



**AAFCO**  
Association of American Feed Control Officials



**Animal Feed Scheme**

**Swine Feed, Medicated**

**Test Material Code # 202325**

**Method Proficiency Testing Report**

**# Labs Reporting: 169**

**# Methods Reported 385**

**Issue Date : 06/30/2023**

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs			
000.02	Urea, As protein, Colorimetric (%)	0278	0.1000	0.0000				1			0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0914	9.435	0.0700	10.41	0.6699	0.0370	4			0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0504	10.52	0.0200	10.41	0.6699	0.0370	4			0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0407	10.81	0.0480	10.41	0.6699	0.0370	4			0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0169	10.89	0.0100	10.41	0.6699	0.0370	4			0
001.03	Loss on Drying, Low temp. methods (%)	0619	10.65	0.1000				2			0
001.03	Loss on Drying, Low temp. methods (%)	0843	10.95	0.0400				2			0
001.05	Loss on Drying, LECO (%)	0644	10.78	0.0150				1			0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0278	8.840	0.3600	10.65	0.3395	0.1565	46	-5.34	9%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2442	8.920	0.0600	10.65	0.3395	0.1565	46	-5.11	8%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0035	9.670	0.1400	10.65	0.3395	0.1565	46	-2.90	5%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2345	9.785	0.3300	10.65	0.3395	0.1565	46	-2.56	4%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2144	10.05	0.0800	10.65	0.3395	0.1565	46	-1.78	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2259	10.15	0.0800	10.65	0.3395	0.1565	46	-1.49	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2190	10.21	0.0500	10.65	0.3395	0.1565	46	-1.32	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2109	10.43	0.0900	10.65	0.3395	0.1565	46	-0.67	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0038	10.46	0.5100	10.65	0.3395	0.1565	46	-0.59	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0643	10.46	0.0700	10.65	0.3395	0.1565	46	-0.59	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0682	10.46	0.0000	10.65	0.3395	0.1565	46	-0.57	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0027	10.47	0.0150	10.65	0.3395	0.1565	46	-0.55	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0089	10.48	0.0400	10.65	0.3395	0.1565	46	-0.51	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0675	10.51	0.0300	10.65	0.3395	0.1565	46	-0.44	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0049	10.52	0.4600	10.65	0.3395	0.1565	46	-0.39	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2059	10.53	0.0500	10.65	0.3395	0.1565	46	-0.38	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2445	10.53	0.2000	10.65	0.3395	0.1565	46	-0.36	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0083	10.54	0.2600	10.65	0.3395	0.1565	46	-0.34	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0596	10.55	0.1200	10.65	0.3395	0.1565	46	-0.31	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0853	10.55	0.1000	10.65	0.3395	0.1565	46	-0.31	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0590	10.57	0.3200	10.65	0.3395	0.1565	46	-0.25	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0345	10.60	0.2000	10.65	0.3395	0.1565	46	-0.16	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0034	10.62	0.0600	10.65	0.3395	0.1565	46	-0.10	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0148	10.65	0.5000	10.65	0.3395	0.1565	46	-0.01	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0003	10.72	0.2900	10.65	0.3395	0.1565	46	0.18	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2192	10.72	0.0500	10.65	0.3395	0.1565	46	0.18	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0872	10.73	0.1700	10.65	0.3395	0.1565	46	0.21	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2009	10.74	0.0539	10.65	0.3395	0.1565	46	0.25	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0171	10.76	0.0400	10.65	0.3395	0.1565	46	0.31	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0353	10.84	0.0700	10.65	0.3395	0.1565	46	0.53	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0098	10.84	0.2000	10.65	0.3395	0.1565	46	0.55	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0297	10.85	0.1800	10.65	0.3395	0.1565	46	0.58	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0066	10.86	0.0800	10.65	0.3395	0.1565	46	0.61	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0693	10.87	0.0700	10.65	0.3395	0.1565	46	0.62	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0650	10.89	0.2900	10.65	0.3395	0.1565	46	0.68	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0689	10.90	0.4000	10.65	0.3395	0.1565	46	0.72	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0226	10.92	0.1300	10.65	0.3395	0.1565	46	0.77	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0505	10.95	0.3600	10.65	0.3395	0.1565	46	0.87	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0843	10.95	0.0400	10.65	0.3395	0.1565	46	0.87	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0407	10.95	0.0681	10.65	0.3395	0.1565	46	0.87	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0571	11.01	0.1100	10.65	0.3395	0.1565	46	1.03	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0028	11.04	0.2500	10.65	0.3395	0.1565	46	1.12	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0045	11.12	0.2100	10.65	0.3395	0.1565	46	1.36	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0199	11.36	0.0200	10.65	0.3395	0.1565	46	2.08	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0581	11.50	0.1300	10.65	0.3395	0.1565	46	2.48	4%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0366	12.10	0.2000	10.65	0.3395	0.1565	46	4.26	7%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0074	10.48	0.9500	10.65	0.3395	0.1565	46	-0.53	1%	1
001.99	Loss on Drying, Miscellaneous (%)	0618	9.050	0.0000	10.42	0.6602	0.0727	19	-2.08	7%	0
001.99	Loss on Drying, Miscellaneous (%)	2155	9.290	0.0200	10.42	0.6602	0.0727	19	-1.71	5%	0
001.99	Loss on Drying, Miscellaneous (%)	0676	9.520	0.1000	10.42	0.6602	0.0727	19	-1.36	4%	0
001.99	Loss on Drying, Miscellaneous (%)	0889	9.885	0.1500	10.42	0.6602	0.0727	19	-0.81	3%	0
001.99	Loss on Drying, Miscellaneous (%)	0186	10.07	0.0153	10.42	0.6602	0.0727	19	-0.53	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0019	10.14	0.1600	10.42	0.6602	0.0727	19	-0.43	1%	0
001.99	Loss on Drying, Miscellaneous (%)	2319	10.25	0.1000	10.42	0.6602	0.0727	19	-0.26	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0910	10.40	0.2000	10.42	0.6602	0.0727	19	-0.03	0%	0
001.99	Loss on Drying, Miscellaneous (%)	0656	10.42	0.0000	10.42	0.6602	0.0727	19	0.00	0%	0
001.99	Loss on Drying, Miscellaneous (%)	0510	10.45	0.1000	10.42	0.6602	0.0727	19	0.04	0%	0
001.99	Loss on Drying, Miscellaneous (%)	0948	10.50	0.0100	10.42	0.6602	0.0727	19	0.11	0%	0
001.99	Loss on Drying, Miscellaneous (%)	0610	10.57	0.0100	10.42	0.6602	0.0727	19	0.22	1%	0
001.99	Loss on Drying, Miscellaneous (%)	2246	10.60	0.0000	10.42	0.6602	0.0727	19	0.27	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0037	10.76	0.0300	10.42	0.6602	0.0727	19	0.51	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0536	10.86	0.0400	10.42	0.6602	0.0727	19	0.67	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0918	10.95	0.0600	10.42	0.6602	0.0727	19	0.80	3%	0
001.99	Loss on Drying, Miscellaneous (%)	0629	11.06	0.0300	10.42	0.6602	0.0727	19	0.96	3%	0
001.99	Loss on Drying, Miscellaneous (%)	0357	11.31	0.0972	10.42	0.6602	0.0727	19	1.34	4%	0
001.99	Loss on Drying, Miscellaneous (%)	0852	12.00	0.0000	10.42	0.6602	0.0727	19	2.39	8%	0
001.99	Loss on Drying, Miscellaneous (%)	0560	10.81	0.5100	10.42	0.6602	0.0727	19	0.58	2%	1

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
001.99	Loss on Drying, Miscellaneous (%)	0596	89.97	0.0200	10.42	0.6602	0.0727	19	>100	382%	2
002.00	Protein, Crude, Crude (%)	0169	15.90	0.0500				2			0
002.00	Protein, Crude, Crude (%)	2345	16.14	0.3700				2			0
002.01	Protein, Crude, Auto Kjell-Foss (%)	2442	15.31	0.0400	15.68	0.1940	0.0947	22	-1.90	1%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	0910	15.35	0.1000	15.68	0.1940	0.0947	22	-1.69	1%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	0199	15.51	0.1900	15.68	0.1940	0.0947	22	-0.89	1%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	2443	15.52	0.0495	15.68	0.1940	0.0947	22	-0.83	1%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	0848	15.53	0.1000	15.68	0.1940	0.0947	22	-0.76	0%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	0870	15.55	0.0680	15.68	0.1940	0.0947	22	-0.65	0%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	0968	15.57	0.1800	15.68	0.1940	0.0947	22	-0.56	0%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	2325	15.58	0.0100	15.68	0.1940	0.0947	22	-0.53	0%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	0674	15.61	0.0000	15.68	0.1940	0.0947	22	-0.35	0%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	2397	15.63	0.0300	15.68	0.1940	0.0947	22	-0.27	0%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	2259	15.65	0.0630	15.68	0.1940	0.0947	22	-0.14	0%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	0889	15.68	0.0200	15.68	0.1940	0.0947	22	0.01	0%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	2188	15.69	0.0000	15.68	0.1940	0.0947	22	0.06	0%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	0164	15.78	0.0600	15.68	0.1940	0.0947	22	0.53	0%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	2434	15.78	0.1400	15.68	0.1940	0.0947	22	0.53	0%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	2193	15.79	0.0400	15.68	0.1940	0.0947	22	0.58	0%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	0610	15.80	0.0000	15.68	0.1940	0.0947	22	0.63	0%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	0652	15.80	0.2000	15.68	0.1940	0.0947	22	0.63	0%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	2196	15.80	0.0000	15.68	0.1940	0.0947	22	0.63	0%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	2445	15.95	0.1200	15.68	0.1940	0.0947	22	1.40	1%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	0656	16.58	0.0000	15.68	0.1940	0.0947	22	4.65	3%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	0685	17.02	0.2000	15.68	0.1940	0.0947	22	6.92	4%	0
002.02	Protein, Crude, Semiauto Autoanalyzer (%)	0066	15.61	0.1100				1			0
002.04	Protein, Crude, Copper Catalyst (%)	0504	15.37	0.5300				1			0
002.05	Protein, Crude, Copper, Boric Acid (%)	2181	15.31	0.0200	15.73	0.3178	0.1096	24	-1.34	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2450	15.35	0.1000	15.73	0.3178	0.1096	24	-1.21	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2337	15.37	0.0100	15.73	0.3178	0.1096	24	-1.16	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0622	15.44	0.0227	15.73	0.3178	0.1096	24	-0.93	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2190	15.53	0.0700	15.73	0.3178	0.1096	24	-0.66	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0651	15.53	0.1156	15.73	0.3178	0.1096	24	-0.64	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0885	15.55	0.1700	15.73	0.3178	0.1096	24	-0.60	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0689	15.55	0.1000	15.73	0.3178	0.1096	24	-0.58	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2022	15.59	0.0400	15.73	0.3178	0.1096	24	-0.46	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0354	15.62	0.0100	15.73	0.3178	0.1096	24	-0.38	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2109	15.62	0.0400	15.73	0.3178	0.1096	24	-0.36	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2009	15.66	0.0405	15.73	0.3178	0.1096	24	-0.25	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2446	15.66	0.0140	15.73	0.3178	0.1096	24	-0.23	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0536	15.77	0.1200	15.73	0.3178	0.1096	24	0.11	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0948	15.79	0.0800	15.73	0.3178	0.1096	24	0.17	0%	0

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002.05	Protein, Crude, Copper, Boric Acid (%)	2006	15.83	0.3600	15.73	0.3178	0.1096	24	0.30	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0619	15.85	0.3000	15.73	0.3178	0.1096	24	0.36	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2146	15.86	0.2400	15.73	0.3178	0.1096	24	0.39	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2453	15.97	0.0800	15.73	0.3178	0.1096	24	0.74	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0939	16.02	0.0100	15.73	0.3178	0.1096	24	0.88	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2192	16.16	0.0600	15.73	0.3178	0.1096	24	1.34	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0643	16.45	0.2000	15.73	0.3178	0.1096	24	2.25	2%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2144	16.70	0.4500	15.73	0.3178	0.1096	24	3.02	3%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2246	17.31	0.3700	15.73	0.3178	0.1096	24	4.94	5%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2089	14.79	0.0600	15.78	0.2895	0.1714	113	-3.44	3%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0646	14.83	0.1300	15.78	0.2895	0.1714	113	-3.32	3%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0510	15.10	0.0000	15.78	0.2895	0.1714	113	-2.37	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0045	15.10	0.4000	15.78	0.2895	0.1714	113	-2.37	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0726	15.16	0.5100	15.78	0.2895	0.1714	113	-2.18	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0676	15.22	0.3200	15.78	0.2895	0.1714	113	-1.95	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0529	15.25	0.5400	15.78	0.2895	0.1714	113	-1.85	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0038	15.33	0.1900	15.78	0.2895	0.1714	113	-1.59	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0539	15.35	0.3000	15.78	0.2895	0.1714	113	-1.50	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0956	15.40	0.2000	15.78	0.2895	0.1714	113	-1.33	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0100	15.42	0.0600	15.78	0.2895	0.1714	113	-1.26	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0650	15.44	0.2300	15.78	0.2895	0.1714	113	-1.21	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0011	15.45	0.2300	15.78	0.2895	0.1714	113	-1.17	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0042	15.45	0.3000	15.78	0.2895	0.1714	113	-1.16	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0036	15.46	0.0590	15.78	0.2895	0.1714	113	-1.14	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2059	15.46	0.0656	15.78	0.2895	0.1714	113	-1.12	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2076	15.47	0.7770	15.78	0.2895	0.1714	113	-1.10	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2129	15.48	0.2380	15.78	0.2895	0.1714	113	-1.04	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0345	15.49	0.3800	15.78	0.2895	0.1714	113	-1.02	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0918	15.51	0.2700	15.78	0.2895	0.1714	113	-0.97	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0074	15.51	0.4100	15.78	0.2895	0.1714	113	-0.97	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0589	15.55	0.0100	15.78	0.2895	0.1714	113	-0.83	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0843	15.55	0.0900	15.78	0.2895	0.1714	113	-0.83	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0026	15.55	0.2110	15.78	0.2895	0.1714	113	-0.83	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0859	15.56	0.1930	15.78	0.2895	0.1714	113	-0.76	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0263	15.57	0.0460	15.78	0.2895	0.1714	113	-0.74	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0505	15.61	0.0400	15.78	0.2895	0.1714	113	-0.60	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0870	15.62	0.4563	15.78	0.2895	0.1714	113	-0.58	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0010	15.62	0.0120	15.78	0.2895	0.1714	113	-0.58	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0019	15.62	0.0400	15.78	0.2895	0.1714	113	-0.57	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0953	15.62	0.2600	15.78	0.2895	0.1714	113	-0.57	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0047	15.65	0.1000	15.78	0.2895	0.1714	113	-0.47	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0278	15.65	0.3000	15.78	0.2895	0.1714	113	-0.47	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0144	15.66	0.0500	15.78	0.2895	0.1714	113	-0.45	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0626	15.66	0.0270	15.78	0.2895	0.1714	113	-0.44	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0089	15.67	0.0200	15.78	0.2895	0.1714	113	-0.40	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0226	15.68	0.0000	15.78	0.2895	0.1714	113	-0.36	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0964	15.68	0.1730	15.78	0.2895	0.1714	113	-0.35	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0049	15.70	0.2000	15.78	0.2895	0.1714	113	-0.29	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0366	15.70	0.2000	15.78	0.2895	0.1714	113	-0.29	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0511	15.70	0.1400	15.78	0.2895	0.1714	113	-0.29	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0848	15.70	0.2000	15.78	0.2895	0.1714	113	-0.29	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2174	15.71	0.3100	15.78	0.2895	0.1714	113	-0.28	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0968	15.71	0.3400	15.78	0.2895	0.1714	113	-0.26	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0123	15.72	0.0700	15.78	0.2895	0.1714	113	-0.24	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0297	15.72	0.1000	15.78	0.2895	0.1714	113	-0.22	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2168	15.73	0.0300	15.78	0.2895	0.1714	113	-0.21	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0199	15.73	0.1200	15.78	0.2895	0.1714	113	-0.19	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0353	15.73	0.0600	15.78	0.2895	0.1714	113	-0.19	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0541	15.74	0.0700	15.78	0.2895	0.1714	113	-0.17	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0872	15.74	0.0200	15.78	0.2895	0.1714	113	-0.15	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0508	15.74	0.2970	15.78	0.2895	0.1714	113	-0.14	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2022	15.75	0.0300	15.78	0.2895	0.1714	113	-0.14	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0358	15.75	0.3400	15.78	0.2895	0.1714	113	-0.12	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0590	15.75	0.3800	15.78	0.2895	0.1714	113	-0.12	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2319	15.75	0.1000	15.78	0.2895	0.1714	113	-0.12	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0675	15.76	0.0300	15.78	0.2895	0.1714	113	-0.10	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0504	15.78	0.1100	15.78	0.2895	0.1714	113	-0.03	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0407	15.78	0.3310	15.78	0.2895	0.1714	113	-0.03	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0037	15.80	0.0000	15.78	0.2895	0.1714	113	0.05	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0202	15.80	0.0000	15.78	0.2895	0.1714	113	0.05	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0294	15.80	0.1000	15.78	0.2895	0.1714	113	0.05	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0619	15.80	0.0000	15.78	0.2895	0.1714	113	0.05	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2150	15.80	0.1000	15.78	0.2895	0.1714	113	0.05	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2349	15.80	0.2000	15.78	0.2895	0.1714	113	0.05	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0644	15.81	0.0330	15.78	0.2895	0.1714	113	0.08	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0948	15.81	0.0200	15.78	0.2895	0.1714	113	0.09	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0357	15.81	0.0000	15.78	0.2895	0.1714	113	0.10	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0914	15.83	0.0000	15.78	0.2895	0.1714	113	0.16	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0354	15.84	0.0100	15.78	0.2895	0.1714	113	0.17	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0164	15.85	0.1900	15.78	0.2895	0.1714	113	0.21	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0098	15.85	0.3000	15.78	0.2895	0.1714	113	0.23	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0598	15.86	0.3100	15.78	0.2895	0.1714	113	0.24	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0009	15.87	0.0100	15.78	0.2895	0.1714	113	0.28	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0108	15.88	0.1400	15.78	0.2895	0.1714	113	0.33	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2184	15.90	0.6400	15.78	0.2895	0.1714	113	0.40	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0610	15.90	0.0000	15.78	0.2895	0.1714	113	0.40	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0884	15.90	0.2000	15.78	0.2895	0.1714	113	0.40	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0018	15.93	0.2200	15.78	0.2895	0.1714	113	0.50	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0693	15.94	0.1200	15.78	0.2895	0.1714	113	0.54	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0910	15.95	0.3000	15.78	0.2895	0.1714	113	0.57	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0618	15.97	0.0300	15.78	0.2895	0.1714	113	0.62	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2246	15.98	0.0100	15.78	0.2895	0.1714	113	0.66	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2302	15.98	0.0000	15.78	0.2895	0.1714	113	0.67	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0004	15.99	0.0100	15.78	0.2895	0.1714	113	0.69	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2442	16.00	0.0900	15.78	0.2895	0.1714	113	0.73	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2155	16.01	0.2050	15.78	0.2895	0.1714	113	0.77	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0035	16.02	0.1500	15.78	0.2895	0.1714	113	0.80	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0171	16.03	0.0200	15.78	0.2895	0.1714	113	0.85	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0571	16.03	0.0600	15.78	0.2895	0.1714	113	0.85	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0656	16.03	0.0000	15.78	0.2895	0.1714	113	0.85	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0001	16.04	0.2500	15.78	0.2895	0.1714	113	0.86	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0853	16.05	0.1000	15.78	0.2895	0.1714	113	0.92	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0880	16.05	0.5000	15.78	0.2895	0.1714	113	0.92	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2303	16.08	0.1500	15.78	0.2895	0.1714	113	1.00	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0148	16.09	0.1100	15.78	0.2895	0.1714	113	1.04	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0596	16.09	0.2100	15.78	0.2895	0.1714	113	1.04	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0229	16.14	0.0900	15.78	0.2895	0.1714	113	1.21	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0692	16.15	0.3000	15.78	0.2895	0.1714	113	1.26	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0425	16.16	0.1900	15.78	0.2895	0.1714	113	1.28	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0003	16.17	0.7900	15.78	0.2895	0.1714	113	1.31	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0186	16.17	0.2400	15.78	0.2895	0.1714	113	1.33	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0574	16.17	0.0200	15.78	0.2895	0.1714	113	1.33	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2375	16.18	0.1100	15.78	0.2895	0.1714	113	1.35	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0939	16.20	0.0500	15.78	0.2895	0.1714	113	1.42	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0687	16.20	0.7000	15.78	0.2895	0.1714	113	1.43	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0083	16.24	0.0100	15.78	0.2895	0.1714	113	1.56	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2326	16.28	0.6800	15.78	0.2895	0.1714	113	1.71	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2359	16.30	0.0000	15.78	0.2895	0.1714	113	1.78	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2181	16.33	0.0900	15.78	0.2895	0.1714	113	1.87	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0034	16.41	0.0000	15.78	0.2895	0.1714	113	2.16	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2213	16.42	0.1500	15.78	0.2895	0.1714	113	2.18	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0190	16.52	0.1000	15.78	0.2895	0.1714	113	2.54	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0242	15.59	1.020	15.78	0.2895	0.1714	113	-0.67	1%	1
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0682	17.98	0.0000	15.78	0.2895	0.1714	113	7.58	7%	2
002.08	Protein, Crude, Cu/Ti (%)	0098	15.68	0.0800				1			0
002.10	Protein, Crude, Block dig/distillation (%)	0629	16.34	0.5900				1			0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs			
002.11	Protein, Crude, NIR (%)	0297	14.06	0.1800	15.57	1.021	0.1200	4			0
002.11	Protein, Crude, NIR (%)	0885	15.84	0.1700	15.57	1.021	0.1200	4			0
002.11	Protein, Crude, NIR (%)	0852	16.15	0.0100	15.57	1.021	0.1200	4			0
002.11	Protein, Crude, NIR (%)	0889	16.24	0.1200	15.57	1.021	0.1200	4			0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0885	3.522	0.0981	4.771	0.3217	0.0692	13	-3.88	13%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2322	4.445	0.0300	4.771	0.3217	0.0692	13	-1.01	3%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0345	4.575	0.1500	4.771	0.3217	0.0692	13	-0.61	2%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2337	4.635	0.0500	4.771	0.3217	0.0692	13	-0.42	1%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2192	4.665	0.0100	4.771	0.3217	0.0692	13	-0.33	1%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2443	4.702	0.0378	4.771	0.3217	0.0692	13	-0.21	1%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2190	4.720	0.2400	4.771	0.3217	0.0692	13	-0.16	1%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2109	4.735	0.0500	4.771	0.3217	0.0692	13	-0.11	0%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2442	4.825	0.0300	4.771	0.3217	0.0692	13	0.17	1%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2359	4.900	0.2000	4.771	0.3217	0.0692	13	0.40	1%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0035	5.025	0.0300	4.771	0.3217	0.0692	13	0.79	3%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2450	5.315	0.0500	4.771	0.3217	0.0692	13	1.69	6%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2325	5.360	0.0400	4.771	0.3217	0.0692	13	1.83	6%	0
003.01	Fat, Crude, Diethyl Ether Ext (13th ed.), Indirec	0504	3.985	0.0700				2			0
003.01	Fat, Crude, Diethyl Ether Ext (13th ed.), Indirec	0164	5.010	0.0600				2			0
003.06	Fat, Crude, Pet Ether (%)	0651	4.319	0.1157	4.765	0.1981	0.0867	17	-2.25	5%	0
003.06	Fat, Crude, Pet Ether (%)	0297	4.570	0.2000	4.765	0.1981	0.0867	17	-0.99	2%	0
003.06	Fat, Crude, Pet Ether (%)	0169	4.575	0.0300	4.765	0.1981	0.0867	17	-0.96	2%	0
003.06	Fat, Crude, Pet Ether (%)	0425	4.590	0.0800	4.765	0.1981	0.0867	17	-0.88	2%	0
003.06	Fat, Crude, Pet Ether (%)	0199	4.645	0.0100	4.765	0.1981	0.0867	17	-0.61	1%	0
003.06	Fat, Crude, Pet Ether (%)	0674	4.670	0.0000	4.765	0.1981	0.0867	17	-0.48	1%	0
003.06	Fat, Crude, Pet Ether (%)	2181	4.685	0.0700	4.765	0.1981	0.0867	17	-0.41	1%	0
003.06	Fat, Crude, Pet Ether (%)	0884	4.750	0.1000	4.765	0.1981	0.0867	17	-0.08	0%	0
003.06	Fat, Crude, Pet Ether (%)	0229	4.770	0.4200	4.765	0.1981	0.0867	17	0.02	0%	0
003.06	Fat, Crude, Pet Ether (%)	0910	4.770	0.0400	4.765	0.1981	0.0867	17	0.02	0%	0
003.06	Fat, Crude, Pet Ether (%)	0689	4.800	0.0000	4.765	0.1981	0.0867	17	0.18	0%	0
003.06	Fat, Crude, Pet Ether (%)	0294	4.802	0.0550	4.765	0.1981	0.0867	17	0.18	0%	0
003.06	Fat, Crude, Pet Ether (%)	0682	4.880	0.0000	4.765	0.1981	0.0867	17	0.58	1%	0
003.06	Fat, Crude, Pet Ether (%)	0687	4.940	0.1200	4.765	0.1981	0.0867	17	0.88	2%	0
003.06	Fat, Crude, Pet Ether (%)	0968	4.970	0.1200	4.765	0.1981	0.0867	17	1.03	2%	0
003.06	Fat, Crude, Pet Ether (%)	0644	5.087	0.0160	4.765	0.1981	0.0867	17	1.62	3%	0
003.06	Fat, Crude, Pet Ether (%)	0656	5.200	0.0000	4.765	0.1981	0.0867	17	2.19	5%	0
003.06	Fat, Crude, Pet Ether (%)	0918	4.340	0.9200	4.765	0.1981	0.0867	17	-2.15	4%	1
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0004	3.460	0.0200	4.758	0.1313	0.1181	11	-9.89	14%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0353	4.620	0.1400	4.758	0.1313	0.1181	11	-1.05	1%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0948	4.650	0.0600	4.758	0.1313	0.1181	11	-0.82	1%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	2349	4.700	0.1600	4.758	0.1313	0.1181	11	-0.44	1%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0098	4.760	0.0800	4.758	0.1313	0.1181	11	0.02	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0508	4.771	0.2395	4.758	0.1313	0.1181	11	0.10	0%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0354	4.810	0.0000	4.758	0.1313	0.1181	11	0.40	1%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0722	4.812	0.0183	4.758	0.1313	0.1181	11	0.41	1%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0685	4.830	0.2000	4.758	0.1313	0.1181	11	0.55	1%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	2453	4.870	0.2190	4.758	0.1313	0.1181	11	0.85	1%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0964	4.952	0.0440	4.758	0.1313	0.1181	11	1.48	2%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0242	3.990	0.8000	4.601	0.1755	0.1322	31	-3.48	7%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0042	4.360	0.4200	4.601	0.1755	0.1322	31	-1.37	3%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2193	4.365	0.1500	4.601	0.1755	0.1322	31	-1.34	3%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2022	4.445	0.0300	4.601	0.1755	0.1322	31	-0.89	2%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0263	4.457	0.0300	4.601	0.1755	0.1322	31	-0.82	2%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0148	4.470	0.4200	4.601	0.1755	0.1322	31	-0.75	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0693	4.475	0.1500	4.601	0.1755	0.1322	31	-0.72	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0045	4.480	0.3400	4.601	0.1755	0.1322	31	-0.69	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0619	4.490	0.0200	4.601	0.1755	0.1322	31	-0.63	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0870	4.505	0.0905	4.601	0.1755	0.1322	31	-0.55	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2155	4.515	0.1030	4.601	0.1755	0.1322	31	-0.49	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0100	4.515	0.0700	4.601	0.1755	0.1322	31	-0.49	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0036	4.561	0.0221	4.601	0.1755	0.1322	31	-0.23	0%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2446	4.562	0.0350	4.601	0.1755	0.1322	31	-0.22	0%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0622	4.565	0.0102	4.601	0.1755	0.1322	31	-0.20	0%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0889	4.585	0.3100	4.601	0.1755	0.1322	31	-0.09	0%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2196	4.600	0.0000	4.601	0.1755	0.1322	31	-0.01	0%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2184	4.605	0.0900	4.601	0.1755	0.1322	31	0.02	0%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2009	4.621	0.0783	4.601	0.1755	0.1322	31	0.11	0%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2434	4.640	0.0000	4.601	0.1755	0.1322	31	0.22	0%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0098	4.645	0.0700	4.601	0.1755	0.1322	31	0.25	0%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0629	4.670	0.0400	4.601	0.1755	0.1322	31	0.39	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2397	4.685	0.0900	4.601	0.1755	0.1322	31	0.48	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0689	4.700	0.2000	4.601	0.1755	0.1322	31	0.56	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2319	4.700	0.0000	4.601	0.1755	0.1322	31	0.56	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0676	4.780	0.0600	4.601	0.1755	0.1322	31	1.02	2%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0610	4.840	0.0600	4.601	0.1755	0.1322	31	1.36	3%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0618	4.870	0.3200	4.601	0.1755	0.1322	31	1.53	3%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2188	4.870	0.0000	4.601	0.1755	0.1322	31	1.53	3%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0366	4.900	0.2000	4.601	0.1755	0.1322	31	1.70	3%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0123	5.750	0.0200	4.601	0.1755	0.1322	31	6.55	12%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0541	4.970	0.8600	4.601	0.1755	0.1322	31	2.10	4%	1
003.11	Fat, Crude, NIR (%)	0885	4.245	0.0100	4.911	0.4912	0.0225	4			0
003.11	Fat, Crude, NIR (%)	0852	4.980	0.0200	4.911	0.4912	0.0225	4			0
003.11	Fat, Crude, NIR (%)	0297	4.990	0.0400	4.911	0.4912	0.0225	4			0
003.11	Fat, Crude, NIR (%)	0889	5.430	0.0200	4.911	0.4912	0.0225	4			0



Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs			
003.12	Fat, Crude, Hexane Ext (%)	2326	4.465	0.1900				2			0
003.12	Fat, Crude, Hexane Ext (%)	0171	4.580	0.0200				2			0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	2246	4.605	0.0100	4.801	0.1586	0.1634	6	-1.23	2%	0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	2089	4.705	0.2900	4.801	0.1586	0.1634	6	-0.60	1%	0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	0870	4.744	0.0201	4.801	0.1586	0.1634	6	-0.36	1%	0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	2006	4.865	0.0900	4.801	0.1586	0.1634	6	0.41	1%	0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	0098	4.905	0.3100	4.801	0.1586	0.1634	6	0.66	1%	0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	0646	4.980	0.2600	4.801	0.1586	0.1634	6	1.13	2%	0
003.14	Fat, Crude, Ankom (%)	0357	2.005	0.0100	4.505	0.3377	0.1213	49	-7.40	28%	0
003.14	Fat, Crude, Ankom (%)	0574	3.330	0.0800	4.505	0.3377	0.1213	49	-3.48	13%	0
003.14	Fat, Crude, Ankom (%)	2359	3.600	0.0000	4.505	0.3377	0.1213	49	-2.68	10%	0
003.14	Fat, Crude, Ankom (%)	0019	3.655	0.4500	4.505	0.3377	0.1213	49	-2.52	9%	0
003.14	Fat, Crude, Ankom (%)	0675	3.880	0.0600	4.505	0.3377	0.1213	49	-1.85	7%	0
003.14	Fat, Crude, Ankom (%)	2375	4.075	0.0100	4.505	0.3377	0.1213	49	-1.27	5%	0
003.14	Fat, Crude, Ankom (%)	2129	4.094	0.1960	4.505	0.3377	0.1213	49	-1.22	5%	0
003.14	Fat, Crude, Ankom (%)	0968	4.110	0.1400	4.505	0.3377	0.1213	49	-1.17	4%	0
003.14	Fat, Crude, Ankom (%)	0581	4.275	0.0900	4.505	0.3377	0.1213	49	-0.68	3%	0
003.14	Fat, Crude, Ankom (%)	0848	4.300	0.0000	4.505	0.3377	0.1213	49	-0.61	2%	0
003.14	Fat, Crude, Ankom (%)	2302	4.300	0.1600	4.505	0.3377	0.1213	49	-0.61	2%	0
003.14	Fat, Crude, Ankom (%)	0226	4.310	0.1200	4.505	0.3377	0.1213	49	-0.58	2%	0
003.14	Fat, Crude, Ankom (%)	0939	4.315	0.4900	4.505	0.3377	0.1213	49	-0.56	2%	0
003.14	Fat, Crude, Ankom (%)	0083	4.320	0.1200	4.505	0.3377	0.1213	49	-0.55	2%	0
003.14	Fat, Crude, Ankom (%)	0108	4.330	0.2600	4.505	0.3377	0.1213	49	-0.52	2%	0
003.14	Fat, Crude, Ankom (%)	0026	4.340	0.0800	4.505	0.3377	0.1213	49	-0.49	2%	0
003.14	Fat, Crude, Ankom (%)	0034	4.375	0.0500	4.505	0.3377	0.1213	49	-0.39	1%	0
003.14	Fat, Crude, Ankom (%)	0682	4.380	0.0000	4.505	0.3377	0.1213	49	-0.37	1%	0
003.14	Fat, Crude, Ankom (%)	0358	4.385	0.0100	4.505	0.3377	0.1213	49	-0.36	1%	0
003.14	Fat, Crude, Ankom (%)	0598	4.385	0.0300	4.505	0.3377	0.1213	49	-0.36	1%	0
003.14	Fat, Crude, Ankom (%)	0956	4.400	0.2000	4.505	0.3377	0.1213	49	-0.31	1%	0
003.14	Fat, Crude, Ankom (%)	0505	4.415	0.0300	4.505	0.3377	0.1213	49	-0.27	1%	0
003.14	Fat, Crude, Ankom (%)	0066	4.485	0.1500	4.505	0.3377	0.1213	49	-0.06	0%	0
003.14	Fat, Crude, Ankom (%)	0186	4.505	0.0900	4.505	0.3377	0.1213	49	0.00	0%	0
003.14	Fat, Crude, Ankom (%)	0148	4.525	0.2700	4.505	0.3377	0.1213	49	0.06	0%	0
003.14	Fat, Crude, Ankom (%)	0144	4.535	0.0500	4.505	0.3377	0.1213	49	0.09	0%	0
003.14	Fat, Crude, Ankom (%)	0004	4.540	0.0200	4.505	0.3377	0.1213	49	0.10	0%	0
003.14	Fat, Crude, Ankom (%)	0037	4.540	0.1200	4.505	0.3377	0.1213	49	0.10	0%	0
003.14	Fat, Crude, Ankom (%)	0001	4.578	0.1150	4.505	0.3377	0.1213	49	0.21	1%	0
003.14	Fat, Crude, Ankom (%)	0948	4.580	0.0200	4.505	0.3377	0.1213	49	0.22	1%	0
003.14	Fat, Crude, Ankom (%)	0511	4.640	0.0800	4.505	0.3377	0.1213	49	0.40	1%	0
003.14	Fat, Crude, Ankom (%)	0171	4.650	0.1000	4.505	0.3377	0.1213	49	0.43	2%	0
003.14	Fat, Crude, Ankom (%)	0853	4.650	0.1000	4.505	0.3377	0.1213	49	0.43	2%	0
003.14	Fat, Crude, Ankom (%)	0035	4.670	0.0000	4.505	0.3377	0.1213	49	0.49	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
003.14	Fat, Crude, Ankom (%)	0202	4.675	0.5700	4.505	0.3377	0.1213	49	0.50	2%	0
003.14	Fat, Crude, Ankom (%)	2076	4.680	0.3041	4.505	0.3377	0.1213	49	0.52	2%	0
003.14	Fat, Crude, Ankom (%)	2445	4.745	0.0300	4.505	0.3377	0.1213	49	0.71	3%	0
003.14	Fat, Crude, Ankom (%)	0009	4.750	0.0200	4.505	0.3377	0.1213	49	0.72	3%	0
003.14	Fat, Crude, Ankom (%)	0089	4.750	0.0400	4.505	0.3377	0.1213	49	0.72	3%	0
003.14	Fat, Crude, Ankom (%)	0407	4.788	0.2965	4.505	0.3377	0.1213	49	0.84	3%	0
003.14	Fat, Crude, Ankom (%)	0529	4.855	0.2700	4.505	0.3377	0.1213	49	1.04	4%	0
003.14	Fat, Crude, Ankom (%)	0619	4.865	0.1900	4.505	0.3377	0.1213	49	1.07	4%	0
003.14	Fat, Crude, Ankom (%)	0003	4.875	0.5500	4.505	0.3377	0.1213	49	1.09	4%	0
003.14	Fat, Crude, Ankom (%)	0229	4.880	0.1200	4.505	0.3377	0.1213	49	1.11	4%	0
003.14	Fat, Crude, Ankom (%)	0510	4.925	0.0300	4.505	0.3377	0.1213	49	1.24	5%	0
003.14	Fat, Crude, Ankom (%)	0692	4.935	0.1500	4.505	0.3377	0.1213	49	1.27	5%	0
003.14	Fat, Crude, Ankom (%)	0278	5.150	0.1000	4.505	0.3377	0.1213	49	1.91	7%	0
003.14	Fat, Crude, Ankom (%)	0726	5.215	0.0100	4.505	0.3377	0.1213	49	2.10	8%	0
003.14	Fat, Crude, Ankom (%)	0190	5.360	0.0600	4.505	0.3377	0.1213	49	2.53	9%	0
003.14	Fat, Crude, Ankom (%)	0049	5.195	1.350	4.505	0.3377	0.1213	49	2.04	8%	1
003.99	Fat, Crude, Miscellaneous (%)	0536	4.785	0.0900				2			0
003.99	Fat, Crude, Miscellaneous (%)	0880	5.800	2.800				2			0
004.00	Fiber, Crude, Asbestos Free (%)	0425	4.050	0.3000	4.433	0.3406	0.1413	9	-1.12	4%	0
004.00	Fiber, Crude, Asbestos Free (%)	2146	4.095	0.0900	4.433	0.3406	0.1413	9	-0.99	4%	0
004.00	Fiber, Crude, Asbestos Free (%)	0186	4.230	0.0600	4.433	0.3406	0.1413	9	-0.60	2%	0
004.00	Fiber, Crude, Asbestos Free (%)	0164	4.300	0.0000	4.433	0.3406	0.1413	9	-0.39	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	0169	4.375	0.0900	4.433	0.3406	0.1413	9	-0.17	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	0884	4.550	0.3000	4.433	0.3406	0.1413	9	0.34	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	0345	4.575	0.1500	4.433	0.3406	0.1413	9	0.42	2%	0
004.00	Fiber, Crude, Asbestos Free (%)	2359	4.850	0.1000	4.433	0.3406	0.1413	9	1.22	5%	0
004.00	Fiber, Crude, Asbestos Free (%)	0171	4.870	0.0400	4.433	0.3406	0.1413	9	1.28	5%	0
004.00	Fiber, Crude, Asbestos Free (%)	2326	4.875	0.9100	4.433	0.3406	0.1413	9	1.30	5%	1
004.03	Fiber, Crude, Fritted Glass (%)	0353	3.940	0.1200	4.674	0.7313	0.4125	4			0
004.03	Fiber, Crude, Fritted Glass (%)	2089	4.235	1.050	4.674	0.7313	0.4125	4			0
004.03	Fiber, Crude, Fritted Glass (%)	2192	4.955	0.3700	4.674	0.7313	0.4125	4			0
004.03	Fiber, Crude, Fritted Glass (%)	2246	5.565	0.1100	4.674	0.7313	0.4125	4			0
004.06	Fiber, Crude, Fibertec (%)	0968	4.100	0.0000	4.459	0.2400	0.1610	20	-1.49	4%	0
004.06	Fiber, Crude, Fibertec (%)	0918	4.215	0.2500	4.459	0.2400	0.1610	20	-1.02	3%	0
004.06	Fiber, Crude, Fibertec (%)	2188	4.220	0.0000	4.459	0.2400	0.1610	20	-0.99	3%	0
004.06	Fiber, Crude, Fibertec (%)	0964	4.335	0.0900	4.459	0.2400	0.1610	20	-0.52	1%	0
004.06	Fiber, Crude, Fibertec (%)	0199	4.350	0.1200	4.459	0.2400	0.1610	20	-0.45	1%	0
004.06	Fiber, Crude, Fibertec (%)	0689	4.350	0.3000	4.459	0.2400	0.1610	20	-0.45	1%	0
004.06	Fiber, Crude, Fibertec (%)	2325	4.355	0.0300	4.459	0.2400	0.1610	20	-0.43	1%	0
004.06	Fiber, Crude, Fibertec (%)	0948	4.365	0.0500	4.459	0.2400	0.1610	20	-0.39	1%	0
004.06	Fiber, Crude, Fibertec (%)	2006	4.375	0.1300	4.459	0.2400	0.1610	20	-0.35	1%	0
004.06	Fiber, Crude, Fibertec (%)	0038	4.380	0.1400	4.459	0.2400	0.1610	20	-0.33	1%	0

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			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
004.06	Fiber, Crude, Fibertec (%)	2022	4.380	0.4200	4.459	0.2400	0.1610	20	-0.33	1%	0
004.06	Fiber, Crude, Fibertec (%)	2443	4.395	0.0100	4.459	0.2400	0.1610	20	-0.27	1%	0
004.06	Fiber, Crude, Fibertec (%)	0941	4.445	0.1100	4.459	0.2400	0.1610	20	-0.06	0%	0
004.06	Fiber, Crude, Fibertec (%)	0674	4.480	0.0000	4.459	0.2400	0.1610	20	0.09	0%	0
004.06	Fiber, Crude, Fibertec (%)	2349	4.600	0.2000	4.459	0.2400	0.1610	20	0.59	2%	0
004.06	Fiber, Crude, Fibertec (%)	0098	4.605	0.6100	4.459	0.2400	0.1610	20	0.61	2%	0
004.06	Fiber, Crude, Fibertec (%)	0685	4.790	0.0200	4.459	0.2400	0.1610	20	1.38	4%	0
004.06	Fiber, Crude, Fibertec (%)	0610	4.795	0.3300	4.459	0.2400	0.1610	20	1.40	4%	0
004.06	Fiber, Crude, Fibertec (%)	0676	4.895	0.1300	4.459	0.2400	0.1610	20	1.82	5%	0
004.06	Fiber, Crude, Fibertec (%)	2319	4.950	0.1000	4.459	0.2400	0.1610	20	2.05	6%	0
004.07	Fiber, Crude, ANKOM (%)	0144	3.415	0.2300	4.337	0.3040	0.1318	74	-3.03	11%	0
004.07	Fiber, Crude, ANKOM (%)	0505	3.555	0.0100	4.337	0.3040	0.1318	74	-2.57	9%	0
004.07	Fiber, Crude, ANKOM (%)	0407	3.642	0.0373	4.337	0.3040	0.1318	74	-2.28	8%	0
004.07	Fiber, Crude, ANKOM (%)	0028	3.650	0.1000	4.337	0.3040	0.1318	74	-2.26	8%	0
004.07	Fiber, Crude, ANKOM (%)	0510	3.700	0.0000	4.337	0.3040	0.1318	74	-2.09	7%	0
004.07	Fiber, Crude, ANKOM (%)	2445	3.755	0.1500	4.337	0.3040	0.1318	74	-1.91	7%	0
004.07	Fiber, Crude, ANKOM (%)	2193	3.810	0.1000	4.337	0.3040	0.1318	74	-1.73	6%	0
004.07	Fiber, Crude, ANKOM (%)	0885	3.889	0.0863	4.337	0.3040	0.1318	74	-1.47	5%	0
004.07	Fiber, Crude, ANKOM (%)	0536	3.930	0.3000	4.337	0.3040	0.1318	74	-1.34	5%	0
004.07	Fiber, Crude, ANKOM (%)	0682	4.000	0.0000	4.337	0.3040	0.1318	74	-1.11	4%	0
004.07	Fiber, Crude, ANKOM (%)	0011	4.030	0.3200	4.337	0.3040	0.1318	74	-1.01	4%	0
004.07	Fiber, Crude, ANKOM (%)	0956	4.050	0.3000	4.337	0.3040	0.1318	74	-0.94	3%	0
004.07	Fiber, Crude, ANKOM (%)	0019	4.090	0.2000	4.337	0.3040	0.1318	74	-0.81	3%	0
004.07	Fiber, Crude, ANKOM (%)	0026	4.100	0.0000	4.337	0.3040	0.1318	74	-0.78	3%	0
004.07	Fiber, Crude, ANKOM (%)	0619	4.105	0.3100	4.337	0.3040	0.1318	74	-0.76	3%	0
004.07	Fiber, Crude, ANKOM (%)	2022	4.125	0.0900	4.337	0.3040	0.1318	74	-0.70	2%	0
004.07	Fiber, Crude, ANKOM (%)	0009	4.135	0.2900	4.337	0.3040	0.1318	74	-0.66	2%	0
004.07	Fiber, Crude, ANKOM (%)	0948	4.160	0.1600	4.337	0.3040	0.1318	74	-0.58	2%	0
004.07	Fiber, Crude, ANKOM (%)	0708	4.165	0.0500	4.337	0.3040	0.1318	74	-0.56	2%	0
004.07	Fiber, Crude, ANKOM (%)	0656	4.180	0.0000	4.337	0.3040	0.1318	74	-0.52	2%	0
004.07	Fiber, Crude, ANKOM (%)	0294	4.195	0.0100	4.337	0.3040	0.1318	74	-0.47	2%	0
004.07	Fiber, Crude, ANKOM (%)	0278	4.200	0.0000	4.337	0.3040	0.1318	74	-0.45	2%	0
004.07	Fiber, Crude, ANKOM (%)	0692	4.200	0.4000	4.337	0.3040	0.1318	74	-0.45	2%	0
004.07	Fiber, Crude, ANKOM (%)	0089	4.205	0.0100	4.337	0.3040	0.1318	74	-0.43	2%	0
004.07	Fiber, Crude, ANKOM (%)	2190	4.205	0.0100	4.337	0.3040	0.1318	74	-0.43	2%	0
004.07	Fiber, Crude, ANKOM (%)	0939	4.225	0.1500	4.337	0.3040	0.1318	74	-0.37	1%	0
004.07	Fiber, Crude, ANKOM (%)	2146	4.230	0.1000	4.337	0.3040	0.1318	74	-0.35	1%	0
004.07	Fiber, Crude, ANKOM (%)	0622	4.232	0.0147	4.337	0.3040	0.1318	74	-0.34	1%	0
004.07	Fiber, Crude, ANKOM (%)	0726	4.245	0.2300	4.337	0.3040	0.1318	74	-0.30	1%	0
004.07	Fiber, Crude, ANKOM (%)	0968	4.245	0.1100	4.337	0.3040	0.1318	74	-0.30	1%	0
004.07	Fiber, Crude, ANKOM (%)	0035	4.250	0.1000	4.337	0.3040	0.1318	74	-0.29	1%	0
004.07	Fiber, Crude, ANKOM (%)	0083	4.255	0.0500	4.337	0.3040	0.1318	74	-0.27	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
004.07	Fiber, Crude, ANKOM (%)	0066	4.260	0.0800	4.337	0.3040	0.1318	74	-0.25	1%	0
004.07	Fiber, Crude, ANKOM (%)	2259	4.300	0.0210	4.337	0.3040	0.1318	74	-0.12	0%	0
004.07	Fiber, Crude, ANKOM (%)	0910	4.300	0.2000	4.337	0.3040	0.1318	74	-0.12	0%	0
004.07	Fiber, Crude, ANKOM (%)	2325	4.310	0.0200	4.337	0.3040	0.1318	74	-0.09	0%	0
004.07	Fiber, Crude, ANKOM (%)	0098	4.315	0.0100	4.337	0.3040	0.1318	74	-0.07	0%	0
004.07	Fiber, Crude, ANKOM (%)	0229	4.315	0.2300	4.337	0.3040	0.1318	74	-0.07	0%	0
004.07	Fiber, Crude, ANKOM (%)	0646	4.325	0.0900	4.337	0.3040	0.1318	74	-0.04	0%	0
004.07	Fiber, Crude, ANKOM (%)	2196	4.360	0.0000	4.337	0.3040	0.1318	74	0.08	0%	0
004.07	Fiber, Crude, ANKOM (%)	0504	4.370	0.1400	4.337	0.3040	0.1318	74	0.11	0%	0
004.07	Fiber, Crude, ANKOM (%)	0644	4.383	0.0500	4.337	0.3040	0.1318	74	0.15	1%	0
004.07	Fiber, Crude, ANKOM (%)	2446	4.391	0.2080	4.337	0.3040	0.1318	74	0.18	1%	0
004.07	Fiber, Crude, ANKOM (%)	0100	4.400	0.2000	4.337	0.3040	0.1318	74	0.21	1%	0
004.07	Fiber, Crude, ANKOM (%)	2302	4.405	0.0500	4.337	0.3040	0.1318	74	0.22	1%	0
004.07	Fiber, Crude, ANKOM (%)	2144	4.410	0.0400	4.337	0.3040	0.1318	74	0.24	1%	0
004.07	Fiber, Crude, ANKOM (%)	0643	4.415	0.1500	4.337	0.3040	0.1318	74	0.26	1%	0
004.07	Fiber, Crude, ANKOM (%)	0589	4.465	0.0300	4.337	0.3040	0.1318	74	0.42	1%	0
004.07	Fiber, Crude, ANKOM (%)	2009	4.466	0.0088	4.337	0.3040	0.1318	74	0.42	1%	0
004.07	Fiber, Crude, ANKOM (%)	2337	4.485	0.1900	4.337	0.3040	0.1318	74	0.49	2%	0
004.07	Fiber, Crude, ANKOM (%)	0598	4.495	0.0100	4.337	0.3040	0.1318	74	0.52	2%	0
004.07	Fiber, Crude, ANKOM (%)	0914	4.500	0.8000	4.337	0.3040	0.1318	74	0.54	2%	0
004.07	Fiber, Crude, ANKOM (%)	0004	4.525	0.1300	4.337	0.3040	0.1318	74	0.62	2%	0
004.07	Fiber, Crude, ANKOM (%)	2434	4.525	0.1100	4.337	0.3040	0.1318	74	0.62	2%	0
004.07	Fiber, Crude, ANKOM (%)	0596	4.530	0.0400	4.337	0.3040	0.1318	74	0.64	2%	0
004.07	Fiber, Crude, ANKOM (%)	0263	4.546	0.0240	4.337	0.3040	0.1318	74	0.69	2%	0
004.07	Fiber, Crude, ANKOM (%)	0581	4.550	0.0000	4.337	0.3040	0.1318	74	0.70	2%	0
004.07	Fiber, Crude, ANKOM (%)	0034	4.555	0.2500	4.337	0.3040	0.1318	74	0.72	3%	0
004.07	Fiber, Crude, ANKOM (%)	0354	4.560	0.0200	4.337	0.3040	0.1318	74	0.73	3%	0
004.07	Fiber, Crude, ANKOM (%)	0074	4.565	0.0500	4.337	0.3040	0.1318	74	0.75	3%	0
004.07	Fiber, Crude, ANKOM (%)	0675	4.565	0.1500	4.337	0.3040	0.1318	74	0.75	3%	0
004.07	Fiber, Crude, ANKOM (%)	0226	4.630	0.1400	4.337	0.3040	0.1318	74	0.96	3%	0
004.07	Fiber, Crude, ANKOM (%)	0870	4.650	0.0343	4.337	0.3040	0.1318	74	1.03	4%	0
004.07	Fiber, Crude, ANKOM (%)	0042	4.650	0.1400	4.337	0.3040	0.1318	74	1.03	4%	0
004.07	Fiber, Crude, ANKOM (%)	0366	4.650	0.5000	4.337	0.3040	0.1318	74	1.03	4%	0
004.07	Fiber, Crude, ANKOM (%)	0123	4.670	0.0800	4.337	0.3040	0.1318	74	1.10	4%	0
004.07	Fiber, Crude, ANKOM (%)	2188	4.720	0.0000	4.337	0.3040	0.1318	74	1.26	4%	0
004.07	Fiber, Crude, ANKOM (%)	0190	4.800	0.0000	4.337	0.3040	0.1318	74	1.52	5%	0
004.07	Fiber, Crude, ANKOM (%)	0529	4.840	0.3600	4.337	0.3040	0.1318	74	1.66	6%	0
004.07	Fiber, Crude, ANKOM (%)	0848	4.945	0.0300	4.337	0.3040	0.1318	74	2.00	7%	0
004.07	Fiber, Crude, ANKOM (%)	2109	4.995	0.0900	4.337	0.3040	0.1318	74	2.16	8%	0
004.07	Fiber, Crude, ANKOM (%)	0693	5.025	0.2100	4.337	0.3040	0.1318	74	2.26	8%	0
004.07	Fiber, Crude, ANKOM (%)	0045	5.065	0.4300	4.337	0.3040	0.1318	74	2.40	8%	0
004.07	Fiber, Crude, ANKOM (%)	0626	7.444	0.6750	4.337	0.3040	0.1318	74	10.22	36%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
004.07	Fiber, Crude, ANKOM (%)	0202	3.145	1.290	4.337	0.3040	0.1318	74	-3.92	14%	1
004.07	Fiber, Crude, ANKOM (%)	2345	4.620	1.000	4.337	0.3040	0.1318	74	0.93	3%	1
004.07	Fiber, Crude, ANKOM (%)	0511	4.700	1.000	4.337	0.3040	0.1318	74	1.19	4%	1
004.07	Fiber, Crude, ANKOM (%)	0889	0.0000	0.0000	4.337	0.3040	0.1318	74			4
004.11	Fiber, Crude, NIR (%)	0889	3.395	0.0300				3			0
004.11	Fiber, Crude, NIR (%)	0885	4.405	0.0100				3			0
004.11	Fiber, Crude, NIR (%)	0852	4.635	0.0900				3			0
004.99	Fiber, Crude, Miscellaneous (%)	0629	4.050	0.3000				3			0
004.99	Fiber, Crude, Miscellaneous (%)	2144	4.235	0.0700				3			0
004.99	Fiber, Crude, Miscellaneous (%)	2129	4.800	0.1410				3			0
005.00	Ash, 2h @ 600°C (%)	0650	4.730	0.4400	5.203	0.2237	0.0624	92	-2.11	5%	0
005.00	Ash, 2h @ 600°C (%)	0169	4.765	0.0300	5.203	0.2237	0.0624	92	-1.96	4%	0
005.00	Ash, 2h @ 600°C (%)	0357	4.800	0.0000	5.203	0.2237	0.0624	92	-1.80	4%	0
005.00	Ash, 2h @ 600°C (%)	0108	4.850	0.1200	5.203	0.2237	0.0624	92	-1.58	3%	0
005.00	Ash, 2h @ 600°C (%)	0539	4.875	0.0900	5.203	0.2237	0.0624	92	-1.46	3%	0
005.00	Ash, 2h @ 600°C (%)	0953	4.910	0.0600	5.203	0.2237	0.0624	92	-1.31	3%	0
005.00	Ash, 2h @ 600°C (%)	0622	4.920	0.0364	5.203	0.2237	0.0624	92	-1.27	3%	0
005.00	Ash, 2h @ 600°C (%)	0278	4.920	0.0000	5.203	0.2237	0.0624	92	-1.26	3%	0
005.00	Ash, 2h @ 600°C (%)	2184	4.925	0.1300	5.203	0.2237	0.0624	92	-1.24	3%	0
005.00	Ash, 2h @ 600°C (%)	0407	4.931	0.0322	5.203	0.2237	0.0624	92	-1.22	3%	0
005.00	Ash, 2h @ 600°C (%)	0042	4.935	0.0500	5.203	0.2237	0.0624	92	-1.20	3%	0
005.00	Ash, 2h @ 600°C (%)	0848	4.935	0.0100	5.203	0.2237	0.0624	92	-1.20	3%	0
005.00	Ash, 2h @ 600°C (%)	0918	4.935	0.0500	5.203	0.2237	0.0624	92	-1.20	3%	0
005.00	Ash, 2h @ 600°C (%)	0186	4.942	0.0610	5.203	0.2237	0.0624	92	-1.17	3%	0
005.00	Ash, 2h @ 600°C (%)	2322	4.945	0.0300	5.203	0.2237	0.0624	92	-1.15	2%	0
005.00	Ash, 2h @ 600°C (%)	0045	4.950	0.1000	5.203	0.2237	0.0624	92	-1.13	2%	0
005.00	Ash, 2h @ 600°C (%)	0004	4.960	0.0000	5.203	0.2237	0.0624	92	-1.08	2%	0
005.00	Ash, 2h @ 600°C (%)	0049	4.990	0.0200	5.203	0.2237	0.0624	92	-0.95	2%	0
005.00	Ash, 2h @ 600°C (%)	0598	4.995	0.0100	5.203	0.2237	0.0624	92	-0.93	2%	0
005.00	Ash, 2h @ 600°C (%)	2359	5.000	0.0000	5.203	0.2237	0.0624	92	-0.91	2%	0
005.00	Ash, 2h @ 600°C (%)	2022	5.005	0.0100	5.203	0.2237	0.0624	92	-0.88	2%	0
005.00	Ash, 2h @ 600°C (%)	2349	5.010	0.0600	5.203	0.2237	0.0624	92	-0.86	2%	0
005.00	Ash, 2h @ 600°C (%)	0026	5.015	0.0900	5.203	0.2237	0.0624	92	-0.84	2%	0
005.00	Ash, 2h @ 600°C (%)	2302	5.015	0.0300	5.203	0.2237	0.0624	92	-0.84	2%	0
005.00	Ash, 2h @ 600°C (%)	0722	5.040	0.0113	5.203	0.2237	0.0624	92	-0.73	2%	0
005.00	Ash, 2h @ 600°C (%)	0574	5.040	0.0800	5.203	0.2237	0.0624	92	-0.73	2%	0
005.00	Ash, 2h @ 600°C (%)	0956	5.050	0.5000	5.203	0.2237	0.0624	92	-0.68	1%	0
005.00	Ash, 2h @ 600°C (%)	0366	5.050	0.3000	5.203	0.2237	0.0624	92	-0.68	1%	0
005.00	Ash, 2h @ 600°C (%)	0354	5.054	0.0040	5.203	0.2237	0.0624	92	-0.66	1%	0
005.00	Ash, 2h @ 600°C (%)	0089	5.065	0.0100	5.203	0.2237	0.0624	92	-0.62	1%	0
005.00	Ash, 2h @ 600°C (%)	0646	5.080	0.0000	5.203	0.2237	0.0624	92	-0.55	1%	0
005.00	Ash, 2h @ 600°C (%)	2445	5.090	0.0400	5.203	0.2237	0.0624	92	-0.50	1%	0

