638	0.1081	65	1.71	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0675	12.31	0.0200	11.82	0.2638	0.1081	65	1.86	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0047	12.55	0.3000	11.82	0.2638	0.1081	65	2.77	3%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2337	12.59	0.0100	11.82	0.2638	0.1081	65	2.91	3%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0843	12.65	0.1100	11.82	0.2638	0.1081	65	3.13	3%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0062	12.98	0.1600	11.82	0.2638	0.1081	65	4.40	5%	0
011.02	Loss on Drying, HT, 130°C for 2 hours (%)	0942	11.78	0.0700				2			0
011.02	Loss on Drying, HT, 130°C for 2 hours (%)	0529	11.84	0.0000				2			0
011.99	Loss on Drying, HT, High Temp. Methods Miscellaneous (	0852	11.55	0.1000	11.78	0.1842	0.1140	4			0
011.99	Loss on Drying, HT, High Temp. Methods Miscellaneous (	2303	11.77	0.0160	11.78	0.1842	0.1140	4			0
011.99	Loss on Drying, HT, High Temp. Methods Miscellaneous (	2174	11.80	0.2000	11.78	0.1842	0.1140	4			0
011.99	Loss on Drying, HT, High Temp. Methods Miscellaneous (	2168	12.00	0.1400	11.78	0.1842	0.1140	4			0
011.99	Loss on Drying, HT, High Temp. Methods Miscellaneous (	2055	10.50	1.000	11.78	0.1842	0.1140	4			2
012.00	Starch, Polarimetric (Ewers) (%)	2193	5.635	0.2300	5.801	0.1522	0.1471	7	-1.09	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0638	5.700	0.0000	5.801	0.1522	0.1471	7	-0.67	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0354	5.740	0.0200	5.801	0.1522	0.1471	7	-0.40	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	2188	5.755	0.1300	5.801	0.1522	0.1471	7	-0.30	0%	0
012.00	Starch, Polarimetric (Ewers) (%)	2006	5.850	0.0200	5.801	0.1522	0.1471	7	0.32	0%	0
012.00	Starch, Polarimetric (Ewers) (%)	0164	5.900	0.2000	5.801	0.1522	0.1471	7	0.65	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	2181	8.045	0.4300	5.801	0.1522	0.1471	7	14.74	19%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0407	0.8678	0.0045	1.350	0.4542	0.1003	8	-1.06	18%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0164	0.9500	0.1000	1.350	0.4542	0.1003	8	-0.88	15%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0956	1.150	0.1000	1.350	0.4542	0.1003	8	-0.44	7%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0148	1.200	0.1400	1.350	0.4542	0.1003	8	-0.33	6%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0045	1.400	0.2000	1.350	0.4542	0.1003	8	0.11	2%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0870	1.408	0.0089	1.350	0.4542	0.1003	8	0.13	2%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0693	1.795	0.0490	1.350	0.4542	0.1003	8	0.98	16%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	2089	2.690	0.2000	1.350	0.4542	0.1003	8	2.95	50%	0
012.03	Starch, Enzymatic-Colorimetric Method, Miscellaneous (%)	0407	1.049	0.0560				2			0
012.03	Starch, Enzymatic-Colorimetric Method, Miscellaneous (%)	0297	1.775	0.2300				2			0
012.04	Starch, Enzymatic-Enzyme Membrane Technology (YSI) (	0226	1.125	0.0100	1.714	0.5394	0.1625	4			0
012.04	Starch, Enzymatic-Enzyme Membrane Technology (YSI) (	0510	1.600	0.2000	1.714	0.5394	0.1625	4			0
012.04	Starch, Enzymatic-Enzyme Membrane Technology (YSI) (	0278	1.700	0.2000	1.714	0.5394	0.1625	4			0
012.04	Starch, Enzymatic-Enzyme Membrane Technology (YSI) (	2129	2.430	0.2400	1.714	0.5394	0.1625	4			0



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012.04	Starch, Enzymatic-Enzyme Membrane Technology (YSI) (	0948	5.865	0.0300	1.714	0.5394	0.1625	4			2
012.11	Starch, NIR (%)	2290	0.6500	0.1000				2			0
012.11	Starch, NIR (%)	0297	1.530	0.0200				2			0
012.20	Starch, Dietary, Enzymatic-Colorimetric (%)	0353	6.475	0.1100				1			0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0948	0.2850	0.0500	2.338	0.9377	0.1428	18	-2.19	44%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0910	1.240	0.3200	2.338	0.9377	0.1428	18	-1.17	23%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0689	1.300	0.0000	2.338	0.9377	0.1428	18	-1.11	22%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	2345	1.660	0.0800	2.338	0.9377	0.1428	18	-0.72	15%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	2319	1.750	0.1000	2.338	0.9377	0.1428	18	-0.63	13%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	2073	1.890	0.1000	2.338	0.9377	0.1428	18	-0.48	10%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0083	1.980	0.0200	2.338	0.9377	0.1428	18	-0.38	8%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0242	2.020	0.1400	2.338	0.9377	0.1428	18	-0.34	7%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0297	2.070	0.4000	2.338	0.9377	0.1428	18	-0.29	6%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0650	2.265	0.3300	2.338	0.9377	0.1428	18	-0.08	2%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0652	2.400	0.0000	2.338	0.9377	0.1428	18	0.07	1%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	2076	2.895	0.0703	2.338	0.9377	0.1428	18	0.59	12%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0229	2.915	0.2300	2.338	0.9377	0.1428	18	0.62	12%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0541	3.075	0.0300	2.338	0.9377	0.1428	18	0.79	16%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0202	3.135	0.2500	2.338	0.9377	0.1428	18	0.85	17%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	2150	3.390	0.0200	2.338	0.9377	0.1428	18	1.12	22%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0309	3.539	0.1103	2.338	0.9377	0.1428	18	1.28	26%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0618	3.632	0.3205	2.338	0.9377	0.1428	18	1.38	28%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0675	1.590	0.2800	2.750	0.5899	0.1820	17	-1.97	21%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0682	1.970	0.0000	2.750	0.5899	0.1820	17	-1.32	14%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0914	2.360	0.1600	2.750	0.5899	0.1820	17	-0.66	7%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0098	2.380	0.0600	2.750	0.5899	0.1820	17	-0.63	7%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0643	2.390	0.3000	2.750	0.5899	0.1820	17	-0.61	7%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0148	2.400	0.0200	2.750	0.5899	0.1820	17	-0.59	6%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0853	2.500	0.2000	2.750	0.5899	0.1820	17	-0.42	5%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0354	2.655	0.5100	2.750	0.5899	0.1820	17	-0.16	2%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0870	2.760	0.0375	2.750	0.5899	0.1820	17	0.02	0%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	2058	2.760	0.2000	2.750	0.5899	0.1820	17	0.02	0%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0171	2.825	0.4500	2.750	0.5899	0.1820	17	0.13	1%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0164	2.970	0.0000	2.750	0.5899	0.1820	17	0.37	4%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0676	3.030	0.1200	2.750	0.5899	0.1820	17	0.47	5%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0553	3.265	0.0700	2.750	0.5899	0.1820	17	0.87	9%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	2259	3.352	0.1010	2.750	0.5899	0.1820	17	1.02	11%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0407	3.795	0.5700	2.750	0.5899	0.1820	17	1.77	19%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0921	4.067	0.0160	2.750	0.5899	0.1820	17	2.23	24%	0
013.08	Fat, Base Pretreat, Roese-Gottlieb Modified (%)	0618	1.562	0.1862				1			0
013.10	Fat, Acid Pretreat, Soxtec-Acid Hydrolysis (%)	0638	0.6000	0.0000	0.8166	0.1767	0.0646	4			0
013.10	Fat, Acid Pretreat, Soxtec-Acid Hydrolysis (%)	0036	0.7514	0.1484	0.8166	0.1767	0.0646	4			0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
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013.10	Fat, Acid Pretreat, Soxtec-Acid Hydrolysis (%)	2268	0.9200	0.0200	0.8166	0.1767	0.0646	4			0
013.10	Fat, Acid Pretreat, Soxtec-Acid Hydrolysis (%)	0353	0.9950	0.0900	0.8166	0.1767	0.0646	4			0
013.12	Fat, Acid Pretreat, NIR- Acid Hydrolysis (%)	2290	1.950	0.1000				1			0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0683	1.145	0.0900	2.123	0.9939	0.1504	6	-0.98	23%	0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0968	1.300	0.2200	2.123	0.9939	0.1504	6	-0.83	19%	0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0581	1.800	0.2000	2.123	0.9939	0.1504	6	-0.32	8%	0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0843	2.285	0.0900	2.123	0.9939	0.1504	6	0.16	4%	0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0265	2.825	0.2500	2.123	0.9939	0.1504	6	0.71	17%	0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0407	3.381	0.0525	2.123	0.9939	0.1504	6	1.27	30%	0
015.41	Aluminum, ICP, Dry ash (ppm)	0049	12.92	1.220	15.23	1.787	0.6973	5			0
015.41	Aluminum, ICP, Dry ash (ppm)	0164	14.00	0.0000	15.23	1.787	0.6973	5			0
015.41	Aluminum, ICP, Dry ash (ppm)	0407	15.57	0.4465	15.23	1.787	0.6973	5			0
015.41	Aluminum, ICP, Dry ash (ppm)	0123	16.20	0.2000	15.23	1.787	0.6973	5			0
015.41	Aluminum, ICP, Dry ash (ppm)	0520	17.44	1.620	15.23	1.787	0.6973	5			0
015.41	Aluminum, ICP, Dry ash (ppm)	0171	64.76	26.53	15.23	1.787	0.6973	5			1
015.42	Aluminum, ICP, Open vessel (ppm)	0037	5.150	5.100				2			0
015.42	Aluminum, ICP, Open vessel (ppm)	2129	238.6	4.200				2			0
015.43	Aluminum, ICP, Microwave (ppm)	0297	6.000	2.000	15.07	5.111	0.6874	5			0
015.43	Aluminum, ICP, Microwave (ppm)	0345	16.60	0.4000	15.07	5.111	0.6874	5			0
015.43	Aluminum, ICP, Microwave (ppm)	0964	17.10	0.2000	15.07	5.111	0.6874	5			0
015.43	Aluminum, ICP, Microwave (ppm)	0169	17.30	0.8000	15.07	5.111	0.6874	5			0
015.43	Aluminum, ICP, Microwave (ppm)	0407	18.35	0.0369	15.07	5.111	0.6874	5			0
015.43	Aluminum, ICP, Microwave (ppm)	0353	59.50	9.000	15.07	5.111	0.6874	5			1
015.43	Aluminum, ICP, Microwave (ppm)	0425	< 10		15.07	5.111	0.6874	5			5
015.53	Aluminum, ICP-MS, Microwave (ppm)	0407	14.13	0.0290				2			0
015.53	Aluminum, ICP-MS, Microwave (ppm)	0553	15.50	1.000				2			0
017.41	Boron, ICP, Dry ash (ppm)	0226	30.76	0.3600	33.46	2.848	1.219	4			0
017.41	Boron, ICP, Dry ash (ppm)	0229	31.26	2.500	33.46	2.848	1.219	4			0
017.41	Boron, ICP, Dry ash (ppm)	0407	35.67	0.0458	33.46	2.848	1.219	4			0
017.41	Boron, ICP, Dry ash (ppm)	0049	36.17	1.970	33.46	2.848	1.219	4			0
017.42	Boron, ICP, Open vessel (ppm)	0693	32.83	0.2880				3			0
017.42	Boron, ICP, Open vessel (ppm)	0265	35.25	0.9000				3			0
017.42	Boron, ICP, Open vessel (ppm)	0037	35.35	0.1000				3			0
017.42	Boron, ICP, Open vessel (ppm)	0045	36.35	2.500				3			1
017.42	Boron, ICP, Open vessel (ppm)	2129	6.200	0.2000				3			2
017.43	Boron, ICP, Microwave (ppm)	0297	21.00	2.000	35.55	5.796	1.205	7	-2.51	20%	0
017.43	Boron, ICP, Microwave (ppm)	0345	33.55	0.1000	35.55	5.796	1.205	7	-0.34	3%	0
017.43	Boron, ICP, Microwave (ppm)	0407	34.35	0.5257	35.55	5.796	1.205	7	-0.21	2%	0
017.43	Boron, ICP, Microwave (ppm)	0918	35.09	0.7100	35.55	5.796	1.205	7	-0.08	1%	0
017.43	Boron, ICP, Microwave (ppm)	0510	37.00	0.0000	35.55	5.796	1.205	7	0.25	2%	0
017.43	Boron, ICP, Microwave (ppm)	0083	37.75	0.1000	35.55	5.796	1.205	7	0.38	3%	0
017.43	Boron, ICP, Microwave (ppm)	0353	48.50	5.000	35.55	5.796	1.205	7	2.23	18%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
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017.44	Boron, ICP, Dry ash (ppm)	0123	9.180	0.1000				1			0
017.53	Boron, ICP-MS, Microwave (ppm)	0407	37.56	1.848				1			0
019.00	Calcium, Ox-Mn04 Vol. (%)	2006	0.1905	0.0110	0.3214	0.0971	0.0203	4			0
019.00	Calcium, Ox-Mn04 Vol. (%)	2022	0.3300	0.0200	0.3214	0.0971	0.0203	4			0
019.00	Calcium, Ox-Mn04 Vol. (%)	2302	0.3400	0.0000	0.3214	0.0971	0.0203	4			0
019.00	Calcium, Ox-Mn04 Vol. (%)	2181	0.4250	0.0500	0.3214	0.0971	0.0203	4			0
019.02	Calcium, Hach Method (%)	0536	0.3250	0.0300				1			0
019.08	Calcium, EDTA (%)	2190	0.3555	0.0102				3			0
019.08	Calcium, EDTA (%)	2188	0.3800	0.0000				3			0
019.08	Calcium, EDTA (%)	2193	0.4350	0.0100				3			0
019.08	Calcium, EDTA (%)	0852	0.2500	0.1000				3			1
019.09	Calcium, Ion-selective electrode (%)	2006	0.2100	0.0200				1			0
019.31	Calcium, AAS, Dry ash (%)	0921	0.0465	0.0010	0.3208	0.0285	0.0258	10	-9.61	43%	0
019.31	Calcium, AAS, Dry ash (%)	0687	0.3000	0.1000	0.3208	0.0285	0.0258	10	-0.73	3%	0
019.31	Calcium, AAS, Dry ash (%)	0884	0.3000	0.0000	0.3208	0.0285	0.0258	10	-0.73	3%	0
019.31	Calcium, AAS, Dry ash (%)	2246	0.3150	0.0100	0.3208	0.0285	0.0258	10	-0.20	1%	0
019.31	Calcium, AAS, Dry ash (%)	0563	0.3215	0.0130	0.3208	0.0285	0.0258	10	0.02	0%	0
019.31	Calcium, AAS, Dry ash (%)	0529	0.3250	0.0100	0.3208	0.0285	0.0258	10	0.15	1%	0
019.31	Calcium, AAS, Dry ash (%)	0536	0.3250	0.0100	0.3208	0.0285	0.0258	10	0.15	1%	0
019.31	Calcium, AAS, Dry ash (%)	0651	0.3260	0.0124	0.3208	0.0285	0.0258	10	0.18	1%	0
019.31	Calcium, AAS, Dry ash (%)	2097	0.3539	0.0479	0.3208	0.0285	0.0258	10	1.16	5%	0
019.31	Calcium, AAS, Dry ash (%)	0142	0.3637	0.0532	0.3208	0.0285	0.0258	10	1.50	7%	0
019.32	Calcium, AAS, Open vessel (%)	0169	0.3800	0.0200				1			0
019.41	Calcium, ICP, Dry ash (%)	0229	0.2800	0.0400	0.3234	0.0192	0.0097	17	-2.26	7%	0
019.41	Calcium, ICP, Dry ash (%)	0171	0.3000	0.0000	0.3234	0.0192	0.0097	17	-1.22	4%	0
019.41	Calcium, ICP, Dry ash (%)	0910	0.3000	0.0000	0.3234	0.0192	0.0097	17	-1.22	4%	0
019.41	Calcium, ICP, Dry ash (%)	0004	0.3150	0.0100	0.3234	0.0192	0.0097	17	-0.44	1%	0
019.41	Calcium, ICP, Dry ash (%)	0598	0.3153	0.0024	0.3234	0.0192	0.0097	17	-0.42	1%	0
019.41	Calcium, ICP, Dry ash (%)	0520	0.3165	0.0090	0.3234	0.0192	0.0097	17	-0.36	1%	0
019.41	Calcium, ICP, Dry ash (%)	0049	0.3200	0.0000	0.3234	0.0192	0.0097	17	-0.18	1%	0
019.41	Calcium, ICP, Dry ash (%)	0098	0.3200	0.0000	0.3234	0.0192	0.0097	17	-0.18	1%	0
019.41	Calcium, ICP, Dry ash (%)	0208	0.3215	0.0090	0.3234	0.0192	0.0097	17	-0.10	0%	0
019.41	Calcium, ICP, Dry ash (%)	0653	0.3225	0.0010	0.3234	0.0192	0.0097	17	-0.05	0%	0
019.41	Calcium, ICP, Dry ash (%)	0144	0.3250	0.0100	0.3234	0.0192	0.0097	17	0.08	0%	0
019.41	Calcium, ICP, Dry ash (%)	0148	0.3260	0.0300	0.3234	0.0192	0.0097	17	0.14	0%	0
019.41	Calcium, ICP, Dry ash (%)	0226	0.3350	0.0100	0.3234	0.0192	0.0097	17	0.60	2%	0
019.41	Calcium, ICP, Dry ash (%)	0407	0.3370	0.0200	0.3234	0.0192	0.0097	17	0.71	2%	0
019.41	Calcium, ICP, Dry ash (%)	0354	0.3450	0.0100	0.3234	0.0192	0.0097	17	1.12	3%	0
019.41	Calcium, ICP, Dry ash (%)	2259	0.3565	0.0030	0.3234	0.0192	0.0097	17	1.72	5%	0
019.41	Calcium, ICP, Dry ash (%)	0685	0.3950	0.0100	0.3234	0.0192	0.0097	17	3.73	11%	0
019.41	Calcium, ICP, Dry ash (%)	0123	0.3500	0.0800	0.3234	0.0192	0.0097	17	1.38	4%	1
019.42	Calcium, ICP, Open vessel (%)	0870	0.3039	0.0024	0.3350	0.0149	0.0104	15	-2.08	5%	0

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019.42	Calcium, ICP, Open vessel (%)	0693	0.3185	0.0050	0.3350	0.0149	0.0104	15	-1.11	2%	0
019.42	Calcium, ICP, Open vessel (%)	0045	0.3195	0.0310	0.3350	0.0149	0.0104	15	-1.04	2%	0
019.42	Calcium, ICP, Open vessel (%)	0263	0.3245	0.0070	0.3350	0.0149	0.0104	15	-0.70	2%	0
019.42	Calcium, ICP, Open vessel (%)	0037	0.3285	0.0010	0.3350	0.0149	0.0104	15	-0.44	1%	0
019.42	Calcium, ICP, Open vessel (%)	0035	0.3300	0.0000	0.3350	0.0149	0.0104	15	-0.33	1%	0
019.42	Calcium, ICP, Open vessel (%)	0278	0.3300	0.0000	0.3350	0.0149	0.0104	15	-0.33	1%	0
019.42	Calcium, ICP, Open vessel (%)	0366	0.3350	0.0100	0.3350	0.0149	0.0104	15	0.00	0%	0
019.42	Calcium, ICP, Open vessel (%)	0357	0.3389	0.0039	0.3350	0.0149	0.0104	15	0.26	1%	0
019.42	Calcium, ICP, Open vessel (%)	0726	0.3400	0.0000	0.3350	0.0149	0.0104	15	0.34	1%	0
019.42	Calcium, ICP, Open vessel (%)	0186	0.3435	0.0390	0.3350	0.0149	0.0104	15	0.57	1%	0
019.42	Calcium, ICP, Open vessel (%)	0692	0.3450	0.0100	0.3350	0.0149	0.0104	15	0.67	1%	0
019.42	Calcium, ICP, Open vessel (%)	0042	0.3490	0.0060	0.3350	0.0149	0.0104	15	0.94	2%	0
019.42	Calcium, ICP, Open vessel (%)	0190	0.3550	0.0100	0.3350	0.0149	0.0104	15	1.34	3%	0
019.42	Calcium, ICP, Open vessel (%)	0265	0.3550	0.0300	0.3350	0.0149	0.0104	15	1.34	3%	0
019.42	Calcium, ICP, Open vessel (%)	2319	0.2255	0.1830	0.3350	0.0149	0.0104	15	-7.34	16%	1
019.42	Calcium, ICP, Open vessel (%)	2129	5.500	0.0000	0.3350	0.0149	0.0104	15	346.13	771%	2
019.43	Calcium, ICP, Microwave (%)	0968	0.2845	0.0030	0.3262	0.0215	0.0092	23	-1.94	6%	0
019.43	Calcium, ICP, Microwave (%)	0425	0.3000	0.0400	0.3262	0.0215	0.0092	23	-1.22	4%	0
019.43	Calcium, ICP, Microwave (%)	0300	0.3014	0.0039	0.3262	0.0215	0.0092	23	-1.16	4%	0
019.43	Calcium, ICP, Microwave (%)	0870	0.3062	0.0028	0.3262	0.0215	0.0092	23	-0.93	3%	0
019.43	Calcium, ICP, Microwave (%)	2192	0.3100	0.0400	0.3262	0.0215	0.0092	23	-0.75	2%	0
019.43	Calcium, ICP, Microwave (%)	0033	0.3120	0.0020	0.3262	0.0215	0.0092	23	-0.66	2%	0
019.43	Calcium, ICP, Microwave (%)	0510	0.3150	0.0100	0.3262	0.0215	0.0092	23	-0.52	2%	0
019.43	Calcium, ICP, Microwave (%)	0511	0.3150	0.0100	0.3262	0.0215	0.0092	23	-0.52	2%	0
019.43	Calcium, ICP, Microwave (%)	0876	0.3170	0.0120	0.3262	0.0215	0.0092	23	-0.43	1%	0
019.43	Calcium, ICP, Microwave (%)	0918	0.3190	0.0020	0.3262	0.0215	0.0092	23	-0.33	1%	0
019.43	Calcium, ICP, Microwave (%)	0083	0.3200	0.0000	0.3262	0.0215	0.0092	23	-0.29	1%	0
019.43	Calcium, ICP, Microwave (%)	0297	0.3200	0.0200	0.3262	0.0215	0.0092	23	-0.29	1%	0
019.43	Calcium, ICP, Microwave (%)	0345	0.3265	0.0070	0.3262	0.0215	0.0092	23	0.01	0%	0
019.43	Calcium, ICP, Microwave (%)	0098	0.3300	0.0000	0.3262	0.0215	0.0092	23	0.18	1%	0
019.43	Calcium, ICP, Microwave (%)	0010	0.3350	0.0100	0.3262	0.0215	0.0092	23	0.41	1%	0
019.43	Calcium, ICP, Microwave (%)	0407	0.3384	0.0094	0.3262	0.0215	0.0092	23	0.57	2%	0
019.43	Calcium, ICP, Microwave (%)	0035	0.3400	0.0000	0.3262	0.0215	0.0092	23	0.64	2%	0
019.43	Calcium, ICP, Microwave (%)	2089	0.3400	0.0000	0.3262	0.0215	0.0092	23	0.64	2%	0
019.43	Calcium, ICP, Microwave (%)	0964	0.3447	0.0006	0.3262	0.0215	0.0092	23	0.86	3%	0
019.43	Calcium, ICP, Microwave (%)	0353	0.3500	0.0200	0.3262	0.0215	0.0092	23	1.11	4%	0
019.43	Calcium, ICP, Microwave (%)	0202	0.3550	0.0100	0.3262	0.0215	0.0092	23	1.34	4%	0
019.43	Calcium, ICP, Microwave (%)	2326	0.3550	0.0100	0.3262	0.0215	0.0092	23	1.34	4%	0
019.43	Calcium, ICP, Microwave (%)	0682	0.3700	0.0000	0.3262	0.0215	0.0092	23	2.04	7%	0
019.44	Calcium, ICP, Dry ash (%)	0164	0.3200	0.0080				1			0
019.52	Calcium, ICP-MS, Open vessel (%)	0186	0.3187	0.0118				2			0
019.52	Calcium, ICP-MS, Open vessel (%)	0154	0.3243	0.0098				2			0



Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
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019.53	Calcium, ICP-MS, Microwave (%)	0407	0.2987	0.0025				3			0
019.53	Calcium, ICP-MS, Microwave (%)	0553	0.3150	0.0020				3			0
019.53	Calcium, ICP-MS, Microwave (%)	0939	0.3300	0.0000				3			0
019.53	Calcium, ICP-MS, Microwave (%)	0572	0.3260	0.0720				3			1
019.99	Calcium, Miscellaneous (%)	0242	0.2900	0.0000				3			0
019.99	Calcium, Miscellaneous (%)	0676	0.3050	0.0100				3			0
019.99	Calcium, Miscellaneous (%)	0100	0.3350	0.0100				3			0
021.31	Cobalt, AAS, Dry ash (ppm)	0164	< 0.75					0			5
021.41	Cobalt, ICP, Dry ash (ppm)	0123	0.2250	0.0500				3			0
021.41	Cobalt, ICP, Dry ash (ppm)	0171	0.2300	0.0020				3			0
021.41	Cobalt, ICP, Dry ash (ppm)	0407	0.4069	0.0193				3			0
021.42	Cobalt, ICP, Open vessel (ppm)	0045	0.5155	0.0050				1			0
021.43	Cobalt, ICP, Microwave (ppm)	2326	0.1550	0.0300	0.3655	0.2481	0.0269	4			0
021.43	Cobalt, ICP, Microwave (ppm)	0510	0.2900	0.0400	0.3655	0.2481	0.0269	4			0
021.43	Cobalt, ICP, Microwave (ppm)	0407	0.2920	0.0075	0.3655	0.2481	0.0269	4			0
021.43	Cobalt, ICP, Microwave (ppm)	0169	0.7250	0.0300	0.3655	0.2481	0.0269	4			0
021.43	Cobalt, ICP, Microwave (ppm)	0353	0.7100	0.9400	0.3655	0.2481	0.0269	4			1
021.43	Cobalt, ICP, Microwave (ppm)	0682	< 1		0.3655	0.2481	0.0269	4			5
021.52	Cobalt, ICP-MS, Open vessel (ppm)	0186	< 0.5					0			5
021.53	Cobalt, ICP-MS, Microwave (ppm)	0553	0.2660	0.0020				3			0
021.53	Cobalt, ICP-MS, Microwave (ppm)	0939	0.2700	0.0200				3			0
021.53	Cobalt, ICP-MS, Microwave (ppm)	0407	0.2794	0.0042				3			0
022.31	Copper, AAS, Dry ash (ppm)	0536	6.560	0.3400	15.40	5.415	0.6560	5			0
022.31	Copper, AAS, Dry ash (ppm)	0921	14.96	0.9600	15.40	5.415	0.6560	5			0
022.31	Copper, AAS, Dry ash (ppm)	0529	16.75	1.500	15.40	5.415	0.6560	5			0
022.31	Copper, AAS, Dry ash (ppm)	2188	17.70	0.3500	15.40	5.415	0.6560	5			0
022.31	Copper, AAS, Dry ash (ppm)	0651	21.05	0.1302	15.40	5.415	0.6560	5			0
022.31	Copper, AAS, Dry ash (ppm)	2097	205.5	13.00	15.40	5.415	0.6560	5			1
022.33	Copper, AAS, Microwave (ppm)	0010	14.30	0.8000				1			0
022.41	Copper, ICP, Dry ash (ppm)	0598	11.27	0.0001	14.00	2.259	0.5462	18	-1.21	10%	0
022.41	Copper, ICP, Dry ash (ppm)	0653	11.34	0.0500	14.00	2.259	0.5462	18	-1.18	10%	0
022.41	Copper, ICP, Dry ash (ppm)	0123	11.40	0.4000	14.00	2.259	0.5462	18	-1.15	9%	0
022.41	Copper, ICP, Dry ash (ppm)	0520	12.17	0.2760	14.00	2.259	0.5462	18	-0.81	7%	0
022.41	Copper, ICP, Dry ash (ppm)	0848	12.50	0.1700	14.00	2.259	0.5462	18	-0.66	5%	0
022.41	Copper, ICP, Dry ash (ppm)	0407	12.73	0.0300	14.00	2.259	0.5462	18	-0.56	5%	0
022.41	Copper, ICP, Dry ash (ppm)	0229	13.10	1.470	14.00	2.259	0.5462	18	-0.40	3%	0
022.41	Copper, ICP, Dry ash (ppm)	0910	13.50	1.000	14.00	2.259	0.5462	18	-0.22	2%	0
022.41	Copper, ICP, Dry ash (ppm)	0004	13.98	0.1500	14.00	2.259	0.5462	18	-0.01	0%	0
022.41	Copper, ICP, Dry ash (ppm)	0208	14.01	0.1000	14.00	2.259	0.5462	18	0.01	0%	0
022.41	Copper, ICP, Dry ash (ppm)	0674	14.24	0.0000	14.00	2.259	0.5462	18	0.11	1%	0
022.41	Copper, ICP, Dry ash (ppm)	0019	14.26	0.3000	14.00	2.259	0.5462	18	0.12	1%	0
022.41	Copper, ICP, Dry ash (ppm)	0098	14.60	0.4000	14.00	2.259	0.5462	18	0.27	2%	0

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022.41	Copper, ICP, Dry ash (ppm)	0049	14.89	0.7900	14.00	2.259	0.5462	18	0.39	3%	0
022.41	Copper, ICP, Dry ash (ppm)	0148	16.33	2.206	14.00	2.259	0.5462	18	1.03	8%	0
022.41	Copper, ICP, Dry ash (ppm)	0226	16.88	0.3300	14.00	2.259	0.5462	18	1.27	10%	0
022.41	Copper, ICP, Dry ash (ppm)	0171	17.66	0.9300	14.00	2.259	0.5462	18	1.62	13%	0
022.41	Copper, ICP, Dry ash (ppm)	0354	23.91	1.230	14.00	2.259	0.5462	18	4.39	35%	0
022.42	Copper, ICP, Open vessel (ppm)	0186	12.00	0.0000	13.89	0.8224	0.2436	19	-2.29	7%	0
022.42	Copper, ICP, Open vessel (ppm)	0870	12.66	0.3500	13.89	0.8224	0.2436	19	-1.50	4%	0
022.42	Copper, ICP, Open vessel (ppm)	2129	13.15	0.3000	13.89	0.8224	0.2436	19	-0.89	3%	0
022.42	Copper, ICP, Open vessel (ppm)	0263	13.37	0.0930	13.89	0.8224	0.2436	19	-0.63	2%	0
022.42	Copper, ICP, Open vessel (ppm)	0726	13.38	0.0800	13.89	0.8224	0.2436	19	-0.61	2%	0
022.42	Copper, ICP, Open vessel (ppm)	2319	13.50	0.2000	13.89	0.8224	0.2436	19	-0.47	1%	0
022.42	Copper, ICP, Open vessel (ppm)	0037	13.60	0.4000	13.89	0.8224	0.2436	19	-0.35	1%	0
022.42	Copper, ICP, Open vessel (ppm)	0045	13.70	0.4000	13.89	0.8224	0.2436	19	-0.23	1%	0
022.42	Copper, ICP, Open vessel (ppm)	0009	13.85	0.3000	13.89	0.8224	0.2436	19	-0.04	0%	0
022.42	Copper, ICP, Open vessel (ppm)	0692	13.90	0.4000	13.89	0.8224	0.2436	19	0.02	0%	0
022.42	Copper, ICP, Open vessel (ppm)	0265	13.90	0.2000	13.89	0.8224	0.2436	19	0.02	0%	0
022.42	Copper, ICP, Open vessel (ppm)	0035	14.00	0.0000	13.89	0.8224	0.2436	19	0.14	0%	0
022.42	Copper, ICP, Open vessel (ppm)	0366	14.00	0.0000	13.89	0.8224	0.2436	19	0.14	0%	0
022.42	Copper, ICP, Open vessel (ppm)	0357	14.09	0.0460	13.89	0.8224	0.2436	19	0.24	1%	0
022.42	Copper, ICP, Open vessel (ppm)	0278	14.25	0.5000	13.89	0.8224	0.2436	19	0.44	1%	0
022.42	Copper, ICP, Open vessel (ppm)	0693	14.48	0.7790	13.89	0.8224	0.2436	19	0.73	2%	0
022.42	Copper, ICP, Open vessel (ppm)	0190	15.11	0.0800	13.89	0.8224	0.2436	19	1.49	4%	0
022.42	Copper, ICP, Open vessel (ppm)	0685	16.24	0.4000	13.89	0.8224	0.2436	19	2.86	8%	0
022.42	Copper, ICP, Open vessel (ppm)	0042	17.15	0.1000	13.89	0.8224	0.2436	19	3.97	12%	0
022.43	Copper, ICP, Microwave (ppm)	0511	11.50	1.000	14.42	1.324	0.5701	22	-2.21	10%	0
022.43	Copper, ICP, Microwave (ppm)	0968	12.45	0.1050	14.42	1.324	0.5701	22	-1.49	7%	0
022.43	Copper, ICP, Microwave (ppm)	0345	13.45	0.5000	14.42	1.324	0.5701	22	-0.73	3%	0
022.43	Copper, ICP, Microwave (ppm)	0425	13.45	0.2600	14.42	1.324	0.5701	22	-0.73	3%	0
022.43	Copper, ICP, Microwave (ppm)	0297	13.50	1.000	14.42	1.324	0.5701	22	-0.70	3%	0
022.43	Copper, ICP, Microwave (ppm)	0033	13.58	0.1600	14.42	1.324	0.5701	22	-0.64	3%	0
022.43	Copper, ICP, Microwave (ppm)	0918	13.66	0.3500	14.42	1.324	0.5701	22	-0.58	3%	0
022.43	Copper, ICP, Microwave (ppm)	0407	13.66	0.0382	14.42	1.324	0.5701	22	-0.58	3%	0
022.43	Copper, ICP, Microwave (ppm)	0098	13.96	0.0700	14.42	1.324	0.5701	22	-0.35	2%	0
022.43	Copper, ICP, Microwave (ppm)	0035	14.00	0.0000	14.42	1.324	0.5701	22	-0.32	1%	0
022.43	Copper, ICP, Microwave (ppm)	0083	14.00	0.0000	14.42	1.324	0.5701	22	-0.32	1%	0
022.43	Copper, ICP, Microwave (ppm)	0027	14.41	0.1690	14.42	1.324	0.5701	22	-0.01	0%	0
022.43	Copper, ICP, Microwave (ppm)	0202	14.50	0.2000	14.42	1.324	0.5701	22	0.06	0%	0
022.43	Copper, ICP, Microwave (ppm)	0682	14.80	0.0000	14.42	1.324	0.5701	22	0.29	1%	0
022.43	Copper, ICP, Microwave (ppm)	2326	14.90	0.6600	14.42	1.324	0.5701	22	0.36	2%	0
022.43	Copper, ICP, Microwave (ppm)	0870	15.18	0.2700	14.42	1.324	0.5701	22	0.57	3%	0
022.43	Copper, ICP, Microwave (ppm)	0964	15.30	2.000	14.42	1.324	0.5701	22	0.66	3%	0
022.43	Copper, ICP, Microwave (ppm)	0169	15.35	0.1000	14.42	1.324	0.5701	22	0.70	3%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
022.43	Copper, ICP, Microwave (ppm)	0510	15.50	1.000	14.42	1.324	0.5701	22	0.81	4%	0
022.43	Copper, ICP, Microwave (ppm)	0505	17.43	1.040	14.42	1.324	0.5701	22	2.27	10%	0
022.43	Copper, ICP, Microwave (ppm)	0353	18.00	2.000	14.42	1.324	0.5701	22	2.70	12%	0
022.43	Copper, ICP, Microwave (ppm)	2089	19.43	1.620	14.42	1.324	0.5701	22	3.78	17%	0
022.43	Copper, ICP, Microwave (ppm)	0011	60.00	5.600	14.42	1.324	0.5701	22	34.44	158%	2
022.44	Copper, ICP, Dry ash (ppm)	0164	12.50	1.000				2			0
022.44	Copper, ICP, Dry ash (ppm)	0066	14.57	0.6070				2			0
022.52	Copper, ICP-MS, Open vessel (ppm)	0186	14.50	1.000				2			0
022.52	Copper, ICP-MS, Open vessel (ppm)	0047	20.93	2.720				2			0
022.53	Copper, ICP-MS, Microwave (ppm)	0939	13.94	1.280	14.24	0.4869	1.056	4			0
022.53	Copper, ICP-MS, Microwave (ppm)	0572	13.95	0.9000	14.24	0.4869	1.056	4			0
022.53	Copper, ICP-MS, Microwave (ppm)	0553	14.10	0.4000	14.24	0.4869	1.056	4			0
022.53	Copper, ICP-MS, Microwave (ppm)	0407	14.96	1.645	14.24	0.4869	1.056	4			0
022.99	Copper, Miscellaneous (ppm)	0242	11.50	1.000				3			0
022.99	Copper, Miscellaneous (ppm)	0100	12.50	1.000				3			0
022.99	Copper, Miscellaneous (ppm)	2302	14.50	1.000				3			0
025.31	Iron, AAS, Dry ash (ppm)	0651	69.70	2.980	91.01	15.49	2.187	6	-1.38	12%	0
025.31	Iron, AAS, Dry ash (ppm)	0921	88.65	5.070	91.01	15.49	2.187	6	-0.15	1%	0
025.31	Iron, AAS, Dry ash (ppm)	2188	89.46	0.2700	91.01	15.49	2.187	6	-0.10	1%	0
025.31	Iron, AAS, Dry ash (ppm)	0563	89.66	1.974	91.01	15.49	2.187	6	-0.09	1%	0
025.31	Iron, AAS, Dry ash (ppm)	0529	96.70	0.6000	91.01	15.49	2.187	6	0.37	3%	0
025.31	Iron, AAS, Dry ash (ppm)	0536	111.9	2.230	91.01	15.49	2.187	6	1.35	11%	0
025.31	Iron, AAS, Dry ash (ppm)	2097	152.5	19.00	91.01	15.49	2.187	6	3.97	34%	1
025.41	Iron, ICP, Dry ash (ppm)	0123	78.60	9.400	90.27	6.361	2.325	18	-1.83	6%	0
025.41	Iron, ICP, Dry ash (ppm)	0598	80.26	1.065	90.27	6.361	2.325	18	-1.57	6%	0
025.41	Iron, ICP, Dry ash (ppm)	0910	84.00	4.000	90.27	6.361	2.325	18	-0.99	3%	0
025.41	Iron, ICP, Dry ash (ppm)	0066	85.58	0.9200	90.27	6.361	2.325	18	-0.74	3%	0
025.41	Iron, ICP, Dry ash (ppm)	0653	86.32	0.0400	90.27	6.361	2.325	18	-0.62	2%	0
025.41	Iron, ICP, Dry ash (ppm)	0019	86.97	0.8300	90.27	6.361	2.325	18	-0.52	2%	0
025.41	Iron, ICP, Dry ash (ppm)	0164	88.00	2.000	90.27	6.361	2.325	18	-0.36	1%	0
025.41	Iron, ICP, Dry ash (ppm)	0520	90.83	6.261	90.27	6.361	2.325	18	0.09	0%	0
025.41	Iron, ICP, Dry ash (ppm)	0208	90.83	1.240	90.27	6.361	2.325	18	0.09	0%	0
025.41	Iron, ICP, Dry ash (ppm)	0407	91.06	0.4770	90.27	6.361	2.325	18	0.12	0%	0
025.41	Iron, ICP, Dry ash (ppm)	0171	91.13	1.570	90.27	6.361	2.325	18	0.13	0%	0
025.41	Iron, ICP, Dry ash (ppm)	0098	91.54	0.0800	90.27	6.361	2.325	18	0.20	1%	0
025.41	Iron, ICP, Dry ash (ppm)	0226	92.51	2.080	90.27	6.361	2.325	18	0.35	1%	0
025.41	Iron, ICP, Dry ash (ppm)	0004	93.00	1.430	90.27	6.361	2.325	18	0.43	2%	0
025.41	Iron, ICP, Dry ash (ppm)	0148	95.26	3.055	90.27	6.361	2.325	18	0.78	3%	0
025.41	Iron, ICP, Dry ash (ppm)	0354	98.10	4.710	90.27	6.361	2.325	18	1.23	4%	0
025.41	Iron, ICP, Dry ash (ppm)	0049	98.73	2.700	90.27	6.361	2.325	18	1.33	5%	0
025.41	Iron, ICP, Dry ash (ppm)	0674	99.55	0.0000	90.27	6.361	2.325	18	1.46	5%	0
025.41	Iron, ICP, Dry ash (ppm)	0229	97.47	14.47	90.27	6.361	2.325	18	1.13	4%	1

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
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025.42	Iron, ICP, Open vessel (ppm)	0037	45.80	10.80	91.92	7.045	3.172	14	-6.55	25%	0
025.42	Iron, ICP, Open vessel (ppm)	0265	83.65	0.9000	91.92	7.045	3.172	14	-1.17	4%	0
025.42	Iron, ICP, Open vessel (ppm)	0870	85.20	4.230	91.92	7.045	3.172	14	-0.95	4%	0
025.42	Iron, ICP, Open vessel (ppm)	2319	88.85	0.3000	91.92	7.045	3.172	14	-0.44	2%	0
025.42	Iron, ICP, Open vessel (ppm)	0263	89.57	0.0900	91.92	7.045	3.172	14	-0.33	1%	0
025.42	Iron, ICP, Open vessel (ppm)	0045	90.35	0.5000	91.92	7.045	3.172	14	-0.22	1%	0
025.42	Iron, ICP, Open vessel (ppm)	0278	90.50	3.000	91.92	7.045	3.172	14	-0.20	1%	0
025.42	Iron, ICP, Open vessel (ppm)	0693	92.54	1.142	91.92	7.045	3.172	14	0.09	0%	0
025.42	Iron, ICP, Open vessel (ppm)	0692	93.40	5.000	91.92	7.045	3.172	14	0.21	1%	0
025.42	Iron, ICP, Open vessel (ppm)	0726	94.33	0.0500	91.92	7.045	3.172	14	0.34	1%	0
025.42	Iron, ICP, Open vessel (ppm)	0035	95.00	10.00	91.92	7.045	3.172	14	0.44	2%	0
025.42	Iron, ICP, Open vessel (ppm)	0366	98.50	1.000	91.92	7.045	3.172	14	0.93	4%	0
025.42	Iron, ICP, Open vessel (ppm)	0190	101.1	1.400	91.92	7.045	3.172	14	1.30	5%	0
025.42	Iron, ICP, Open vessel (ppm)	0042	111.0	6.000	91.92	7.045	3.172	14	2.71	10%	0
025.42	Iron, ICP, Open vessel (ppm)	2129	517.4	9.300	91.92	7.045	3.172	14	60.39	231%	2
025.43	Iron, ICP, Microwave (ppm)	0505	63.96	6.660	91.46	8.618	1.300	23	-3.19	15%	0
025.43	Iron, ICP, Microwave (ppm)	0511	77.50	1.000	91.46	8.618	1.300	23	-1.62	8%	0
025.43	Iron, ICP, Microwave (ppm)	0297	79.00	0.0000	91.46	8.618	1.300	23	-1.45	7%	0
025.43	Iron, ICP, Microwave (ppm)	0682	82.81	0.0000	91.46	8.618	1.300	23	-1.00	5%	0
025.43	Iron, ICP, Microwave (ppm)	0968	84.74	0.2930	91.46	8.618	1.300	23	-0.78	4%	0
025.43	Iron, ICP, Microwave (ppm)	0876	86.80	2.600	91.46	8.618	1.300	23	-0.54	3%	0
025.43	Iron, ICP, Microwave (ppm)	0345	87.10	0.6000	91.46	8.618	1.300	23	-0.51	2%	0
025.43	Iron, ICP, Microwave (ppm)	0918	88.59	0.5600	91.46	8.618	1.300	23	-0.33	2%	0
025.43	Iron, ICP, Microwave (ppm)	0425	89.32	0.7000	91.46	8.618	1.300	23	-0.25	1%	0
025.43	Iron, ICP, Microwave (ppm)	0083	90.00	0.0000	91.46	8.618	1.300	23	-0.17	1%	0
025.43	Iron, ICP, Microwave (ppm)	0870	91.28	1.720	91.46	8.618	1.300	23	-0.02	0%	0
025.43	Iron, ICP, Microwave (ppm)	0033	92.03	0.5500	91.46	8.618	1.300	23	0.07	0%	0
025.43	Iron, ICP, Microwave (ppm)	0964	92.05	0.1000	91.46	8.618	1.300	23	0.07	0%	0
025.43	Iron, ICP, Microwave (ppm)	0027	93.02	0.4800	91.46	8.618	1.300	23	0.18	1%	0
025.43	Iron, ICP, Microwave (ppm)	0169	94.20	1.800	91.46	8.618	1.300	23	0.32	1%	0
025.43	Iron, ICP, Microwave (ppm)	0098	94.21	0.1200	91.46	8.618	1.300	23	0.32	2%	0
025.43	Iron, ICP, Microwave (ppm)	0013	95.70	1.400	91.46	8.618	1.300	23	0.49	2%	0
025.43	Iron, ICP, Microwave (ppm)	0510	97.50	3.000	91.46	8.618	1.300	23	0.70	3%	0
025.43	Iron, ICP, Microwave (ppm)	0035	99.50	1.000	91.46	8.618	1.300	23	0.93	4%	0
025.43	Iron, ICP, Microwave (ppm)	0407	100.2	1.838	91.46	8.618	1.300	23	1.02	5%	0
025.43	Iron, ICP, Microwave (ppm)	2326	101.0	2.000	91.46	8.618	1.300	23	1.11	5%	0
025.43	Iron, ICP, Microwave (ppm)	2192	103.0	2.000	91.46	8.618	1.300	23	1.34	6%	0
025.43	Iron, ICP, Microwave (ppm)	2089	135.8	1.470	91.46	8.618	1.300	23	5.15	24%	0
025.43	Iron, ICP, Microwave (ppm)	0353	159.5	9.000	91.46	8.618	1.300	23	7.90	37%	1
025.52	Iron, ICP-MS, Open vessel (ppm)	0154	76.63	3.071				2			0
025.52	Iron, ICP-MS, Open vessel (ppm)	0047	136.7	5.800				2			0
025.53	Iron, ICP-MS, Microwave (ppm)	0553	90.45	2.900				3			0



Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
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025.53	Iron, ICP-MS, Microwave (ppm)	0939	93.90	0.4300				3			0
025.53	Iron, ICP-MS, Microwave (ppm)	0407	97.02	8.035				3			0
025.99	Iron, Miscellaneous (ppm)	0242	81.50	1.000				3			0
025.99	Iron, Miscellaneous (ppm)	0100	89.00	2.000				3			0
025.99	Iron, Miscellaneous (ppm)	2302	100.5	1.000				3			0
027.31	Magnesium, AAS, Dry ash (%)	0529	0.2155	0.0070	0.2672	0.0359	0.0065	4			0
027.31	Magnesium, AAS, Dry ash (%)	0142	0.2711	0.0052	0.2672	0.0359	0.0065	4			0
027.31	Magnesium, AAS, Dry ash (%)	0563	0.2873	0.0036	0.2672	0.0359	0.0065	4			0
027.31	Magnesium, AAS, Dry ash (%)	0536	0.2950	0.0100	0.2672	0.0359	0.0065	4			0
027.32	Magnesium, AAS, Open vessel (%)	0169	0.3100	0.0200				1			0
027.33	Magnesium, AAS, Microwave (%)	0010	0.2750	0.0100				1			0
027.41	Magnesium, ICP, Dry ash (%)	0407	0.2407	0.0052	0.2762	0.0131	0.0112	14	-2.70	6%	0
027.41	Magnesium, ICP, Dry ash (%)	0910	0.2550	0.0100	0.2762	0.0131	0.0112	14	-1.61	4%	0
027.41	Magnesium, ICP, Dry ash (%)	0520	0.2640	0.0300	0.2762	0.0131	0.0112	14	-0.93	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0229	0.2700	0.0400	0.2762	0.0131	0.0112	14	-0.47	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0049	0.2750	0.0100	0.2762	0.0131	0.0112	14	-0.09	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0123	0.2750	0.0100	0.2762	0.0131	0.0112	14	-0.09	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0598	0.2752	0.0006	0.2762	0.0131	0.0112	14	-0.07	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0148	0.2780	0.0100	0.2762	0.0131	0.0112	14	0.14	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0004	0.2800	0.0200	0.2762	0.0131	0.0112	14	0.29	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0098	0.2800	0.0000	0.2762	0.0131	0.0112	14	0.29	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0226	0.2850	0.0100	0.2762	0.0131	0.0112	14	0.67	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0653	0.2855	0.0010	0.2762	0.0131	0.0112	14	0.71	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0354	0.2900	0.0000	0.2762	0.0131	0.0112	14	1.05	3%	0
027.41	Magnesium, ICP, Dry ash (%)	0171	0.3050	0.0100	0.2762	0.0131	0.0112	14	2.20	5%	0
027.42	Magnesium, ICP, Open vessel (%)	0278	0.2600	0.0000	0.2775	0.0125	0.0082	17	-1.41	3%	0
027.42	Magnesium, ICP, Open vessel (%)	0263	0.2620	0.0080	0.2775	0.0125	0.0082	17	-1.25	3%	0
027.42	Magnesium, ICP, Open vessel (%)	0265	0.2650	0.0100	0.2775	0.0125	0.0082	17	-1.00	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0870	0.2680	0.0044	0.2775	0.0125	0.0082	17	-0.76	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0045	0.2690	0.0120	0.2775	0.0125	0.0082	17	-0.68	2%	0
027.42	Magnesium, ICP, Open vessel (%)	2319	0.2700	0.0000	0.2775	0.0125	0.0082	17	-0.60	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0685	0.2750	0.0100	0.2775	0.0125	0.0082	17	-0.20	0%	0
027.42	Magnesium, ICP, Open vessel (%)	0186	0.2765	0.0130	0.2775	0.0125	0.0082	17	-0.08	0%	0
027.42	Magnesium, ICP, Open vessel (%)	0037	0.2770	0.0060	0.2775	0.0125	0.0082	17	-0.04	0%	0
027.42	Magnesium, ICP, Open vessel (%)	0692	0.2800	0.0200	0.2775	0.0125	0.0082	17	0.20	0%	0
027.42	Magnesium, ICP, Open vessel (%)	0726	0.2800	0.0000	0.2775	0.0125	0.0082	17	0.20	0%	0
027.42	Magnesium, ICP, Open vessel (%)	0357	0.2825	0.0001	0.2775	0.0125	0.0082	17	0.40	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0035	0.2850	0.0100	0.2775	0.0125	0.0082	17	0.60	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0366	0.2850	0.0100	0.2775	0.0125	0.0082	17	0.60	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0693	0.2915	0.0230	0.2775	0.0125	0.0082	17	1.12	3%	0
027.42	Magnesium, ICP, Open vessel (%)	0190	0.2950	0.0100	0.2775	0.0125	0.0082	17	1.40	3%	0
027.42	Magnesium, ICP, Open vessel (%)	0042	0.3095	0.0030	0.2775	0.0125	0.0082	17	2.57	6%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
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027.42	Magnesium, ICP, Open vessel (%)	2129	0.7541	0.0032	0.2775	0.0125	0.0082	17	38.27	86%	2
027.43	Magnesium, ICP, Microwave (%)	0407	0.2434	0.0025	0.2767	0.0182	0.0091	22	-1.83	6%	0
027.43	Magnesium, ICP, Microwave (%)	0425	0.2500	0.0200	0.2767	0.0182	0.0091	22	-1.47	5%	0
027.43	Magnesium, ICP, Microwave (%)	0968	0.2525	0.0030	0.2767	0.0182	0.0091	22	-1.33	4%	0
027.43	Magnesium, ICP, Microwave (%)	0083	0.2600	0.0000	0.2767	0.0182	0.0091	22	-0.92	3%	0
027.43	Magnesium, ICP, Microwave (%)	0511	0.2600	0.0200	0.2767	0.0182	0.0091	22	-0.92	3%	0
027.43	Magnesium, ICP, Microwave (%)	0870	0.2677	0.0041	0.2767	0.0182	0.0091	22	-0.50	2%	0
027.43	Magnesium, ICP, Microwave (%)	0300	0.2703	0.0372	0.2767	0.0182	0.0091	22	-0.35	1%	0
027.43	Magnesium, ICP, Microwave (%)	0202	0.2750	0.0100	0.2767	0.0182	0.0091	22	-0.09	0%	0
027.43	Magnesium, ICP, Microwave (%)	0297	0.2750	0.0300	0.2767	0.0182	0.0091	22	-0.09	0%	0
027.43	Magnesium, ICP, Microwave (%)	0353	0.2750	0.0100	0.2767	0.0182	0.0091	22	-0.09	0%	0
027.43	Magnesium, ICP, Microwave (%)	2192	0.2750	0.0100	0.2767	0.0182	0.0091	22	-0.09	0%	0
027.43	Magnesium, ICP, Microwave (%)	0345	0.2755	0.0050	0.2767	0.0182	0.0091	22	-0.07	0%	0
027.43	Magnesium, ICP, Microwave (%)	0033	0.2765	0.0010	0.2767	0.0182	0.0091	22	-0.01	0%	0
027.43	Magnesium, ICP, Microwave (%)	0098	0.2800	0.0000	0.2767	0.0182	0.0091	22	0.18	1%	0
027.43	Magnesium, ICP, Microwave (%)	2089	0.2800	0.0000	0.2767	0.0182	0.0091	22	0.18	1%	0
027.43	Magnesium, ICP, Microwave (%)	0918	0.2845	0.0030	0.2767	0.0182	0.0091	22	0.43	1%	0
027.43	Magnesium, ICP, Microwave (%)	0035	0.2900	0.0000	0.2767	0.0182	0.0091	22	0.73	2%	0
027.43	Magnesium, ICP, Microwave (%)	0876	0.2925	0.0230	0.2767	0.0182	0.0091	22	0.87	3%	0
027.43	Magnesium, ICP, Microwave (%)	0510	0.2950	0.0100	0.2767	0.0182	0.0091	22	1.01	3%	0
027.43	Magnesium, ICP, Microwave (%)	0964	0.2998	0.0024	0.2767	0.0182	0.0091	22	1.27	4%	0
027.43	Magnesium, ICP, Microwave (%)	0682	0.3000	0.0000	0.2767	0.0182	0.0091	22	1.28	4%	0
027.43	Magnesium, ICP, Microwave (%)	2326	0.3050	0.0100	0.2767	0.0182	0.0091	22	1.56	5%	0
027.44	Magnesium, ICP, Dry ash (%)	0164	0.2700	0.0080				1			0
027.52	Magnesium, ICP-MS, Open vessel (%)	0186	0.2710	0.0100				2			0
027.52	Magnesium, ICP-MS, Open vessel (%)	0154	0.2870	0.0009				2			0
027.53	Magnesium, ICP-MS, Microwave (%)	0939	0.2750	0.0300	0.2789	0.0045	0.0207	4			0
027.53	Magnesium, ICP-MS, Microwave (%)	0553	0.2760	0.0200	0.2789	0.0045	0.0207	4			0
027.53	Magnesium, ICP-MS, Microwave (%)	0407	0.2797	0.0106	0.2789	0.0045	0.0207	4			0
027.53	Magnesium, ICP-MS, Microwave (%)	0572	0.2850	0.0220	0.2789	0.0045	0.0207	4			0
027.99	Magnesium, Miscellaneous (%)	0242	0.2600	0.0000				2			0
027.99	Magnesium, Miscellaneous (%)	0100	0.2900	0.0000				2			0
028.31	Manganese, AAS, Dry ash (ppm)	0536	22.21	0.7100	38.76	1.778	1.364	7	-9.32	21%	0
028.31	Manganese, AAS, Dry ash (ppm)	0563	37.75	0.6700	38.76	1.778	1.364	7	-0.57	1%	0
028.31	Manganese, AAS, Dry ash (ppm)	0651	38.84	0.7397	38.76	1.778	1.364	7	0.04	0%	0
028.31	Manganese, AAS, Dry ash (ppm)	0529	39.00	1.800	38.76	1.778	1.364	7	0.13	0%	0
028.31	Manganese, AAS, Dry ash (ppm)	0208	39.10	3.000	38.76	1.778	1.364	7	0.19	0%	0
028.31	Manganese, AAS, Dry ash (ppm)	0921	39.13	2.240	38.76	1.778	1.364	7	0.21	0%	0
028.31	Manganese, AAS, Dry ash (ppm)	2188	42.66	0.3900	38.76	1.778	1.364	7	2.19	5%	0
028.31	Manganese, AAS, Dry ash (ppm)	2097	127.5	43.00	38.76	1.778	1.364	7	49.92	114%	1
028.41	Manganese, ICP, Dry ash (ppm)	0123	36.25	3.900	40.54	2.608	1.174	17	-1.64	5%	0
028.41	Manganese, ICP, Dry ash (ppm)	0229	36.37	4.740	40.54	2.608	1.174	17	-1.60	5%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
028.41	Manganese, ICP, Dry ash (ppm)	0598	37.56	0.2081	40.54	2.608	1.174	17	-1.14	4%	0
028.41	Manganese, ICP, Dry ash (ppm)	0171	38.26	0.0300	40.54	2.608	1.174	17	-0.88	3%	0
028.41	Manganese, ICP, Dry ash (ppm)	0910	39.00	2.000	40.54	2.608	1.174	17	-0.59	2%	0
028.41	Manganese, ICP, Dry ash (ppm)	0653	39.78	0.1600	40.54	2.608	1.174	17	-0.29	1%	0
028.41	Manganese, ICP, Dry ash (ppm)	0520	39.95	1.477	40.54	2.608	1.174	17	-0.23	1%	0
028.41	Manganese, ICP, Dry ash (ppm)	0208	40.65	0.4800	40.54	2.608	1.174	17	0.04	0%	0
028.41	Manganese, ICP, Dry ash (ppm)	0354	41.05	0.0000	40.54	2.608	1.174	17	0.20	1%	0
028.41	Manganese, ICP, Dry ash (ppm)	0098	41.32	0.3300	40.54	2.608	1.174	17	0.30	1%	0
028.41	Manganese, ICP, Dry ash (ppm)	0049	41.51	1.390	40.54	2.608	1.174	17	0.37	1%	0
028.41	Manganese, ICP, Dry ash (ppm)	0407	41.53	1.030	40.54	2.608	1.174	17	0.38	1%	0
028.41	Manganese, ICP, Dry ash (ppm)	0019	42.17	0.2400	40.54	2.608	1.174	17	0.63	2%	0
028.41	Manganese, ICP, Dry ash (ppm)	0004	42.52	1.270	40.54	2.608	1.174	17	0.76	2%	0
028.41	Manganese, ICP, Dry ash (ppm)	0674	43.28	0.0000	40.54	2.608	1.174	17	1.05	3%	0
028.41	Manganese, ICP, Dry ash (ppm)	0148	43.33	1.260	40.54	2.608	1.174	17	1.07	3%	0
028.41	Manganese, ICP, Dry ash (ppm)	0226	44.01	1.450	40.54	2.608	1.174	17	1.33	4%	0
028.42	Manganese, ICP, Open vessel (ppm)	0186	32.00	2.000	41.65	4.922	1.191	18	-1.96	12%	0
028.42	Manganese, ICP, Open vessel (ppm)	0190	35.25	0.0200	41.65	4.922	1.191	18	-1.30	8%	0
028.42	Manganese, ICP, Open vessel (ppm)	0870	36.04	0.5200	41.65	4.922	1.191	18	-1.14	7%	0
028.42	Manganese, ICP, Open vessel (ppm)	0685	38.05	0.6000	41.65	4.922	1.191	18	-0.73	4%	0
028.42	Manganese, ICP, Open vessel (ppm)	0009	39.00	0.0000	41.65	4.922	1.191	18	-0.54	3%	0
028.42	Manganese, ICP, Open vessel (ppm)	0278	39.00	2.000	41.65	4.922	1.191	18	-0.54	3%	0
028.42	Manganese, ICP, Open vessel (ppm)	0263	39.29	0.4870	41.65	4.922	1.191	18	-0.48	3%	0
028.42	Manganese, ICP, Open vessel (ppm)	0692	39.95	4.700	41.65	4.922	1.191	18	-0.35	2%	0
028.42	Manganese, ICP, Open vessel (ppm)	2319	40.75	0.7000	41.65	4.922	1.191	18	-0.18	1%	0
028.42	Manganese, ICP, Open vessel (ppm)	0045	42.05	1.700	41.65	4.922	1.191	18	0.08	0%	0
028.42	Manganese, ICP, Open vessel (ppm)	0693	42.62	1.500	41.65	4.922	1.191	18	0.20	1%	0
028.42	Manganese, ICP, Open vessel (ppm)	0357	44.37	0.7360	41.65	4.922	1.191	18	0.55	3%	0
028.42	Manganese, ICP, Open vessel (ppm)	0035	45.00	0.0000	41.65	4.922	1.191	18	0.68	4%	0
028.42	Manganese, ICP, Open vessel (ppm)	0037	45.55	1.700	41.65	4.922	1.191	18	0.79	5%	0
028.42	Manganese, ICP, Open vessel (ppm)	0265	46.05	1.500	41.65	4.922	1.191	18	0.89	5%	0
028.42	Manganese, ICP, Open vessel (ppm)	0726	46.96	0.8700	41.65	4.922	1.191	18	1.08	6%	0
028.42	Manganese, ICP, Open vessel (ppm)	0366	47.50	1.000	41.65	4.922	1.191	18	1.19	7%	0
028.42	Manganese, ICP, Open vessel (ppm)	0042	48.00	1.400	41.65	4.922	1.191	18	1.29	8%	0
028.42	Manganese, ICP, Open vessel (ppm)	2129	425.0	4.000	41.65	4.922	1.191	18	77.89	460%	2
028.43	Manganese, ICP, Microwave (ppm)	0870	36.34	2.290	43.23	3.465	1.287	24	-1.99	8%	0
028.43	Manganese, ICP, Microwave (ppm)	0511	36.50	1.000	43.23	3.465	1.287	24	-1.94	8%	0
028.43	Manganese, ICP, Microwave (ppm)	0968	37.78	0.4120	43.23	3.465	1.287	24	-1.57	6%	0
028.43	Manganese, ICP, Microwave (ppm)	0297	40.00	4.000	43.23	3.465	1.287	24	-0.93	4%	0
028.43	Manganese, ICP, Microwave (ppm)	0033	40.36	0.3200	43.23	3.465	1.287	24	-0.83	3%	0
028.43	Manganese, ICP, Microwave (ppm)	0918	41.69	1.230	43.23	3.465	1.287	24	-0.45	2%	0
028.43	Manganese, ICP, Microwave (ppm)	0345	41.75	0.5000	43.23	3.465	1.287	24	-0.43	2%	0
028.43	Manganese, ICP, Microwave (ppm)	0083	42.00	0.0000	43.23	3.465	1.287	24	-0.36	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
028.43	Manganese, ICP, Microwave (ppm)	0510	42.00	0.0000	43.23	3.465	1.287	24	-0.36	1%	0
028.43	Manganese, ICP, Microwave (ppm)	0169	42.25	1.300	43.23	3.465	1.287	24	-0.28	1%	0
028.43	Manganese, ICP, Microwave (ppm)	0098	42.37	0.5400	43.23	3.465	1.287	24	-0.25	1%	0
028.43	Manganese, ICP, Microwave (ppm)	0425	43.14	0.1100	43.23	3.465	1.287	24	-0.03	0%	0
028.43	Manganese, ICP, Microwave (ppm)	0013	43.20	4.400	43.23	3.465	1.287	24	-0.01	0%	0
028.43	Manganese, ICP, Microwave (ppm)	0027	43.69	0.2310	43.23	3.465	1.287	24	0.13	1%	0
028.43	Manganese, ICP, Microwave (ppm)	0407	44.05	0.7991	43.23	3.465	1.287	24	0.24	1%	0
028.43	Manganese, ICP, Microwave (ppm)	0035	44.50	1.000	43.23	3.465	1.287	24	0.37	1%	0
028.43	Manganese, ICP, Microwave (ppm)	0011	44.95	0.3000	43.23	3.465	1.287	24	0.50	2%	0
028.43	Manganese, ICP, Microwave (ppm)	0964	45.40	0.4000	43.23	3.465	1.287	24	0.63	3%	0
028.43	Manganese, ICP, Microwave (ppm)	2089	45.46	2.050	43.23	3.465	1.287	24	0.64	3%	0
028.43	Manganese, ICP, Microwave (ppm)	2326	45.50	3.000	43.23	3.465	1.287	24	0.65	3%	0
028.43	Manganese, ICP, Microwave (ppm)	0202	46.55	1.500	43.23	3.465	1.287	24	0.96	4%	0
028.43	Manganese, ICP, Microwave (ppm)	0505	47.75	0.5000	43.23	3.465	1.287	24	1.30	5%	0
028.43	Manganese, ICP, Microwave (ppm)	0353	50.50	5.000	43.23	3.465	1.287	24	2.10	8%	0
028.43	Manganese, ICP, Microwave (ppm)	0682	53.65	0.0000	43.23	3.465	1.287	24	3.01	12%	0
028.44	Manganese, ICP, Dry ash (ppm)	0066	35.79	0.6300				2			0
028.44	Manganese, ICP, Dry ash (ppm)	0164	40.00	0.0000				2			0
028.52	Manganese, ICP-MS, Open vessel (ppm)	0047	35.66	0.5600				2			0
028.52	Manganese, ICP-MS, Open vessel (ppm)	0186	43.00	4.000				2			0
028.53	Manganese, ICP-MS, Microwave (ppm)	0553	39.80	2.000	43.28	2.587	1.533	5			0
028.53	Manganese, ICP-MS, Microwave (ppm)	0572	41.60	0.2000	43.28	2.587	1.533	5			0
028.53	Manganese, ICP-MS, Microwave (ppm)	2192	44.20	2.200	43.28	2.587	1.533	5			0
028.53	Manganese, ICP-MS, Microwave (ppm)	0939	44.37	2.660	43.28	2.587	1.533	5			0
028.53	Manganese, ICP-MS, Microwave (ppm)	0407	46.41	0.6036	43.28	2.587	1.533	5			0
028.99	Manganese, Miscellaneous (ppm)	0242	39.50	1.000				3			0
028.99	Manganese, Miscellaneous (ppm)	0100	42.50	1.000				3			0
028.99	Manganese, Miscellaneous (ppm)	2302	45.50	1.000				3			0
031.01	Phosphorus, Photometric (%)	2022	0.5850	0.0100	0.6522	0.0291	0.0175	18	-2.31	5%	0
031.01	Phosphorus, Photometric (%)	2006	0.6055	0.0290	0.6522	0.0291	0.0175	18	-1.60	4%	0
031.01	Phosphorus, Photometric (%)	0626	0.6125	0.0110	0.6522	0.0291	0.0175	18	-1.36	3%	0
031.01	Phosphorus, Photometric (%)	0687	0.6250	0.0500	0.6522	0.0291	0.0175	18	-0.93	2%	0
031.01	Phosphorus, Photometric (%)	2193	0.6300	0.0200	0.6522	0.0291	0.0175	18	-0.76	2%	0
031.01	Phosphorus, Photometric (%)	0142	0.6429	0.0122	0.6522	0.0291	0.0175	18	-0.32	1%	0
031.01	Phosphorus, Photometric (%)	0563	0.6436	0.0220	0.6522	0.0291	0.0175	18	-0.30	1%	0
031.01	Phosphorus, Photometric (%)	2188	0.6500	0.0000	0.6522	0.0291	0.0175	18	-0.08	0%	0
031.01	Phosphorus, Photometric (%)	0884	0.6600	0.0000	0.6522	0.0291	0.0175	18	0.27	1%	0
031.01	Phosphorus, Photometric (%)	0651	0.6637	0.0040	0.6522	0.0291	0.0175	18	0.39	1%	0
031.01	Phosphorus, Photometric (%)	2058	0.6650	0.0300	0.6522	0.0291	0.0175	18	0.44	1%	0
031.01	Phosphorus, Photometric (%)	2181	0.6700	0.0400	0.6522	0.0291	0.0175	18	0.61	1%	0
031.01	Phosphorus, Photometric (%)	0529	0.6700	0.0000	0.6522	0.0291	0.0175	18	0.61	1%	0
031.01	Phosphorus, Photometric (%)	2190	0.6722	0.0055	0.6522	0.0291	0.0175	18	0.68	2%	0