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			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
005.00	Ash, 2h @ 600°C (%)	0529	5.100	0.0200	5.203	0.2237	0.0624	92	-0.46	1%	0
005.00	Ash, 2h @ 600°C (%)	0199	5.145	0.0300	5.203	0.2237	0.0624	92	-0.26	1%	0
005.00	Ash, 2h @ 600°C (%)	0505	5.145	0.0500	5.203	0.2237	0.0624	92	-0.26	1%	0
005.00	Ash, 2h @ 600°C (%)	2453	5.160	0.0580	5.203	0.2237	0.0624	92	-0.19	0%	0
005.00	Ash, 2h @ 600°C (%)	0038	5.165	0.1500	5.203	0.2237	0.0624	92	-0.17	0%	0
005.00	Ash, 2h @ 600°C (%)	2442	5.170	0.0400	5.203	0.2237	0.0624	92	-0.15	0%	0
005.00	Ash, 2h @ 600°C (%)	0358	5.195	0.0300	5.203	0.2237	0.0624	92	-0.03	0%	0
005.00	Ash, 2h @ 600°C (%)	2150	5.200	0.0400	5.203	0.2237	0.0624	92	-0.01	0%	0
005.00	Ash, 2h @ 600°C (%)	0510	5.200	0.0200	5.203	0.2237	0.0624	92	-0.01	0%	0
005.00	Ash, 2h @ 600°C (%)	0589	5.215	0.0700	5.203	0.2237	0.0624	92	0.05	0%	0
005.00	Ash, 2h @ 600°C (%)	2196	5.220	0.0000	5.203	0.2237	0.0624	92	0.08	0%	0
005.00	Ash, 2h @ 600°C (%)	0297	5.225	0.0700	5.203	0.2237	0.0624	92	0.10	0%	0
005.00	Ash, 2h @ 600°C (%)	0229	5.230	0.1000	5.203	0.2237	0.0624	92	0.12	0%	0
005.00	Ash, 2h @ 600°C (%)	0504	5.235	0.0700	5.203	0.2237	0.0624	92	0.14	0%	0
005.00	Ash, 2h @ 600°C (%)	0047	5.250	0.1000	5.203	0.2237	0.0624	92	0.21	0%	0
005.00	Ash, 2h @ 600°C (%)	0853	5.250	0.1000	5.203	0.2237	0.0624	92	0.21	0%	0
005.00	Ash, 2h @ 600°C (%)	2188	5.250	0.0000	5.203	0.2237	0.0624	92	0.21	0%	0
005.00	Ash, 2h @ 600°C (%)	0656	5.260	0.0000	5.203	0.2237	0.0624	92	0.26	1%	0
005.00	Ash, 2h @ 600°C (%)	2434	5.260	0.0200	5.203	0.2237	0.0624	92	0.26	1%	0
005.00	Ash, 2h @ 600°C (%)	2443	5.264	0.0370	5.203	0.2237	0.0624	92	0.27	1%	0
005.00	Ash, 2h @ 600°C (%)	2006	5.270	0.0400	5.203	0.2237	0.0624	92	0.30	1%	0
005.00	Ash, 2h @ 600°C (%)	0651	5.272	0.0737	5.203	0.2237	0.0624	92	0.31	1%	0
005.00	Ash, 2h @ 600°C (%)	0541	5.285	0.0300	5.203	0.2237	0.0624	92	0.37	1%	0
005.00	Ash, 2h @ 600°C (%)	2337	5.295	0.0100	5.203	0.2237	0.0624	92	0.41	1%	0
005.00	Ash, 2h @ 600°C (%)	2397	5.295	0.0100	5.203	0.2237	0.0624	92	0.41	1%	0
005.00	Ash, 2h @ 600°C (%)	0353	5.300	0.0400	5.203	0.2237	0.0624	92	0.43	1%	0
005.00	Ash, 2h @ 600°C (%)	0870	5.304	0.0616	5.203	0.2237	0.0624	92	0.45	1%	0
005.00	Ash, 2h @ 600°C (%)	0100	5.310	0.1600	5.203	0.2237	0.0624	92	0.48	1%	0
005.00	Ash, 2h @ 600°C (%)	0164	5.310	0.3200	5.203	0.2237	0.0624	92	0.48	1%	0
005.00	Ash, 2h @ 600°C (%)	2181	5.310	0.0200	5.203	0.2237	0.0624	92	0.48	1%	0
005.00	Ash, 2h @ 600°C (%)	0693	5.315	0.1100	5.203	0.2237	0.0624	92	0.50	1%	0
005.00	Ash, 2h @ 600°C (%)	2325	5.315	0.1300	5.203	0.2237	0.0624	92	0.50	1%	0
005.00	Ash, 2h @ 600°C (%)	2326	5.325	0.0100	5.203	0.2237	0.0624	92	0.55	1%	0
005.00	Ash, 2h @ 600°C (%)	0148	5.335	0.0300	5.203	0.2237	0.0624	92	0.59	1%	0
005.00	Ash, 2h @ 600°C (%)	2259	5.340	0.1220	5.203	0.2237	0.0624	92	0.61	1%	0
005.00	Ash, 2h @ 600°C (%)	0083	5.350	0.0600	5.203	0.2237	0.0624	92	0.66	1%	0
005.00	Ash, 2h @ 600°C (%)	0674	5.350	0.0000	5.203	0.2237	0.0624	92	0.66	1%	0
005.00	Ash, 2h @ 600°C (%)	0968	5.350	0.0400	5.203	0.2237	0.0624	92	0.66	1%	0
005.00	Ash, 2h @ 600°C (%)	0675	5.355	0.0100	5.203	0.2237	0.0624	92	0.68	1%	0
005.00	Ash, 2h @ 600°C (%)	0001	5.357	0.0600	5.203	0.2237	0.0624	92	0.69	1%	0
005.00	Ash, 2h @ 600°C (%)	0098	5.375	0.0300	5.203	0.2237	0.0624	92	0.77	2%	0
005.00	Ash, 2h @ 600°C (%)	0123	5.385	0.1100	5.203	0.2237	0.0624	92	0.81	2%	0

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005.00	Ash, 2h @ 600°C (%)	0242	5.385	0.0300	5.203	0.2237	0.0624	92	0.81	2%	0
005.00	Ash, 2h @ 600°C (%)	2076	5.385	0.0667	5.203	0.2237	0.0624	92	0.82	2%	0
005.00	Ash, 2h @ 600°C (%)	0144	5.395	0.0300	5.203	0.2237	0.0624	92	0.86	2%	0
005.00	Ash, 2h @ 600°C (%)	0685	5.410	0.2000	5.203	0.2237	0.0624	92	0.93	2%	0
005.00	Ash, 2h @ 600°C (%)	2450	5.410	0.0600	5.203	0.2237	0.0624	92	0.93	2%	0
005.00	Ash, 2h @ 600°C (%)	0425	5.415	0.0500	5.203	0.2237	0.0624	92	0.95	2%	0
005.00	Ash, 2h @ 600°C (%)	0035	5.425	0.0700	5.203	0.2237	0.0624	92	0.99	2%	0
005.00	Ash, 2h @ 600°C (%)	0171	5.455	0.0500	5.203	0.2237	0.0624	92	1.13	2%	0
005.00	Ash, 2h @ 600°C (%)	2246	5.455	0.0700	5.203	0.2237	0.0624	92	1.13	2%	0
005.00	Ash, 2h @ 600°C (%)	2193	5.475	0.0700	5.203	0.2237	0.0624	92	1.22	3%	0
005.00	Ash, 2h @ 600°C (%)	0345	5.480	0.0600	5.203	0.2237	0.0624	92	1.24	3%	0
005.00	Ash, 2h @ 600°C (%)	0948	5.485	0.0100	5.203	0.2237	0.0624	92	1.26	3%	0
005.00	Ash, 2h @ 600°C (%)	0880	5.495	0.3100	5.203	0.2237	0.0624	92	1.31	3%	0
005.00	Ash, 2h @ 600°C (%)	2089	5.570	0.6400	5.203	0.2237	0.0624	92	1.64	4%	0
005.00	Ash, 2h @ 600°C (%)	0226	5.625	0.1900	5.203	0.2237	0.0624	92	1.89	4%	0
005.00	Ash, 2h @ 600°C (%)	0682	5.640	0.0000	5.203	0.2237	0.0624	92	1.95	4%	0
005.00	Ash, 2h @ 600°C (%)	0914	5.745	0.5500	5.203	0.2237	0.0624	92	2.42	5%	0
005.00	Ash, 2h @ 600°C (%)	0852	6.000	0.0000	5.203	0.2237	0.0624	92	3.56	8%	0
005.00	Ash, 2h @ 600°C (%)	0618	12.82	1.830	5.203	0.2237	0.0624	92	34.02	73%	2
005.02	Ash, LECO (%)	0644	5.035	0.0310				1			0
005.03	Ash, Microwave furnace (%)	0511	4.950	0.1000				1			0
005.05	Ash, 3h @ 550°C (%)	0003	4.965	0.0100	5.388	0.1509	0.0588	27	-2.80	4%	0
005.05	Ash, 3h @ 550°C (%)	0692	5.015	0.0100	5.388	0.1509	0.0588	27	-2.47	3%	0
005.05	Ash, 3h @ 550°C (%)	0066	5.085	0.0700	5.388	0.1509	0.0588	27	-2.00	3%	0
005.05	Ash, 3h @ 550°C (%)	0726	5.105	0.0100	5.388	0.1509	0.0588	27	-1.87	3%	0
005.05	Ash, 3h @ 550°C (%)	0889	5.115	0.2100	5.388	0.1509	0.0588	27	-1.81	3%	0
005.05	Ash, 3h @ 550°C (%)	0263	5.186	0.0100	5.388	0.1509	0.0588	27	-1.34	2%	0
005.05	Ash, 3h @ 550°C (%)	2192	5.345	0.1500	5.388	0.1509	0.0588	27	-0.28	0%	0
005.05	Ash, 3h @ 550°C (%)	0294	5.346	0.0130	5.388	0.1509	0.0588	27	-0.28	0%	0
005.05	Ash, 3h @ 550°C (%)	2442	5.355	0.0300	5.388	0.1509	0.0588	27	-0.22	0%	0
005.05	Ash, 3h @ 550°C (%)	2446	5.372	0.2140	5.388	0.1509	0.0588	27	-0.10	0%	0
005.05	Ash, 3h @ 550°C (%)	0643	5.410	0.0200	5.388	0.1509	0.0588	27	0.15	0%	0
005.05	Ash, 3h @ 550°C (%)	2190	5.420	0.0000	5.388	0.1509	0.0588	27	0.21	0%	0
005.05	Ash, 3h @ 550°C (%)	0190	5.425	0.0300	5.388	0.1509	0.0588	27	0.25	0%	0
005.05	Ash, 3h @ 550°C (%)	0939	5.435	0.0100	5.388	0.1509	0.0588	27	0.31	0%	0
005.05	Ash, 3h @ 550°C (%)	0619	5.440	0.0600	5.388	0.1509	0.0588	27	0.35	0%	0
005.05	Ash, 3h @ 550°C (%)	2009	5.450	0.0160	5.388	0.1509	0.0588	27	0.42	1%	0
005.05	Ash, 3h @ 550°C (%)	0689	5.455	0.0300	5.388	0.1509	0.0588	27	0.45	1%	0
005.05	Ash, 3h @ 550°C (%)	0885	5.459	0.0542	5.388	0.1509	0.0588	27	0.47	1%	0
005.05	Ash, 3h @ 550°C (%)	0596	5.470	0.0200	5.388	0.1509	0.0588	27	0.55	1%	0
005.05	Ash, 3h @ 550°C (%)	0610	5.475	0.0300	5.388	0.1509	0.0588	27	0.58	1%	0
005.05	Ash, 3h @ 550°C (%)	2109	5.485	0.1300	5.388	0.1509	0.0588	27	0.65	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
005.05	Ash, 3h @ 550°C (%)	2144	5.485	0.0500	5.388	0.1509	0.0588	27	0.65	1%	0
005.05	Ash, 3h @ 550°C (%)	2146	5.500	0.0000	5.388	0.1509	0.0588	27	0.74	1%	0
005.05	Ash, 3h @ 550°C (%)	0590	5.510	0.0800	5.388	0.1509	0.0588	27	0.81	1%	0
005.05	Ash, 3h @ 550°C (%)	0034	5.515	0.2280	5.388	0.1509	0.0588	27	0.84	1%	0
005.05	Ash, 3h @ 550°C (%)	2246	5.555	0.0300	5.388	0.1509	0.0588	27	1.11	2%	0
005.05	Ash, 3h @ 550°C (%)	2129	5.567	0.1990	5.388	0.1509	0.0588	27	1.19	2%	0
005.05	Ash, 3h @ 550°C (%)	2345	0.0515	0.0030	5.388	0.1509	0.0588	27	-35.35	50%	2
005.11	Ash, NIR (%)	0889	3.605	0.0700				3			0
005.11	Ash, NIR (%)	0885	6.440	0.0200				3			0
005.11	Ash, NIR (%)	0852	7.175	0.0900				3			0
005.11	Ash, NIR (%)	0297	5.600	0.4200				3			1
005.99	Ash, Miscellaneous (%)	0019	4.850	0.1000	5.484	0.0837	0.1011	9	-7.58	6%	0
005.99	Ash, Miscellaneous (%)	2319	5.400	0.0000	5.484	0.0837	0.1011	9	-1.00	1%	0
005.99	Ash, Miscellaneous (%)	0202	5.450	0.1000	5.484	0.0837	0.1011	9	-0.41	0%	0
005.99	Ash, Miscellaneous (%)	0676	5.490	0.0600	5.484	0.0837	0.1011	9	0.07	0%	0
005.99	Ash, Miscellaneous (%)	0652	5.500	0.2000	5.484	0.0837	0.1011	9	0.19	0%	0
005.99	Ash, Miscellaneous (%)	0884	5.500	0.0000	5.484	0.0837	0.1011	9	0.19	0%	0
005.99	Ash, Miscellaneous (%)	0629	5.510	0.0200	5.484	0.0837	0.1011	9	0.31	0%	0
005.99	Ash, Miscellaneous (%)	0644	5.538	0.0680	5.484	0.0837	0.1011	9	0.65	0%	0
005.99	Ash, Miscellaneous (%)	0536	5.770	0.1600	5.484	0.0837	0.1011	9	3.42	3%	0
006.00	Total Sugars, As sucrose (%)	2192	3.475	0.0700				3			0
006.00	Total Sugars, As sucrose (%)	0910	3.695	0.7300				3			0
006.00	Total Sugars, As sucrose (%)	0407	4.341	0.2210				3			0
006.03	Total Sugars, Invert w/o Invsrn (%)	0941	4.415	0.1100				1			0
006.99	Total Sugars, Miscellaneous (%)	0148	2.930	0.1600	4.413	1.024	0.1533	4			0
006.99	Total Sugars, Miscellaneous (%)	0674	4.580	0.0000	4.413	1.024	0.1533	4			0
006.99	Total Sugars, Miscellaneous (%)	0956	4.900	0.2000	4.413	1.024	0.1533	4			0
006.99	Total Sugars, Miscellaneous (%)	0610	5.240	0.1000	4.413	1.024	0.1533	4			0
008.02	Fiber, Acid Detergent, Crucible (%)	0676	5.530	0.5200	6.210	0.4183	0.2373	12	-1.63	5%	0
008.02	Fiber, Acid Detergent, Crucible (%)	2246	5.760	0.0200	6.210	0.4183	0.2373	12	-1.08	4%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0674	5.950	0.0000	6.210	0.4183	0.2373	12	-0.62	2%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0226	6.105	0.0500	6.210	0.4183	0.2373	12	-0.25	1%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0948	6.145	0.2100	6.210	0.4183	0.2373	12	-0.16	1%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0345	6.150	0.3000	6.210	0.4183	0.2373	12	-0.14	0%	0
008.02	Fiber, Acid Detergent, Crucible (%)	2192	6.200	0.2000	6.210	0.4183	0.2373	12	-0.03	0%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0098	6.250	0.3600	6.210	0.4183	0.2373	12	0.09	0%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0148	6.250	0.2200	6.210	0.4183	0.2373	12	0.09	0%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0964	6.515	0.3300	6.210	0.4183	0.2373	12	0.73	2%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0353	6.780	0.1600	6.210	0.4183	0.2373	12	1.36	5%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0689	6.950	0.3000	6.210	0.4183	0.2373	12	1.77	6%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2302	4.645	0.0500	6.152	0.4074	0.1928	51	-3.70	12%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2345	4.895	0.2500	6.152	0.4074	0.1928	51	-3.09	10%	0



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			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0889	4.935	0.0300	6.152	0.4074	0.1928	51	-2.99	10%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2129	5.170	0.0750	6.152	0.4074	0.1928	51	-2.41	8%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0590	5.450	0.5400	6.152	0.4074	0.1928	51	-1.72	6%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0656	5.630	0.0000	6.152	0.4074	0.1928	51	-1.28	4%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0026	5.650	0.0000	6.152	0.4074	0.1928	51	-1.23	4%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0939	5.680	0.3200	6.152	0.4074	0.1928	51	-1.16	4%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0581	5.800	0.1000	6.152	0.4074	0.1928	51	-0.86	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0956	5.800	0.4000	6.152	0.4074	0.1928	51	-0.86	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0910	5.805	0.0100	6.152	0.4074	0.1928	51	-0.85	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0004	5.820	0.0800	6.152	0.4074	0.1928	51	-0.81	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0358	5.865	0.3300	6.152	0.4074	0.1928	51	-0.70	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0848	5.880	0.0000	6.152	0.4074	0.1928	51	-0.67	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0675	5.925	0.0700	6.152	0.4074	0.1928	51	-0.56	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2375	5.945	0.1100	6.152	0.4074	0.1928	51	-0.51	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0619	5.960	0.1000	6.152	0.4074	0.1928	51	-0.47	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0948	6.010	0.3000	6.152	0.4074	0.1928	51	-0.35	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2146	6.010	0.0000	6.152	0.4074	0.1928	51	-0.35	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0049	6.040	0.2000	6.152	0.4074	0.1928	51	-0.27	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0968	6.055	0.1100	6.152	0.4074	0.1928	51	-0.24	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0066	6.115	0.1100	6.152	0.4074	0.1928	51	-0.09	0%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0366	6.150	0.7000	6.152	0.4074	0.1928	51	0.00	0%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0510	6.150	0.5000	6.152	0.4074	0.1928	51	0.00	0%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0354	6.170	0.5000	6.152	0.4074	0.1928	51	0.04	0%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0596	6.185	0.0100	6.152	0.4074	0.1928	51	0.08	0%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0278	6.200	0.4000	6.152	0.4074	0.1928	51	0.12	0%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0148	6.260	0.0600	6.152	0.4074	0.1928	51	0.27	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0037	6.265	0.0300	6.152	0.4074	0.1928	51	0.28	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0504	6.280	0.7400	6.152	0.4074	0.1928	51	0.31	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0001	6.293	0.1930	6.152	0.4074	0.1928	51	0.34	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2196	6.310	0.0000	6.152	0.4074	0.1928	51	0.39	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0190	6.315	0.0100	6.152	0.4074	0.1928	51	0.40	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0726	6.315	0.0100	6.152	0.4074	0.1928	51	0.40	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0885	6.377	0.1080	6.152	0.4074	0.1928	51	0.55	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0263	6.378	0.0600	6.152	0.4074	0.1928	51	0.55	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2190	6.385	0.3100	6.152	0.4074	0.1928	51	0.57	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0297	6.400	0.8000	6.152	0.4074	0.1928	51	0.61	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0042	6.410	0.0200	6.152	0.4074	0.1928	51	0.63	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0693	6.470	0.3200	6.152	0.4074	0.1928	51	0.78	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0646	6.475	0.1100	6.152	0.4074	0.1928	51	0.79	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0511	6.500	0.2000	6.152	0.4074	0.1928	51	0.85	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0035	6.505	0.2900	6.152	0.4074	0.1928	51	0.87	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0083	6.525	0.0900	6.152	0.4074	0.1928	51	0.92	3%	0

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008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0918	6.540	0.2200	6.152	0.4074	0.1928	51	0.95	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0407	6.582	0.1623	6.152	0.4074	0.1928	51	1.06	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0294	6.583	0.0950	6.152	0.4074	0.1928	51	1.06	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0045	6.745	0.1700	6.152	0.4074	0.1928	51	1.46	5%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0357	7.310	0.1600	6.152	0.4074	0.1928	51	2.84	9%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0870	7.317	0.3175	6.152	0.4074	0.1928	51	2.86	9%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0536	8.420	0.2400	6.152	0.4074	0.1928	51	5.57	18%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2445	17.16	0.2500	6.152	0.4074	0.1928	51	27.01	89%	2
008.99	Fiber, Acid Detergent, Miscellaneous (%)	0629	6.200	0.4000				3			0
008.99	Fiber, Acid Detergent, Miscellaneous (%)	0610	6.655	0.2100				3			0
008.99	Fiber, Acid Detergent, Miscellaneous (%)	0941	6.850	0.2200				3			0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat	0910	15.40	0.6000	18.42	1.219	0.3719	13	-2.48	8%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat	0098	17.10	1.200	18.42	1.219	0.3719	13	-1.08	4%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat	0345	17.14	0.1300	18.42	1.219	0.3719	13	-1.05	3%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat	0353	17.91	0.9300	18.42	1.219	0.3719	13	-0.42	1%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat	0610	18.25	0.5000	18.42	1.219	0.3719	13	-0.14	0%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat	0674	18.40	0.0000	18.42	1.219	0.3719	13	-0.02	0%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat	0948	18.49	0.2700	18.42	1.219	0.3719	13	0.05	0%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat	0964	18.57	0.1610	18.42	1.219	0.3719	13	0.13	0%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat	2192	18.70	0.2000	18.42	1.219	0.3719	13	0.23	1%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat	0676	18.75	0.1200	18.42	1.219	0.3719	13	0.27	1%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat	0226	19.33	0.3500	18.42	1.219	0.3719	13	0.74	2%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat	2246	19.99	0.1200	18.42	1.219	0.3719	13	1.29	4%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat	0689	21.10	0.4000	18.42	1.219	0.3719	13	2.20	7%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0598	14.93	0.0400	17.14	0.7171	0.2341	46	-3.08	6%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0619	15.18	0.5300	17.14	0.7171	0.2341	46	-2.73	6%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0083	15.32	0.1900	17.14	0.7171	0.2341	46	-2.54	5%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	2146	16.20	0.0100	17.14	0.7171	0.2341	46	-1.31	3%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0656	16.34	0.0000	17.14	0.7171	0.2341	46	-1.11	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0885	16.37	0.1275	17.14	0.7171	0.2341	46	-1.07	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0596	16.39	0.2600	17.14	0.7171	0.2341	46	-1.04	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0870	16.43	0.0325	17.14	0.7171	0.2341	46	-0.98	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0889	16.44	0.0000	17.14	0.7171	0.2341	46	-0.97	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0581	16.49	0.5900	17.14	0.7171	0.2341	46	-0.91	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	2022	16.49	0.3500	17.14	0.7171	0.2341	46	-0.91	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0049	16.49	0.0200	17.14	0.7171	0.2341	46	-0.90	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0510	16.60	0.0000	17.14	0.7171	0.2341	46	-0.75	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0407	16.67	0.2603	17.14	0.7171	0.2341	46	-0.65	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0263	16.74	0.1300	17.14	0.7171	0.2341	46	-0.56	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0358	16.74	0.4100	17.14	0.7171	0.2341	46	-0.56	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	2302	16.75	0.1000	17.14	0.7171	0.2341	46	-0.54	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	2375	16.78	0.1000	17.14	0.7171	0.2341	46	-0.50	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0939	16.80	0.0700	17.14	0.7171	0.2341	46	-0.48	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0357	17.12	0.0400	17.14	0.7171	0.2341	46	-0.02	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0504	17.18	0.4400	17.14	0.7171	0.2341	46	0.06	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0366	17.20	0.2000	17.14	0.7171	0.2341	46	0.09	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0675	17.23	0.0400	17.14	0.7171	0.2341	46	0.13	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	2190	17.33	0.3100	17.14	0.7171	0.2341	46	0.26	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0646	17.36	0.0200	17.14	0.7171	0.2341	46	0.31	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0726	17.38	0.0600	17.14	0.7171	0.2341	46	0.34	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0190	17.39	0.0700	17.14	0.7171	0.2341	46	0.35	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	2196	17.39	0.0000	17.14	0.7171	0.2341	46	0.35	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0037	17.47	0.1900	17.14	0.7171	0.2341	46	0.46	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0693	17.47	0.1800	17.14	0.7171	0.2341	46	0.47	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	2129	17.48	0.0440	17.14	0.7171	0.2341	46	0.48	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0035	17.49	0.0000	17.14	0.7171	0.2341	46	0.49	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0045	17.60	0.6000	17.14	0.7171	0.2341	46	0.65	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0297	17.60	0.4000	17.14	0.7171	0.2341	46	0.65	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0956	17.60	0.6000	17.14	0.7171	0.2341	46	0.65	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0354	17.68	0.4200	17.14	0.7171	0.2341	46	0.76	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0294	17.69	0.0860	17.14	0.7171	0.2341	46	0.77	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0148	17.74	0.0300	17.14	0.7171	0.2341	46	0.84	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0066	17.88	0.3300	17.14	0.7171	0.2341	46	1.03	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	2345	17.90	0.4000	17.14	0.7171	0.2341	46	1.07	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0918	17.91	0.2800	17.14	0.7171	0.2341	46	1.08	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0848	17.99	0.1000	17.14	0.7171	0.2341	46	1.19	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0590	18.01	0.4900	17.14	0.7171	0.2341	46	1.21	3%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0948	18.05	0.4200	17.14	0.7171	0.2341	46	1.28	3%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0968	18.05	0.2400	17.14	0.7171	0.2341	46	1.28	3%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0278	18.40	0.8000	17.14	0.7171	0.2341	46	1.76	4%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0536	18.62	1.140	17.14	0.7171	0.2341	46	2.07	4%	1
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	2445	5.535	0.0500	17.14	0.7171	0.2341	46	-16.18	34%	2
009.99	Fiber, Neutral Detergent, Miscellaneous (%)	0629	16.50	0.0000				3			0
009.99	Fiber, Neutral Detergent, Miscellaneous (%)	0941	19.02	0.1000				3			0
009.99	Fiber, Neutral Detergent, Miscellaneous (%)	0889	20.35	0.0800				3			0
010.03	Moisture, Karl-Fischer (%)	0164	11.10	0.1400				2			0
010.03	Moisture, Karl-Fischer (%)	0843	11.93	0.2500				2			0
010.11	Moisture, NIR (%)	0889	10.42	0.0200				3			0
010.11	Moisture, NIR (%)	0885	10.76	0.0200				3			0
010.11	Moisture, NIR (%)	0852	11.15	0.1300				3			0
010.99	Moisture, Miscellaneous (%)	2129	10.16	0.0674	10.75	0.4228	0.0864	17	-1.39	3%	0
010.99	Moisture, Miscellaneous (%)	0622	10.35	0.0725	10.75	0.4228	0.0864	17	-0.95	2%	0
010.99	Moisture, Miscellaneous (%)	2443	10.36	0.0270	10.75	0.4228	0.0864	17	-0.91	2%	0
010.99	Moisture, Miscellaneous (%)	0722	10.38	0.0821	10.75	0.4228	0.0864	17	-0.87	2%	0

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			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
010.99	Moisture, Miscellaneous (%)	2375	10.39	0.0700	10.75	0.4228	0.0864	17	-0.86	2%	0
010.99	Moisture, Miscellaneous (%)	0939	10.42	0.1200	10.75	0.4228	0.0864	17	-0.78	2%	0
010.99	Moisture, Miscellaneous (%)	0948	10.50	0.0100	10.75	0.4228	0.0864	17	-0.60	1%	0
010.99	Moisture, Miscellaneous (%)	0692	10.78	0.3100	10.75	0.4228	0.0864	17	0.06	0%	0
010.99	Moisture, Miscellaneous (%)	0652	10.85	0.1000	10.75	0.4228	0.0864	17	0.24	0%	0
010.99	Moisture, Miscellaneous (%)	0726	10.89	0.0600	10.75	0.4228	0.0864	17	0.33	1%	0
010.99	Moisture, Miscellaneous (%)	0884	10.90	0.0000	10.75	0.4228	0.0864	17	0.36	1%	0
010.99	Moisture, Miscellaneous (%)	2076	10.91	0.0700	10.75	0.4228	0.0864	17	0.37	1%	0
010.99	Moisture, Miscellaneous (%)	2150	10.97	0.1000	10.75	0.4228	0.0864	17	0.52	1%	0
010.99	Moisture, Miscellaneous (%)	2089	11.02	0.0800	10.75	0.4228	0.0864	17	0.64	1%	0
010.99	Moisture, Miscellaneous (%)	0019	11.10	0.3000	10.75	0.4228	0.0864	17	0.83	2%	0
010.99	Moisture, Miscellaneous (%)	0964	11.45	0.1540	10.75	0.4228	0.0864	17	1.66	3%	0
010.99	Moisture, Miscellaneous (%)	0190	11.53	0.0400	10.75	0.4228	0.0864	17	1.85	4%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0880	9.650	0.1200	11.49	0.4458	0.1485	64	-4.12	8%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0685	9.890	0.1000	11.49	0.4458	0.1485	64	-3.59	7%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2359	10.10	0.2000	11.49	0.4458	0.1485	64	-3.12	6%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0026	10.35	0.0100	11.49	0.4458	0.1485	64	-2.57	5%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0968	10.53	0.0500	11.49	0.4458	0.1485	64	-2.16	4%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2434	10.71	0.0500	11.49	0.4458	0.1485	64	-1.76	3%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0859	10.83	0.0050	11.49	0.4458	0.1485	64	-1.47	3%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2453	10.90	0.2050	11.49	0.4458	0.1485	64	-1.32	3%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2188	10.91	0.0000	11.49	0.4458	0.1485	64	-1.30	3%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2325	10.92	0.0200	11.49	0.4458	0.1485	64	-1.28	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2450	11.00	0.5000	11.49	0.4458	0.1485	64	-1.10	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0848	11.04	0.0900	11.49	0.4458	0.1485	64	-1.02	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0682	11.09	0.0000	11.49	0.4458	0.1485	64	-0.89	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2446	11.10	0.1500	11.49	0.4458	0.1485	64	-0.87	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0675	11.18	0.1200	11.49	0.4458	0.1485	64	-0.69	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0354	11.21	0.2000	11.49	0.4458	0.1485	64	-0.63	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0539	11.22	0.1500	11.49	0.4458	0.1485	64	-0.61	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0511	11.23	0.5500	11.49	0.4458	0.1485	64	-0.59	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2181	11.30	0.0500	11.49	0.4458	0.1485	64	-0.43	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2022	11.36	0.0100	11.49	0.4458	0.1485	64	-0.30	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2246	11.36	0.1800	11.49	0.4458	0.1485	64	-0.29	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0953	11.39	0.0300	11.49	0.4458	0.1485	64	-0.23	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2193	11.39	0.3700	11.49	0.4458	0.1485	64	-0.23	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0510	11.40	0.0000	11.49	0.4458	0.1485	64	-0.20	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0574	11.40	0.1800	11.49	0.4458	0.1485	64	-0.20	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2326	11.40	0.6200	11.49	0.4458	0.1485	64	-0.20	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0229	11.45	0.4100	11.49	0.4458	0.1485	64	-0.10	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0358	11.48	0.3400	11.49	0.4458	0.1485	64	-0.02	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0651	11.48	0.0560	11.49	0.4458	0.1485	64	-0.01	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
011.01	Loss on Drying, HT, 135°C 2hr (%)	0263	11.49	0.0120	11.49	0.4458	0.1485	64	0.01	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0598	11.50	0.0200	11.49	0.4458	0.1485	64	0.03	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0643	11.53	0.0200	11.49	0.4458	0.1485	64	0.09	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0100	11.54	0.1900	11.49	0.4458	0.1485	64	0.10	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0425	11.54	0.0400	11.49	0.4458	0.1485	64	0.11	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0622	11.55	0.0165	11.49	0.4458	0.1485	64	0.14	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2196	11.58	0.0000	11.49	0.4458	0.1485	64	0.20	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0123	11.60	0.2000	11.49	0.4458	0.1485	64	0.25	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0722	11.60	0.3354	11.49	0.4458	0.1485	64	0.25	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0646	11.62	0.1500	11.49	0.4458	0.1485	64	0.28	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2174	11.64	0.5700	11.49	0.4458	0.1485	64	0.33	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0674	11.68	0.0000	11.49	0.4458	0.1485	64	0.43	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2006	11.68	0.1400	11.49	0.4458	0.1485	64	0.43	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0618	11.70	0.1700	11.49	0.4458	0.1485	64	0.46	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0066	11.70	0.1400	11.49	0.4458	0.1485	64	0.47	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0171	11.71	0.0400	11.49	0.4458	0.1485	64	0.50	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0108	11.72	0.3300	11.49	0.4458	0.1485	64	0.51	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0226	11.72	0.1900	11.49	0.4458	0.1485	64	0.51	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0004	11.79	0.0000	11.49	0.4458	0.1485	64	0.68	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0098	11.79	0.3600	11.49	0.4458	0.1485	64	0.68	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2302	11.81	0.0400	11.49	0.4458	0.1485	64	0.72	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2337	11.82	0.0000	11.49	0.4458	0.1485	64	0.74	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2184	11.83	0.0500	11.49	0.4458	0.1485	64	0.75	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0870	11.89	0.0655	11.49	0.4458	0.1485	64	0.90	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0047	11.90	0.2000	11.49	0.4458	0.1485	64	0.92	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0536	11.91	0.1400	11.49	0.4458	0.1485	64	0.94	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0242	11.93	0.0600	11.49	0.4458	0.1485	64	0.99	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0164	11.94	0.0700	11.49	0.4458	0.1485	64	1.00	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0843	11.98	0.1200	11.49	0.4458	0.1485	64	1.10	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0202	12.00	0.4000	11.49	0.4458	0.1485	64	1.15	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0144	12.07	0.0400	11.49	0.4458	0.1485	64	1.30	3%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0294	12.17	0.0100	11.49	0.4458	0.1485	64	1.52	3%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0541	12.19	0.4800	11.49	0.4458	0.1485	64	1.57	3%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0589	12.19	0.0600	11.49	0.4458	0.1485	64	1.57	3%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0407	12.54	0.1207	11.49	0.4458	0.1485	64	2.37	5%	0
011.02	Loss on Drying, HT, 130°C for 2 hours (%)	0942	11.46	0.0500				2			0
011.02	Loss on Drying, HT, 130°C for 2 hours (%)	0529	11.77	0.2700				2			0
011.99	Loss on Drying, HT, High Temp. Methods Misc	2174	11.28	0.1500				3			0
011.99	Loss on Drying, HT, High Temp. Methods Misc	2168	11.31	0.1100				3			0
011.99	Loss on Drying, HT, High Temp. Methods Misc	2303	11.43	0.0020				3			0
012.00	Starch, Polarimetric (Ewers) (%)	2009	35.99	0.1120	37.08	0.7061	0.1430	14	-1.55	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	2193	36.04	0.0700	37.08	0.7061	0.1430	14	-1.49	1%	0

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012.00	Starch, Polarimetric (Ewers) (%)	0689	36.50	0.2000	37.08	0.7061	0.1430	14	-0.83	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0848	36.51	0.2300	37.08	0.7061	0.1430	14	-0.82	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0354	36.63	0.0200	37.08	0.7061	0.1430	14	-0.64	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0910	37.10	0.4000	37.08	0.7061	0.1430	14	0.02	0%	0
012.00	Starch, Polarimetric (Ewers) (%)	2192	37.28	0.2000	37.08	0.7061	0.1430	14	0.28	0%	0
012.00	Starch, Polarimetric (Ewers) (%)	2188	37.39	0.0000	37.08	0.7061	0.1430	14	0.43	0%	0
012.00	Starch, Polarimetric (Ewers) (%)	0941	37.47	0.1100	37.08	0.7061	0.1430	14	0.54	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	2446	37.50	0.2180	37.08	0.7061	0.1430	14	0.59	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0619	37.55	0.1000	37.08	0.7061	0.1430	14	0.66	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0610	37.65	0.1000	37.08	0.7061	0.1430	14	0.80	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	2196	37.72	0.0000	37.08	0.7061	0.1430	14	0.90	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	2006	37.82	0.0800	37.08	0.7061	0.1430	14	1.04	1%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megaz	0676	33.40	1.100	35.49	1.934	0.9189	11	-1.08	3%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megaz	0407	33.87	0.9117	35.49	1.934	0.9189	11	-0.84	2%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megaz	0148	33.95	0.9500	35.49	1.934	0.9189	11	-0.80	2%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megaz	0366	34.40	1.600	35.49	1.934	0.9189	11	-0.57	2%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megaz	0870	34.99	0.2951	35.49	1.934	0.9189	11	-0.26	1%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megaz	0045	35.15	0.3000	35.49	1.934	0.9189	11	-0.18	0%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megaz	0956	35.45	1.700	35.49	1.934	0.9189	11	-0.02	0%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megaz	0693	35.91	0.1300	35.49	1.934	0.9189	11	0.21	1%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megaz	0918	36.54	0.3810	35.49	1.934	0.9189	11	0.54	1%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megaz	2089	39.40	1.380	35.49	1.934	0.9189	11	2.02	6%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megaz	2326	39.79	1.360	35.49	1.934	0.9189	11	2.22	6%	0
012.03	Starch, Enzymatic-Colorimetric Method, Miscell	0297	32.43	3.410				3			0
012.03	Starch, Enzymatic-Colorimetric Method, Miscell	0656	32.73	0.0000				3			0
012.03	Starch, Enzymatic-Colorimetric Method, Miscell	0407	33.37	1.240				3			0
012.04	Starch, Enzymatic-Enzyme Membrane Technol	0226	32.61	0.3100	34.77	2.033	0.8000	6	-1.07	3%	0
012.04	Starch, Enzymatic-Enzyme Membrane Technol	2129	33.29	0.0810	34.77	2.033	0.8000	6	-0.73	2%	0
012.04	Starch, Enzymatic-Enzyme Membrane Technol	0510	33.90	1.200	34.77	2.033	0.8000	6	-0.43	1%	0
012.04	Starch, Enzymatic-Enzyme Membrane Technol	0098	35.65	3.100	34.77	2.033	0.8000	6	0.43	1%	0
012.04	Starch, Enzymatic-Enzyme Membrane Technol	0278	35.85	0.7000	34.77	2.033	0.8000	6	0.53	2%	0
012.04	Starch, Enzymatic-Enzyme Membrane Technol	0948	37.32	0.5400	34.77	2.033	0.8000	6	1.25	4%	0
012.11	Starch, NIR (%)	0889	34.37	0.1800				3			0
012.11	Starch, NIR (%)	0297	39.23	0.8300				3			0
012.11	Starch, NIR (%)	0852	39.75	0.1000				3			0
012.20	Starch, Dietary, Enzymatic-Colorimetric (%)	0353	35.56	0.8500				1			0
012.99	Starch, Miscellaneous (%)	2319	37.25	0.1000				1			0
013.00	Fat, Pretreat, Acid hydrolysis (%)	0618	4.555	0.2500	5.345	0.3536	0.2073	19	-2.23	7%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	0083	4.690	0.1800	5.345	0.3536	0.2073	19	-1.85	6%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	0242	5.015	0.1100	5.345	0.3536	0.2073	19	-0.93	3%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	2076	5.023	0.0194	5.345	0.3536	0.2073	19	-0.91	3%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	0689	5.050	0.3000	5.345	0.3536	0.2073	19	-0.83	3%	0

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			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
013.00	Fat, Pretreat, Acid hydrolysis (%)	2345	5.155	0.1300	5.345	0.3536	0.2073	19	-0.54	2%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	0941	5.160	0.1600	5.345	0.3536	0.2073	19	-0.52	2%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	2446	5.297	0.1710	5.345	0.3536	0.2073	19	-0.14	0%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	2146	5.385	0.0100	5.345	0.3536	0.2073	19	0.11	0%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	0650	5.395	0.1300	5.345	0.3536	0.2073	19	0.14	0%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	2319	5.450	0.7000	5.345	0.3536	0.2073	19	0.30	1%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	0541	5.500	0.7400	5.345	0.3536	0.2073	19	0.44	1%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	0884	5.500	0.0000	5.345	0.3536	0.2073	19	0.44	1%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	0229	5.510	0.4600	5.345	0.3536	0.2073	19	0.47	2%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	0948	5.565	0.0700	5.345	0.3536	0.2073	19	0.62	2%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	0910	5.570	0.0200	5.345	0.3536	0.2073	19	0.64	2%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	0652	5.600	0.0000	5.345	0.3536	0.2073	19	0.72	2%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	2150	6.065	0.1300	5.345	0.3536	0.2073	19	2.04	7%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	0202	6.185	0.4100	5.345	0.3536	0.2073	19	2.38	8%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	0297	5.675	1.210	5.345	0.3536	0.2073	19	0.93	3%	1
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolys	0914	4.720	0.3800	5.794	0.5119	0.1533	13	-2.10	9%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolys	0038	5.220	0.0800	5.794	0.5119	0.1533	13	-1.12	5%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolys	0853	5.550	0.1000	5.794	0.5119	0.1533	13	-0.48	2%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolys	0098	5.575	0.1500	5.794	0.5119	0.1533	13	-0.43	2%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolys	0676	5.600	0.2400	5.794	0.5119	0.1533	13	-0.38	2%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolys	0870	5.688	0.0143	5.794	0.5119	0.1533	13	-0.21	1%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolys	0100	5.745	0.4700	5.794	0.5119	0.1533	13	-0.09	0%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolys	0164	5.755	0.0300	5.794	0.5119	0.1533	13	-0.08	0%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolys	0148	5.855	0.1100	5.794	0.5119	0.1533	13	0.12	1%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolys	2259	5.982	0.1010	5.794	0.5119	0.1533	13	0.37	2%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolys	0682	6.220	0.0000	5.794	0.5119	0.1533	13	0.83	4%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolys	0643	6.540	0.0800	5.794	0.5119	0.1533	13	1.46	6%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolys	0407	6.940	0.2400	5.794	0.5119	0.1533	13	2.24	10%	0
013.08	Fat, Pretreat, Roese-Gottlieb Modified, Alkaline	0618	4.960	0.4400				1			0
013.10	Fat, Pretreat, Soxtec-Acid Hydrolysis (%)	0036	4.392	0.0579	5.269	0.6316	0.0334	6	-1.39	8%	0
013.10	Fat, Pretreat, Soxtec-Acid Hydrolysis (%)	2188	4.810	0.0000	5.269	0.6316	0.0334	6	-0.73	4%	0
013.10	Fat, Pretreat, Soxtec-Acid Hydrolysis (%)	0610	5.360	0.0400	5.269	0.6316	0.0334	6	0.14	1%	0
013.10	Fat, Pretreat, Soxtec-Acid Hydrolysis (%)	2196	5.540	0.0000	5.269	0.6316	0.0334	6	0.43	3%	0
013.10	Fat, Pretreat, Soxtec-Acid Hydrolysis (%)	2443	5.666	0.0056	5.269	0.6316	0.0334	6	0.63	4%	0
013.10	Fat, Pretreat, Soxtec-Acid Hydrolysis (%)	2442	5.845	0.0300	5.269	0.6316	0.0334	6	0.91	5%	0
013.10	Fat, Pretreat, Soxtec-Acid Hydrolysis (%)	0353	5.380	0.9800	5.269	0.6316	0.0334	6	0.18	1%	1
013.13	Fat, Pretreat, Ankom- Acid Hydrolysis (%)	2129	4.695	0.1460	5.489	0.6311	0.2581	9	-1.26	7%	0
013.13	Fat, Pretreat, Ankom- Acid Hydrolysis (%)	0675	4.710	0.1200	5.489	0.6311	0.2581	9	-1.23	7%	0
013.13	Fat, Pretreat, Ankom- Acid Hydrolysis (%)	0939	5.290	0.5600	5.489	0.6311	0.2581	9	-0.32	2%	0
013.13	Fat, Pretreat, Ankom- Acid Hydrolysis (%)	0354	5.415	0.0100	5.489	0.6311	0.2581	9	-0.12	1%	0
013.13	Fat, Pretreat, Ankom- Acid Hydrolysis (%)	0968	5.430	0.2400	5.489	0.6311	0.2581	9	-0.09	1%	0
013.13	Fat, Pretreat, Ankom- Acid Hydrolysis (%)	0074	5.735	0.3100	5.489	0.6311	0.2581	9	0.39	2%	0