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031.01	Phosphorus, Photometric (%)	0948	0.6750	0.0100	0.6522	0.0291	0.0175	18	0.78	2%	0
031.01	Phosphorus, Photometric (%)	2097	0.6781	0.0020	0.6522	0.0291	0.0175	18	0.89	2%	0
031.01	Phosphorus, Photometric (%)	0939	0.6800	0.0400	0.6522	0.0291	0.0175	18	0.95	2%	0
031.01	Phosphorus, Photometric (%)	2302	0.6850	0.0300	0.6522	0.0291	0.0175	18	1.13	3%	0
031.01	Phosphorus, Photometric (%)	2192	0.2900	0.0000	0.6522	0.0291	0.0175	18	-12.44	28%	2
031.03	Phosphorus, Autoanalyzer (%)	0169	0.6650	0.0100				1			0
031.06	Phosphorus, Hach Method (%)	0536	0.6450	0.0100				1			0
031.41	Phosphorus, ICP, Dry ash (%)	0229	0.5950	0.0700	0.6678	0.0183	0.0189	18	-3.97	5%	0
031.41	Phosphorus, ICP, Dry ash (%)	0910	0.6450	0.0300	0.6678	0.0183	0.0189	18	-1.25	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0407	0.6547	0.0110	0.6678	0.0183	0.0189	18	-0.72	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0004	0.6550	0.0100	0.6678	0.0183	0.0189	18	-0.70	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0354	0.6550	0.0100	0.6678	0.0183	0.0189	18	-0.70	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0685	0.6550	0.0100	0.6678	0.0183	0.0189	18	-0.70	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0171	0.6600	0.0000	0.6678	0.0183	0.0189	18	-0.43	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0653	0.6605	0.0030	0.6678	0.0183	0.0189	18	-0.40	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	2259	0.6645	0.0210	0.6678	0.0183	0.0189	18	-0.18	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0520	0.6695	0.0110	0.6678	0.0183	0.0189	18	0.09	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0208	0.6710	0.0140	0.6678	0.0183	0.0189	18	0.17	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0598	0.6745	0.0058	0.6678	0.0183	0.0189	18	0.36	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0049	0.6750	0.0300	0.6678	0.0183	0.0189	18	0.39	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0226	0.6800	0.0200	0.6678	0.0183	0.0189	18	0.66	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0144	0.6850	0.0300	0.6678	0.0183	0.0189	18	0.94	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0098	0.6854	0.0043	0.6678	0.0183	0.0189	18	0.96	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0148	0.7160	0.0500	0.6678	0.0183	0.0189	18	2.63	4%	0
031.41	Phosphorus, ICP, Dry ash (%)	0123	0.7250	0.0100	0.6678	0.0183	0.0189	18	3.12	4%	0
031.42	Phosphorus, ICP, Open vessel (%)	0186	0.6034	0.0263	0.6832	0.0413	0.0191	16	-1.93	6%	0
031.42	Phosphorus, ICP, Open vessel (%)	0263	0.6290	0.0120	0.6832	0.0413	0.0191	16	-1.31	4%	0
031.42	Phosphorus, ICP, Open vessel (%)	0693	0.6565	0.0050	0.6832	0.0413	0.0191	16	-0.65	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0366	0.6600	0.0600	0.6832	0.0413	0.0191	16	-0.56	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0035	0.6650	0.0100	0.6832	0.0413	0.0191	16	-0.44	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0265	0.6650	0.0100	0.6832	0.0413	0.0191	16	-0.44	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0278	0.6650	0.0500	0.6832	0.0413	0.0191	16	-0.44	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0037	0.6780	0.0200	0.6832	0.0413	0.0191	16	-0.12	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0870	0.6808	0.0085	0.6832	0.0413	0.0191	16	-0.06	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	2319	0.6820	0.0200	0.6832	0.0413	0.0191	16	-0.03	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0045	0.6865	0.0070	0.6832	0.0413	0.0191	16	0.08	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0726	0.7100	0.0000	0.6832	0.0413	0.0191	16	0.65	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0692	0.7250	0.0500	0.6832	0.0413	0.0191	16	1.01	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	0190	0.7300	0.0200	0.6832	0.0413	0.0191	16	1.14	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	0357	0.7314	0.0030	0.6832	0.0413	0.0191	16	1.17	4%	0
031.42	Phosphorus, ICP, Open vessel (%)	0042	0.7485	0.0030	0.6832	0.0413	0.0191	16	1.58	5%	0
031.42	Phosphorus, ICP, Open vessel (%)	2129	1.800	0.2000	0.6832	0.0413	0.0191	16	27.07	82%	2

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
031.43	Phosphorus, ICP, Microwave (%)	0511	0.6050	0.0300	0.6689	0.0255	0.0142	23	-2.51	5%	0
031.43	Phosphorus, ICP, Microwave (%)	0968	0.6075	0.0110	0.6689	0.0255	0.0142	23	-2.41	5%	0
031.43	Phosphorus, ICP, Microwave (%)	0425	0.6400	0.0000	0.6689	0.0255	0.0142	23	-1.14	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0682	0.6400	0.0000	0.6689	0.0255	0.0142	23	-1.14	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0876	0.6510	0.0340	0.6689	0.0255	0.0142	23	-0.70	1%	0
031.43	Phosphorus, ICP, Microwave (%)	2322	0.6550	0.0100	0.6689	0.0255	0.0142	23	-0.55	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0300	0.6567	0.0127	0.6689	0.0255	0.0142	23	-0.48	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0345	0.6599	0.0423	0.6689	0.0255	0.0142	23	-0.36	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0010	0.6600	0.0200	0.6689	0.0255	0.0142	23	-0.35	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0033	0.6600	0.0060	0.6689	0.0255	0.0142	23	-0.35	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0297	0.6600	0.0400	0.6689	0.0255	0.0142	23	-0.35	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0407	0.6695	0.0054	0.6689	0.0255	0.0142	23	0.02	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0202	0.6700	0.0000	0.6689	0.0255	0.0142	23	0.04	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0035	0.6750	0.0100	0.6689	0.0255	0.0142	23	0.24	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0083	0.6800	0.0200	0.6689	0.0255	0.0142	23	0.43	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0964	0.6816	0.0082	0.6689	0.0255	0.0142	23	0.50	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0870	0.6830	0.0117	0.6689	0.0255	0.0142	23	0.55	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0918	0.6860	0.0120	0.6689	0.0255	0.0142	23	0.67	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0353	0.6950	0.0100	0.6689	0.0255	0.0142	23	1.02	2%	0
031.43	Phosphorus, ICP, Microwave (%)	2089	0.6950	0.0100	0.6689	0.0255	0.0142	23	1.02	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0098	0.6996	0.0333	0.6689	0.0255	0.0142	23	1.20	2%	0
031.43	Phosphorus, ICP, Microwave (%)	2326	0.7000	0.0000	0.6689	0.0255	0.0142	23	1.22	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0510	0.7500	0.0000	0.6689	0.0255	0.0142	23	3.18	6%	0
031.44	Phosphorus, ICP, Dry ash (%)	0164	0.6380	0.0140				1			0
031.52	Phosphorus, ICP-MS, Open vessel (%)	0186	0.6580	0.0245				2			0
031.52	Phosphorus, ICP-MS, Open vessel (%)	0154	0.6856	0.0032				2			0
031.53	Phosphorus, ICP-MS, Microwave (%)	0553	0.6535	0.0990	0.6897	0.0337	0.0625	4			0
031.53	Phosphorus, ICP-MS, Microwave (%)	0939	0.6800	0.0200	0.6897	0.0337	0.0625	4			0
031.53	Phosphorus, ICP-MS, Microwave (%)	0407	0.6907	0.0918	0.6897	0.0337	0.0625	4			0
031.53	Phosphorus, ICP-MS, Microwave (%)	0572	0.7345	0.0390	0.6897	0.0337	0.0625	4			0
031.99	Phosphorus, Miscellaneous (%)	0242	0.6100	0.0200	0.6263	0.0125	0.0075	4			0
031.99	Phosphorus, Miscellaneous (%)	0676	0.6250	0.0100	0.6263	0.0125	0.0075	4			0
031.99	Phosphorus, Miscellaneous (%)	0100	0.6300	0.0000	0.6263	0.0125	0.0075	4			0
031.99	Phosphorus, Miscellaneous (%)	2290	0.6400	0.0000	0.6263	0.0125	0.0075	4			0
032.08	Potassium, Ion-selective electrode (%)	2188	2.200	0.0000				1			0
032.31	Potassium, AAS, Dry ash (%)	0529	1.940	0.0800	2.161	0.1846	0.0523	5			0
032.31	Potassium, AAS, Dry ash (%)	0563	1.982	0.0251	2.161	0.1846	0.0523	5			0
032.31	Potassium, AAS, Dry ash (%)	0142	2.263	0.0566	2.161	0.1846	0.0523	5			0
032.31	Potassium, AAS, Dry ash (%)	0208	2.295	0.0300	2.161	0.1846	0.0523	5			0
032.31	Potassium, AAS, Dry ash (%)	0536	2.325	0.0700	2.161	0.1846	0.0523	5			0
032.32	Potassium, AAS, Open vessel (%)	0169	1.875	0.0100				1			0
032.41	Potassium, ICP, Dry ash (%)	0019	2.020	0.0000	2.185	0.1244	0.0526	16	-1.33	4%	0

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032.41	Potassium, ICP, Dry ash (%)	0910	2.040	0.0600	2.185	0.1244	0.0526	16	-1.17	3%	0
032.41	Potassium, ICP, Dry ash (%)	0066	2.055	0.1100	2.185	0.1244	0.0526	16	-1.05	3%	0
032.41	Potassium, ICP, Dry ash (%)	0354	2.090	0.0200	2.185	0.1244	0.0526	16	-0.77	2%	0
032.41	Potassium, ICP, Dry ash (%)	0123	2.110	0.2200	2.185	0.1244	0.0526	16	-0.61	2%	0
032.41	Potassium, ICP, Dry ash (%)	0598	2.138	0.0051	2.185	0.1244	0.0526	16	-0.39	1%	0
032.41	Potassium, ICP, Dry ash (%)	0049	2.155	0.0100	2.185	0.1244	0.0526	16	-0.24	1%	0
032.41	Potassium, ICP, Dry ash (%)	0171	2.165	0.0300	2.185	0.1244	0.0526	16	-0.16	0%	0
032.41	Potassium, ICP, Dry ash (%)	0004	2.170	0.0800	2.185	0.1244	0.0526	16	-0.12	0%	0
032.41	Potassium, ICP, Dry ash (%)	0148	2.220	0.0200	2.185	0.1244	0.0526	16	0.28	1%	0
032.41	Potassium, ICP, Dry ash (%)	0144	2.225	0.0700	2.185	0.1244	0.0526	16	0.32	1%	0
032.41	Potassium, ICP, Dry ash (%)	0407	2.251	0.0697	2.185	0.1244	0.0526	16	0.52	1%	0
032.41	Potassium, ICP, Dry ash (%)	0098	2.295	0.0100	2.185	0.1244	0.0526	16	0.88	3%	0
032.41	Potassium, ICP, Dry ash (%)	0520	2.322	0.0560	2.185	0.1244	0.0526	16	1.10	3%	0
032.41	Potassium, ICP, Dry ash (%)	0226	2.340	0.0200	2.185	0.1244	0.0526	16	1.24	4%	0
032.41	Potassium, ICP, Dry ash (%)	0653	2.558	0.0600	2.185	0.1244	0.0526	16	2.99	9%	0
032.41	Potassium, ICP, Dry ash (%)	0229	2.040	0.3200	2.185	0.1244	0.0526	16	-1.17	3%	1
032.42	Potassium, ICP, Open vessel (%)	2129	1.225	0.0300	2.235	0.1897	0.0450	18	-5.33	23%	0
032.42	Potassium, ICP, Open vessel (%)	0366	1.945	0.0900	2.235	0.1897	0.0450	18	-1.53	6%	0
032.42	Potassium, ICP, Open vessel (%)	0278	1.980	0.0000	2.235	0.1897	0.0450	18	-1.35	6%	0
032.42	Potassium, ICP, Open vessel (%)	0265	2.185	0.0700	2.235	0.1897	0.0450	18	-0.27	1%	0
032.42	Potassium, ICP, Open vessel (%)	0693	2.196	0.0310	2.235	0.1897	0.0450	18	-0.21	1%	0
032.42	Potassium, ICP, Open vessel (%)	0263	2.199	0.0180	2.235	0.1897	0.0450	18	-0.19	1%	0
032.42	Potassium, ICP, Open vessel (%)	0045	2.200	0.0200	2.235	0.1897	0.0450	18	-0.19	1%	0
032.42	Potassium, ICP, Open vessel (%)	0047	2.200	0.0000	2.235	0.1897	0.0450	18	-0.19	1%	0
032.42	Potassium, ICP, Open vessel (%)	0186	2.206	0.1210	2.235	0.1897	0.0450	18	-0.16	1%	0
032.42	Potassium, ICP, Open vessel (%)	0037	2.214	0.0440	2.235	0.1897	0.0450	18	-0.11	0%	0
032.42	Potassium, ICP, Open vessel (%)	0357	2.234	0.0426	2.235	0.1897	0.0450	18	-0.01	0%	0
032.42	Potassium, ICP, Open vessel (%)	0035	2.255	0.0100	2.235	0.1897	0.0450	18	0.10	0%	0
032.42	Potassium, ICP, Open vessel (%)	0692	2.265	0.0500	2.235	0.1897	0.0450	18	0.16	1%	0
032.42	Potassium, ICP, Open vessel (%)	0009	2.325	0.0900	2.235	0.1897	0.0450	18	0.47	2%	0
032.42	Potassium, ICP, Open vessel (%)	0870	2.382	0.1240	2.235	0.1897	0.0450	18	0.77	3%	0
032.42	Potassium, ICP, Open vessel (%)	0190	2.475	0.0300	2.235	0.1897	0.0450	18	1.26	5%	0
032.42	Potassium, ICP, Open vessel (%)	0726	2.500	0.0200	2.235	0.1897	0.0450	18	1.40	6%	0
032.42	Potassium, ICP, Open vessel (%)	0042	2.530	0.0200	2.235	0.1897	0.0450	18	1.55	7%	0
032.43	Potassium, ICP, Microwave (%)	0968	1.625	0.0070	2.219	0.1397	0.0513	26	-4.26	13%	0
032.43	Potassium, ICP, Microwave (%)	0297	2.035	0.0500	2.219	0.1397	0.0513	26	-1.32	4%	0
032.43	Potassium, ICP, Microwave (%)	0425	2.040	0.1200	2.219	0.1397	0.0513	26	-1.28	4%	0
032.43	Potassium, ICP, Microwave (%)	0027	2.097	0.0300	2.219	0.1397	0.0513	26	-0.87	3%	0
032.43	Potassium, ICP, Microwave (%)	0511	2.100	0.1800	2.219	0.1397	0.0513	26	-0.85	3%	0
032.43	Potassium, ICP, Microwave (%)	0013	2.105	0.0500	2.219	0.1397	0.0513	26	-0.82	3%	0
032.43	Potassium, ICP, Microwave (%)	0918	2.110	0.0130	2.219	0.1397	0.0513	26	-0.79	2%	0
032.43	Potassium, ICP, Microwave (%)	0083	2.115	0.0100	2.219	0.1397	0.0513	26	-0.75	2%	0

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032.43	Potassium, ICP, Microwave (%)	0505	2.160	0.0400	2.219	0.1397	0.0513	26	-0.42	1%	0
032.43	Potassium, ICP, Microwave (%)	0682	2.160	0.0000	2.219	0.1397	0.0513	26	-0.42	1%	0
032.43	Potassium, ICP, Microwave (%)	0353	2.195	0.0300	2.219	0.1397	0.0513	26	-0.17	1%	0
032.43	Potassium, ICP, Microwave (%)	2089	2.210	0.0200	2.219	0.1397	0.0513	26	-0.07	0%	0
032.43	Potassium, ICP, Microwave (%)	0345	2.215	0.0100	2.219	0.1397	0.0513	26	-0.03	0%	0
032.43	Potassium, ICP, Microwave (%)	0033	2.230	0.0400	2.219	0.1397	0.0513	26	0.08	0%	0
032.43	Potassium, ICP, Microwave (%)	0098	2.230	0.1000	2.219	0.1397	0.0513	26	0.08	0%	0
032.43	Potassium, ICP, Microwave (%)	0036	2.239	0.0555	2.219	0.1397	0.0513	26	0.14	0%	0
032.43	Potassium, ICP, Microwave (%)	0407	2.262	0.0140	2.219	0.1397	0.0513	26	0.31	1%	0
032.43	Potassium, ICP, Microwave (%)	0202	2.265	0.0700	2.219	0.1397	0.0513	26	0.33	1%	0
032.43	Potassium, ICP, Microwave (%)	0510	2.290	0.0200	2.219	0.1397	0.0513	26	0.51	2%	0
032.43	Potassium, ICP, Microwave (%)	0035	2.320	0.0000	2.219	0.1397	0.0513	26	0.72	2%	0
032.43	Potassium, ICP, Microwave (%)	0876	2.335	0.0500	2.219	0.1397	0.0513	26	0.83	3%	0
032.43	Potassium, ICP, Microwave (%)	0010	2.340	0.0800	2.219	0.1397	0.0513	26	0.87	3%	0
032.43	Potassium, ICP, Microwave (%)	2326	2.350	0.1000	2.219	0.1397	0.0513	26	0.94	3%	0
032.43	Potassium, ICP, Microwave (%)	0964	2.433	0.0251	2.219	0.1397	0.0513	26	1.53	5%	0
032.43	Potassium, ICP, Microwave (%)	0870	2.434	0.1190	2.219	0.1397	0.0513	26	1.53	5%	0
032.43	Potassium, ICP, Microwave (%)	0011	2.450	0.1000	2.219	0.1397	0.0513	26	1.65	5%	0
032.44	Potassium, ICP, Dry ash (%)	0164	2.165	0.0700				1			0
032.52	Potassium, ICP-MS, Open vessel (%)	2319	2.195	0.0300				3			0
032.52	Potassium, ICP-MS, Open vessel (%)	0154	2.201	0.0174				3			0
032.52	Potassium, ICP-MS, Open vessel (%)	0186	2.204	0.1190				3			0
032.53	Potassium, ICP-MS, Microwave (%)	0553	2.200	0.1400	2.265	0.0493	0.1231	4			0
032.53	Potassium, ICP-MS, Microwave (%)	0407	2.269	0.0722	2.265	0.0493	0.1231	4			0
032.53	Potassium, ICP-MS, Microwave (%)	0572	2.270	0.2000	2.265	0.0493	0.1231	4			0
032.53	Potassium, ICP-MS, Microwave (%)	0939	2.320	0.0800	2.265	0.0493	0.1231	4			0
032.99	Potassium, Miscellaneous (%)	0590	2.120	0.0200				3			0
032.99	Potassium, Miscellaneous (%)	0100	2.125	0.0300				3			0
032.99	Potassium, Miscellaneous (%)	0242	2.125	0.0100				3			0
032.99	Potassium, Miscellaneous (%)	2302	2.330	0.0000				3			2
033.00	Salt as chloride, Sol Cl (%)	0693	0.0160	0.0000	0.0739	0.0580	0.0086	6	-1.00	39%	0
033.00	Salt as chloride, Sol Cl (%)	2076	0.0475	0.0090	0.0739	0.0580	0.0086	6	-0.46	18%	0
033.00	Salt as chloride, Sol Cl (%)	0539	0.0500	0.0200	0.0739	0.0580	0.0086	6	-0.41	16%	0
033.00	Salt as chloride, Sol Cl (%)	0353	0.0650	0.0100	0.0739	0.0580	0.0086	6	-0.15	6%	0
033.00	Salt as chloride, Sol Cl (%)	2190	0.1051	0.0123	0.0739	0.0580	0.0086	6	0.54	21%	0
033.00	Salt as chloride, Sol Cl (%)	0366	0.1600	0.0000	0.0739	0.0580	0.0086	6	1.48	58%	0
033.00	Salt as chloride, Sol Cl (%)	0309	< 0.1		0.0739	0.0580	0.0086	6			5
033.01	Salt as chloride, Poten Cl (%)	0100	0.0100	0.0000	0.0461	0.0339	0.0121	13	-1.07	39%	0
033.01	Salt as chloride, Poten Cl (%)	0354	0.0225	0.0050	0.0461	0.0339	0.0121	13	-0.70	26%	0
033.01	Salt as chloride, Poten Cl (%)	0407	0.0245	0.0010	0.0461	0.0339	0.0121	13	-0.64	23%	0
033.01	Salt as chloride, Poten Cl (%)	0148	0.0289	0.0017	0.0461	0.0339	0.0121	13	-0.51	19%	0
033.01	Salt as chloride, Poten Cl (%)	0098	0.0300	0.0000	0.0461	0.0339	0.0121	13	-0.48	17%	0