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013.13	Fat, Pretreat, Ankom- Acid Hydrolysis (%)	0581	5.805	0.1900	5.489	0.6311	0.2581	9	0.50	3%	0
013.13	Fat, Pretreat, Ankom- Acid Hydrolysis (%)	0407	5.906	0.1488	5.489	0.6311	0.2581	9	0.66	4%	0
013.13	Fat, Pretreat, Ankom- Acid Hydrolysis (%)	0843	6.415	0.8700	5.489	0.6311	0.2581	9	1.47	8%	0
015.41	Aluminum, ICP, Dry ash (ppm)	0049	26.90	2.850				3			0
015.41	Aluminum, ICP, Dry ash (ppm)	0164	39.50	1.000				3			0
015.41	Aluminum, ICP, Dry ash (ppm)	0407	40.86	0.2568				3			0
015.42	Aluminum, ICP, Open vessel (ppm)	0692	15.00	2.000				3			0
015.42	Aluminum, ICP, Open vessel (ppm)	0037	15.85	0.9000				3			0
015.42	Aluminum, ICP, Open vessel (ppm)	2129	23.27	2.340				3			0
015.43	Aluminum, ICP, Microwave (ppm)	0510	26.00	0.0000	37.96	8.120	1.142	6	-1.47	16%	0
015.43	Aluminum, ICP, Microwave (ppm)	0297	33.50	1.000	37.96	8.120	1.142	6	-0.55	6%	0
015.43	Aluminum, ICP, Microwave (ppm)	0032	39.67	3.280	37.96	8.120	1.142	6	0.21	2%	0
015.43	Aluminum, ICP, Microwave (ppm)	0345	39.70	0.2000	37.96	8.120	1.142	6	0.21	2%	0
015.43	Aluminum, ICP, Microwave (ppm)	0407	43.06	0.6297	37.96	8.120	1.142	6	0.63	7%	0
015.43	Aluminum, ICP, Microwave (ppm)	0169	45.80	0.6000	37.96	8.120	1.142	6	0.97	10%	0
015.43	Aluminum, ICP, Microwave (ppm)	0353	45.00	22.00	37.96	8.120	1.142	6	0.87	9%	1
015.53	Aluminum, ICP-MS, Microwave (ppm)	0407	42.06	0.0612				1			0
015.99	Aluminum, Miscellaneous (ppm)	0123	20.20	0.2000				1			0
017.41	Boron, ICP, Dry ash (ppm)	0407	4.294	0.0555	5.331	0.8975	0.1431	5			0
017.41	Boron, ICP, Dry ash (ppm)	0358	4.515	0.0500	5.331	0.8975	0.1431	5			0
017.41	Boron, ICP, Dry ash (ppm)	0229	5.540	0.1000	5.331	0.8975	0.1431	5			0
017.41	Boron, ICP, Dry ash (ppm)	0049	5.945	0.3100	5.331	0.8975	0.1431	5			0
017.41	Boron, ICP, Dry ash (ppm)	0226	6.360	0.2000	5.331	0.8975	0.1431	5			0
017.42	Boron, ICP, Open vessel (ppm)	0037	4.650	0.7000	4.817	0.1397	0.4144	5			0
017.42	Boron, ICP, Open vessel (ppm)	0693	4.745	0.2300	4.817	0.1397	0.4144	5			0
017.42	Boron, ICP, Open vessel (ppm)	0045	4.795	0.4100	4.817	0.1397	0.4144	5			0
017.42	Boron, ICP, Open vessel (ppm)	2129	4.874	0.4520	4.817	0.1397	0.4144	5			0
017.42	Boron, ICP, Open vessel (ppm)	0294	5.020	0.2800	4.817	0.1397	0.4144	5			0
017.43	Boron, ICP, Microwave (ppm)	0510	4.000	0.0000	5.535	1.272	1.123	7	-1.21	14%	0
017.43	Boron, ICP, Microwave (ppm)	0345	4.740	0.0800	5.535	1.272	1.123	7	-0.63	7%	0
017.43	Boron, ICP, Microwave (ppm)	0407	5.078	1.733	5.535	1.272	1.123	7	-0.36	4%	0
017.43	Boron, ICP, Microwave (ppm)	0918	5.290	0.3000	5.535	1.272	1.123	7	-0.19	2%	0
017.43	Boron, ICP, Microwave (ppm)	0353	6.000	0.0000	5.535	1.272	1.123	7	0.37	4%	0
017.43	Boron, ICP, Microwave (ppm)	0083	6.195	0.4100	5.535	1.272	1.123	7	0.52	6%	0
017.43	Boron, ICP, Microwave (ppm)	0032	9.955	3.090	5.535	1.272	1.123	7	3.47	40%	0
017.43	Boron, ICP, Microwave (ppm)	0297	0.0000	0.0000	5.535	1.272	1.123	7			4
017.53	Boron, ICP-MS, Microwave (ppm)	0407	4.521	0.0970				1			0
019.00	Calcium, Ox-Mn04 Vol. (%)	2006	0.7995	0.0190	0.9283	0.0915	0.0173	10	-1.41	7%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2146	0.8300	0.0200	0.9283	0.0915	0.0173	10	-1.07	5%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2144	0.8600	0.0200	0.9283	0.0915	0.0173	10	-0.75	4%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2450	0.9000	0.0200	0.9283	0.0915	0.0173	10	-0.31	2%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2446	0.9315	0.0030	0.9283	0.0915	0.0173	10	0.04	0%	0



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019.00	Calcium, Ox-Mn04 Vol. (%)	2109	0.9440	0.0260	0.9283	0.0915	0.0173	10	0.17	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2190	0.9679	0.0003	0.9283	0.0915	0.0173	10	0.43	2%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2302	0.9850	0.0100	0.9283	0.0915	0.0173	10	0.62	3%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2181	1.025	0.0500	0.9283	0.0915	0.0173	10	1.06	5%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2022	1.040	0.0200	0.9283	0.0915	0.0173	10	1.22	6%	0
019.02	Calcium, Hach Method (%)	0536	0.8100	0.0000				1			0
019.08	Calcium, EDTA (%)	2397	0.7800	0.0200	0.9712	0.0521	0.0228	11	-3.67	10%	0
019.08	Calcium, EDTA (%)	0629	0.9200	0.0000	0.9712	0.0521	0.0228	11	-0.98	3%	0
019.08	Calcium, EDTA (%)	0590	0.9350	0.0300	0.9712	0.0521	0.0228	11	-0.69	2%	0
019.08	Calcium, EDTA (%)	0885	0.9523	0.0143	0.9712	0.0521	0.0228	11	-0.36	1%	0
019.08	Calcium, EDTA (%)	2337	0.9550	0.0100	0.9712	0.0521	0.0228	11	-0.31	1%	0
019.08	Calcium, EDTA (%)	2009	0.9693	0.0009	0.9712	0.0521	0.0228	11	-0.04	0%	0
019.08	Calcium, EDTA (%)	2196	0.9890	0.0000	0.9712	0.0521	0.0228	11	0.34	1%	0
019.08	Calcium, EDTA (%)	2188	1.000	0.0000	0.9712	0.0521	0.0228	11	0.55	1%	0
019.08	Calcium, EDTA (%)	2193	1.001	0.0330	0.9712	0.0521	0.0228	11	0.56	2%	0
019.08	Calcium, EDTA (%)	0689	1.020	0.0600	0.9712	0.0521	0.0228	11	0.94	3%	0
019.08	Calcium, EDTA (%)	2434	1.070	0.0000	0.9712	0.0521	0.0228	11	1.89	5%	0
019.09	Calcium, Ion-selective electrode (%)	2006	0.8065	0.0710				1			0
019.31	Calcium, AAS, Dry ash (%)	2453	0.7585	0.0090	0.9457	0.0596	0.0139	18	-3.14	10%	0
019.31	Calcium, AAS, Dry ash (%)	0018	0.8285	0.0130	0.9457	0.0596	0.0139	18	-1.97	6%	0
019.31	Calcium, AAS, Dry ash (%)	2246	0.8750	0.0100	0.9457	0.0596	0.0139	18	-1.19	4%	0
019.31	Calcium, AAS, Dry ash (%)	0038	0.9005	0.0150	0.9457	0.0596	0.0139	18	-0.76	2%	0
019.31	Calcium, AAS, Dry ash (%)	0939	0.9100	0.0200	0.9457	0.0596	0.0139	18	-0.60	2%	0
019.31	Calcium, AAS, Dry ash (%)	0722	0.9196	0.0161	0.9457	0.0596	0.0139	18	-0.44	1%	0
019.31	Calcium, AAS, Dry ash (%)	0536	0.9250	0.0100	0.9457	0.0596	0.0139	18	-0.35	1%	0
019.31	Calcium, AAS, Dry ash (%)	0001	0.9316	0.0397	0.9457	0.0596	0.0139	18	-0.24	1%	0
019.31	Calcium, AAS, Dry ash (%)	0656	0.9400	0.0000	0.9457	0.0596	0.0139	18	-0.10	0%	0
019.31	Calcium, AAS, Dry ash (%)	2196	0.9600	0.0000	0.9457	0.0596	0.0139	18	0.24	1%	0
019.31	Calcium, AAS, Dry ash (%)	0687	0.9650	0.0500	0.9457	0.0596	0.0139	18	0.32	1%	0
019.31	Calcium, AAS, Dry ash (%)	0596	0.9850	0.0100	0.9457	0.0596	0.0139	18	0.66	2%	0
019.31	Calcium, AAS, Dry ash (%)	0948	0.9850	0.0100	0.9457	0.0596	0.0139	18	0.66	2%	0
019.31	Calcium, AAS, Dry ash (%)	0884	0.9900	0.0200	0.9457	0.0596	0.0139	18	0.74	2%	0
019.31	Calcium, AAS, Dry ash (%)	0622	0.9903	0.0038	0.9457	0.0596	0.0139	18	0.75	2%	0
019.31	Calcium, AAS, Dry ash (%)	0529	0.9950	0.0100	0.9457	0.0596	0.0139	18	0.83	3%	0
019.31	Calcium, AAS, Dry ash (%)	0651	1.003	0.0052	0.9457	0.0596	0.0139	18	0.96	3%	0
019.31	Calcium, AAS, Dry ash (%)	0646	1.170	0.0200	0.9457	0.0596	0.0139	18	3.76	12%	0
019.31	Calcium, AAS, Dry ash (%)	0108	1.020	0.1600	0.9457	0.0596	0.0139	18	1.25	4%	1
019.32	Calcium, AAS, Open vessel (%)	0169	0.9350	0.0100				1			0
019.41	Calcium, ICP, Dry ash (%)	0407	0.8978	0.0054	0.9574	0.0416	0.0196	19	-1.43	3%	0
019.41	Calcium, ICP, Dry ash (%)	0066	0.9060	0.0320	0.9574	0.0416	0.0196	19	-1.23	3%	0
019.41	Calcium, ICP, Dry ash (%)	0004	0.9100	0.0200	0.9574	0.0416	0.0196	19	-1.14	2%	0
019.41	Calcium, ICP, Dry ash (%)	0098	0.9250	0.0300	0.9574	0.0416	0.0196	19	-0.78	2%	0

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			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
019.41	Calcium, ICP, Dry ash (%)	0019	0.9300	0.0400	0.9574	0.0416	0.0196	19	-0.66	1%	0
019.41	Calcium, ICP, Dry ash (%)	0358	0.9350	0.0300	0.9574	0.0416	0.0196	19	-0.54	1%	0
019.41	Calcium, ICP, Dry ash (%)	2114	0.9378	0.0092	0.9574	0.0416	0.0196	19	-0.47	1%	0
019.41	Calcium, ICP, Dry ash (%)	0049	0.9400	0.0200	0.9574	0.0416	0.0196	19	-0.42	1%	0
019.41	Calcium, ICP, Dry ash (%)	2259	0.9445	0.0030	0.9574	0.0416	0.0196	19	-0.31	1%	0
019.41	Calcium, ICP, Dry ash (%)	0354	0.9515	0.0010	0.9574	0.0416	0.0196	19	-0.14	0%	0
019.41	Calcium, ICP, Dry ash (%)	0171	0.9700	0.0200	0.9574	0.0416	0.0196	19	0.30	1%	0
019.41	Calcium, ICP, Dry ash (%)	0148	0.9735	0.0150	0.9574	0.0416	0.0196	19	0.39	1%	0
019.41	Calcium, ICP, Dry ash (%)	0144	0.9750	0.0300	0.9574	0.0416	0.0196	19	0.42	1%	0
019.41	Calcium, ICP, Dry ash (%)	0674	0.9800	0.0000	0.9574	0.0416	0.0196	19	0.54	1%	0
019.41	Calcium, ICP, Dry ash (%)	0598	0.9852	0.0061	0.9574	0.0416	0.0196	19	0.67	1%	0
019.41	Calcium, ICP, Dry ash (%)	0226	0.9950	0.0300	0.9574	0.0416	0.0196	19	0.90	2%	0
019.41	Calcium, ICP, Dry ash (%)	0229	0.9950	0.0100	0.9574	0.0416	0.0196	19	0.90	2%	0
019.41	Calcium, ICP, Dry ash (%)	0619	1.055	0.0100	0.9574	0.0416	0.0196	19	2.34	5%	0
019.41	Calcium, ICP, Dry ash (%)	0848	1.190	0.0800	0.9574	0.0416	0.0196	19	5.58	12%	0
019.42	Calcium, ICP, Open vessel (%)	0504	0.8590	0.1180	0.9688	0.0750	0.0340	18	-1.46	6%	0
019.42	Calcium, ICP, Open vessel (%)	2319	0.8665	0.0570	0.9688	0.0750	0.0340	18	-1.36	5%	0
019.42	Calcium, ICP, Open vessel (%)	2129	0.8992	0.0140	0.9688	0.0750	0.0340	18	-0.93	4%	0
019.42	Calcium, ICP, Open vessel (%)	0263	0.9245	0.0090	0.9688	0.0750	0.0340	18	-0.59	2%	0
019.42	Calcium, ICP, Open vessel (%)	0186	0.9267	0.0042	0.9688	0.0750	0.0340	18	-0.56	2%	0
019.42	Calcium, ICP, Open vessel (%)	0294	0.9400	0.0000	0.9688	0.0750	0.0340	18	-0.38	1%	0
019.42	Calcium, ICP, Open vessel (%)	0357	0.9405	0.0006	0.9688	0.0750	0.0340	18	-0.38	1%	0
019.42	Calcium, ICP, Open vessel (%)	0045	0.9445	0.0290	0.9688	0.0750	0.0340	18	-0.32	1%	0
019.42	Calcium, ICP, Open vessel (%)	0037	0.9480	0.0020	0.9688	0.0750	0.0340	18	-0.28	1%	0
019.42	Calcium, ICP, Open vessel (%)	0870	0.9562	0.0214	0.9688	0.0750	0.0340	18	-0.17	1%	0
019.42	Calcium, ICP, Open vessel (%)	0693	0.9750	0.0300	0.9688	0.0750	0.0340	18	0.08	0%	0
019.42	Calcium, ICP, Open vessel (%)	0278	0.9950	0.0500	0.9688	0.0750	0.0340	18	0.35	1%	0
019.42	Calcium, ICP, Open vessel (%)	0366	0.9950	0.1500	0.9688	0.0750	0.0340	18	0.35	1%	0
019.42	Calcium, ICP, Open vessel (%)	0692	1.015	0.1300	0.9688	0.0750	0.0340	18	0.62	2%	0
019.42	Calcium, ICP, Open vessel (%)	0042	1.040	0.0200	0.9688	0.0750	0.0340	18	0.95	4%	0
019.42	Calcium, ICP, Open vessel (%)	2375	1.050	0.0400	0.9688	0.0750	0.0340	18	1.08	4%	0
019.42	Calcium, ICP, Open vessel (%)	0190	1.115	0.0100	0.9688	0.0750	0.0340	18	1.95	8%	0
019.42	Calcium, ICP, Open vessel (%)	0726	1.130	0.0000	0.9688	0.0750	0.0340	18	2.15	8%	0
019.42	Calcium, ICP, Open vessel (%)	0026	0.7020	0.2280	0.9688	0.0750	0.0340	18	-3.55	14%	1
019.43	Calcium, ICP, Microwave (%)	0089	0.8600	0.0000	0.9553	0.0479	0.0289	30	-1.99	5%	0
019.43	Calcium, ICP, Microwave (%)	0300	0.8671	0.0504	0.9553	0.0479	0.0289	30	-1.84	5%	0
019.43	Calcium, ICP, Microwave (%)	0083	0.8900	0.0200	0.9553	0.0479	0.0289	30	-1.36	3%	0
019.43	Calcium, ICP, Microwave (%)	0226	0.8950	0.0100	0.9553	0.0479	0.0289	30	-1.26	3%	0
019.43	Calcium, ICP, Microwave (%)	0918	0.9145	0.0410	0.9553	0.0479	0.0289	30	-0.85	2%	0
019.43	Calcium, ICP, Microwave (%)	0297	0.9150	0.0500	0.9553	0.0479	0.0289	30	-0.84	2%	0
019.43	Calcium, ICP, Microwave (%)	0629	0.9200	0.0000	0.9553	0.0479	0.0289	30	-0.74	2%	0
019.43	Calcium, ICP, Microwave (%)	0027	0.9275	0.0099	0.9553	0.0479	0.0289	30	-0.58	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
019.43	Calcium, ICP, Microwave (%)	0036	0.9319	0.0101	0.9553	0.0479	0.0289	30	-0.49	1%	0
019.43	Calcium, ICP, Microwave (%)	2322	0.9353	0.0259	0.9553	0.0479	0.0289	30	-0.42	1%	0
019.43	Calcium, ICP, Microwave (%)	0511	0.9400	0.0400	0.9553	0.0479	0.0289	30	-0.32	1%	0
019.43	Calcium, ICP, Microwave (%)	0682	0.9400	0.0000	0.9553	0.0479	0.0289	30	-0.32	1%	0
019.43	Calcium, ICP, Microwave (%)	0968	0.9405	0.0130	0.9553	0.0479	0.0289	30	-0.31	1%	0
019.43	Calcium, ICP, Microwave (%)	0010	0.9500	0.0200	0.9553	0.0479	0.0289	30	-0.11	0%	0
019.43	Calcium, ICP, Microwave (%)	0610	0.9500	0.0200	0.9553	0.0479	0.0289	30	-0.11	0%	0
019.43	Calcium, ICP, Microwave (%)	2089	0.9500	0.0600	0.9553	0.0479	0.0289	30	-0.11	0%	0
019.43	Calcium, ICP, Microwave (%)	0675	0.9550	0.0100	0.9553	0.0479	0.0289	30	-0.01	0%	0
019.43	Calcium, ICP, Microwave (%)	0032	0.9646	0.0396	0.9553	0.0479	0.0289	30	0.20	0%	0
019.43	Calcium, ICP, Microwave (%)	0098	0.9700	0.0200	0.9553	0.0479	0.0289	30	0.31	1%	0
019.43	Calcium, ICP, Microwave (%)	0505	0.9750	0.0100	0.9553	0.0479	0.0289	30	0.41	1%	0
019.43	Calcium, ICP, Microwave (%)	0202	0.9750	0.1100	0.9553	0.0479	0.0289	30	0.41	1%	0
019.43	Calcium, ICP, Microwave (%)	0035	0.9850	0.0100	0.9553	0.0479	0.0289	30	0.62	2%	0
019.43	Calcium, ICP, Microwave (%)	0038	0.9900	0.0600	0.9553	0.0479	0.0289	30	0.73	2%	0
019.43	Calcium, ICP, Microwave (%)	0964	0.9910	0.0523	0.9553	0.0479	0.0289	30	0.75	2%	0
019.43	Calcium, ICP, Microwave (%)	0407	0.9929	0.0216	0.9553	0.0479	0.0289	30	0.79	2%	0
019.43	Calcium, ICP, Microwave (%)	0870	1.002	0.0308	0.9553	0.0479	0.0289	30	0.97	2%	0
019.43	Calcium, ICP, Microwave (%)	0353	1.010	0.0200	0.9553	0.0479	0.0289	30	1.14	3%	0
019.43	Calcium, ICP, Microwave (%)	0510	1.045	0.0100	0.9553	0.0479	0.0289	30	1.87	5%	0
019.43	Calcium, ICP, Microwave (%)	2326	1.050	0.1000	0.9553	0.0479	0.0289	30	1.98	5%	0
019.43	Calcium, ICP, Microwave (%)	0345	1.067	0.0020	0.9553	0.0479	0.0289	30	2.33	6%	0
019.43	Calcium, ICP, Microwave (%)	2192	0.9700	0.1400	0.9553	0.0479	0.0289	30	0.31	1%	1
019.44	Calcium, ICP, Dry ash (%)	2445	0.8950	0.0100				2			0
019.44	Calcium, ICP, Dry ash (%)	0164	0.9485	0.0230				2			0
019.51	Calcium, ICP-MS, Dry ash (%)	2146	0.8700	0.0400				1			0
019.52	Calcium, ICP-MS, Open vessel (%)	0047	0.9020	0.0080				3			0
019.52	Calcium, ICP-MS, Open vessel (%)	0186	0.9092	0.0007				3			0
019.52	Calcium, ICP-MS, Open vessel (%)	0154	0.9503	0.0263				3			0
019.53	Calcium, ICP-MS, Microwave (%)	0941	0.8600	0.0000	0.9086	0.0631	0.0398	4			0
019.53	Calcium, ICP-MS, Microwave (%)	0199	0.8610	0.0400	0.9086	0.0631	0.0398	4			0
019.53	Calcium, ICP-MS, Microwave (%)	0939	0.9200	0.0400	0.9086	0.0631	0.0398	4			0
019.53	Calcium, ICP-MS, Microwave (%)	0407	0.9933	0.0394	0.9086	0.0631	0.0398	4			0
019.99	Calcium, Miscellaneous (%)	0242	0.7950	0.0100	0.8954	0.0584	0.0100	7	-1.72	6%	0
019.99	Calcium, Miscellaneous (%)	2144	0.8550	0.0300	0.8954	0.0584	0.0100	7	-0.69	2%	0
019.99	Calcium, Miscellaneous (%)	0590	0.8850	0.0100	0.8954	0.0584	0.0100	7	-0.18	1%	0
019.99	Calcium, Miscellaneous (%)	0676	0.9150	0.0100	0.8954	0.0584	0.0100	7	0.34	1%	0
019.99	Calcium, Miscellaneous (%)	2302	0.9150	0.0300	0.8954	0.0584	0.0100	7	0.34	1%	0
019.99	Calcium, Miscellaneous (%)	0123	0.9250	0.0100	0.8954	0.0584	0.0100	7	0.51	2%	0
019.99	Calcium, Miscellaneous (%)	0100	0.9650	0.0100	0.8954	0.0584	0.0100	7	1.19	4%	0
021.41	Cobalt, ICP, Dry ash (ppm)	0619	0.1940	0.0200	0.4973	0.3675	0.0312	4			0
021.41	Cobalt, ICP, Dry ash (ppm)	0148	0.3105	0.0370	0.4973	0.3675	0.0312	4			0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs			
021.41	Cobalt, ICP, Dry ash (ppm)	0407	0.4613	0.0467	0.4973	0.3675	0.0312	4			0
021.41	Cobalt, ICP, Dry ash (ppm)	0066	1.024	0.0210	0.4973	0.3675	0.0312	4			0
021.41	Cobalt, ICP, Dry ash (ppm)	0164	< 0.5		0.4973	0.3675	0.0312	4			5
021.42	Cobalt, ICP, Open vessel (ppm)	0045	0.2950	0.1900				1			0
021.42	Cobalt, ICP, Open vessel (ppm)	0366	< 0.5					1			5
021.43	Cobalt, ICP, Microwave (ppm)	2326	0.2550	0.0100	0.4218	0.1349	0.0324	6	-1.24	20%	0
021.43	Cobalt, ICP, Microwave (ppm)	0629	0.3150	0.0100	0.4218	0.1349	0.0324	6	-0.79	13%	0
021.43	Cobalt, ICP, Microwave (ppm)	0510	0.4050	0.0500	0.4218	0.1349	0.0324	6	-0.12	2%	0
021.43	Cobalt, ICP, Microwave (ppm)	0032	0.4760	0.0160	0.4218	0.1349	0.0324	6	0.40	6%	0
021.43	Cobalt, ICP, Microwave (ppm)	0407	0.5247	0.0785	0.4218	0.1349	0.0324	6	0.76	12%	0
021.43	Cobalt, ICP, Microwave (ppm)	0169	0.5550	0.0300	0.4218	0.1349	0.0324	6	0.99	16%	0
021.43	Cobalt, ICP, Microwave (ppm)	0297	0.0000	0.0000	0.4218	0.1349	0.0324	6			4
021.43	Cobalt, ICP, Microwave (ppm)	0682	< 1		0.4218	0.1349	0.0324	6			5
021.52	Cobalt, ICP-MS, Open vessel (ppm)	0910	0.1450	0.0100				3			0
021.52	Cobalt, ICP-MS, Open vessel (ppm)	0186	0.1735	0.0018				3			0
021.52	Cobalt, ICP-MS, Open vessel (ppm)	0047	0.2245	0.0290				3			0
021.53	Cobalt, ICP-MS, Microwave (ppm)	0199	0.1560	0.0060				3			0
021.53	Cobalt, ICP-MS, Microwave (ppm)	0407	0.3533	0.0343				3			0
021.53	Cobalt, ICP-MS, Microwave (ppm)	0610	0.3550	0.0900				3			0
022.31	Copper, AAS, Dry ash (ppm)	0622	31.12	1.327	84.86	7.384	1.341	12	-7.28	32%	0
022.31	Copper, AAS, Dry ash (ppm)	0536	76.35	1.200	84.86	7.384	1.341	12	-1.15	5%	0
022.31	Copper, AAS, Dry ash (ppm)	0651	81.25	2.927	84.86	7.384	1.341	12	-0.49	2%	0
022.31	Copper, AAS, Dry ash (ppm)	0529	81.35	0.3000	84.86	7.384	1.341	12	-0.48	2%	0
022.31	Copper, AAS, Dry ash (ppm)	0722	81.86	0.0490	84.86	7.384	1.341	12	-0.41	2%	0
022.31	Copper, AAS, Dry ash (ppm)	0629	82.15	0.3000	84.86	7.384	1.341	12	-0.37	2%	0
022.31	Copper, AAS, Dry ash (ppm)	0001	87.46	0.5800	84.86	7.384	1.341	12	0.35	2%	0
022.31	Copper, AAS, Dry ash (ppm)	2188	87.49	0.0000	84.86	7.384	1.341	12	0.36	2%	0
022.31	Copper, AAS, Dry ash (ppm)	2196	88.39	0.0000	84.86	7.384	1.341	12	0.48	2%	0
022.31	Copper, AAS, Dry ash (ppm)	0689	90.35	6.100	84.86	7.384	1.341	12	0.74	3%	0
022.31	Copper, AAS, Dry ash (ppm)	0939	92.00	2.000	84.86	7.384	1.341	12	0.97	4%	0
022.31	Copper, AAS, Dry ash (ppm)	0656	96.20	0.0000	84.86	7.384	1.341	12	1.54	7%	0
022.31	Copper, AAS, Dry ash (ppm)	0884	101.1	19.90	84.86	7.384	1.341	12	2.19	10%	1
022.32	Copper, AAS, Open vessel (ppm)	0038	90.85	2.700				1			0
022.33	Copper, AAS, Microwave (ppm)	0948	88.73	0.2000				2			0
022.33	Copper, AAS, Microwave (ppm)	0010	99.20	16.00				2			0
022.41	Copper, ICP, Dry ash (ppm)	0004	78.49	1.410	86.95	6.522	3.240	16	-1.30	5%	0
022.41	Copper, ICP, Dry ash (ppm)	0848	78.59	0.9060	86.95	6.522	3.240	16	-1.28	5%	0
022.41	Copper, ICP, Dry ash (ppm)	0598	79.96	0.0581	86.95	6.522	3.240	16	-1.07	4%	0
022.41	Copper, ICP, Dry ash (ppm)	0049	80.93	3.980	86.95	6.522	3.240	16	-0.92	3%	0
022.41	Copper, ICP, Dry ash (ppm)	0019	82.64	7.460	86.95	6.522	3.240	16	-0.66	2%	0
022.41	Copper, ICP, Dry ash (ppm)	0358	85.05	0.8600	86.95	6.522	3.240	16	-0.29	1%	0
022.41	Copper, ICP, Dry ash (ppm)	0229	85.24	1.210	86.95	6.522	3.240	16	-0.26	1%	0

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			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
022.41	Copper, ICP, Dry ash (ppm)	0171	87.26	1.350	86.95	6.522	3.240	16	0.05	0%	0
022.41	Copper, ICP, Dry ash (ppm)	0226	87.89	2.340	86.95	6.522	3.240	16	0.14	1%	0
022.41	Copper, ICP, Dry ash (ppm)	0098	88.87	5.800	86.95	6.522	3.240	16	0.29	1%	0
022.41	Copper, ICP, Dry ash (ppm)	0674	89.67	0.0000	86.95	6.522	3.240	16	0.42	2%	0
022.41	Copper, ICP, Dry ash (ppm)	0354	90.67	1.490	86.95	6.522	3.240	16	0.57	2%	0
022.41	Copper, ICP, Dry ash (ppm)	0407	91.38	0.5622	86.95	6.522	3.240	16	0.68	3%	0
022.41	Copper, ICP, Dry ash (ppm)	2114	92.06	4.729	86.95	6.522	3.240	16	0.78	3%	0
022.41	Copper, ICP, Dry ash (ppm)	0148	95.73	15.01	86.95	6.522	3.240	16	1.35	5%	0
022.41	Copper, ICP, Dry ash (ppm)	0619	97.30	9.400	86.95	6.522	3.240	16	1.59	6%	0
022.42	Copper, ICP, Open vessel (ppm)	0026	72.35	22.73	94.77	9.737	5.516	19	-2.30	12%	0
022.42	Copper, ICP, Open vessel (ppm)	0263	81.55	2.130	94.77	9.737	5.516	19	-1.36	7%	0
022.42	Copper, ICP, Open vessel (ppm)	0278	83.35	0.1000	94.77	9.737	5.516	19	-1.17	6%	0
022.42	Copper, ICP, Open vessel (ppm)	2319	86.75	0.7000	94.77	9.737	5.516	19	-0.82	4%	0
022.42	Copper, ICP, Open vessel (ppm)	0692	90.50	1.000	94.77	9.737	5.516	19	-0.44	2%	0
022.42	Copper, ICP, Open vessel (ppm)	0504	90.60	18.00	94.77	9.737	5.516	19	-0.43	2%	0
022.42	Copper, ICP, Open vessel (ppm)	0870	91.15	4.110	94.77	9.737	5.516	19	-0.37	2%	0
022.42	Copper, ICP, Open vessel (ppm)	0186	91.19	2.470	94.77	9.737	5.516	19	-0.37	2%	0
022.42	Copper, ICP, Open vessel (ppm)	0045	93.00	12.80	94.77	9.737	5.516	19	-0.18	1%	0
022.42	Copper, ICP, Open vessel (ppm)	0042	95.90	0.6000	94.77	9.737	5.516	19	0.12	1%	0
022.42	Copper, ICP, Open vessel (ppm)	0357	96.16	0.5470	94.77	9.737	5.516	19	0.14	1%	0
022.42	Copper, ICP, Open vessel (ppm)	0726	97.04	0.0000	94.77	9.737	5.516	19	0.23	1%	0
022.42	Copper, ICP, Open vessel (ppm)	0693	97.63	5.060	94.77	9.737	5.516	19	0.29	2%	0
022.42	Copper, ICP, Open vessel (ppm)	0037	98.10	6.000	94.77	9.737	5.516	19	0.34	2%	0
022.42	Copper, ICP, Open vessel (ppm)	0190	99.47	1.750	94.77	9.737	5.516	19	0.48	2%	0
022.42	Copper, ICP, Open vessel (ppm)	2129	102.6	5.640	94.77	9.737	5.516	19	0.80	4%	0
022.42	Copper, ICP, Open vessel (ppm)	0294	107.1	8.650	94.77	9.737	5.516	19	1.27	7%	0
022.42	Copper, ICP, Open vessel (ppm)	2375	109.0	8.000	94.77	9.737	5.516	19	1.46	8%	0
022.42	Copper, ICP, Open vessel (ppm)	0366	110.0	12.00	94.77	9.737	5.516	19	1.56	8%	0
022.43	Copper, ICP, Microwave (ppm)	0083	87.02	1.510	93.55	5.261	3.626	29	-1.24	3%	0
022.43	Copper, ICP, Microwave (ppm)	0032	87.49	3.300	93.55	5.261	3.626	29	-1.15	3%	0
022.43	Copper, ICP, Microwave (ppm)	2322	87.95	1.520	93.55	5.261	3.626	29	-1.06	3%	0
022.43	Copper, ICP, Microwave (ppm)	0964	87.98	8.650	93.55	5.261	3.626	29	-1.06	3%	0
022.43	Copper, ICP, Microwave (ppm)	0202	88.90	8.000	93.55	5.261	3.626	29	-0.88	2%	0
022.43	Copper, ICP, Microwave (ppm)	0511	89.00	2.000	93.55	5.261	3.626	29	-0.86	2%	0
022.43	Copper, ICP, Microwave (ppm)	0226	89.47	2.660	93.55	5.261	3.626	29	-0.77	2%	0
022.43	Copper, ICP, Microwave (ppm)	0297	89.50	5.000	93.55	5.261	3.626	29	-0.77	2%	0
022.43	Copper, ICP, Microwave (ppm)	0629	89.70	2.200	93.55	5.261	3.626	29	-0.73	2%	0
022.43	Copper, ICP, Microwave (ppm)	0968	89.74	1.248	93.55	5.261	3.626	29	-0.72	2%	0
022.43	Copper, ICP, Microwave (ppm)	0682	89.90	0.0000	93.55	5.261	3.626	29	-0.69	2%	0
022.43	Copper, ICP, Microwave (ppm)	0098	91.11	5.280	93.55	5.261	3.626	29	-0.46	1%	0
022.43	Copper, ICP, Microwave (ppm)	0848	91.57	5.831	93.55	5.261	3.626	29	-0.38	1%	0
022.43	Copper, ICP, Microwave (ppm)	0035	92.50	1.000	93.55	5.261	3.626	29	-0.20	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
022.43	Copper, ICP, Microwave (ppm)	0918	93.68	0.4100	93.55	5.261	3.626	29	0.02	0%	0
022.43	Copper, ICP, Microwave (ppm)	2445	94.28	7.430	93.55	5.261	3.626	29	0.14	0%	0
022.43	Copper, ICP, Microwave (ppm)	0169	94.30	1.200	93.55	5.261	3.626	29	0.14	0%	0
022.43	Copper, ICP, Microwave (ppm)	2192	95.50	3.000	93.55	5.261	3.626	29	0.37	1%	0
022.43	Copper, ICP, Microwave (ppm)	0407	95.57	9.100	93.55	5.261	3.626	29	0.38	1%	0
022.43	Copper, ICP, Microwave (ppm)	0870	95.59	3.250	93.55	5.261	3.626	29	0.39	1%	0
022.43	Copper, ICP, Microwave (ppm)	0675	96.00	0.9000	93.55	5.261	3.626	29	0.47	1%	0
022.43	Copper, ICP, Microwave (ppm)	0505	96.37	1.990	93.55	5.261	3.626	29	0.54	2%	0
022.43	Copper, ICP, Microwave (ppm)	0610	97.55	2.300	93.55	5.261	3.626	29	0.76	2%	0
022.43	Copper, ICP, Microwave (ppm)	2089	97.90	10.07	93.55	5.261	3.626	29	0.83	2%	0
022.43	Copper, ICP, Microwave (ppm)	0510	100.0	2.000	93.55	5.261	3.626	29	1.23	3%	0
022.43	Copper, ICP, Microwave (ppm)	2326	100.0	4.000	93.55	5.261	3.626	29	1.23	3%	0
022.43	Copper, ICP, Microwave (ppm)	0345	101.5	3.600	93.55	5.261	3.626	29	1.51	4%	0
022.43	Copper, ICP, Microwave (ppm)	0353	102.5	1.000	93.55	5.261	3.626	29	1.70	5%	0
022.43	Copper, ICP, Microwave (ppm)	0038	106.5	7.000	93.55	5.261	3.626	29	2.46	7%	0
022.44	Copper, ICP, Dry ash (ppm)	0164	88.50	1.000				2			0
022.44	Copper, ICP, Dry ash (ppm)	0066	91.92	3.010				2			0
022.52	Copper, ICP-MS, Open vessel (ppm)	0186	83.25	12.21				2			0
022.52	Copper, ICP-MS, Open vessel (ppm)	0047	86.85	1.490				2			0
022.53	Copper, ICP-MS, Microwave (ppm)	0941	89.50	0.0000	96.11	4.564	8.911	4			0
022.53	Copper, ICP-MS, Microwave (ppm)	0939	97.22	13.56	96.11	4.564	8.911	4			0
022.53	Copper, ICP-MS, Microwave (ppm)	0199	97.74	2.160	96.11	4.564	8.911	4			0
022.53	Copper, ICP-MS, Microwave (ppm)	0407	99.97	11.01	96.11	4.564	8.911	4			0
022.99	Copper, Miscellaneous (ppm)	0242	84.50	5.000	90.10	6.389	4.350	4			0
022.99	Copper, Miscellaneous (ppm)	0590	85.60	1.000	90.10	6.389	4.350	4			0
022.99	Copper, Miscellaneous (ppm)	0100	92.00	8.000	90.10	6.389	4.350	4			0
022.99	Copper, Miscellaneous (ppm)	0123	98.30	3.400	90.10	6.389	4.350	4			0
025.31	Iron, AAS, Dry ash (ppm)	0629	171.5	1.000	205.2	24.21	5.046	10	-1.39	8%	0
025.31	Iron, AAS, Dry ash (ppm)	0939	190.5	1.000	205.2	24.21	5.046	10	-0.61	4%	0
025.31	Iron, AAS, Dry ash (ppm)	0651	193.1	2.305	205.2	24.21	5.046	10	-0.50	3%	0
025.31	Iron, AAS, Dry ash (ppm)	0529	199.2	3.000	205.2	24.21	5.046	10	-0.25	1%	0
025.31	Iron, AAS, Dry ash (ppm)	2196	201.1	0.0000	205.2	24.21	5.046	10	-0.17	1%	0
025.31	Iron, AAS, Dry ash (ppm)	0001	201.4	14.20	205.2	24.21	5.046	10	-0.16	1%	0
025.31	Iron, AAS, Dry ash (ppm)	0689	205.7	1.700	205.2	24.21	5.046	10	0.02	0%	0
025.31	Iron, AAS, Dry ash (ppm)	2188	208.2	0.0000	205.2	24.21	5.046	10	0.12	1%	0
025.31	Iron, AAS, Dry ash (ppm)	0536	240.0	1.850	205.2	24.21	5.046	10	1.44	8%	0
025.31	Iron, AAS, Dry ash (ppm)	0038	255.5	19.00	205.2	24.21	5.046	10	2.08	12%	0
025.31	Iron, AAS, Dry ash (ppm)	0656	< 0.162		205.2	24.21	5.046	10			5
025.33	Iron, AAS, Microwave (ppm)	0948	209.6	7.760				1			0
025.41	Iron, ICP, Dry ash (ppm)	0226	170.2	1.020	200.3	13.72	5.631	17	-2.19	8%	0
025.41	Iron, ICP, Dry ash (ppm)	0066	170.8	12.50	200.3	13.72	5.631	17	-2.15	7%	0
025.41	Iron, ICP, Dry ash (ppm)	2114	191.7	10.06	200.3	13.72	5.631	17	-0.63	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
025.41	Iron, ICP, Dry ash (ppm)	0674	192.1	0.0000	200.3	13.72	5.631	17	-0.60	2%	0
025.41	Iron, ICP, Dry ash (ppm)	0358	193.5	7.800	200.3	13.72	5.631	17	-0.49	2%	0
025.41	Iron, ICP, Dry ash (ppm)	0019	193.8	1.500	200.3	13.72	5.631	17	-0.48	2%	0
025.41	Iron, ICP, Dry ash (ppm)	0164	194.5	1.000	200.3	13.72	5.631	17	-0.42	1%	0
025.41	Iron, ICP, Dry ash (ppm)	0098	198.3	4.100	200.3	13.72	5.631	17	-0.15	1%	0
025.41	Iron, ICP, Dry ash (ppm)	0407	198.5	0.9949	200.3	13.72	5.631	17	-0.13	0%	0
025.41	Iron, ICP, Dry ash (ppm)	0004	201.7	5.170	200.3	13.72	5.631	17	0.10	0%	0
025.41	Iron, ICP, Dry ash (ppm)	0619	203.0	6.000	200.3	13.72	5.631	17	0.20	1%	0
025.41	Iron, ICP, Dry ash (ppm)	0171	203.3	3.800	200.3	13.72	5.631	17	0.22	1%	0
025.41	Iron, ICP, Dry ash (ppm)	0598	207.8	8.414	200.3	13.72	5.631	17	0.54	2%	0
025.41	Iron, ICP, Dry ash (ppm)	0148	212.6	5.068	200.3	13.72	5.631	17	0.90	3%	0
025.41	Iron, ICP, Dry ash (ppm)	0049	214.9	13.40	200.3	13.72	5.631	17	1.06	4%	0
025.41	Iron, ICP, Dry ash (ppm)	0229	219.3	8.400	200.3	13.72	5.631	17	1.38	5%	0
025.41	Iron, ICP, Dry ash (ppm)	0354	226.2	2.320	200.3	13.72	5.631	17	1.89	6%	0
025.42	Iron, ICP, Open vessel (ppm)	0037	141.1	45.40	196.3	21.05	12.77	18	-2.62	14%	0
025.42	Iron, ICP, Open vessel (ppm)	0026	163.9	55.27	196.3	21.05	12.77	18	-1.54	8%	0
025.42	Iron, ICP, Open vessel (ppm)	0504	168.0	42.00	196.3	21.05	12.77	18	-1.35	7%	0
025.42	Iron, ICP, Open vessel (ppm)	0294	179.9	2.050	196.3	21.05	12.77	18	-0.78	4%	0
025.42	Iron, ICP, Open vessel (ppm)	2319	185.5	7.000	196.3	21.05	12.77	18	-0.51	3%	0
025.42	Iron, ICP, Open vessel (ppm)	0692	187.5	31.00	196.3	21.05	12.77	18	-0.42	2%	0
025.42	Iron, ICP, Open vessel (ppm)	0263	189.0	1.640	196.3	21.05	12.77	18	-0.35	2%	0
025.42	Iron, ICP, Open vessel (ppm)	0870	194.1	10.50	196.3	21.05	12.77	18	-0.11	1%	0
025.42	Iron, ICP, Open vessel (ppm)	0045	200.0	12.00	196.3	21.05	12.77	18	0.17	1%	0
025.42	Iron, ICP, Open vessel (ppm)	0726	203.3	2.800	196.3	21.05	12.77	18	0.33	2%	0
025.42	Iron, ICP, Open vessel (ppm)	2129	203.4	4.600	196.3	21.05	12.77	18	0.34	2%	0
025.42	Iron, ICP, Open vessel (ppm)	0366	206.5	5.000	196.3	21.05	12.77	18	0.48	3%	0
025.42	Iron, ICP, Open vessel (ppm)	0190	206.9	0.3000	196.3	21.05	12.77	18	0.50	3%	0
025.42	Iron, ICP, Open vessel (ppm)	0042	208.0	2.000	196.3	21.05	12.77	18	0.55	3%	0
025.42	Iron, ICP, Open vessel (ppm)	2375	211.5	7.000	196.3	21.05	12.77	18	0.72	4%	0
025.42	Iron, ICP, Open vessel (ppm)	0357	212.2	0.0020	196.3	21.05	12.77	18	0.76	4%	0
025.42	Iron, ICP, Open vessel (ppm)	0693	220.7	19.39	196.3	21.05	12.77	18	1.16	6%	0
025.42	Iron, ICP, Open vessel (ppm)	0278	244.0	20.00	196.3	21.05	12.77	18	2.26	12%	0
025.43	Iron, ICP, Microwave (ppm)	0083	177.3	4.920	201.0	13.18	5.708	26	-1.80	6%	0
025.43	Iron, ICP, Microwave (ppm)	0511	184.5	3.000	201.0	13.18	5.708	26	-1.25	4%	0
025.43	Iron, ICP, Microwave (ppm)	0629	185.5	1.000	201.0	13.18	5.708	26	-1.17	4%	0
025.43	Iron, ICP, Microwave (ppm)	0226	188.0	0.6800	201.0	13.18	5.708	26	-0.99	3%	0
025.43	Iron, ICP, Microwave (ppm)	0968	188.0	0.4070	201.0	13.18	5.708	26	-0.99	3%	0
025.43	Iron, ICP, Microwave (ppm)	2322	189.6	5.470	201.0	13.18	5.708	26	-0.87	3%	0
025.43	Iron, ICP, Microwave (ppm)	0297	191.0	4.000	201.0	13.18	5.708	26	-0.76	2%	0
025.43	Iron, ICP, Microwave (ppm)	0610	193.0	6.000	201.0	13.18	5.708	26	-0.61	2%	0
025.43	Iron, ICP, Microwave (ppm)	0510	193.5	3.000	201.0	13.18	5.708	26	-0.57	2%	0
025.43	Iron, ICP, Microwave (ppm)	0169	197.0	2.000	201.0	13.18	5.708	26	-0.30	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
025.43	Iron, ICP, Microwave (ppm)	0918	200.4	4.220	201.0	13.18	5.708	26	-0.05	0%	0
025.43	Iron, ICP, Microwave (ppm)	2192	200.5	19.00	201.0	13.18	5.708	26	-0.04	0%	0
025.43	Iron, ICP, Microwave (ppm)	0675	201.5	2.030	201.0	13.18	5.708	26	0.04	0%	0
025.43	Iron, ICP, Microwave (ppm)	0345	201.7	6.200	201.0	13.18	5.708	26	0.05	0%	0
025.43	Iron, ICP, Microwave (ppm)	0505	203.0	11.10	201.0	13.18	5.708	26	0.15	0%	0
025.43	Iron, ICP, Microwave (ppm)	0098	203.1	5.500	201.0	13.18	5.708	26	0.16	1%	0
025.43	Iron, ICP, Microwave (ppm)	0353	204.0	6.000	201.0	13.18	5.708	26	0.23	1%	0
025.43	Iron, ICP, Microwave (ppm)	0870	204.1	11.40	201.0	13.18	5.708	26	0.24	1%	0
025.43	Iron, ICP, Microwave (ppm)	0032	205.9	5.800	201.0	13.18	5.708	26	0.37	1%	0
025.43	Iron, ICP, Microwave (ppm)	0407	207.1	2.549	201.0	13.18	5.708	26	0.46	2%	0
025.43	Iron, ICP, Microwave (ppm)	0682	209.5	0.0000	201.0	13.18	5.708	26	0.64	2%	0
025.43	Iron, ICP, Microwave (ppm)	0964	215.0	16.00	201.0	13.18	5.708	26	1.06	3%	0
025.43	Iron, ICP, Microwave (ppm)	0035	216.5	9.000	201.0	13.18	5.708	26	1.18	4%	0
025.43	Iron, ICP, Microwave (ppm)	2326	225.5	9.000	201.0	13.18	5.708	26	1.86	6%	0
025.43	Iron, ICP, Microwave (ppm)	2089	236.9	2.710	201.0	13.18	5.708	26	2.72	9%	0
025.43	Iron, ICP, Microwave (ppm)	0038	255.5	13.00	201.0	13.18	5.708	26	4.14	14%	0
025.52	Iron, ICP-MS, Open vessel (ppm)	0047	217.7	16.44				1			0
025.53	Iron, ICP-MS, Microwave (ppm)	0941	170.0	0.0000	186.4	14.56	7.880	4			0
025.53	Iron, ICP-MS, Microwave (ppm)	0199	181.5	5.000	186.4	14.56	7.880	4			0
025.53	Iron, ICP-MS, Microwave (ppm)	0939	189.5	11.00	186.4	14.56	7.880	4			0
025.53	Iron, ICP-MS, Microwave (ppm)	0407	204.6	7.641	186.4	14.56	7.880	4			0
025.99	Iron, Miscellaneous (ppm)	0242	177.0	20.00				3			0
025.99	Iron, Miscellaneous (ppm)	0100	190.5	3.000				3			0
025.99	Iron, Miscellaneous (ppm)	0123	193.0	4.000				3			0
027.31	Magnesium, AAS, Dry ash (%)	0529	0.1850	0.0020	0.1955	0.0121	0.0062	10	-0.87	3%	0
027.31	Magnesium, AAS, Dry ash (%)	0629	0.1850	0.0100	0.1955	0.0121	0.0062	10	-0.87	3%	0
027.31	Magnesium, AAS, Dry ash (%)	0001	0.1887	0.0028	0.1955	0.0121	0.0062	10	-0.56	2%	0
027.31	Magnesium, AAS, Dry ash (%)	0656	0.1900	0.0000	0.1955	0.0121	0.0062	10	-0.45	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0939	0.1900	0.0000	0.1955	0.0121	0.0062	10	-0.45	1%	0
027.31	Magnesium, AAS, Dry ash (%)	2196	0.1900	0.0000	0.1955	0.0121	0.0062	10	-0.45	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0884	0.1950	0.0100	0.1955	0.0121	0.0062	10	-0.04	0%	0
027.31	Magnesium, AAS, Dry ash (%)	0536	0.2100	0.0000	0.1955	0.0121	0.0062	10	1.20	4%	0
027.31	Magnesium, AAS, Dry ash (%)	0596	0.2100	0.0000	0.1955	0.0121	0.0062	10	1.20	4%	0
027.31	Magnesium, AAS, Dry ash (%)	0038	0.2110	0.0060	0.1955	0.0121	0.0062	10	1.29	4%	0
027.32	Magnesium, AAS, Open vessel (%)	0169	0.1950	0.0100				1			0
027.33	Magnesium, AAS, Microwave (%)	0948	0.2015	0.0010				1			0
027.41	Magnesium, ICP, Dry ash (%)	0354	0.1805	0.0010	0.1948	0.0095	0.0062	16	-1.50	4%	0
027.41	Magnesium, ICP, Dry ash (%)	0066	0.1830	0.0080	0.1948	0.0095	0.0062	16	-1.23	3%	0
027.41	Magnesium, ICP, Dry ash (%)	0004	0.1900	0.0000	0.1948	0.0095	0.0062	16	-0.50	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0049	0.1900	0.0000	0.1948	0.0095	0.0062	16	-0.50	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0098	0.1900	0.0000	0.1948	0.0095	0.0062	16	-0.50	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0229	0.1900	0.0000	0.1948	0.0095	0.0062	16	-0.50	1%	0



Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
027.41	Magnesium, ICP, Dry ash (%)	0358	0.1900	0.0000	0.1948	0.0095	0.0062	16	-0.50	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0407	0.1909	0.0009	0.1948	0.0095	0.0062	16	-0.41	1%	0
027.41	Magnesium, ICP, Dry ash (%)	2114	0.1936	0.0028	0.1948	0.0095	0.0062	16	-0.12	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0019	0.1950	0.0100	0.1948	0.0095	0.0062	16	0.02	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0171	0.2000	0.0000	0.1948	0.0095	0.0062	16	0.55	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0674	0.2000	0.0000	0.1948	0.0095	0.0062	16	0.55	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0148	0.2015	0.0090	0.1948	0.0095	0.0062	16	0.71	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0598	0.2037	0.0001	0.1948	0.0095	0.0062	16	0.93	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0226	0.2150	0.0100	0.1948	0.0095	0.0062	16	2.12	5%	0
027.41	Magnesium, ICP, Dry ash (%)	0619	0.2540	0.0140	0.1948	0.0095	0.0062	16	6.21	15%	0
027.42	Magnesium, ICP, Open vessel (%)	0026	0.1420	0.0380	0.2002	0.0139	0.0111	19	-4.18	15%	0
027.42	Magnesium, ICP, Open vessel (%)	2129	0.1850	0.0040	0.2002	0.0139	0.0111	19	-1.09	4%	0
027.42	Magnesium, ICP, Open vessel (%)	0504	0.1865	0.0210	0.2002	0.0139	0.0111	19	-0.99	3%	0
027.42	Magnesium, ICP, Open vessel (%)	0263	0.1870	0.0020	0.2002	0.0139	0.0111	19	-0.95	3%	0
027.42	Magnesium, ICP, Open vessel (%)	0294	0.1900	0.0000	0.2002	0.0139	0.0111	19	-0.74	3%	0
027.42	Magnesium, ICP, Open vessel (%)	2319	0.1900	0.0000	0.2002	0.0139	0.0111	19	-0.74	3%	0
027.42	Magnesium, ICP, Open vessel (%)	0045	0.1930	0.0060	0.2002	0.0139	0.0111	19	-0.52	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0870	0.1937	0.0084	0.2002	0.0139	0.0111	19	-0.47	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0186	0.1962	0.0011	0.2002	0.0139	0.0111	19	-0.29	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0366	0.2000	0.0200	0.2002	0.0139	0.0111	19	-0.02	0%	0
027.42	Magnesium, ICP, Open vessel (%)	0037	0.2030	0.0040	0.2002	0.0139	0.0111	19	0.20	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0357	0.2065	0.0005	0.2002	0.0139	0.0111	19	0.45	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0190	0.2100	0.0000	0.2002	0.0139	0.0111	19	0.70	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0692	0.2100	0.0200	0.2002	0.0139	0.0111	19	0.70	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0726	0.2100	0.0200	0.2002	0.0139	0.0111	19	0.70	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0042	0.2145	0.0050	0.2002	0.0139	0.0111	19	1.02	4%	0
027.42	Magnesium, ICP, Open vessel (%)	0693	0.2150	0.0100	0.2002	0.0139	0.0111	19	1.06	4%	0
027.42	Magnesium, ICP, Open vessel (%)	2375	0.2150	0.0100	0.2002	0.0139	0.0111	19	1.06	4%	0
027.42	Magnesium, ICP, Open vessel (%)	0278	0.2200	0.0200	0.2002	0.0139	0.0111	19	1.42	5%	0
027.43	Magnesium, ICP, Microwave (%)	2192	0.1600	0.0000	0.1938	0.0115	0.0102	28	-2.94	9%	0
027.43	Magnesium, ICP, Microwave (%)	0089	0.1700	0.0000	0.1938	0.0115	0.0102	28	-2.07	6%	0
027.43	Magnesium, ICP, Microwave (%)	0968	0.1740	0.0000	0.1938	0.0115	0.0102	28	-1.72	5%	0
027.43	Magnesium, ICP, Microwave (%)	2322	0.1761	0.0017	0.1938	0.0115	0.0102	28	-1.54	5%	0
027.43	Magnesium, ICP, Microwave (%)	0083	0.1800	0.0000	0.1938	0.0115	0.0102	28	-1.20	4%	0
027.43	Magnesium, ICP, Microwave (%)	0226	0.1800	0.0000	0.1938	0.0115	0.0102	28	-1.20	4%	0
027.43	Magnesium, ICP, Microwave (%)	0032	0.1873	0.0028	0.1938	0.0115	0.0102	28	-0.57	2%	0
027.43	Magnesium, ICP, Microwave (%)	0510	0.1900	0.0000	0.1938	0.0115	0.0102	28	-0.33	1%	0
027.43	Magnesium, ICP, Microwave (%)	0629	0.1900	0.0000	0.1938	0.0115	0.0102	28	-0.33	1%	0
027.43	Magnesium, ICP, Microwave (%)	0407	0.1918	0.0018	0.1938	0.0115	0.0102	28	-0.18	1%	0
027.43	Magnesium, ICP, Microwave (%)	0870	0.1943	0.0069	0.1938	0.0115	0.0102	28	0.04	0%	0
027.43	Magnesium, ICP, Microwave (%)	0098	0.1950	0.0100	0.1938	0.0115	0.0102	28	0.10	0%	0
027.43	Magnesium, ICP, Microwave (%)	0511	0.1950	0.0100	0.1938	0.0115	0.0102	28	0.10	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
027.43	Magnesium, ICP, Microwave (%)	0610	0.1950	0.0100	0.1938	0.0115	0.0102	28	0.10	0%	0
027.43	Magnesium, ICP, Microwave (%)	0675	0.1950	0.0100	0.1938	0.0115	0.0102	28	0.10	0%	0
027.43	Magnesium, ICP, Microwave (%)	2445	0.1950	0.0100	0.1938	0.0115	0.0102	28	0.10	0%	0
027.43	Magnesium, ICP, Microwave (%)	0035	0.2000	0.0000	0.1938	0.0115	0.0102	28	0.53	2%	0
027.43	Magnesium, ICP, Microwave (%)	0202	0.2000	0.0200	0.1938	0.0115	0.0102	28	0.53	2%	0
027.43	Magnesium, ICP, Microwave (%)	0297	0.2000	0.0000	0.1938	0.0115	0.0102	28	0.53	2%	0
027.43	Magnesium, ICP, Microwave (%)	0353	0.2000	0.0200	0.1938	0.0115	0.0102	28	0.53	2%	0
027.43	Magnesium, ICP, Microwave (%)	0505	0.2000	0.0000	0.1938	0.0115	0.0102	28	0.53	2%	0
027.43	Magnesium, ICP, Microwave (%)	0682	0.2000	0.0000	0.1938	0.0115	0.0102	28	0.53	2%	0
027.43	Magnesium, ICP, Microwave (%)	2089	0.2000	0.0000	0.1938	0.0115	0.0102	28	0.53	2%	0
027.43	Magnesium, ICP, Microwave (%)	0345	0.2030	0.0040	0.1938	0.0115	0.0102	28	0.80	2%	0
027.43	Magnesium, ICP, Microwave (%)	0918	0.2045	0.0110	0.1938	0.0115	0.0102	28	0.93	3%	0
027.43	Magnesium, ICP, Microwave (%)	0964	0.2048	0.0141	0.1938	0.0115	0.0102	28	0.95	3%	0
027.43	Magnesium, ICP, Microwave (%)	0038	0.2095	0.0230	0.1938	0.0115	0.0102	28	1.36	4%	0
027.43	Magnesium, ICP, Microwave (%)	2326	0.2250	0.0100	0.1938	0.0115	0.0102	28	2.70	8%	0
027.44	Magnesium, ICP, Dry ash (%)	0164	0.1975	0.0070				1			0
027.52	Magnesium, ICP-MS, Open vessel (%)	0186	0.1856	0.0004				3			0
027.52	Magnesium, ICP-MS, Open vessel (%)	0154	0.1922	0.0030				3			0
027.52	Magnesium, ICP-MS, Open vessel (%)	0047	0.2030	0.0120				3			0
027.53	Magnesium, ICP-MS, Microwave (%)	0939	0.1850	0.0100	0.1903	0.0060	0.0079	4			0
027.53	Magnesium, ICP-MS, Microwave (%)	0941	0.1860	0.0000	0.1903	0.0060	0.0079	4			0
027.53	Magnesium, ICP-MS, Microwave (%)	0199	0.1920	0.0060	0.1903	0.0060	0.0079	4			0
027.53	Magnesium, ICP-MS, Microwave (%)	0407	0.1980	0.0076	0.1903	0.0060	0.0079	4			0
027.99	Magnesium, Miscellaneous (%)	0242	0.1900	0.0000	0.1960	0.0055		5			0
027.99	Magnesium, Miscellaneous (%)	0590	0.1900	0.0000	0.1960	0.0055		5			0
027.99	Magnesium, Miscellaneous (%)	0100	0.2000	0.0000	0.1960	0.0055		5			0
027.99	Magnesium, Miscellaneous (%)	0123	0.2000	0.0000	0.1960	0.0055		5			0
027.99	Magnesium, Miscellaneous (%)	2144	0.2000	0.0000	0.1960	0.0055		5			0
028.31	Manganese, AAS, Dry ash (ppm)	0689	76.10	2.600	103.2	17.12	3.408	11	-1.58	13%	0
028.31	Manganese, AAS, Dry ash (ppm)	0596	78.25	2.090	103.2	17.12	3.408	11	-1.46	12%	0
028.31	Manganese, AAS, Dry ash (ppm)	0629	98.25	1.500	103.2	17.12	3.408	11	-0.29	2%	0
028.31	Manganese, AAS, Dry ash (ppm)	0939	101.0	0.0000	103.2	17.12	3.408	11	-0.13	1%	0
028.31	Manganese, AAS, Dry ash (ppm)	2196	103.8	0.0000	103.2	17.12	3.408	11	0.04	0%	0
028.31	Manganese, AAS, Dry ash (ppm)	0529	105.9	0.2000	103.2	17.12	3.408	11	0.16	1%	0
028.31	Manganese, AAS, Dry ash (ppm)	0001	106.0	5.400	103.2	17.12	3.408	11	0.17	1%	0
028.31	Manganese, AAS, Dry ash (ppm)	2188	107.2	0.0000	103.2	17.12	3.408	11	0.23	2%	0
028.31	Manganese, AAS, Dry ash (ppm)	0651	109.5	4.238	103.2	17.12	3.408	11	0.37	3%	0
028.31	Manganese, AAS, Dry ash (ppm)	0884	118.6	18.80	103.2	17.12	3.408	11	0.90	7%	0
028.31	Manganese, AAS, Dry ash (ppm)	0656	437.6	0.0000	103.2	17.12	3.408	11	19.53	162%	0
028.31	Manganese, AAS, Dry ash (ppm)	0536	64.20	98.70	103.2	17.12	3.408	11	-2.28	19%	1
028.32	Manganese, AAS, Open vessel (ppm)	0038	115.5	1.000				1			0
028.33	Manganese, AAS, Microwave (ppm)	0948	107.1	1.350				1			0

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			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
028.41	Manganese, ICP, Dry ash (ppm)	0354	93.11	0.1300	105.8	5.482	2.217	15	-2.31	6%	0
028.41	Manganese, ICP, Dry ash (ppm)	0674	98.64	0.0000	105.8	5.482	2.217	15	-1.30	3%	0
028.41	Manganese, ICP, Dry ash (ppm)	0358	101.3	1.000	105.8	5.482	2.217	15	-0.81	2%	0
028.41	Manganese, ICP, Dry ash (ppm)	0049	102.4	0.6100	105.8	5.482	2.217	15	-0.61	2%	0
028.41	Manganese, ICP, Dry ash (ppm)	0226	104.1	2.990	105.8	5.482	2.217	15	-0.29	1%	0
028.41	Manganese, ICP, Dry ash (ppm)	0098	104.4	1.800	105.8	5.482	2.217	15	-0.25	1%	0
028.41	Manganese, ICP, Dry ash (ppm)	0004	105.4	2.200	105.8	5.482	2.217	15	-0.07	0%	0
028.41	Manganese, ICP, Dry ash (ppm)	2114	105.4	4.890	105.8	5.482	2.217	15	-0.07	0%	0
028.41	Manganese, ICP, Dry ash (ppm)	0171	106.3	0.8000	105.8	5.482	2.217	15	0.10	0%	0
028.41	Manganese, ICP, Dry ash (ppm)	0407	106.8	2.716	105.8	5.482	2.217	15	0.19	0%	0
028.41	Manganese, ICP, Dry ash (ppm)	0019	107.3	9.100	105.8	5.482	2.217	15	0.27	1%	0
028.41	Manganese, ICP, Dry ash (ppm)	0598	107.3	0.2960	105.8	5.482	2.217	15	0.29	1%	0
028.41	Manganese, ICP, Dry ash (ppm)	0148	111.7	1.810	105.8	5.482	2.217	15	1.08	3%	0
028.41	Manganese, ICP, Dry ash (ppm)	0229	113.8	1.230	105.8	5.482	2.217	15	1.46	4%	0
028.41	Manganese, ICP, Dry ash (ppm)	0619	123.5	7.000	105.8	5.482	2.217	15	3.24	8%	0
028.42	Manganese, ICP, Open vessel (ppm)	0026	83.22	23.73	108.1	7.867	5.410	19	-3.16	12%	0
028.42	Manganese, ICP, Open vessel (ppm)	0870	95.90	4.050	108.1	7.867	5.410	19	-1.55	6%	0
028.42	Manganese, ICP, Open vessel (ppm)	0263	100.5	1.620	108.1	7.867	5.410	19	-0.97	4%	0
028.42	Manganese, ICP, Open vessel (ppm)	0366	101.5	7.000	108.1	7.867	5.410	19	-0.84	3%	0
028.42	Manganese, ICP, Open vessel (ppm)	2319	104.0	4.000	108.1	7.867	5.410	19	-0.52	2%	0
028.42	Manganese, ICP, Open vessel (ppm)	0294	104.2	7.700	108.1	7.867	5.410	19	-0.50	2%	0
028.42	Manganese, ICP, Open vessel (ppm)	0504	104.3	11.80	108.1	7.867	5.410	19	-0.48	2%	0
028.42	Manganese, ICP, Open vessel (ppm)	0186	105.0	2.000	108.1	7.867	5.410	19	-0.39	1%	0
028.42	Manganese, ICP, Open vessel (ppm)	2129	108.2	0.5000	108.1	7.867	5.410	19	0.01	0%	0
028.42	Manganese, ICP, Open vessel (ppm)	0045	109.0	6.000	108.1	7.867	5.410	19	0.11	0%	0
028.42	Manganese, ICP, Open vessel (ppm)	0278	109.5	3.000	108.1	7.867	5.410	19	0.18	1%	0
028.42	Manganese, ICP, Open vessel (ppm)	0692	109.5	15.00	108.1	7.867	5.410	19	0.18	1%	0
028.42	Manganese, ICP, Open vessel (ppm)	0693	110.1	7.810	108.1	7.867	5.410	19	0.25	1%	0
028.42	Manganese, ICP, Open vessel (ppm)	0042	110.5	5.000	108.1	7.867	5.410	19	0.30	1%	0
028.42	Manganese, ICP, Open vessel (ppm)	0357	114.9	1.241	108.1	7.867	5.410	19	0.86	3%	0
028.42	Manganese, ICP, Open vessel (ppm)	0190	115.6	0.2000	108.1	7.867	5.410	19	0.95	3%	0
028.42	Manganese, ICP, Open vessel (ppm)	0037	116.8	3.400	108.1	7.867	5.410	19	1.11	4%	0
028.42	Manganese, ICP, Open vessel (ppm)	2375	118.0	8.000	108.1	7.867	5.410	19	1.26	5%	0
028.42	Manganese, ICP, Open vessel (ppm)	0726	123.4	0.0000	108.1	7.867	5.410	19	1.94	7%	0
028.43	Manganese, ICP, Microwave (ppm)	2089	99.52	3.030	107.4	6.666	3.232	27	-1.19	4%	0
028.43	Manganese, ICP, Microwave (ppm)	0629	99.55	0.9000	107.4	6.666	3.232	27	-1.18	4%	0
028.43	Manganese, ICP, Microwave (ppm)	0968	99.57	0.8530	107.4	6.666	3.232	27	-1.18	4%	0
028.43	Manganese, ICP, Microwave (ppm)	0083	99.61	0.0200	107.4	6.666	3.232	27	-1.17	4%	0
028.43	Manganese, ICP, Microwave (ppm)	0870	99.85	6.710	107.4	6.666	3.232	27	-1.14	4%	0
028.43	Manganese, ICP, Microwave (ppm)	0511	101.5	9.000	107.4	6.666	3.232	27	-0.89	3%	0
028.43	Manganese, ICP, Microwave (ppm)	0226	101.8	0.9100	107.4	6.666	3.232	27	-0.85	3%	0
028.43	Manganese, ICP, Microwave (ppm)	0505	101.9	3.300	107.4	6.666	3.232	27	-0.84	3%	0

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			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
028.43	Manganese, ICP, Microwave (ppm)	0918	104.6	6.450	107.4	6.666	3.232	27	-0.43	1%	0
028.43	Manganese, ICP, Microwave (ppm)	0169	105.0	2.000	107.4	6.666	3.232	27	-0.36	1%	0
028.43	Manganese, ICP, Microwave (ppm)	0964	105.7	8.550	107.4	6.666	3.232	27	-0.26	1%	0
028.43	Manganese, ICP, Microwave (ppm)	0297	106.0	2.000	107.4	6.666	3.232	27	-0.21	1%	0
028.43	Manganese, ICP, Microwave (ppm)	0610	106.0	2.000	107.4	6.666	3.232	27	-0.21	1%	0
028.43	Manganese, ICP, Microwave (ppm)	2322	106.3	2.740	107.4	6.666	3.232	27	-0.17	1%	0
028.43	Manganese, ICP, Microwave (ppm)	0098	107.9	2.300	107.4	6.666	3.232	27	0.06	0%	0
028.43	Manganese, ICP, Microwave (ppm)	0027	108.0	2.000	107.4	6.666	3.232	27	0.09	0%	0
028.43	Manganese, ICP, Microwave (ppm)	0510	109.5	3.000	107.4	6.666	3.232	27	0.31	1%	0
028.43	Manganese, ICP, Microwave (ppm)	0035	110.5	5.000	107.4	6.666	3.232	27	0.46	1%	0
028.43	Manganese, ICP, Microwave (ppm)	0353	110.5	5.000	107.4	6.666	3.232	27	0.46	1%	0
028.43	Manganese, ICP, Microwave (ppm)	0407	111.8	2.762	107.4	6.666	3.232	27	0.65	2%	0
028.43	Manganese, ICP, Microwave (ppm)	0202	113.0	4.000	107.4	6.666	3.232	27	0.84	3%	0
028.43	Manganese, ICP, Microwave (ppm)	0345	113.4	1.000	107.4	6.666	3.232	27	0.90	3%	0
028.43	Manganese, ICP, Microwave (ppm)	0675	114.3	0.3200	107.4	6.666	3.232	27	1.03	3%	0
028.43	Manganese, ICP, Microwave (ppm)	0682	114.6	0.0000	107.4	6.666	3.232	27	1.07	3%	0
028.43	Manganese, ICP, Microwave (ppm)	2326	115.5	3.000	107.4	6.666	3.232	27	1.21	4%	0
028.43	Manganese, ICP, Microwave (ppm)	0032	118.5	5.000	107.4	6.666	3.232	27	1.66	5%	0
028.43	Manganese, ICP, Microwave (ppm)	0038	122.0	6.000	107.4	6.666	3.232	27	2.19	7%	0
028.44	Manganese, ICP, Dry ash (ppm)	0066	84.53	2.150				2			0
028.44	Manganese, ICP, Dry ash (ppm)	0164	105.0	2.000				2			0
028.52	Manganese, ICP-MS, Open vessel (ppm)	0186	97.51	8.380				2			0
028.52	Manganese, ICP-MS, Open vessel (ppm)	0047	107.5	3.730				2			0
028.53	Manganese, ICP-MS, Microwave (ppm)	0199	100.4	1.880	105.2	4.039	2.096	5			0
028.53	Manganese, ICP-MS, Microwave (ppm)	0407	102.4	4.503	105.2	4.039	2.096	5			0
028.53	Manganese, ICP-MS, Microwave (ppm)	0939	104.5	1.000	105.2	4.039	2.096	5			0
028.53	Manganese, ICP-MS, Microwave (ppm)	2192	108.5	1.000	105.2	4.039	2.096	5			0
028.53	Manganese, ICP-MS, Microwave (ppm)	0941	110.0	0.0000	105.2	4.039	2.096	5			0
028.99	Manganese, Miscellaneous (ppm)	0242	97.00	6.000	104.1	7.598	5.533	4			0
028.99	Manganese, Miscellaneous (ppm)	0590	99.50	0.6000	104.1	7.598	5.533	4			0
028.99	Manganese, Miscellaneous (ppm)	0123	106.0	0.0000	104.1	7.598	5.533	4			0
028.99	Manganese, Miscellaneous (ppm)	0100	114.0	10.00	104.1	7.598	5.533	4			0
030.01	Nitrate, Ion-selective electrode (%)	0357	0.0007	0.0000				1			0
031.01	Phosphorus, Photometric (%)	0108	0.4700	0.0000	0.5519	0.0199	0.0146	36	-4.12	7%	0
031.01	Phosphorus, Photometric (%)	0018	0.4780	0.0120	0.5519	0.0199	0.0146	36	-3.72	7%	0
031.01	Phosphorus, Photometric (%)	2450	0.4800	0.0600	0.5519	0.0199	0.0146	36	-3.62	7%	0
031.01	Phosphorus, Photometric (%)	2022	0.5200	0.0000	0.5519	0.0199	0.0146	36	-1.61	3%	0
031.01	Phosphorus, Photometric (%)	2144	0.5250	0.0100	0.5519	0.0199	0.0146	36	-1.35	2%	0
031.01	Phosphorus, Photometric (%)	2188	0.5300	0.0000	0.5519	0.0199	0.0146	36	-1.10	2%	0
031.01	Phosphorus, Photometric (%)	0038	0.5390	0.0060	0.5519	0.0199	0.0146	36	-0.65	1%	0
031.01	Phosphorus, Photometric (%)	0629	0.5400	0.0000	0.5519	0.0199	0.0146	36	-0.60	1%	0
031.01	Phosphorus, Photometric (%)	2246	0.5400	0.0000	0.5519	0.0199	0.0146	36	-0.60	1%	0