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033.01	Salt as chloride, Poten Cl (%)	0242	0.0300	0.0000	0.0461	0.0339	0.0121	13	-0.48	17%	0
033.01	Salt as chloride, Poten Cl (%)	0229	0.0350	0.0300	0.0461	0.0339	0.0121	13	-0.33	12%	0
033.01	Salt as chloride, Poten Cl (%)	0948	0.0350	0.0100	0.0461	0.0339	0.0121	13	-0.33	12%	0
033.01	Salt as chloride, Poten Cl (%)	0226	0.0400	0.0000	0.0461	0.0339	0.0121	13	-0.18	7%	0
033.01	Salt as chloride, Poten Cl (%)	0425	0.0600	0.0200	0.0461	0.0339	0.0121	13	0.41	15%	0
033.01	Salt as chloride, Poten Cl (%)	0682	0.0900	0.0000	0.0461	0.0339	0.0121	13	1.29	48%	0
033.01	Salt as chloride, Poten Cl (%)	0510	0.1320	0.0000	0.0461	0.0339	0.0121	13	2.53	93%	0
033.01	Salt as chloride, Poten Cl (%)	2268	0.2450	0.0900	0.0461	0.0339	0.0121	13	5.86	215%	0
033.01	Salt as chloride, Poten Cl (%)	0278	2.315	0.1300	0.0461	0.0339	0.0121	13	66.91	2458%	2
033.01	Salt as chloride, Poten Cl (%)	0083	0.0000	0.0000	0.0461	0.0339	0.0121	13			4
033.01	Salt as chloride, Poten Cl (%)	0164	< 0.1		0.0461	0.0339	0.0121	13			5
033.03	Salt as chloride, Quantab (%)	0144	0.1000	0.0200				3			0
033.03	Salt as chloride, Quantab (%)	0726	0.1400	0.0000				3			0
033.03	Salt as chloride, Quantab (%)	0265	0.2750	0.0100				3			0
033.05	Salt as chloride, Ion Sel Electrode (%)	0171	0.0150	0.0100				2			0
033.05	Salt as chloride, Ion Sel Electrode (%)	2188	0.0500	0.0000				2			0
033.05	Salt as chloride, Ion Sel Electrode (%)	2043	0.0000	0.0000				2			4
033.99	Salt, Miscellaneous (%)	0910	0.0100	0.0000				3			0
033.99	Salt, Miscellaneous (%)	0650	0.0200	0.0000				3			0
033.99	Salt, Miscellaneous (%)	2181	5.585	0.2300				3			0
033.99	Salt, Miscellaneous (%)	2073	< 0.05					3			5
034.04	Selenium, Total (Se), AA, Hydride (ppm)	0563	0.1814	0.0015	0.2006	0.0213	0.0129	4			0
034.04	Selenium, Total (Se), AA, Hydride (ppm)	0045	0.1895	0.0270	0.2006	0.0213	0.0129	4			0
034.04	Selenium, Total (Se), AA, Hydride (ppm)	0171	0.2015	0.0030	0.2006	0.0213	0.0129	4			0
034.04	Selenium, Total (Se), AA, Hydride (ppm)	0169	0.2300	0.0200	0.2006	0.0213	0.0129	4			0
034.42	Selenium, Total (Se), ICP, Open vessel (ppm)	0692	< 1					0			5
034.43	Selenium, Total (Se), ICP, Microwave (ppm)	0682	< 5					0			5
034.52	Selenium, Total (Se), ICP-MS, Open vessel (ppm)	0186	0.7370	0.0060				1			0
034.53	Selenium, Total (Se), ICP-MS, Microwave (ppm)	0164	0.2215	0.0010	0.2570	0.0424	0.0174	4			0
034.53	Selenium, Total (Se), ICP-MS, Microwave (ppm)	0553	0.2430	0.0180	0.2570	0.0424	0.0174	4			0
034.53	Selenium, Total (Se), ICP-MS, Microwave (ppm)	0560	0.2450	0.0100	0.2570	0.0424	0.0174	4			0
034.53	Selenium, Total (Se), ICP-MS, Microwave (ppm)	0407	0.3186	0.0407	0.2570	0.0424	0.0174	4			0
035.01	Sodium, Ion-selective electrode (%)	2188	0.0500	0.0000				1			0
035.31	Sodium, AAS, Dry ash (%)	2097	0.0242	0.0029				3			0
035.31	Sodium, AAS, Dry ash (%)	0536	0.0250	0.0100				3			0
035.31	Sodium, AAS, Dry ash (%)	0142	0.0325	0.0019				3			0
035.32	Sodium, AAS, Open vessel (%)	0169	0.2500	0.0000				1			0
035.41	Sodium, ICP, Dry ash (%)	0164	0.0055	0.0010	0.0164	0.0109	0.0099	12	-1.00	33%	0
035.41	Sodium, ICP, Dry ash (%)	0148	0.0070	0.0000	0.0164	0.0109	0.0099	12	-0.86	29%	0
035.41	Sodium, ICP, Dry ash (%)	0520	0.0075	0.0021	0.0164	0.0109	0.0099	12	-0.82	27%	0
035.41	Sodium, ICP, Dry ash (%)	0049	0.0100	0.0000	0.0164	0.0109	0.0099	12	-0.58	20%	0
035.41	Sodium, ICP, Dry ash (%)	0226	0.0100	0.0000	0.0164	0.0109	0.0099	12	-0.58	20%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
035.41	Sodium, ICP, Dry ash (%)	0407	0.0115	0.0030	0.0164	0.0109	0.0099	12	-0.45	15%	0
035.41	Sodium, ICP, Dry ash (%)	2259	0.0125	0.0030	0.0164	0.0109	0.0099	12	-0.36	12%	0
035.41	Sodium, ICP, Dry ash (%)	0144	0.0200	0.0000	0.0164	0.0109	0.0099	12	0.33	11%	0
035.41	Sodium, ICP, Dry ash (%)	0171	0.0250	0.0100	0.0164	0.0109	0.0099	12	0.79	26%	0
035.41	Sodium, ICP, Dry ash (%)	0229	0.0250	0.0100	0.0164	0.0109	0.0099	12	0.79	26%	0
035.41	Sodium, ICP, Dry ash (%)	0123	0.0300	0.0000	0.0164	0.0109	0.0099	12	1.24	41%	0
035.41	Sodium, ICP, Dry ash (%)	0598	0.0564	0.0892	0.0164	0.0109	0.0099	12	3.66	122%	0
035.41	Sodium, ICP, Dry ash (%)	0354	0.3500	0.1000	0.0164	0.0109	0.0099	12	30.50	1017%	2
035.42	Sodium, ICP, Open vessel (%)	0726	0.0050	0.0000	0.0115	0.0067	0.0009	9	-0.97	28%	0
035.42	Sodium, ICP, Open vessel (%)	0870	0.0068	0.0002	0.0115	0.0067	0.0009	9	-0.70	20%	0
035.42	Sodium, ICP, Open vessel (%)	0693	0.0075	0.0010	0.0115	0.0067	0.0009	9	-0.60	17%	0
035.42	Sodium, ICP, Open vessel (%)	0037	0.0085	0.0010	0.0115	0.0067	0.0009	9	-0.45	13%	0
035.42	Sodium, ICP, Open vessel (%)	0263	0.0095	0.0010	0.0115	0.0067	0.0009	9	-0.30	9%	0
035.42	Sodium, ICP, Open vessel (%)	0265	0.0100	0.0000	0.0115	0.0067	0.0009	9	-0.22	6%	0
035.42	Sodium, ICP, Open vessel (%)	0366	0.0145	0.0050	0.0115	0.0067	0.0009	9	0.45	13%	0
035.42	Sodium, ICP, Open vessel (%)	0692	0.0200	0.0000	0.0115	0.0067	0.0009	9	1.28	37%	0
035.42	Sodium, ICP, Open vessel (%)	0278	0.0400	0.0000	0.0115	0.0067	0.0009	9	4.28	124%	0
035.42	Sodium, ICP, Open vessel (%)	0042	0.0835	0.1330	0.0115	0.0067	0.0009	9	10.81	314%	1
035.42	Sodium, ICP, Open vessel (%)	2129	1.855	0.0700	0.0115	0.0067	0.0009	9	276.67	8033%	2
035.43	Sodium, ICP, Microwave (%)	0345	0.0035	0.0010	0.0141	0.0121	0.0017	12	-0.88	38%	0
035.43	Sodium, ICP, Microwave (%)	2326	0.0040	0.0000	0.0141	0.0121	0.0017	12	-0.84	36%	0
035.43	Sodium, ICP, Microwave (%)	0083	0.0052	0.0003	0.0141	0.0121	0.0017	12	-0.74	32%	0
035.43	Sodium, ICP, Microwave (%)	0870	0.0074	0.0003	0.0141	0.0121	0.0017	12	-0.56	24%	0
035.43	Sodium, ICP, Microwave (%)	0918	0.0085	0.0010	0.0141	0.0121	0.0017	12	-0.46	20%	0
035.43	Sodium, ICP, Microwave (%)	0407	0.0093	0.0053	0.0141	0.0121	0.0017	12	-0.40	17%	0
035.43	Sodium, ICP, Microwave (%)	2089	0.0100	0.0000	0.0141	0.0121	0.0017	12	-0.34	14%	0
035.43	Sodium, ICP, Microwave (%)	0300	0.0141	0.0001	0.0141	0.0121	0.0017	12	0.00	0%	0
035.43	Sodium, ICP, Microwave (%)	0202	0.0150	0.0100	0.0141	0.0121	0.0017	12	0.08	3%	0
035.43	Sodium, ICP, Microwave (%)	0425	0.0300	0.0000	0.0141	0.0121	0.0017	12	1.32	57%	0
035.43	Sodium, ICP, Microwave (%)	0682	0.0300	0.0000	0.0141	0.0121	0.0017	12	1.32	57%	0
035.43	Sodium, ICP, Microwave (%)	0510	0.0650	0.0020	0.0141	0.0121	0.0017	12	4.22	181%	0
035.43	Sodium, ICP, Microwave (%)	0353	0.0518	0.0145	0.0141	0.0121	0.0017	12	3.12	134%	1
035.43	Sodium, ICP, Microwave (%)	0297	0.0000	0.0000	0.0141	0.0121	0.0017	12			4
035.52	Sodium, ICP-MS, Open vessel (%)	0154	0.0035	0.0001				2			0
035.52	Sodium, ICP-MS, Open vessel (%)	0186	0.0545	0.0871				2			0
035.53	Sodium, ICP-MS, Microwave (%)	0553	0.0033	0.0001				3			0
035.53	Sodium, ICP-MS, Microwave (%)	0572	0.0041	0.0003				3			0
035.53	Sodium, ICP-MS, Microwave (%)	0407	0.0044	0.0002				3			0
035.99	Sodium, Miscellaneous (%)	0100	< 0.01					0			5
036.04	Sulfur, LECO (%)	0148	0.3715	0.0090				3			0
036.04	Sulfur, LECO (%)	0226	0.3750	0.0100				3			0
036.04	Sulfur, LECO (%)	0229	0.3750	0.0100				3			0

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036.42	Sulfur, ICP, Open vessel (%)	0366	0.3400	0.0200	0.3844	0.0370	0.0129	18	-1.20	6%	0
036.42	Sulfur, ICP, Open vessel (%)	0045	0.3595	0.0230	0.3844	0.0370	0.0129	18	-0.67	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0278	0.3600	0.0200	0.3844	0.0370	0.0129	18	-0.66	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0692	0.3600	0.0200	0.3844	0.0370	0.0129	18	-0.66	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0693	0.3610	0.0180	0.3844	0.0370	0.0129	18	-0.63	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0870	0.3650	0.0213	0.3844	0.0370	0.0129	18	-0.53	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0035	0.3650	0.0100	0.3844	0.0370	0.0129	18	-0.53	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0357	0.3668	0.0027	0.3844	0.0370	0.0129	18	-0.48	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0186	0.3695	0.0130	0.3844	0.0370	0.0129	18	-0.40	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0407	0.3739	0.0417	0.3844	0.0370	0.0129	18	-0.29	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0164	0.3750	0.0100	0.3844	0.0370	0.0129	18	-0.26	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0726	0.3800	0.0000	0.3844	0.0370	0.0129	18	-0.12	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0265	0.3850	0.0100	0.3844	0.0370	0.0129	18	0.01	0%	0
036.42	Sulfur, ICP, Open vessel (%)	0708	0.4035	0.0090	0.3844	0.0370	0.0129	18	0.51	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0037	0.4360	0.0020	0.3844	0.0370	0.0129	18	1.39	7%	0
036.42	Sulfur, ICP, Open vessel (%)	0042	0.4400	0.0080	0.3844	0.0370	0.0129	18	1.50	7%	0
036.42	Sulfur, ICP, Open vessel (%)	2129	0.4445	0.0030	0.3844	0.0370	0.0129	18	1.62	8%	0
036.42	Sulfur, ICP, Open vessel (%)	0171	0.4500	0.0000	0.3844	0.0370	0.0129	18	1.77	9%	0
036.43	Sulfur, ICP, Microwave (%)	0353	0.3650	0.0300	0.3943	0.0224	0.0064	16	-1.31	4%	0
036.43	Sulfur, ICP, Microwave (%)	0870	0.3670	0.0250	0.3943	0.0224	0.0064	16	-1.22	3%	0
036.43	Sulfur, ICP, Microwave (%)	0083	0.3800	0.0000	0.3943	0.0224	0.0064	16	-0.64	2%	0
036.43	Sulfur, ICP, Microwave (%)	0297	0.3800	0.0000	0.3943	0.0224	0.0064	16	-0.64	2%	0
036.43	Sulfur, ICP, Microwave (%)	0918	0.3810	0.0020	0.3943	0.0224	0.0064	16	-0.59	2%	0
036.43	Sulfur, ICP, Microwave (%)	0407	0.3840	0.0043	0.3943	0.0224	0.0064	16	-0.46	1%	0
036.43	Sulfur, ICP, Microwave (%)	0035	0.3850	0.0100	0.3943	0.0224	0.0064	16	-0.41	1%	0
036.43	Sulfur, ICP, Microwave (%)	0202	0.3900	0.0000	0.3943	0.0224	0.0064	16	-0.19	1%	0
036.43	Sulfur, ICP, Microwave (%)	0345	0.3900	0.0040	0.3943	0.0224	0.0064	16	-0.19	1%	0
036.43	Sulfur, ICP, Microwave (%)	0098	0.3938	0.0014	0.3943	0.0224	0.0064	16	-0.02	0%	0
036.43	Sulfur, ICP, Microwave (%)	0682	0.4000	0.0000	0.3943	0.0224	0.0064	16	0.26	1%	0
036.43	Sulfur, ICP, Microwave (%)	2326	0.4000	0.0000	0.3943	0.0224	0.0064	16	0.26	1%	0
036.43	Sulfur, ICP, Microwave (%)	0169	0.4200	0.0200	0.3943	0.0224	0.0064	16	1.15	3%	0
036.43	Sulfur, ICP, Microwave (%)	2089	0.4200	0.0000	0.3943	0.0224	0.0064	16	1.15	3%	0
036.43	Sulfur, ICP, Microwave (%)	0964	0.4247	0.0053	0.3943	0.0224	0.0064	16	1.36	4%	0
036.43	Sulfur, ICP, Microwave (%)	0510	0.4300	0.0000	0.3943	0.0224	0.0064	16	1.59	5%	0
036.52	Sulfur, ICP-MS, Open vessel (%)	0186	0.3750	0.0158				1			0
036.53	Sulfur, ICP-MS, Microwave (%)	0553	0.3705	0.0090				1			0
036.99	Sulfur, Miscellaneous (%)	0242	0.3550	0.0100				1			0
037.31	Zinc, AAS, Dry ash (ppm)	0536	26.03	1.430	49.89	4.936	0.6822	6	-4.83	24%	0
037.31	Zinc, AAS, Dry ash (ppm)	0529	48.15	0.7000	49.89	4.936	0.6822	6	-0.35	2%	0
037.31	Zinc, AAS, Dry ash (ppm)	0208	49.35	0.1000	49.89	4.936	0.6822	6	-0.11	1%	0
037.31	Zinc, AAS, Dry ash (ppm)	2188	51.22	0.0000	49.89	4.936	0.6822	6	0.27	1%	0
037.31	Zinc, AAS, Dry ash (ppm)	0651	53.95	1.710	49.89	4.936	0.6822	6	0.82	4%	0

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037.31	Zinc, AAS, Dry ash (ppm)	0563	54.17	0.1528	49.89	4.936	0.6822	6	0.87	4%	0
037.31	Zinc, AAS, Dry ash (ppm)	2097	178.0	8.000	49.89	4.936	0.6822	6	25.96	128%	1
037.33	Zinc, AAS, Microwave (ppm)	0010	50.00	0.0000				1			0
037.41	Zinc, ICP, Dry ash (ppm)	0598	42.65	0.6197	48.66	3.736	1.458	17	-1.61	6%	0
037.41	Zinc, ICP, Dry ash (ppm)	0910	44.00	0.0000	48.66	3.736	1.458	17	-1.25	5%	0
037.41	Zinc, ICP, Dry ash (ppm)	0208	45.10	1.580	48.66	3.736	1.458	17	-0.95	4%	0
037.41	Zinc, ICP, Dry ash (ppm)	0848	45.71	0.3200	48.66	3.736	1.458	17	-0.79	3%	0
037.41	Zinc, ICP, Dry ash (ppm)	0019	46.86	0.9400	48.66	3.736	1.458	17	-0.48	2%	0
037.41	Zinc, ICP, Dry ash (ppm)	0229	46.99	1.860	48.66	3.736	1.458	17	-0.45	2%	0
037.41	Zinc, ICP, Dry ash (ppm)	0653	47.48	0.2700	48.66	3.736	1.458	17	-0.32	1%	0
037.41	Zinc, ICP, Dry ash (ppm)	0520	47.56	2.212	48.66	3.736	1.458	17	-0.29	1%	0
037.41	Zinc, ICP, Dry ash (ppm)	0674	48.94	0.0000	48.66	3.736	1.458	17	0.08	0%	0
037.41	Zinc, ICP, Dry ash (ppm)	0049	49.06	6.880	48.66	3.736	1.458	17	0.11	0%	0
037.41	Zinc, ICP, Dry ash (ppm)	0354	49.30	2.590	48.66	3.736	1.458	17	0.17	1%	0
037.41	Zinc, ICP, Dry ash (ppm)	0098	49.73	0.1000	48.66	3.736	1.458	17	0.29	1%	0
037.41	Zinc, ICP, Dry ash (ppm)	0407	50.90	0.8732	48.66	3.736	1.458	17	0.60	2%	0
037.41	Zinc, ICP, Dry ash (ppm)	0226	51.62	1.490	48.66	3.736	1.458	17	0.79	3%	0
037.41	Zinc, ICP, Dry ash (ppm)	0004	53.14	2.320	48.66	3.736	1.458	17	1.20	5%	0
037.41	Zinc, ICP, Dry ash (ppm)	0171	53.51	1.020	48.66	3.736	1.458	17	1.30	5%	0
037.41	Zinc, ICP, Dry ash (ppm)	0148	55.41	1.710	48.66	3.736	1.458	17	1.81	7%	0
037.41	Zinc, ICP, Dry ash (ppm)	0123	36.90	8.400	48.66	3.736	1.458	17	-3.15	12%	1
037.42	Zinc, ICP, Open vessel (ppm)	0009	41.50	1.000	48.58	5.008	1.898	16	-1.41	7%	0
037.42	Zinc, ICP, Open vessel (ppm)	0870	42.35	0.8600	48.58	5.008	1.898	16	-1.24	6%	0
037.42	Zinc, ICP, Open vessel (ppm)	0045	44.35	1.100	48.58	5.008	1.898	16	-0.85	4%	0
037.42	Zinc, ICP, Open vessel (ppm)	2319	44.45	0.7000	48.58	5.008	1.898	16	-0.83	4%	0
037.42	Zinc, ICP, Open vessel (ppm)	0263	45.10	0.6070	48.58	5.008	1.898	16	-0.70	4%	0
037.42	Zinc, ICP, Open vessel (ppm)	0278	45.95	0.7000	48.58	5.008	1.898	16	-0.53	3%	0
037.42	Zinc, ICP, Open vessel (ppm)	0693	47.87	2.439	48.58	5.008	1.898	16	-0.14	1%	0
037.42	Zinc, ICP, Open vessel (ppm)	0037	48.00	1.200	48.58	5.008	1.898	16	-0.12	1%	0
037.42	Zinc, ICP, Open vessel (ppm)	0357	48.92	0.2040	48.58	5.008	1.898	16	0.07	0%	0
037.42	Zinc, ICP, Open vessel (ppm)	0265	49.80	7.400	48.58	5.008	1.898	16	0.24	1%	0
037.42	Zinc, ICP, Open vessel (ppm)	0692	50.50	4.800	48.58	5.008	1.898	16	0.38	2%	0
037.42	Zinc, ICP, Open vessel (ppm)	0726	51.40	0.0200	48.58	5.008	1.898	16	0.56	3%	0
037.42	Zinc, ICP, Open vessel (ppm)	0190	53.03	1.840	48.58	5.008	1.898	16	0.89	5%	0
037.42	Zinc, ICP, Open vessel (ppm)	0366	53.50	5.000	48.58	5.008	1.898	16	0.98	5%	0
037.42	Zinc, ICP, Open vessel (ppm)	0035	54.50	1.000	48.58	5.008	1.898	16	1.18	6%	0
037.42	Zinc, ICP, Open vessel (ppm)	0042	60.05	1.500	48.58	5.008	1.898	16	2.29	12%	0
037.42	Zinc, ICP, Open vessel (ppm)	2129	1,090	16.00	48.58	5.008	1.898	16	207.96	1072%	2
037.43	Zinc, ICP, Microwave (ppm)	0968	41.45	0.6270	49.19	6.292	1.187	21	-1.23	8%	0
037.43	Zinc, ICP, Microwave (ppm)	0511	41.50	3.000	49.19	6.292	1.187	21	-1.22	8%	0
037.43	Zinc, ICP, Microwave (ppm)	0202	42.50	1.000	49.19	6.292	1.187	21	-1.06	7%	0
037.43	Zinc, ICP, Microwave (ppm)	0297	43.00	0.0000	49.19	6.292	1.187	21	-0.98	6%	0



Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
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037.43	Zinc, ICP, Microwave (ppm)	0870	43.01	0.4200	49.19	6.292	1.187	21	-0.98	6%	0
037.43	Zinc, ICP, Microwave (ppm)	0918	45.14	0.0100	49.19	6.292	1.187	21	-0.64	4%	0
037.43	Zinc, ICP, Microwave (ppm)	0083	46.00	0.0000	49.19	6.292	1.187	21	-0.51	3%	0
037.43	Zinc, ICP, Microwave (ppm)	0425	47.25	0.6900	49.19	6.292	1.187	21	-0.31	2%	0
037.43	Zinc, ICP, Microwave (ppm)	0013	48.05	0.9000	49.19	6.292	1.187	21	-0.18	1%	0
037.43	Zinc, ICP, Microwave (ppm)	0345	48.55	0.1000	49.19	6.292	1.187	21	-0.10	1%	0
037.43	Zinc, ICP, Microwave (ppm)	0407	48.98	1.387	49.19	6.292	1.187	21	-0.03	0%	0
037.43	Zinc, ICP, Microwave (ppm)	2326	49.50	3.000	49.19	6.292	1.187	21	0.05	0%	0
037.43	Zinc, ICP, Microwave (ppm)	2089	50.52	0.8700	49.19	6.292	1.187	21	0.21	1%	0
037.43	Zinc, ICP, Microwave (ppm)	0169	50.85	1.500	49.19	6.292	1.187	21	0.26	2%	0
037.43	Zinc, ICP, Microwave (ppm)	0510	51.00	0.0000	49.19	6.292	1.187	21	0.29	2%	0
037.43	Zinc, ICP, Microwave (ppm)	0035	51.50	1.000	49.19	6.292	1.187	21	0.37	2%	0
037.43	Zinc, ICP, Microwave (ppm)	0033	51.61	0.0100	49.19	6.292	1.187	21	0.38	2%	0
037.43	Zinc, ICP, Microwave (ppm)	0505	56.73	0.8800	49.19	6.292	1.187	21	1.20	8%	0
037.43	Zinc, ICP, Microwave (ppm)	0011	59.80	1.400	49.19	6.292	1.187	21	1.69	11%	0
037.43	Zinc, ICP, Microwave (ppm)	0027	60.93	8.142	49.19	6.292	1.187	21	1.87	12%	0
037.43	Zinc, ICP, Microwave (ppm)	0682	71.56	0.0000	49.19	6.292	1.187	21	3.56	23%	0
037.43	Zinc, ICP, Microwave (ppm)	0353	92.00	12.00	49.19	6.292	1.187	21	6.80	44%	1
037.44	Zinc, ICP, Dry ash (ppm)	0066	41.45	0.6500				2			0
037.44	Zinc, ICP, Dry ash (ppm)	0164	44.50	1.000				2			0
037.52	Zinc, ICP-MS, Open vessel (ppm)	0047	55.75	8.060				1			0
037.53	Zinc, ICP-MS, Microwave (ppm)	0407	47.94	0.5729	49.81	2.744	2.561	4			0
037.53	Zinc, ICP-MS, Microwave (ppm)	0939	48.07	2.970	49.81	2.744	2.561	4			0
037.53	Zinc, ICP-MS, Microwave (ppm)	0553	49.45	0.3000	49.81	2.744	2.561	4			0
037.53	Zinc, ICP-MS, Microwave (ppm)	0572	53.80	6.400	49.81	2.744	2.561	4			0
037.99	Zinc, Miscellaneous (ppm)	0242	44.00	0.0000				3			0
037.99	Zinc, Miscellaneous (ppm)	0100	47.00	0.0000				3			0
037.99	Zinc, Miscellaneous (ppm)	2302	66.00	0.0000				3			0
038.41	Molybdenum, ICP, Dry ash (ppm)	0407	2.137	0.0162				3			0
038.41	Molybdenum, ICP, Dry ash (ppm)	0171	2.176	0.0130				3			0
038.41	Molybdenum, ICP, Dry ash (ppm)	0226	2.675	0.0300				3			0
038.41	Molybdenum, ICP, Dry ash (ppm)	0123	44.50	1.400				3			2
038.42	Molybdenum, ICP, Open vessel (ppm)	0278	2.495	0.0300				3			0
038.42	Molybdenum, ICP, Open vessel (ppm)	0693	2.613	0.1430				3			0
038.42	Molybdenum, ICP, Open vessel (ppm)	0045	3.090	0.1200				3			0
038.42	Molybdenum, ICP, Open vessel (ppm)	0265	4.575	0.7700				3			1
038.43	Molybdenum, ICP, Microwave (ppm)	0083	2.000	0.0000	2.491	0.4080	0.0863	8	-1.20	10%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0297	2.110	0.2600	2.491	0.4080	0.0863	8	-0.93	8%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0345	2.185	0.0300	2.491	0.4080	0.0863	8	-0.75	6%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0407	2.460	0.0701	2.491	0.4080	0.0863	8	-0.08	1%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0202	2.605	0.1300	2.491	0.4080	0.0863	8	0.28	2%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0964	2.785	0.0900	2.491	0.4080	0.0863	8	0.72	6%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
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038.43	Molybdenum, ICP, Microwave (ppm)	0510	2.850	0.1000	2.491	0.4080	0.0863	8	0.88	7%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0169	2.935	0.0100	2.491	0.4080	0.0863	8	1.09	9%	0
038.53	Molybdenum, ICP-MS, Microwave (ppm)	0407	2.314	0.2205				3			0
038.53	Molybdenum, ICP-MS, Microwave (ppm)	0553	2.525	0.0300				3			0
038.53	Molybdenum, ICP-MS, Microwave (ppm)	0164	2.610	0.0400				3			0
040.53	Barium, ICP-MS, Microwave (ppm)	0407	7.062	0.7513				1			0
041.53	Vanadium, ICP-MS, Microwave (ppm)	0553	0.0309	0.0003				2			0
041.53	Vanadium, ICP-MS, Microwave (ppm)	0407	0.0446	0.0045				2			0
042.00	Chloride, Titrimetric (%)	0948	0.0200	0.0000				2			0
042.00	Chloride, Titrimetric (%)	0226	0.0300	0.0000				2			0
042.01	Chloride, Ion-selective electrode (%)	2188	0.0300	0.0000				1			0
042.99	Chloride, Miscellaneous (%)	0297	0.0000	0.0000				0			4
101.99	Choline Chloride, Miscellaneous (ppm)	0227	3.000	0.2000				1			0
102.01	Niacin, Microbiological (ppm)	0227	25.95	0.7000				1			0
103.01	Pantothenic Acid, Microbiological (ppm)	0227	10.90	0.4000				1			0
104.00	Riboflavin, Fluorometric (ppm)	0227	2.780	0.0400				1			0
105.01	Thiamine, Fluorometer (ppm)	0227	3.165	0.0100				1			0
106.00	Vitamin A, Color (KU / kg)	0227	< 0.3					0			5
106.01	Vitamin A, UV (KU / kg)	0098	< 0.8					0			5
107.00	Vitamin B12, Microbiological (ppb)	0227	< 4.4					0			5
108.02	Vitamin D3, LC (KU / kg)	0227	< 0.04					0			5
109.02	Vitamin E, LC (IU / kg)	0227	12.70	0.2000				2			0
109.02	Vitamin E, LC (IU / kg)	0563	14.32	0.5783				2			0
109.02	Vitamin E, LC (IU / kg)	0098	< 40					2			5
111.00	Vitamin C, Phosphorylated, LC (ppm)	0227	< 4.4					0			5
112.01	Pyridoxine, LC (µg / g)	0227	5.690	0.0600				1			0
113.01	Folic Acid, Micro (ppm)	0227	2.815	0.2300				1			0
114.01	Biotin, Microbiological (ppm)	0227	0.4350	0.0180				1			0
115.00	Non Protein N (NPN), Urea + Am, Urease method (%)	0098	1.005	0.0300				1			0
118.99	Peroxide value, Miscellaneous (meq/kg)	0853	3.800	1.200				1			0
120.00	Alanine, Post-col Ninhydrin Der (%)	0353	1.790	0.0200	2.031	0.0568	0.0216	17	-4.24	6%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0918	1.942	0.0100	2.031	0.0568	0.0216	17	-1.57	2%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0968	1.975	0.0100	2.031	0.0568	0.0216	17	-0.99	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0652	2.000	0.0000	2.031	0.0568	0.0216	17	-0.55	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0941	2.004	0.0000	2.031	0.0568	0.0216	17	-0.48	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0504	2.010	0.0200	2.031	0.0568	0.0216	17	-0.37	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0682	2.012	0.0000	2.031	0.0568	0.0216	17	-0.34	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0226	2.020	0.0800	2.031	0.0568	0.0216	17	-0.20	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0684	2.025	0.0100	2.031	0.0568	0.0216	17	-0.11	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0910	2.030	0.0600	2.031	0.0568	0.0216	17	-0.02	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	2059	2.044	0.0020	2.031	0.0568	0.0216	17	0.22	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0675	2.070	0.0200	2.031	0.0568	0.0216	17	0.68	1%	0

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120.00	Alanine, Post-col Ninhydrin Der (%)	0571	2.078	0.0380	2.031	0.0568	0.0216	17	0.82	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0644	2.081	0.0070	2.031	0.0568	0.0216	17	0.87	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0354	2.081	0.0020	2.031	0.0568	0.0216	17	0.88	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0723	2.095	0.0300	2.031	0.0568	0.0216	17	1.12	2%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0859	2.115	0.0589	2.031	0.0568	0.0216	17	1.47	2%	0
120.02	Alanine, Post-col OPA Der (%)	0098	2.086	0.0280				1			0
120.05	Alanine, Pre-col AQC Der (%)	2246	1.840	0.0000	1.943	0.1028	0.0619	7	-1.00	3%	0
120.05	Alanine, Pre-col AQC Der (%)	0407	1.859	0.0630	1.943	0.1028	0.0619	7	-0.82	2%	0
120.05	Alanine, Pre-col AQC Der (%)	0242	1.860	0.1400	1.943	0.1028	0.0619	7	-0.80	2%	0
120.05	Alanine, Pre-col AQC Der (%)	0676	1.945	0.0100	1.943	0.1028	0.0619	7	0.02	0%	0
120.05	Alanine, Pre-col AQC Der (%)	0148	2.005	0.2100	1.943	0.1028	0.0619	7	0.61	2%	0
120.05	Alanine, Pre-col AQC Der (%)	2319	2.035	0.0100	1.943	0.1028	0.0619	7	0.90	2%	0
120.05	Alanine, Pre-col AQC Der (%)	2188	2.054	0.0000	1.943	0.1028	0.0619	7	1.09	3%	0
120.99	Alanine, Miscellaneous (%)	0227	2.100	0.0000				1			0
121.00	Arginine, Post-col Ninhydrin Der (%)	0353	3.100	0.0000	3.346	0.1022	0.0396	17	-2.41	4%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0226	3.195	0.0300	3.346	0.1022	0.0396	17	-1.48	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0918	3.196	0.0750	3.346	0.1022	0.0396	17	-1.48	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0684	3.285	0.1100	3.346	0.1022	0.0396	17	-0.60	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0652	3.325	0.0100	3.346	0.1022	0.0396	17	-0.21	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0675	3.330	0.0400	3.346	0.1022	0.0396	17	-0.16	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0968	3.330	0.0400	3.346	0.1022	0.0396	17	-0.16	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0504	3.345	0.0100	3.346	0.1022	0.0396	17	-0.01	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0941	3.350	0.0700	3.346	0.1022	0.0396	17	0.03	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0910	3.365	0.0900	3.346	0.1022	0.0396	17	0.18	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0354	3.379	0.0020	3.346	0.1022	0.0396	17	0.32	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	2059	3.384	0.0020	3.346	0.1022	0.0396	17	0.37	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0682	3.392	0.0000	3.346	0.1022	0.0396	17	0.45	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0859	3.419	0.0824	3.346	0.1022	0.0396	17	0.71	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0723	3.440	0.0800	3.346	0.1022	0.0396	17	0.92	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0644	3.463	0.0030	3.346	0.1022	0.0396	17	1.14	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0571	3.533	0.0290	3.346	0.1022	0.0396	17	1.82	3%	0
121.02	Arginine, Post-col OPA Der (%)	0098	3.299	0.0280				1			0
121.05	Arginine, Pre-col AQC Der (%)	2246	3.170	0.1000	3.349	0.1261	0.0827	7	-1.42	3%	0
121.05	Arginine, Pre-col AQC Der (%)	0148	3.265	0.3100	3.349	0.1261	0.0827	7	-0.67	1%	0
121.05	Arginine, Pre-col AQC Der (%)	0407	3.307	0.0390	3.349	0.1261	0.0827	7	-0.34	1%	0
121.05	Arginine, Pre-col AQC Der (%)	0676	3.350	0.0000	3.349	0.1261	0.0827	7	0.01	0%	0
121.05	Arginine, Pre-col AQC Der (%)	2319	3.420	0.0000	3.349	0.1261	0.0827	7	0.56	1%	0
121.05	Arginine, Pre-col AQC Der (%)	2188	3.448	0.0000	3.349	0.1261	0.0827	7	0.78	1%	0
121.05	Arginine, Pre-col AQC Der (%)	0242	3.485	0.1300	3.349	0.1261	0.0827	7	1.08	2%	0
121.99	Arginine, Miscellaneous (%)	0227	3.415	0.0300				1			0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0941	5.085	0.0500	5.350	0.1282	0.0293	16	-2.07	2%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0918	5.167	0.0190	5.350	0.1282	0.0293	16	-1.43	2%	0

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122.00	Aspartic, Post-col Ninhydrin Der (%)	0652	5.255	0.0300	5.350	0.1282	0.0293	16	-0.74	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0682	5.268	0.0000	5.350	0.1282	0.0293	16	-0.64	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0684	5.285	0.0300	5.350	0.1282	0.0293	16	-0.51	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0504	5.300	0.0200	5.350	0.1282	0.0293	16	-0.39	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0354	5.317	0.0100	5.350	0.1282	0.0293	16	-0.26	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0675	5.320	0.0200	5.350	0.1282	0.0293	16	-0.23	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0910	5.330	0.0200	5.350	0.1282	0.0293	16	-0.16	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	2059	5.379	0.0200	5.350	0.1282	0.0293	16	0.23	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0859	5.417	0.1230	5.350	0.1282	0.0293	16	0.52	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0968	5.430	0.0200	5.350	0.1282	0.0293	16	0.62	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0571	5.469	0.0030	5.350	0.1282	0.0293	16	0.92	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0644	5.477	0.0030	5.350	0.1282	0.0293	16	0.99	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0353	5.510	0.0200	5.350	0.1282	0.0293	16	1.25	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0723	5.520	0.0800	5.350	0.1282	0.0293	16	1.33	2%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0226	5.670	0.2400	5.350	0.1282	0.0293	16	2.50	3%	1
122.02	Aspartic, Post-col OPA Der (%)	0098	5.358	0.0340				1			0
122.05	Aspartic, Pre-col AQC Der (%)	0407	4.454	0.2180	5.096	0.5652	0.2026	7	-1.14	6%	0
122.05	Aspartic, Pre-col AQC Der (%)	2246	4.715	0.0500	5.096	0.5652	0.2026	7	-0.67	4%	0
122.05	Aspartic, Pre-col AQC Der (%)	0242	4.800	0.4600	5.096	0.5652	0.2026	7	-0.52	3%	0
122.05	Aspartic, Pre-col AQC Der (%)	2188	4.905	0.0000	5.096	0.5652	0.2026	7	-0.34	2%	0
122.05	Aspartic, Pre-col AQC Der (%)	0148	5.415	0.4700	5.096	0.5652	0.2026	7	0.57	3%	0
122.05	Aspartic, Pre-col AQC Der (%)	2319	5.660	0.0800	5.096	0.5652	0.2026	7	1.00	6%	0
122.05	Aspartic, Pre-col AQC Der (%)	0676	5.720	0.1400	5.096	0.5652	0.2026	7	1.10	6%	0
122.99	Aspartic, Miscellaneous (%)	0227	5.535	0.0300				1			0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0353	0.5600	0.0200	0.6524	0.0496	0.0113	16	-1.86	7%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0652	0.5900	0.0000	0.6524	0.0496	0.0113	16	-1.26	5%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	2059	0.6080	0.0060	0.6524	0.0496	0.0113	16	-0.89	3%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0941	0.6235	0.0130	0.6524	0.0496	0.0113	16	-0.58	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0684	0.6250	0.0100	0.6524	0.0496	0.0113	16	-0.55	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0644	0.6305	0.0030	0.6524	0.0496	0.0113	16	-0.44	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0859	0.6363	0.0040	0.6524	0.0496	0.0113	16	-0.32	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0910	0.6450	0.0100	0.6524	0.0496	0.0113	16	-0.15	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0918	0.6450	0.0300	0.6524	0.0496	0.0113	16	-0.15	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0354	0.6510	0.0080	0.6524	0.0496	0.0113	16	-0.03	0%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0571	0.6855	0.0170	0.6524	0.0496	0.0113	16	0.67	3%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0504	0.6950	0.0100	0.6524	0.0496	0.0113	16	0.86	3%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0968	0.6950	0.0100	0.6524	0.0496	0.0113	16	0.86	3%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0226	0.7000	0.0200	0.6524	0.0496	0.0113	16	0.96	4%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0723	0.7100	0.0200	0.6524	0.0496	0.0113	16	1.16	4%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0682	0.7200	0.0000	0.6524	0.0496	0.0113	16	1.36	5%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0675	0.9300	0.0600	0.6524	0.0496	0.0113	16	5.59	21%	1
124.02	Cysteine/Cystine, PAO Post-col OPA Der (%)	0098	0.6735	0.0170				1			0



Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
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124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0148	0.5175	0.1190	0.6337	0.0920	0.0368	7	-1.26	9%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	2246	0.5800	0.0000	0.6337	0.0920	0.0368	7	-0.58	4%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	2319	0.6100	0.0000	0.6337	0.0920	0.0368	7	-0.26	2%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0407	0.6194	0.0787	0.6337	0.0920	0.0368	7	-0.16	1%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	2188	0.6390	0.0000	0.6337	0.0920	0.0368	7	0.06	0%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0676	0.7050	0.0100	0.6337	0.0920	0.0368	7	0.77	6%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0242	0.7650	0.0500	0.6337	0.0920	0.0368	7	1.43	10%	0
124.99	Cysteine/Cystine, Miscellaneous (%)	0227	0.6300	0.0000				1			0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0918	8.228	0.0290	8.608	0.2316	0.0712	16	-1.64	2%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0910	8.420	0.1800	8.608	0.2316	0.0712	16	-0.81	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0652	8.440	0.0000	8.608	0.2316	0.0712	16	-0.73	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0675	8.455	0.0700	8.608	0.2316	0.0712	16	-0.66	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	2059	8.461	0.0350	8.608	0.2316	0.0712	16	-0.64	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0684	8.465	0.0500	8.608	0.2316	0.0712	16	-0.62	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0504	8.470	0.0600	8.608	0.2316	0.0712	16	-0.60	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0968	8.545	0.0300	8.608	0.2316	0.0712	16	-0.27	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0941	8.575	0.0000	8.608	0.2316	0.0712	16	-0.14	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0354	8.646	0.0460	8.608	0.2316	0.0712	16	0.16	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0571	8.736	0.2090	8.608	0.2316	0.0712	16	0.55	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0353	8.750	0.0800	8.608	0.2316	0.0712	16	0.61	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0859	8.798	0.1928	8.608	0.2316	0.0712	16	0.82	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0644	8.800	0.0070	8.608	0.2316	0.0712	16	0.83	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0723	8.955	0.1500	8.608	0.2316	0.0712	16	1.50	2%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0682	8.971	0.0000	8.608	0.2316	0.0712	16	1.57	2%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0226	9.070	0.4200	8.608	0.2316	0.0712	16	1.99	3%	1
125.02	Glutamic, Post-col OPA Der (%)	0098	8.449	0.1130				1			0
125.05	Glutamic, Pre-col AQC Der (%)	0407	7.480	0.1780	8.301	0.5911	0.2080	6	-1.39	5%	0
125.05	Glutamic, Pre-col AQC Der (%)	2246	7.855	0.0300	8.301	0.5911	0.2080	6	-0.75	3%	0
125.05	Glutamic, Pre-col AQC Der (%)	2188	8.438	0.0000	8.301	0.5911	0.2080	6	0.23	1%	0
125.05	Glutamic, Pre-col AQC Der (%)	0676	8.510	0.2600	8.301	0.5911	0.2080	6	0.35	1%	0
125.05	Glutamic, Pre-col AQC Der (%)	2319	8.730	0.0400	8.301	0.5911	0.2080	6	0.73	3%	0
125.05	Glutamic, Pre-col AQC Der (%)	0148	8.790	0.7400	8.301	0.5911	0.2080	6	0.83	3%	0
125.99	Glutamic, Miscellaneous (%)	0227	8.940	0.0400				1			0
126.00	Glycine, Post-col Ninhydrin Der (%)	0918	1.850	0.0050	1.976	0.0490	0.0272	17	-2.57	3%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0353	1.900	0.0400	1.976	0.0490	0.0272	17	-1.54	2%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0652	1.925	0.0300	1.976	0.0490	0.0272	17	-1.03	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0684	1.940	0.0200	1.976	0.0490	0.0272	17	-0.73	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0910	1.950	0.0400	1.976	0.0490	0.0272	17	-0.52	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0968	1.955	0.0100	1.976	0.0490	0.0272	17	-0.42	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0941	1.966	0.0600	1.976	0.0490	0.0272	17	-0.20	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0504	1.970	0.0200	1.976	0.0490	0.0272	17	-0.11	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	2059	1.978	0.0080	1.976	0.0490	0.0272	17	0.05	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
126.00	Glycine, Post-col Ninhydrin Der (%)	0723	1.990	0.0200	1.976	0.0490	0.0272	17	0.29	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0354	1.992	0.0170	1.976	0.0490	0.0272	17	0.32	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0226	1.995	0.0700	1.976	0.0490	0.0272	17	0.40	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0675	1.995	0.0100	1.976	0.0490	0.0272	17	0.40	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0682	2.019	0.0000	1.976	0.0490	0.0272	17	0.88	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0571	2.028	0.0450	1.976	0.0490	0.0272	17	1.06	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0859	2.036	0.0596	1.976	0.0490	0.0272	17	1.22	2%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0644	2.044	0.0080	1.976	0.0490	0.0272	17	1.39	2%	0
126.01	Glycine, Pre-col OPA Der (%)	0948	1.720	0.1440				1			0
126.02	Glycine, Post-col OPA Der (%)	0098	2.000	0.0840				1			0
126.05	Glycine, Pre-col AQC Der (%)	0148	1.885	0.1900	1.923	0.0467	0.0506	7	-0.82	1%	0
126.05	Glycine, Pre-col AQC Der (%)	2246	1.890	0.0000	1.923	0.0467	0.0506	7	-0.71	1%	0
126.05	Glycine, Pre-col AQC Der (%)	0676	1.895	0.0500	1.923	0.0467	0.0506	7	-0.60	1%	0
126.05	Glycine, Pre-col AQC Der (%)	2319	1.900	0.0200	1.923	0.0467	0.0506	7	-0.50	1%	0
126.05	Glycine, Pre-col AQC Der (%)	2188	1.949	0.0000	1.923	0.0467	0.0506	7	0.55	1%	0
126.05	Glycine, Pre-col AQC Der (%)	0242	1.950	0.0800	1.923	0.0467	0.0506	7	0.57	1%	0
126.05	Glycine, Pre-col AQC Der (%)	0407	2.179	0.0140	1.923	0.0467	0.0506	7	5.47	7%	0
126.99	Glycine, Miscellaneous (%)	0227	2.050	0.0200				1			0
127.00	Histidine, Post-col Ninhydrin Der (%)	0226	1.105	0.0500	1.202	0.0540	0.0190	17	-1.80	4%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0918	1.116	0.0170	1.202	0.0540	0.0190	17	-1.60	4%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0682	1.133	0.0000	1.202	0.0540	0.0190	17	-1.28	3%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0504	1.145	0.0100	1.202	0.0540	0.0190	17	-1.06	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0910	1.180	0.0400	1.202	0.0540	0.0190	17	-0.41	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0354	1.197	0.0060	1.202	0.0540	0.0190	17	-0.09	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0684	1.200	0.0200	1.202	0.0540	0.0190	17	-0.04	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0675	1.205	0.0100	1.202	0.0540	0.0190	17	0.05	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0353	1.210	0.0200	1.202	0.0540	0.0190	17	0.15	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0723	1.210	0.0000	1.202	0.0540	0.0190	17	0.15	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	2059	1.218	0.0060	1.202	0.0540	0.0190	17	0.30	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0859	1.223	0.0307	1.202	0.0540	0.0190	17	0.39	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0571	1.249	0.0040	1.202	0.0540	0.0190	17	0.87	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0968	1.250	0.0200	1.202	0.0540	0.0190	17	0.89	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0941	1.253	0.0380	1.202	0.0540	0.0190	17	0.94	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0644	1.255	0.0010	1.202	0.0540	0.0190	17	0.97	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0652	1.265	0.0500	1.202	0.0540	0.0190	17	1.17	3%	0
127.02	Histidine, Post-col OPA Der (%)	0098	1.206	0.0120				1			0
127.05	Histidine, Pre-col AQC Der (%)	0676	1.005	0.0900	1.212	0.1216	0.0546	7	-1.70	9%	0
127.05	Histidine, Pre-col AQC Der (%)	2188	1.132	0.0000	1.212	0.1216	0.0546	7	-0.66	3%	0
127.05	Histidine, Pre-col AQC Der (%)	0148	1.200	0.1600	1.212	0.1216	0.0546	7	-0.10	0%	0
127.05	Histidine, Pre-col AQC Der (%)	2246	1.215	0.0500	1.212	0.1216	0.0546	7	0.03	0%	0
127.05	Histidine, Pre-col AQC Der (%)	2319	1.265	0.0100	1.212	0.1216	0.0546	7	0.44	2%	0
127.05	Histidine, Pre-col AQC Der (%)	0242	1.285	0.0500	1.212	0.1216	0.0546	7	0.60	3%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
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127.05	Histidine, Pre-col AQC Der (%)	0407	1.357	0.0220	1.212	0.1216	0.0546	7	1.19	6%	0
127.99	Histidine, Miscellaneous (%)	0227	1.275	0.0100				1			0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0353	1.825	0.0300	2.101	0.1514	0.0388	17	-1.82	7%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0918	1.909	0.0030	2.101	0.1514	0.0388	17	-1.27	5%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0226	1.975	0.1500	2.101	0.1514	0.0388	17	-0.83	3%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0723	1.975	0.1100	2.101	0.1514	0.0388	17	-0.83	3%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0354	1.975	0.0040	2.101	0.1514	0.0388	17	-0.83	3%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0652	2.055	0.0100	2.101	0.1514	0.0388	17	-0.30	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0968	2.055	0.0100	2.101	0.1514	0.0388	17	-0.30	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0910	2.090	0.0400	2.101	0.1514	0.0388	17	-0.07	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0684	2.115	0.1100	2.101	0.1514	0.0388	17	0.09	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0859	2.120	0.0330	2.101	0.1514	0.0388	17	0.13	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0682	2.130	0.0000	2.101	0.1514	0.0388	17	0.19	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	2059	2.160	0.0020	2.101	0.1514	0.0388	17	0.39	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0941	2.163	0.0510	2.101	0.1514	0.0388	17	0.41	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0571	2.214	0.0510	2.101	0.1514	0.0388	17	0.75	3%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0675	2.255	0.0100	2.101	0.1514	0.0388	17	1.02	4%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0504	2.320	0.0400	2.101	0.1514	0.0388	17	1.45	5%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0644	2.333	0.0060	2.101	0.1514	0.0388	17	1.53	6%	0
128.02	Isoleucine, Post-col OPA Der (%)	0098	2.161	0.0390				1			0
128.05	Isoleucine, Pre-col AQC Der (%)	2319	1.690	0.0200	2.004	0.1913	0.0256	5			0
128.05	Isoleucine, Pre-col AQC Der (%)	0676	1.985	0.0300	2.004	0.1913	0.0256	5			0
128.05	Isoleucine, Pre-col AQC Der (%)	2246	2.045	0.0100	2.004	0.1913	0.0256	5			0
128.05	Isoleucine, Pre-col AQC Der (%)	0407	2.108	0.0680	2.004	0.1913	0.0256	5			0
128.05	Isoleucine, Pre-col AQC Der (%)	2188	2.191	0.0000	2.004	0.1913	0.0256	5			0
128.05	Isoleucine, Pre-col AQC Der (%)	0148	2.130	0.3000	2.004	0.1913	0.0256	5			1
128.99	Isoleucine, Miscellaneous (%)	0227	2.215	0.0300				1			0
129.00	Leucine, Post-col Ninhydrin Der (%)	0918	3.439	0.0400	3.577	0.0938	0.0373	17	-1.47	2%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0652	3.455	0.0100	3.577	0.0938	0.0373	17	-1.30	2%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0684	3.460	0.0000	3.577	0.0938	0.0373	17	-1.25	2%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0910	3.515	0.0500	3.577	0.0938	0.0373	17	-0.66	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0968	3.530	0.0600	3.577	0.0938	0.0373	17	-0.50	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0941	3.540	0.0660	3.577	0.0938	0.0373	17	-0.40	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0723	3.550	0.0200	3.577	0.0938	0.0373	17	-0.29	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	2059	3.564	0.0040	3.577	0.0938	0.0373	17	-0.14	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0859	3.576	0.0907	3.577	0.0938	0.0373	17	-0.02	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0353	3.610	0.1000	3.577	0.0938	0.0373	17	0.35	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0571	3.617	0.0230	3.577	0.0938	0.0373	17	0.42	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0226	3.620	0.1400	3.577	0.0938	0.0373	17	0.46	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0504	3.620	0.0000	3.577	0.0938	0.0373	17	0.46	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0682	3.629	0.0000	3.577	0.0938	0.0373	17	0.55	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0354	3.662	0.0050	3.577	0.0938	0.0373	17	0.90	1%	0

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129.00	Leucine, Post-col Ninhydrin Der (%)	0644	3.710	0.0050	3.577	0.0938	0.0373	17	1.41	2%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0675	3.730	0.0200	3.577	0.0938	0.0373	17	1.63	2%	0
129.02	Leucine, Post-col OPA Der (%)	0098	3.610	0.0030				1			0
129.05	Leucine, Pre-col AQC Der (%)	2319	3.330	0.0000	3.467	0.1204	0.0984	7	-1.14	2%	0
129.05	Leucine, Pre-col AQC Der (%)	0407	3.348	0.1090	3.467	0.1204	0.0984	7	-0.99	2%	0
129.05	Leucine, Pre-col AQC Der (%)	0676	3.445	0.0300	3.467	0.1204	0.0984	7	-0.18	0%	0
129.05	Leucine, Pre-col AQC Der (%)	0242	3.485	0.1700	3.467	0.1204	0.0984	7	0.15	0%	0
129.05	Leucine, Pre-col AQC Der (%)	2246	3.495	0.0100	3.467	0.1204	0.0984	7	0.24	0%	0
129.05	Leucine, Pre-col AQC Der (%)	0148	3.525	0.3700	3.467	0.1204	0.0984	7	0.48	1%	0
129.05	Leucine, Pre-col AQC Der (%)	2188	3.639	0.0000	3.467	0.1204	0.0984	7	1.43	2%	0
129.99	Leucine, Miscellaneous (%)	0227	3.780	0.0200				1			0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0682	2.637	0.0000	2.893	0.1005	0.0296	17	-2.55	4%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0353	2.755	0.0100	2.893	0.1005	0.0296	17	-1.37	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0652	2.780	0.0200	2.893	0.1005	0.0296	17	-1.12	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0226	2.795	0.1100	2.893	0.1005	0.0296	17	-0.97	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0910	2.850	0.0200	2.893	0.1005	0.0296	17	-0.43	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0354	2.862	0.0510	2.893	0.1005	0.0296	17	-0.31	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0684	2.870	0.0200	2.893	0.1005	0.0296	17	-0.23	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0941	2.900	0.0000	2.893	0.1005	0.0296	17	0.07	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0968	2.900	0.0000	2.893	0.1005	0.0296	17	0.07	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0675	2.920	0.0600	2.893	0.1005	0.0296	17	0.27	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0723	2.920	0.0200	2.893	0.1005	0.0296	17	0.27	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	2059	2.921	0.0020	2.893	0.1005	0.0296	17	0.28	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0859	2.947	0.0515	2.893	0.1005	0.0296	17	0.54	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0644	2.972	0.0100	2.893	0.1005	0.0296	17	0.79	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0571	2.981	0.0380	2.893	0.1005	0.0296	17	0.88	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0504	3.020	0.0200	2.893	0.1005	0.0296	17	1.27	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0918	3.089	0.0700	2.893	0.1005	0.0296	17	1.95	3%	0
130.02	L-Lysine, Post-col OPA Der (%)	0098	3.032	0.0330				1			0
130.05	L-Lysine, Pre-col AQC Der (%)	0407	2.352	0.0130	2.837	0.3822	0.1061	7	-1.27	9%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0242	2.675	0.3500	2.837	0.3822	0.1061	7	-0.42	3%	0
130.05	L-Lysine, Pre-col AQC Der (%)	2188	2.731	0.0000	2.837	0.3822	0.1061	7	-0.28	2%	0
130.05	L-Lysine, Pre-col AQC Der (%)	2246	2.735	0.0300	2.837	0.3822	0.1061	7	-0.27	2%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0148	2.855	0.2300	2.837	0.3822	0.1061	7	0.05	0%	0
130.05	L-Lysine, Pre-col AQC Der (%)	2319	3.100	0.0400	2.837	0.3822	0.1061	7	0.69	5%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0676	3.530	0.0800	2.837	0.3822	0.1061	7	1.81	12%	0
130.99	L-Lysine, Miscellaneous (%)	0227	3.095	0.1500				1			0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0941	0.5650	0.0040	0.6355	0.0427	0.0089	16	-1.65	6%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0354	0.5840	0.0040	0.6355	0.0427	0.0089	16	-1.21	4%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0918	0.5900	0.0400	0.6355	0.0427	0.0089	16	-1.07	4%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0652	0.6050	0.0100	0.6355	0.0427	0.0089	16	-0.72	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0353	0.6150	0.0100	0.6355	0.0427	0.0089	16	-0.48	2%	0



Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0684	0.6150	0.0100	0.6355	0.0427	0.0089	16	-0.48	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0723	0.6200	0.0200	0.6355	0.0427	0.0089	16	-0.36	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0226	0.6300	0.0000	0.6355	0.0427	0.0089	16	-0.13	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0859	0.6415	0.0125	0.6355	0.0427	0.0089	16	0.14	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	2059	0.6540	0.0080	0.6355	0.0427	0.0089	16	0.43	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0571	0.6550	0.0040	0.6355	0.0427	0.0089	16	0.46	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0504	0.6600	0.0000	0.6355	0.0427	0.0089	16	0.57	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0682	0.6730	0.0000	0.6355	0.0427	0.0089	16	0.88	3%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0644	0.6750	0.0000	0.6355	0.0427	0.0089	16	0.92	3%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0910	0.6800	0.0200	0.6355	0.0427	0.0089	16	1.04	3%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0968	0.7000	0.0000	0.6355	0.0427	0.0089	16	1.51	5%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0675	0.8150	0.0700	0.6355	0.0427	0.0089	16	4.20	14%	1
131.02	Methionine, PAO Post-col OPA Der (%)	0098	0.6565	0.0090				1			0
131.05	Methionine, PAO Pre-col AQC Der (%)	2246	0.4900	0.0000	0.6308	0.1088	0.0142	6	-1.29	11%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	0148	0.5925	0.0650	0.6308	0.1088	0.0142	6	-0.35	3%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	2188	0.6220	0.0000	0.6308	0.1088	0.0142	6	-0.08	1%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	0242	0.6350	0.0100	0.6308	0.1088	0.0142	6	0.04	0%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	2319	0.6600	0.0000	0.6308	0.1088	0.0142	6	0.27	2%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	0676	0.7850	0.0100	0.6308	0.1088	0.0142	6	1.42	12%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	0407	0.5241	0.1590	0.6308	0.1088	0.0142	6	-0.98	8%	1
131.99	Methionine, Miscellaneous (%)	0227	0.7100	0.0000				1			0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0682	1.992	0.0000	2.370	0.0913	0.0371	17	-4.14	8%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0226	2.260	0.1000	2.370	0.0913	0.0371	17	-1.21	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0968	2.290	0.0400	2.370	0.0913	0.0371	17	-0.88	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0684	2.310	0.0800	2.370	0.0913	0.0371	17	-0.66	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0723	2.315	0.0100	2.370	0.0913	0.0371	17	-0.60	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0675	2.325	0.0300	2.370	0.0913	0.0371	17	-0.49	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0652	2.330	0.0200	2.370	0.0913	0.0371	17	-0.44	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0910	2.335	0.0300	2.370	0.0913	0.0371	17	-0.38	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0354	2.356	0.0220	2.370	0.0913	0.0371	17	-0.15	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	2059	2.369	0.0030	2.370	0.0913	0.0371	17	-0.02	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0941	2.399	0.1450	2.370	0.0913	0.0371	17	0.31	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0504	2.425	0.0100	2.370	0.0913	0.0371	17	0.60	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0571	2.446	0.0440	2.370	0.0913	0.0371	17	0.83	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0918	2.451	0.0060	2.370	0.0913	0.0371	17	0.89	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0644	2.464	0.0010	2.370	0.0913	0.0371	17	1.02	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0353	2.490	0.0400	2.370	0.0913	0.0371	17	1.31	3%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0859	2.495	0.0498	2.370	0.0913	0.0371	17	1.36	3%	0
132.01	Phenylalanine, Pre-col OPA Der (%)	0948	2.279	0.2510				1			0
132.02	Phenylalanine, Post-col OPA Der (%)	0098	2.337	0.0070				1			0
132.05	Phenylalanine, Pre-col AQC Der (%)	2319	2.270	0.0000	2.439	0.1864	0.0455	6	-0.91	3%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	0676	2.290	0.0400	2.439	0.1864	0.0455	6	-0.80	3%	0

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132.05	Phenylalanine, Pre-col AQC Der (%)	2246	2.405	0.1300	2.439	0.1864	0.0455	6	-0.18	1%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	0242	2.440	0.0600	2.439	0.1864	0.0455	6	0.01	0%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	2188	2.510	0.0000	2.439	0.1864	0.0455	6	0.38	1%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	0407	2.771	0.0430	2.439	0.1864	0.0455	6	1.78	7%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	0148	2.800	0.7000	2.439	0.1864	0.0455	6	1.94	7%	1
132.99	Phenylalanine, Miscellaneous (%)	0227	2.465	0.0100				1			0
133.00	Proline, Post-col Ninhydrin Der (%)	0859	1.131	0.0152	2.389	0.2384	0.0318	16	-5.28	26%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0682	1.295	0.0000	2.389	0.2384	0.0318	16	-4.59	23%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0652	2.200	0.0400	2.389	0.2384	0.0318	16	-0.79	4%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0504	2.225	0.0100	2.389	0.2384	0.0318	16	-0.69	3%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0941	2.284	0.0600	2.389	0.2384	0.0318	16	-0.44	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	2059	2.304	0.0090	2.389	0.2384	0.0318	16	-0.36	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0684	2.355	0.0100	2.389	0.2384	0.0318	16	-0.14	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0723	2.380	0.0400	2.389	0.2384	0.0318	16	-0.04	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0226	2.410	0.0600	2.389	0.2384	0.0318	16	0.09	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0644	2.442	0.0060	2.389	0.2384	0.0318	16	0.22	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0354	2.446	0.0670	2.389	0.2384	0.0318	16	0.24	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0571	2.471	0.0090	2.389	0.2384	0.0318	16	0.34	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0353	2.600	0.0200	2.389	0.2384	0.0318	16	0.88	4%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0675	2.630	0.0200	2.389	0.2384	0.0318	16	1.01	5%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0968	2.675	0.0500	2.389	0.2384	0.0318	16	1.20	6%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0918	3.966	0.0930	2.389	0.2384	0.0318	16	6.61	33%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0910	1.685	1.210	2.389	0.2384	0.0318	16	-2.95	15%	1
133.05	Proline, Pre-col AQC Der (%)	2246	2.160	0.0000	2.363	0.1831	0.0680	7	-1.11	4%	0
133.05	Proline, Pre-col AQC Der (%)	0407	2.209	0.0960	2.363	0.1831	0.0680	7	-0.84	3%	0
133.05	Proline, Pre-col AQC Der (%)	0242	2.305	0.0900	2.363	0.1831	0.0680	7	-0.32	1%	0
133.05	Proline, Pre-col AQC Der (%)	0148	2.320	0.2000	2.363	0.1831	0.0680	7	-0.24	1%	0
133.05	Proline, Pre-col AQC Der (%)	2188	2.435	0.0000	2.363	0.1831	0.0680	7	0.39	2%	0
133.05	Proline, Pre-col AQC Der (%)	2319	2.505	0.0100	2.363	0.1831	0.0680	7	0.77	3%	0
133.05	Proline, Pre-col AQC Der (%)	0676	2.610	0.0800	2.363	0.1831	0.0680	7	1.35	5%	0
133.99	Proline, Miscellaneous (%)	0227	2.365	0.1100				1			0
134.00	Serine, Post-col Ninhydrin Der (%)	0504	1.960	0.0200	2.352	0.1428	0.0259	17	-2.75	8%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0675	2.000	0.0200	2.352	0.1428	0.0259	17	-2.47	7%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0918	2.208	0.0460	2.352	0.1428	0.0259	17	-1.01	3%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0644	2.248	0.0140	2.352	0.1428	0.0259	17	-0.73	2%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0941	2.262	0.0160	2.352	0.1428	0.0259	17	-0.63	2%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0684	2.295	0.0500	2.352	0.1428	0.0259	17	-0.40	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0652	2.320	0.0200	2.352	0.1428	0.0259	17	-0.23	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0910	2.350	0.0000	2.352	0.1428	0.0259	17	-0.02	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0968	2.375	0.0100	2.352	0.1428	0.0259	17	0.16	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	2059	2.377	0.0080	2.352	0.1428	0.0259	17	0.17	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0571	2.384	0.0230	2.352	0.1428	0.0259	17	0.22	1%	0

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134.00	Serine, Post-col Ninhydrin Der (%)	0354	2.415	0.0270	2.352	0.1428	0.0259	17	0.44	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0859	2.431	0.0459	2.352	0.1428	0.0259	17	0.55	2%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0682	2.480	0.0000	2.352	0.1428	0.0259	17	0.89	3%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0353	2.495	0.0500	2.352	0.1428	0.0259	17	1.00	3%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0723	2.525	0.0100	2.352	0.1428	0.0259	17	1.21	4%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0226	2.550	0.0800	2.352	0.1428	0.0259	17	1.38	4%	0
134.01	Serine, Pre-col OPA Der (%)	0948	2.291	0.3080				1			0
134.02	Serine, Post-col OPA Der (%)	0098	2.234	0.0020				1			0
134.05	Serine, Pre-col AQC Der (%)	0407	1.825	0.0360	2.295	0.3200	0.0409	7	-1.47	10%	0
134.05	Serine, Pre-col AQC Der (%)	0676	2.030	0.0200	2.295	0.3200	0.0409	7	-0.83	6%	0
134.05	Serine, Pre-col AQC Der (%)	2188	2.313	0.0000	2.295	0.3200	0.0409	7	0.06	0%	0
134.05	Serine, Pre-col AQC Der (%)	0242	2.350	0.0400	2.295	0.3200	0.0409	7	0.17	1%	0
134.05	Serine, Pre-col AQC Der (%)	0148	2.370	0.1200	2.295	0.3200	0.0409	7	0.24	2%	0
134.05	Serine, Pre-col AQC Der (%)	2246	2.530	0.0600	2.295	0.3200	0.0409	7	0.74	5%	0
134.05	Serine, Pre-col AQC Der (%)	2319	2.645	0.0100	2.295	0.3200	0.0409	7	1.09	8%	0
134.99	Serine, Miscellaneous (%)	0227	2.480	0.0200				1			0
135.00	Threonine, Post-col Ninhydrin Der (%)	0675	1.715	0.0100	1.865	0.0807	0.0179	17	-1.86	4%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0226	1.755	0.0700	1.865	0.0807	0.0179	17	-1.37	3%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0504	1.795	0.0100	1.865	0.0807	0.0179	17	-0.87	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0652	1.795	0.0100	1.865	0.0807	0.0179	17	-0.87	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0910	1.810	0.0600	1.865	0.0807	0.0179	17	-0.69	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0644	1.833	0.0020	1.865	0.0807	0.0179	17	-0.40	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0684	1.850	0.0000	1.865	0.0807	0.0179	17	-0.19	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0941	1.852	0.0000	1.865	0.0807	0.0179	17	-0.17	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	2059	1.855	0.0020	1.865	0.0807	0.0179	17	-0.13	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0571	1.880	0.0180	1.865	0.0807	0.0179	17	0.18	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0354	1.904	0.0050	1.865	0.0807	0.0179	17	0.47	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0859	1.909	0.0413	1.865	0.0807	0.0179	17	0.53	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0682	1.914	0.0000	1.865	0.0807	0.0179	17	0.60	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0353	1.925	0.0100	1.865	0.0807	0.0179	17	0.74	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0723	1.940	0.0400	1.865	0.0807	0.0179	17	0.92	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0968	1.965	0.0100	1.865	0.0807	0.0179	17	1.23	3%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0918	2.020	0.0160	1.865	0.0807	0.0179	17	1.92	4%	0
135.01	Threonine, Pre-col OPA Der (%)	0948	1.677	0.3250				1			0
135.02	Threonine, Post-col OPA Der (%)	0098	1.834	0.0310				1			0
135.05	Threonine, Pre-col AQC Der (%)	0407	1.497	0.0490	1.818	0.1509	0.0513	7	-2.13	9%	0
135.05	Threonine, Pre-col AQC Der (%)	0676	1.730	0.0000	1.818	0.1509	0.0513	7	-0.58	2%	0
135.05	Threonine, Pre-col AQC Der (%)	2188	1.787	0.0000	1.818	0.1509	0.0513	7	-0.20	1%	0
135.05	Threonine, Pre-col AQC Der (%)	0148	1.845	0.1500	1.818	0.1509	0.0513	7	0.18	1%	0
135.05	Threonine, Pre-col AQC Der (%)	0242	1.850	0.1000	1.818	0.1509	0.0513	7	0.21	1%	0
135.05	Threonine, Pre-col AQC Der (%)	2319	1.915	0.0100	1.818	0.1509	0.0513	7	0.65	3%	0
135.05	Threonine, Pre-col AQC Der (%)	2246	2.005	0.0500	1.818	0.1509	0.0513	7	1.24	5%	0

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135.99	Threonine, Miscellaneous (%)	0227	1.930	0.0000				1			0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0227	0.7000	0.0000				2			0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0918	0.7100	0.0000				2			0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0684	0.7250	0.0500				2			1
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0682	0.3820	0.0000				2			2
136.01	Tryptophan, Alka-Hydrol Rev Phase LC UV (%)	0644	0.6600	0.0020				1			0
136.02	Tryptophan, Alka-Hydrol Post-col OPA De (%)	0098	0.6120	0.0180				1			0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0859	0.6486	0.0115				3			0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	2059	0.6495	0.0010				3			0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0571	0.6615	0.0070				3			0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0353	0.7400	0.0400				3			2
136.05	Tryptophan, Pre-col AQC Der (%)	2246	0.3600	0.0200				2			0
136.05	Tryptophan, Pre-col AQC Der (%)	0407	0.8075	0.0170				2			0
136.99	Tryptophan, Miscellaneous (%)	0504	0.6450	0.0300				1			0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0910	1.310	0.0000	1.659	0.1775	0.0232	13	-1.97	11%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0675	1.405	0.0300	1.659	0.1775	0.0232	13	-1.43	8%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0354	1.502	0.0080	1.659	0.1775	0.0232	13	-0.89	5%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0684	1.615	0.0100	1.659	0.1775	0.0232	13	-0.25	1%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0226	1.630	0.0400	1.659	0.1775	0.0232	13	-0.16	1%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0504	1.640	0.0800	1.659	0.1775	0.0232	13	-0.11	1%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0644	1.664	0.0060	1.659	0.1775	0.0232	13	0.03	0%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0968	1.700	0.0000	1.659	0.1775	0.0232	13	0.23	1%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0682	1.702	0.0000	1.659	0.1775	0.0232	13	0.24	1%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0723	1.770	0.0600	1.659	0.1775	0.0232	13	0.62	3%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	2059	1.806	0.0040	1.659	0.1775	0.0232	13	0.83	4%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0918	1.834	0.0630	1.659	0.1775	0.0232	13	0.98	5%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0353	1.910	0.0000	1.659	0.1775	0.0232	13	1.41	8%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0941	1.660	0.2410	1.659	0.1775	0.0232	13	0.00	0%	1
137.01	Tyrosine, Pre-col OPA Der (%)	0948	1.510	0.2250				1			0
137.02	Tyrosine, Post-col OPA Der (%)	0098	1.611	0.0230				1			0
137.05	Tyrosine, Pre-col AQC Der (%)	2246	1.380	0.0400	1.679	0.1855	0.0553	7	-1.61	9%	0
137.05	Tyrosine, Pre-col AQC Der (%)	2188	1.566	0.0000	1.679	0.1855	0.0553	7	-0.61	3%	0
137.05	Tyrosine, Pre-col AQC Der (%)	0242	1.650	0.1200	1.679	0.1855	0.0553	7	-0.16	1%	0
137.05	Tyrosine, Pre-col AQC Der (%)	2319	1.670	0.0200	1.679	0.1855	0.0553	7	-0.05	0%	0
137.05	Tyrosine, Pre-col AQC Der (%)	0148	1.765	0.1300	1.679	0.1855	0.0553	7	0.46	3%	0
137.05	Tyrosine, Pre-col AQC Der (%)	0407	1.812	0.0370	1.679	0.1855	0.0553	7	0.71	4%	0
137.05	Tyrosine, Pre-col AQC Der (%)	0676	1.890	0.0400	1.679	0.1855	0.0553	7	1.14	6%	0
137.99	Tyrosine, Miscellaneous (%)	0227	1.610	0.0800				1			0
138.00	Valine, Post-col Ninhydrin Der (%)	0682	1.828	0.0000	2.174	0.1505	0.0315	17	-2.30	8%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0941	1.930	0.0000	2.174	0.1505	0.0315	17	-1.62	6%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0353	2.035	0.0300	2.174	0.1505	0.0315	17	-0.92	3%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0723	2.065	0.0100	2.174	0.1505	0.0315	17	-0.73	3%	0



Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
138.00	Valine, Post-col Ninhydrin Der (%)	0918	2.092	0.0200	2.174	0.1505	0.0315	17	-0.55	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0226	2.130	0.1000	2.174	0.1505	0.0315	17	-0.29	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0910	2.135	0.1100	2.174	0.1505	0.0315	17	-0.26	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0652	2.145	0.0100	2.174	0.1505	0.0315	17	-0.19	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0684	2.170	0.0800	2.174	0.1505	0.0315	17	-0.03	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0354	2.186	0.0080	2.174	0.1505	0.0315	17	0.08	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0859	2.218	0.0605	2.174	0.1505	0.0315	17	0.29	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	2059	2.230	0.0010	2.174	0.1505	0.0315	17	0.37	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0675	2.285	0.0100	2.174	0.1505	0.0315	17	0.74	3%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0968	2.300	0.0200	2.174	0.1505	0.0315	17	0.84	3%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0571	2.324	0.0690	2.174	0.1505	0.0315	17	0.99	3%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0504	2.350	0.0000	2.174	0.1505	0.0315	17	1.17	4%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0644	2.434	0.0070	2.174	0.1505	0.0315	17	1.72	6%	0
138.02	Valine, Post-col OPA Der (%)	0098	2.276	0.0490				1			0
138.05	Valine, Pre-col AQC Der (%)	2319	1.915	0.0100	2.127	0.1614	0.0923	7	-1.31	5%	0
138.05	Valine, Pre-col AQC Der (%)	0242	2.025	0.2300	2.127	0.1614	0.0923	7	-0.63	2%	0
138.05	Valine, Pre-col AQC Der (%)	2246	2.060	0.0000	2.127	0.1614	0.0923	7	-0.42	2%	0
138.05	Valine, Pre-col AQC Der (%)	2188	2.120	0.0000	2.127	0.1614	0.0923	7	-0.04	0%	0
138.05	Valine, Pre-col AQC Der (%)	0407	2.169	0.0660	2.127	0.1614	0.0923	7	0.26	1%	0
138.05	Valine, Pre-col AQC Der (%)	0148	2.295	0.3100	2.127	0.1614	0.0923	7	1.04	4%	0
138.05	Valine, Pre-col AQC Der (%)	0676	2.305	0.0300	2.127	0.1614	0.0923	7	1.10	4%	0
138.99	Valine, Miscellaneous (%)	0227	2.395	0.0100				1			0
139.00	Taurine, Post-col Ninhydrin Der (%)	0682	0.0360	0.0000				2			0
139.00	Taurine, Post-col Ninhydrin Der (%)	0504	0.1300	0.0000				2			0
139.02	Taurine, Post-col OPA Der (%)	0098	< 0.01					0			5
139.05	Taurine, Pre-col AQC Der (%)	0407	0.0165	0.0010				1			0
139.99	Taurine, Miscellaneous (%)	0227	< 0.01					0			5
160.10	Fructose, HPAEC PAD (%)	0297	0.0400	0.0020				1			0
160.99	Fructose, Miscellaneous (%)	0227	0.4950	0.0100				1			0
161.10	Galactose, HPAEC PAD (%)	0297	0.0000	0.0000				0			4
162.10	Glucose, HPAEC PAD (%)	0297	0.0070	0.0000				1			0
162.99	Glucose, Miscellaneous (%)	0227	< 0.15					0			5
163.10	Lactose, HPAEC PAD (%)	0297	0.0000	0.0000				0			4
163.99	Lactose, Miscellaneous (%)	0227	< 0.15					0			5
164.10	Maltose, HPAEC PAD (%)	0297	0.0170	0.0020				1			0
164.99	Maltose, Miscellaneous (%)	0227	0.3350	0.0300				1			0
165.10	Sucrose, HPAEC PAD (%)	0297	5.758	0.6640				1			0
165.99	Sucrose, Miscellaneous (%)	0227	7.520	0.0800				1			0
166.10	Raffinose, HPAEC PAD (%)	0297	1.069	0.0300				1			0
166.99	Raffinose, Miscellaneous (%)	0227	0.9400	0.0000				1			0
167.10	Stachyose, HPAEC PAD (%)	0297	4.724	0.5130				1			0
167.99	Stachyose, Miscellaneous (%)	0227	5.220	0.0600				1			0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
400.01	Water Activity, Aqualab chilled mirror (Units)	2193	0.6000	0.0000	0.6229	0.0079	0.0016	10	-2.88	2%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	2303	0.6135	0.0010	0.6229	0.0079	0.0016	10	-1.18	1%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	2268	0.6175	0.0090	0.6229	0.0079	0.0016	10	-0.67	0%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	2181	0.6215	0.0008	0.6229	0.0079	0.0016	10	-0.17	0%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	0853	0.6224	0.0012	0.6229	0.0079	0.0016	10	-0.06	0%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	2174	0.6265	0.0010	0.6229	0.0079	0.0016	10	0.46	0%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	0589	0.6270	0.0020	0.6229	0.0079	0.0016	10	0.52	0%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	2168	0.6275	0.0010	0.6229	0.0079	0.0016	10	0.58	0%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	0123	0.6300	0.0000	0.6229	0.0079	0.0016	10	0.90	1%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	0407	0.6317	0.0002	0.6229	0.0079	0.0016	10	1.11	1%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	0942	0.6320	0.0140	0.6229	0.0079	0.0016	10	1.15	1%	1
400.99	Water Activity, Miscellaneous (Units)	2073	0.6290	0.0140				1			0
516.00	Arsenic, Total (As), AA, Hydride (ppm)	0171	0.0100	0.0000				1			0
516.43	Arsenic, Total (As), ICP, Microwave (ppm)	0682	< 10					0			5
516.53	Arsenic, Total (As), ICP-MS, Microwave (ppm)	0407	0.0101	0.0018				3			0
516.53	Arsenic, Total (As), ICP-MS, Microwave (ppm)	0553	0.0103	0.0009				3			0
516.53	Arsenic, Total (As), ICP-MS, Microwave (ppm)	0227	0.0120	0.0020				3			0
518.41	Cadmium, ICP, Dry ash (ppm)	0407	0.0318	0.0024				2			0
518.41	Cadmium, ICP, Dry ash (ppm)	0171	0.0480	0.0040				2			0
518.43	Cadmium, ICP, Microwave (ppm)	0407	0.0404	0.0128				1			0
518.43	Cadmium, ICP, Microwave (ppm)	0682	< 0.2					1			5
518.52	Cadmium, ICP-MS, Open vessel (ppm)	0186	< 0.05					0			5
518.53	Cadmium, ICP-MS, Microwave (ppm)	0407	0.0351	0.0004				3			0
518.53	Cadmium, ICP-MS, Microwave (ppm)	0227	0.0370	0.0020				3			0
518.53	Cadmium, ICP-MS, Microwave (ppm)	0553	0.0398	0.0009				3			0
520.41	Chromium, Total (Cr), ICP, Dry ash (ppm)	0407	0.2452	0.0031				2			0
520.41	Chromium, Total (Cr), ICP, Dry ash (ppm)	0171	0.2535	0.4150				2			0
520.42	Chromium, Total (Cr), ICP, Open vessel (ppm)	0693	0.6075	0.0870				2			0
520.42	Chromium, Total (Cr), ICP, Open vessel (ppm)	0045	1.025	0.2100				2			0
520.43	Chromium, Total (Cr), ICP, Microwave (ppm)	0407	0.1039	0.0294				2			0
520.43	Chromium, Total (Cr), ICP, Microwave (ppm)	0682	0.6500	0.0000				2			0
520.52	Chromium, Total (Cr), ICP-MS, Open vessel (ppm)	0186	0.0990	0.0060				1			0
520.53	Chromium, Total (Cr), ICP-MS, Microwave (ppm)	0553	0.2335	0.1310				3			0
520.53	Chromium, Total (Cr), ICP-MS, Microwave (ppm)	0164	0.3790	0.0420				3			0
520.53	Chromium, Total (Cr), ICP-MS, Microwave (ppm)	0407	0.4859	0.0374				3			0
526.41	Lead, ICP, Dry ash (ppm)	0171	0.0350	0.0020				2			0
526.41	Lead, ICP, Dry ash (ppm)	0407	0.0364	0.0184				2			0
526.43	Lead, ICP, Microwave (ppm)	0407	0.0539	0.0384				1			0
526.43	Lead, ICP, Microwave (ppm)	0682	< 3					1			5
526.53	Lead, ICP-MS, Microwave (ppm)	0227	0.0170	0.0000				3			0
526.53	Lead, ICP-MS, Microwave (ppm)	0553	0.0171	0.0041				3			0
526.53	Lead, ICP-MS, Microwave (ppm)	0407	0.0211	0.0024				3			0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
529.99	Mercury, Miscellaneous (ppb)	0407	0.8671	0.5493					1		0
529.99	Mercury, Miscellaneous (ppb)	0227	< 10						1		5
529.99	Mercury, Miscellaneous (ppb)	0682	< 10000						1		5
539.41	Nickel, ICP, Dry ash (ppm)	0171	3.758	0.0490					2		0
539.41	Nickel, ICP, Dry ash (ppm)	0407	3.901	0.0866					2		0
539.43	Nickel, ICP, Microwave (ppm)	0407	4.521	0.1664					2		0
539.43	Nickel, ICP, Microwave (ppm)	0682	4.570	0.0000					2		0
539.52	Nickel, ICP-MS, Open vessel (ppm)	0186	4.520	0.3800					1		0
539.53	Nickel, ICP-MS, Microwave (ppm)	0407	4.428	0.0858					2		0
539.53	Nickel, ICP-MS, Microwave (ppm)	0553	4.630	0.0600					2		0
710.99	Lauric Acid (12:0), Miscellaneous (% (w/w))	0226	< 0.005						0		5
714.99	Myristic Acid (14:0), Miscellaneous (% (w/w))	0226	< 0.005						0		5
716.99	Palmitic Acid (16:0), Miscellaneous (% (w/w))	0226	0.3000	0.0000					1		0
718.99	Palmitoleic Acid (9c-16:1), Miscellaneous (% (w/w))	0226	< 0.005						0		5
722.99	Stearic Acid (18:0), Miscellaneous (% (w/w))	0226	0.0650	0.0100					1		0
724.99	Oleic Acid (9c-18:1), Miscellaneous (% (w/w))	0226	0.1600	0.0000					1		0
726.99	Linoleic Acid (9c,12c-18:2), Miscellaneous (% (w/w))	0226	0.9850	0.0100					1		0
728.99	alpha-Linolenic Acid (9c,12c,15c-18:3), Miscellaneous (% (w/w))	0226	0.1450	0.0100					1		0
730.99	Arachidic Acid (20:0), Miscellaneous (% (w/w))	0226	< 0.005						0		5
732.99	Gondoic Acid (11c-20:1), Miscellaneous (% (w/w))	0226	< 0.005						0		5
740.99	Eicosapentaenoic Acid EPA (5c,8c,11c,14c,17c-20:5), Mis	0226	< 0.005						0		5
742.99	Behenic Acid (22:0), Miscellaneous (% (w/w))	0226	0.0100	0.0000					1		0
744.99	Erucic Acid (13c-22:1), Miscellaneous (% (w/w))	0226	< 0.005						0		5
746.99	Docosapentaenoic Acid n-3 DPA (7c,10c,13c,16c,19c-22:5)	0226	< 0.005						0		5
748.99	Lignoceric Acid (24:0), Miscellaneous (% (w/w))	0226	< 0.005						0		5
750.99	Docosahexaenoic Acid DHA (4c,7c,10c,13c,16c,19c-22:6)	0226	< 0.005						0		5
752.99	Nervonic Acid (24:1) isomers, Miscellaneous (% (w/w))	0226	< 0.005						0		5
772.99	Total Fatty Acids, Miscellaneous (% (w/w))	0226	1.660	0.0200					1		0

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