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031.01	Phosphorus, Photometric (%)	2337	0.5400	0.0000	0.5519	0.0199	0.0146	36	-0.60	1%	0
031.01	Phosphorus, Photometric (%)	2006	0.5435	0.0310	0.5519	0.0199	0.0146	36	-0.42	1%	0
031.01	Phosphorus, Photometric (%)	0622	0.5445	0.0070	0.5519	0.0199	0.0146	36	-0.37	1%	0
031.01	Phosphorus, Photometric (%)	0596	0.5450	0.0100	0.5519	0.0199	0.0146	36	-0.35	1%	0
031.01	Phosphorus, Photometric (%)	0646	0.5450	0.0100	0.5519	0.0199	0.0146	36	-0.35	1%	0
031.01	Phosphorus, Photometric (%)	0689	0.5450	0.0300	0.5519	0.0199	0.0146	36	-0.35	1%	0
031.01	Phosphorus, Photometric (%)	0529	0.5500	0.0000	0.5519	0.0199	0.0146	36	-0.10	0%	0
031.01	Phosphorus, Photometric (%)	2196	0.5500	0.0000	0.5519	0.0199	0.0146	36	-0.10	0%	0
031.01	Phosphorus, Photometric (%)	2434	0.5500	0.0000	0.5519	0.0199	0.0146	36	-0.10	0%	0
031.01	Phosphorus, Photometric (%)	0651	0.5513	0.0206	0.5519	0.0199	0.0146	36	-0.03	0%	0
031.01	Phosphorus, Photometric (%)	0590	0.5550	0.0100	0.5519	0.0199	0.0146	36	0.16	0%	0
031.01	Phosphorus, Photometric (%)	0687	0.5550	0.0100	0.5519	0.0199	0.0146	36	0.16	0%	0
031.01	Phosphorus, Photometric (%)	2453	0.5587	0.0083	0.5519	0.0199	0.0146	36	0.34	1%	0
031.01	Phosphorus, Photometric (%)	0656	0.5600	0.0000	0.5519	0.0199	0.0146	36	0.41	1%	0
031.01	Phosphorus, Photometric (%)	2181	0.5600	0.0000	0.5519	0.0199	0.0146	36	0.41	1%	0
031.01	Phosphorus, Photometric (%)	2302	0.5600	0.0000	0.5519	0.0199	0.0146	36	0.41	1%	0
031.01	Phosphorus, Photometric (%)	0884	0.5650	0.0100	0.5519	0.0199	0.0146	36	0.66	1%	0
031.01	Phosphorus, Photometric (%)	0948	0.5650	0.0100	0.5519	0.0199	0.0146	36	0.66	1%	0
031.01	Phosphorus, Photometric (%)	2446	0.5655	0.0010	0.5519	0.0199	0.0146	36	0.69	1%	0
031.01	Phosphorus, Photometric (%)	2009	0.5679	0.0074	0.5519	0.0199	0.0146	36	0.81	1%	0
031.01	Phosphorus, Photometric (%)	2192	0.5700	0.0000	0.5519	0.0199	0.0146	36	0.91	2%	0
031.01	Phosphorus, Photometric (%)	2190	0.5713	0.0035	0.5519	0.0199	0.0146	36	0.98	2%	0
031.01	Phosphorus, Photometric (%)	2109	0.5735	0.0250	0.5519	0.0199	0.0146	36	1.09	2%	0
031.01	Phosphorus, Photometric (%)	0939	0.5750	0.0300	0.5519	0.0199	0.0146	36	1.16	2%	0
031.01	Phosphorus, Photometric (%)	0885	0.5761	0.0194	0.5519	0.0199	0.0146	36	1.22	2%	0
031.01	Phosphorus, Photometric (%)	0035	0.5900	0.0000	0.5519	0.0199	0.0146	36	1.92	3%	0
031.01	Phosphorus, Photometric (%)	2193	0.6000	0.0200	0.5519	0.0199	0.0146	36	2.42	4%	0
031.01	Phosphorus, Photometric (%)	2397	0.4600	0.1200	0.5519	0.0199	0.0146	36	-4.63	8%	1
031.03	Phosphorus, Autoanalyzer (%)	0001	0.5506	0.0014				2			0
031.03	Phosphorus, Autoanalyzer (%)	0169	0.5650	0.0100				2			0
031.06	Phosphorus, Hach Method (%)	0536	0.5150	0.0100				1			0
031.41	Phosphorus, ICP, Dry ash (%)	0019	0.5250	0.0300	0.5661	0.0163	0.0126	16	-2.52	4%	0
031.41	Phosphorus, ICP, Dry ash (%)	0004	0.5350	0.0100	0.5661	0.0163	0.0126	16	-1.91	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0144	0.5500	0.0200	0.5661	0.0163	0.0126	16	-0.99	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0226	0.5550	0.0100	0.5661	0.0163	0.0126	16	-0.68	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0049	0.5600	0.0200	0.5661	0.0163	0.0126	16	-0.37	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0358	0.5600	0.0000	0.5661	0.0163	0.0126	16	-0.37	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	2259	0.5635	0.0010	0.5661	0.0163	0.0126	16	-0.16	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0171	0.5700	0.0000	0.5661	0.0163	0.0126	16	0.24	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0354	0.5700	0.0080	0.5661	0.0163	0.0126	16	0.24	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0674	0.5700	0.0000	0.5661	0.0163	0.0126	16	0.24	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0407	0.5720	0.0023	0.5661	0.0163	0.0126	16	0.36	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
031.41	Phosphorus, ICP, Dry ash (%)	0098	0.5723	0.0000	0.5661	0.0163	0.0126	16	0.38	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0229	0.5750	0.0100	0.5661	0.0163	0.0126	16	0.55	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0598	0.5751	0.0011	0.5661	0.0163	0.0126	16	0.55	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0148	0.5950	0.0200	0.5661	0.0163	0.0126	16	1.78	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0619	0.7535	0.0210	0.5661	0.0163	0.0126	16	11.50	17%	0
031.41	Phosphorus, ICP, Dry ash (%)	0848	0.7550	0.0700	0.5661	0.0163	0.0126	16	11.59	17%	1
031.42	Phosphorus, ICP, Open vessel (%)	0026	0.4335	0.1130	0.5718	0.0374	0.0243	20	-3.70	12%	0
031.42	Phosphorus, ICP, Open vessel (%)	0504	0.5120	0.0560	0.5718	0.0374	0.0243	20	-1.60	5%	0
031.42	Phosphorus, ICP, Open vessel (%)	2129	0.5266	0.0067	0.5718	0.0374	0.0243	20	-1.21	4%	0
031.42	Phosphorus, ICP, Open vessel (%)	0294	0.5300	0.0200	0.5718	0.0374	0.0243	20	-1.12	4%	0
031.42	Phosphorus, ICP, Open vessel (%)	0186	0.5470	0.0050	0.5718	0.0374	0.0243	20	-0.66	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0692	0.5550	0.0900	0.5718	0.0374	0.0243	20	-0.45	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0263	0.5575	0.0010	0.5718	0.0374	0.0243	20	-0.38	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0047	0.5650	0.0300	0.5718	0.0374	0.0243	20	-0.18	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	2319	0.5660	0.0080	0.5718	0.0374	0.0243	20	-0.16	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0693	0.5750	0.0300	0.5718	0.0374	0.0243	20	0.08	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0037	0.5800	0.0480	0.5718	0.0374	0.0243	20	0.22	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0366	0.5800	0.0400	0.5718	0.0374	0.0243	20	0.22	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0357	0.5817	0.0003	0.5718	0.0374	0.0243	20	0.26	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0045	0.5900	0.0020	0.5718	0.0374	0.0243	20	0.49	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0042	0.5940	0.0100	0.5718	0.0374	0.0243	20	0.59	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0278	0.5950	0.0300	0.5718	0.0374	0.0243	20	0.62	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0190	0.6100	0.0000	0.5718	0.0374	0.0243	20	1.02	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	0870	0.6127	0.0175	0.5718	0.0374	0.0243	20	1.09	4%	0
031.42	Phosphorus, ICP, Open vessel (%)	0726	0.6150	0.0100	0.5718	0.0374	0.0243	20	1.15	4%	0
031.42	Phosphorus, ICP, Open vessel (%)	2375	0.6250	0.0300	0.5718	0.0374	0.0243	20	1.42	5%	0
031.43	Phosphorus, ICP, Microwave (%)	0089	0.4800	0.0000	0.5668	0.0322	0.0146	31	-2.70	8%	0
031.43	Phosphorus, ICP, Microwave (%)	0083	0.5100	0.0200	0.5668	0.0322	0.0146	31	-1.77	5%	0
031.43	Phosphorus, ICP, Microwave (%)	0968	0.5275	0.0010	0.5668	0.0322	0.0146	31	-1.22	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0010	0.5350	0.0100	0.5668	0.0322	0.0146	31	-0.99	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0032	0.5371	0.0143	0.5668	0.0322	0.0146	31	-0.93	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0300	0.5400	0.0178	0.5668	0.0322	0.0146	31	-0.83	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0297	0.5450	0.0100	0.5668	0.0322	0.0146	31	-0.68	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0511	0.5500	0.0400	0.5668	0.0322	0.0146	31	-0.52	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0682	0.5500	0.0000	0.5668	0.0322	0.0146	31	-0.52	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0001	0.5540	0.0200	0.5668	0.0322	0.0146	31	-0.40	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0202	0.5550	0.0300	0.5668	0.0322	0.0146	31	-0.37	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0226	0.5550	0.0100	0.5668	0.0322	0.0146	31	-0.37	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0675	0.5550	0.0100	0.5668	0.0322	0.0146	31	-0.37	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0918	0.5560	0.0180	0.5668	0.0322	0.0146	31	-0.34	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0610	0.5600	0.0000	0.5668	0.0322	0.0146	31	-0.21	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0098	0.5625	0.0000	0.5668	0.0322	0.0146	31	-0.13	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
031.43	Phosphorus, ICP, Microwave (%)	0027	0.5630	0.0253	0.5668	0.0322	0.0146	31	-0.12	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0035	0.5650	0.0100	0.5668	0.0322	0.0146	31	-0.06	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0870	0.5697	0.0012	0.5668	0.0322	0.0146	31	0.09	0%	0
031.43	Phosphorus, ICP, Microwave (%)	2089	0.5700	0.0000	0.5668	0.0322	0.0146	31	0.10	0%	0
031.43	Phosphorus, ICP, Microwave (%)	2326	0.5750	0.0300	0.5668	0.0322	0.0146	31	0.25	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0629	0.5800	0.0200	0.5668	0.0322	0.0146	31	0.41	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0505	0.5850	0.0100	0.5668	0.0322	0.0146	31	0.56	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0036	0.5898	0.0095	0.5668	0.0322	0.0146	31	0.71	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0407	0.5918	0.0064	0.5668	0.0322	0.0146	31	0.78	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0510	0.5950	0.0100	0.5668	0.0322	0.0146	31	0.88	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0353	0.6100	0.0200	0.5668	0.0322	0.0146	31	1.34	4%	0
031.43	Phosphorus, ICP, Microwave (%)	0038	0.6130	0.0040	0.5668	0.0322	0.0146	31	1.43	4%	0
031.43	Phosphorus, ICP, Microwave (%)	0345	0.6150	0.0080	0.5668	0.0322	0.0146	31	1.50	4%	0
031.43	Phosphorus, ICP, Microwave (%)	0964	0.6292	0.0415	0.5668	0.0322	0.0146	31	1.94	5%	0
031.43	Phosphorus, ICP, Microwave (%)	2322	0.6619	0.0047	0.5668	0.0322	0.0146	31	2.95	8%	0
031.44	Phosphorus, ICP, Dry ash (%)	0066	0.5080	0.0240	0.5435	0.0248	0.0114	4			0
031.44	Phosphorus, ICP, Dry ash (%)	2445	0.5450	0.0100	0.5435	0.0248	0.0114	4			0
031.44	Phosphorus, ICP, Dry ash (%)	2114	0.5591	0.0057	0.5435	0.0248	0.0114	4			0
031.44	Phosphorus, ICP, Dry ash (%)	0164	0.5620	0.0060	0.5435	0.0248	0.0114	4			0
031.51	Phosphorus, ICP-MS, Dry ash (%)	2146	0.5500	0.0000				1			0
031.52	Phosphorus, ICP-MS, Open vessel (%)	0186	0.5453	0.0112				2			0
031.52	Phosphorus, ICP-MS, Open vessel (%)	0154	0.5816	0.0231				2			0
031.53	Phosphorus, ICP-MS, Microwave (%)	0941	0.5250	0.0000	0.5560	0.0261	0.0233	4			0
031.53	Phosphorus, ICP-MS, Microwave (%)	0939	0.5450	0.0100	0.5560	0.0261	0.0233	4			0
031.53	Phosphorus, ICP-MS, Microwave (%)	0407	0.5705	0.0329	0.5560	0.0261	0.0233	4			0
031.53	Phosphorus, ICP-MS, Microwave (%)	0199	0.5835	0.0270	0.5560	0.0261	0.0233	4			0
031.99	Phosphorus, Miscellaneous (%)	0242	0.4950	0.0100	0.5313	0.0450	0.0125	4			0
031.99	Phosphorus, Miscellaneous (%)	0676	0.5050	0.0100	0.5313	0.0450	0.0125	4			0
031.99	Phosphorus, Miscellaneous (%)	0100	0.5300	0.0200	0.5313	0.0450	0.0125	4			0
031.99	Phosphorus, Miscellaneous (%)	0123	0.5950	0.0100	0.5313	0.0450	0.0125	4			0
032.08	Potassium, Ion-selective electrode (%)	2434	0.6160	0.0000				1			0
032.31	Potassium, AAS, Dry ash (%)	0038	0.6705	0.0390	0.7356	0.0667	0.0212	8	-0.98	4%	0
032.31	Potassium, AAS, Dry ash (%)	0536	0.6750	0.0100	0.7356	0.0667	0.0212	8	-0.91	4%	0
032.31	Potassium, AAS, Dry ash (%)	2196	0.7000	0.0000	0.7356	0.0667	0.0212	8	-0.53	2%	0
032.31	Potassium, AAS, Dry ash (%)	0629	0.7200	0.0000	0.7356	0.0667	0.0212	8	-0.23	1%	0
032.31	Potassium, AAS, Dry ash (%)	0939	0.7250	0.0100	0.7356	0.0667	0.0212	8	-0.16	1%	0
032.31	Potassium, AAS, Dry ash (%)	0948	0.7585	0.0270	0.7356	0.0667	0.0212	8	0.34	2%	0
032.31	Potassium, AAS, Dry ash (%)	0656	0.8000	0.0000	0.7356	0.0667	0.0212	8	0.97	4%	0
032.31	Potassium, AAS, Dry ash (%)	0529	0.8400	0.0200	0.7356	0.0667	0.0212	8	1.57	7%	0
032.32	Potassium, AAS, Open vessel (%)	0169	0.7750	0.0100				1			0
032.41	Potassium, ICP, Dry ash (%)	0354	0.6450	0.0040	0.7359	0.0303	0.0108	16	-3.00	6%	0
032.41	Potassium, ICP, Dry ash (%)	0407	0.6940	0.0055	0.7359	0.0303	0.0108	16	-1.39	3%	0

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032.41	Potassium, ICP, Dry ash (%)	0049	0.7050	0.0100	0.7359	0.0303	0.0108	16	-1.02	2%	0
032.41	Potassium, ICP, Dry ash (%)	0004	0.7100	0.0000	0.7359	0.0303	0.0108	16	-0.86	2%	0
032.41	Potassium, ICP, Dry ash (%)	0358	0.7250	0.0100	0.7359	0.0303	0.0108	16	-0.36	1%	0
032.41	Potassium, ICP, Dry ash (%)	0144	0.7300	0.0000	0.7359	0.0303	0.0108	16	-0.20	0%	0
032.41	Potassium, ICP, Dry ash (%)	0674	0.7300	0.0000	0.7359	0.0303	0.0108	16	-0.20	0%	0
032.41	Potassium, ICP, Dry ash (%)	2114	0.7344	0.0077	0.7359	0.0303	0.0108	16	-0.05	0%	0
032.41	Potassium, ICP, Dry ash (%)	0066	0.7385	0.0290	0.7359	0.0303	0.0108	16	0.09	0%	0
032.41	Potassium, ICP, Dry ash (%)	0171	0.7450	0.0100	0.7359	0.0303	0.0108	16	0.30	1%	0
032.41	Potassium, ICP, Dry ash (%)	0226	0.7500	0.0200	0.7359	0.0303	0.0108	16	0.47	1%	0
032.41	Potassium, ICP, Dry ash (%)	0229	0.7500	0.0000	0.7359	0.0303	0.0108	16	0.47	1%	0
032.41	Potassium, ICP, Dry ash (%)	0598	0.7560	0.0028	0.7359	0.0303	0.0108	16	0.66	1%	0
032.41	Potassium, ICP, Dry ash (%)	0148	0.7600	0.0020	0.7359	0.0303	0.0108	16	0.80	2%	0
032.41	Potassium, ICP, Dry ash (%)	0098	0.7750	0.0100	0.7359	0.0303	0.0108	16	1.29	3%	0
032.41	Potassium, ICP, Dry ash (%)	0619	0.8995	0.0510	0.7359	0.0303	0.0108	16	5.40	11%	0
032.41	Potassium, ICP, Dry ash (%)	0019	0.6600	0.0800	0.7359	0.0303	0.0108	16	-2.51	5%	1
032.42	Potassium, ICP, Open vessel (%)	0504	0.6545	0.0890	0.7626	0.0562	0.0239	18	-1.92	7%	0
032.42	Potassium, ICP, Open vessel (%)	2129	0.6973	0.0055	0.7626	0.0562	0.0239	18	-1.16	4%	0
032.42	Potassium, ICP, Open vessel (%)	0047	0.7150	0.0100	0.7626	0.0562	0.0239	18	-0.85	3%	0
032.42	Potassium, ICP, Open vessel (%)	0263	0.7160	0.0060	0.7626	0.0562	0.0239	18	-0.83	3%	0
032.42	Potassium, ICP, Open vessel (%)	0045	0.7265	0.0890	0.7626	0.0562	0.0239	18	-0.64	2%	0
032.42	Potassium, ICP, Open vessel (%)	0294	0.7300	0.0000	0.7626	0.0562	0.0239	18	-0.58	2%	0
032.42	Potassium, ICP, Open vessel (%)	0278	0.7350	0.0300	0.7626	0.0562	0.0239	18	-0.49	2%	0
032.42	Potassium, ICP, Open vessel (%)	0692	0.7500	0.0600	0.7626	0.0562	0.0239	18	-0.22	1%	0
032.42	Potassium, ICP, Open vessel (%)	0186	0.7521	0.0117	0.7626	0.0562	0.0239	18	-0.19	1%	0
032.42	Potassium, ICP, Open vessel (%)	0037	0.7635	0.0210	0.7626	0.0562	0.0239	18	0.02	0%	0
032.42	Potassium, ICP, Open vessel (%)	0357	0.7739	0.0012	0.7626	0.0562	0.0239	18	0.20	1%	0
032.42	Potassium, ICP, Open vessel (%)	0042	0.7825	0.0210	0.7626	0.0562	0.0239	18	0.35	1%	0
032.42	Potassium, ICP, Open vessel (%)	0870	0.7829	0.0425	0.7626	0.0562	0.0239	18	0.36	1%	0
032.42	Potassium, ICP, Open vessel (%)	0693	0.7950	0.0100	0.7626	0.0562	0.0239	18	0.58	2%	0
032.42	Potassium, ICP, Open vessel (%)	0726	0.8050	0.0100	0.7626	0.0562	0.0239	18	0.75	3%	0
032.42	Potassium, ICP, Open vessel (%)	0190	0.8300	0.0000	0.7626	0.0562	0.0239	18	1.20	4%	0
032.42	Potassium, ICP, Open vessel (%)	0366	0.8650	0.0300	0.7626	0.0562	0.0239	18	1.82	7%	0
032.42	Potassium, ICP, Open vessel (%)	2375	0.9050	0.0100	0.7626	0.0562	0.0239	18	2.53	9%	0
032.42	Potassium, ICP, Open vessel (%)	0026	0.7215	0.2190	0.7626	0.0562	0.0239	18	-0.73	3%	1
032.43	Potassium, ICP, Microwave (%)	0089	0.5550	0.0100	0.7499	0.0325	0.0193	30	-6.00	13%	0
032.43	Potassium, ICP, Microwave (%)	0968	0.6775	0.0150	0.7499	0.0325	0.0193	30	-2.23	5%	0
032.43	Potassium, ICP, Microwave (%)	0226	0.6900	0.0000	0.7499	0.0325	0.0193	30	-1.84	4%	0
032.43	Potassium, ICP, Microwave (%)	0032	0.7045	0.0135	0.7499	0.0325	0.0193	30	-1.40	3%	0
032.43	Potassium, ICP, Microwave (%)	0083	0.7100	0.0200	0.7499	0.0325	0.0193	30	-1.23	3%	0
032.43	Potassium, ICP, Microwave (%)	0629	0.7250	0.0100	0.7499	0.0325	0.0193	30	-0.77	2%	0
032.43	Potassium, ICP, Microwave (%)	0010	0.7300	0.0200	0.7499	0.0325	0.0193	30	-0.61	1%	0
032.43	Potassium, ICP, Microwave (%)	0510	0.7350	0.0100	0.7499	0.0325	0.0193	30	-0.46	1%	0



Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
032.43	Potassium, ICP, Microwave (%)	2445	0.7350	0.0100	0.7499	0.0325	0.0193	30	-0.46	1%	0
032.43	Potassium, ICP, Microwave (%)	0918	0.7385	0.0050	0.7499	0.0325	0.0193	30	-0.35	1%	0
032.43	Potassium, ICP, Microwave (%)	0098	0.7450	0.0100	0.7499	0.0325	0.0193	30	-0.15	0%	0
032.43	Potassium, ICP, Microwave (%)	0202	0.7450	0.0300	0.7499	0.0325	0.0193	30	-0.15	0%	0
032.43	Potassium, ICP, Microwave (%)	0511	0.7450	0.0500	0.7499	0.0325	0.0193	30	-0.15	0%	0
032.43	Potassium, ICP, Microwave (%)	0610	0.7450	0.0100	0.7499	0.0325	0.0193	30	-0.15	0%	0
032.43	Potassium, ICP, Microwave (%)	0505	0.7500	0.0000	0.7499	0.0325	0.0193	30	0.00	0%	0
032.43	Potassium, ICP, Microwave (%)	2089	0.7500	0.0000	0.7499	0.0325	0.0193	30	0.00	0%	0
032.43	Potassium, ICP, Microwave (%)	2322	0.7535	0.0009	0.7499	0.0325	0.0193	30	0.11	0%	0
032.43	Potassium, ICP, Microwave (%)	0027	0.7561	0.0215	0.7499	0.0325	0.0193	30	0.19	0%	0
032.43	Potassium, ICP, Microwave (%)	0870	0.7579	0.0422	0.7499	0.0325	0.0193	30	0.25	1%	0
032.43	Potassium, ICP, Microwave (%)	0407	0.7602	0.0025	0.7499	0.0325	0.0193	30	0.32	1%	0
032.43	Potassium, ICP, Microwave (%)	0036	0.7604	0.0395	0.7499	0.0325	0.0193	30	0.32	1%	0
032.43	Potassium, ICP, Microwave (%)	0353	0.7650	0.0100	0.7499	0.0325	0.0193	30	0.47	1%	0
032.43	Potassium, ICP, Microwave (%)	0675	0.7650	0.0100	0.7499	0.0325	0.0193	30	0.47	1%	0
032.43	Potassium, ICP, Microwave (%)	0035	0.7800	0.0000	0.7499	0.0325	0.0193	30	0.93	2%	0
032.43	Potassium, ICP, Microwave (%)	0297	0.7800	0.0200	0.7499	0.0325	0.0193	30	0.93	2%	0
032.43	Potassium, ICP, Microwave (%)	0964	0.7870	0.0543	0.7499	0.0325	0.0193	30	1.14	2%	0
032.43	Potassium, ICP, Microwave (%)	0345	0.7870	0.0020	0.7499	0.0325	0.0193	30	1.14	2%	0
032.43	Potassium, ICP, Microwave (%)	0682	0.7900	0.0000	0.7499	0.0325	0.0193	30	1.24	3%	0
032.43	Potassium, ICP, Microwave (%)	0038	0.7945	0.0430	0.7499	0.0325	0.0193	30	1.37	3%	0
032.43	Potassium, ICP, Microwave (%)	2326	0.8700	0.0400	0.7499	0.0325	0.0193	30	3.70	8%	0
032.44	Potassium, ICP, Dry ash (%)	0164	0.7565	0.0270				1			0
032.52	Potassium, ICP-MS, Open vessel (%)	0154	0.6405	0.0068				3			0
032.52	Potassium, ICP-MS, Open vessel (%)	2319	0.7000	0.0340				3			0
032.52	Potassium, ICP-MS, Open vessel (%)	0186	0.7344	0.0103				3			0
032.53	Potassium, ICP-MS, Microwave (%)	0941	0.7050	0.0000	0.7397	0.0300	0.0110	4			0
032.53	Potassium, ICP-MS, Microwave (%)	0939	0.7350	0.0100	0.7397	0.0300	0.0110	4			0
032.53	Potassium, ICP-MS, Microwave (%)	0199	0.7405	0.0210	0.7397	0.0300	0.0110	4			0
032.53	Potassium, ICP-MS, Microwave (%)	0407	0.7782	0.0021	0.7397	0.0300	0.0110	4			0
032.99	Potassium, Miscellaneous (%)	0242	0.6800	0.0200	0.7350	0.0380	0.0230	5			0
032.99	Potassium, Miscellaneous (%)	0100	0.7200	0.0200	0.7350	0.0380	0.0230	5			0
032.99	Potassium, Miscellaneous (%)	0590	0.7350	0.0500	0.7350	0.0380	0.0230	5			0
032.99	Potassium, Miscellaneous (%)	0123	0.7650	0.0100	0.7350	0.0380	0.0230	5			0
032.99	Potassium, Miscellaneous (%)	0001	0.7752	0.0151	0.7350	0.0380	0.0230	5			0
033.00	Salt as chloride, Sol Cl (%)	2397	0.3350	0.0500	0.6849	0.1267	0.0237	19	-2.76	26%	0
033.00	Salt as chloride, Sol Cl (%)	0366	0.4550	0.0300	0.6849	0.1267	0.0237	19	-1.81	17%	0
033.00	Salt as chloride, Sol Cl (%)	0675	0.5100	0.0400	0.6849	0.1267	0.0237	19	-1.38	13%	0
033.00	Salt as chloride, Sol Cl (%)	2450	0.5750	0.0100	0.6849	0.1267	0.0237	19	-0.87	8%	0
033.00	Salt as chloride, Sol Cl (%)	2193	0.5850	0.0100	0.6849	0.1267	0.0237	19	-0.79	7%	0
033.00	Salt as chloride, Sol Cl (%)	0885	0.6266	0.0051	0.6849	0.1267	0.0237	19	-0.46	4%	0
033.00	Salt as chloride, Sol Cl (%)	2337	0.6500	0.0000	0.6849	0.1267	0.0237	19	-0.28	3%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
033.00	Salt as chloride, Sol Cl (%)	0674	0.6600	0.0000	0.6849	0.1267	0.0237	19	-0.20	2%	0
033.00	Salt as chloride, Sol Cl (%)	0511	0.7000	0.0600	0.6849	0.1267	0.0237	19	0.12	1%	0
033.00	Salt as chloride, Sol Cl (%)	2009	0.7018	0.0086	0.6849	0.1267	0.0237	19	0.13	1%	0
033.00	Salt as chloride, Sol Cl (%)	2196	0.7300	0.0000	0.6849	0.1267	0.0237	19	0.36	3%	0
033.00	Salt as chloride, Sol Cl (%)	0884	0.7450	0.0100	0.6849	0.1267	0.0237	19	0.47	4%	0
033.00	Salt as chloride, Sol Cl (%)	2022	0.7550	0.0100	0.6849	0.1267	0.0237	19	0.55	5%	0
033.00	Salt as chloride, Sol Cl (%)	0353	0.7750	0.0100	0.6849	0.1267	0.0237	19	0.71	7%	0
033.00	Salt as chloride, Sol Cl (%)	0539	0.7750	0.0500	0.6849	0.1267	0.0237	19	0.71	7%	0
033.00	Salt as chloride, Sol Cl (%)	2446	0.7780	0.0040	0.6849	0.1267	0.0237	19	0.74	7%	0
033.00	Salt as chloride, Sol Cl (%)	0693	0.7900	0.0400	0.6849	0.1267	0.0237	19	0.83	8%	0
033.00	Salt as chloride, Sol Cl (%)	0045	0.7915	0.0330	0.6849	0.1267	0.0237	19	0.84	8%	0
033.00	Salt as chloride, Sol Cl (%)	2453	1.108	0.0138	0.6849	0.1267	0.0237	19	3.34	31%	0
033.01	Salt as chloride, Poten Cl (%)	2109	0.6985	0.0030	0.7710	0.0205	0.0107	29	-3.53	5%	0
033.01	Salt as chloride, Poten Cl (%)	0229	0.7000	0.0000	0.7710	0.0205	0.0107	29	-3.46	5%	0
033.01	Salt as chloride, Poten Cl (%)	0619	0.7355	0.0070	0.7710	0.0205	0.0107	29	-1.73	2%	0
033.01	Salt as chloride, Poten Cl (%)	0354	0.7385	0.0050	0.7710	0.0205	0.0107	29	-1.58	2%	0
033.01	Salt as chloride, Poten Cl (%)	0278	0.7500	0.0000	0.7710	0.0205	0.0107	29	-1.02	1%	0
033.01	Salt as chloride, Poten Cl (%)	0098	0.7550	0.0100	0.7710	0.0205	0.0107	29	-0.78	1%	0
033.01	Salt as chloride, Poten Cl (%)	0083	0.7600	0.0000	0.7710	0.0205	0.0107	29	-0.53	1%	0
033.01	Salt as chloride, Poten Cl (%)	0148	0.7640	0.0020	0.7710	0.0205	0.0107	29	-0.34	0%	0
033.01	Salt as chloride, Poten Cl (%)	0001	0.7650	0.0100	0.7710	0.0205	0.0107	29	-0.29	0%	0
033.01	Salt as chloride, Poten Cl (%)	0028	0.7650	0.0100	0.7710	0.0205	0.0107	29	-0.29	0%	0
033.01	Salt as chloride, Poten Cl (%)	0226	0.7650	0.0100	0.7710	0.0205	0.0107	29	-0.29	0%	0
033.01	Salt as chloride, Poten Cl (%)	0596	0.7650	0.0100	0.7710	0.0205	0.0107	29	-0.29	0%	0
033.01	Salt as chloride, Poten Cl (%)	0199	0.7685	0.0030	0.7710	0.0205	0.0107	29	-0.12	0%	0
033.01	Salt as chloride, Poten Cl (%)	0100	0.7700	0.0200	0.7710	0.0205	0.0107	29	-0.05	0%	0
033.01	Salt as chloride, Poten Cl (%)	0590	0.7700	0.0200	0.7710	0.0205	0.0107	29	-0.05	0%	0
033.01	Salt as chloride, Poten Cl (%)	2375	0.7700	0.0000	0.7710	0.0205	0.0107	29	-0.05	0%	0
033.01	Salt as chloride, Poten Cl (%)	0004	0.7750	0.0100	0.7710	0.0205	0.0107	29	0.20	0%	0
033.01	Salt as chloride, Poten Cl (%)	0939	0.7750	0.0100	0.7710	0.0205	0.0107	29	0.20	0%	0
033.01	Salt as chloride, Poten Cl (%)	0948	0.7750	0.0100	0.7710	0.0205	0.0107	29	0.20	0%	0
033.01	Salt as chloride, Poten Cl (%)	0242	0.7800	0.0000	0.7710	0.0205	0.0107	29	0.44	1%	0
033.01	Salt as chloride, Poten Cl (%)	2146	0.7800	0.0000	0.7710	0.0205	0.0107	29	0.44	1%	0
033.01	Salt as chloride, Poten Cl (%)	0510	0.7850	0.0100	0.7710	0.0205	0.0107	29	0.68	1%	0
033.01	Salt as chloride, Poten Cl (%)	2190	0.7892	0.0269	0.7710	0.0205	0.0107	29	0.89	1%	0
033.01	Salt as chloride, Poten Cl (%)	0186	0.7900	0.0000	0.7710	0.0205	0.0107	29	0.93	1%	0
033.01	Salt as chloride, Poten Cl (%)	2319	0.7900	0.0000	0.7710	0.0205	0.0107	29	0.93	1%	0
033.01	Salt as chloride, Poten Cl (%)	0407	0.7940	0.0120	0.7710	0.0205	0.0107	29	1.12	1%	0
033.01	Salt as chloride, Poten Cl (%)	0026	0.7950	0.0300	0.7710	0.0205	0.0107	29	1.17	2%	0
033.01	Salt as chloride, Poten Cl (%)	0019	0.8000	0.0000	0.7710	0.0205	0.0107	29	1.42	2%	0
033.01	Salt as chloride, Poten Cl (%)	0682	0.8100	0.0000	0.7710	0.0205	0.0107	29	1.90	3%	0
033.01	Salt as chloride, Poten Cl (%)	0003	0.7500	0.1000	0.7710	0.0205	0.0107	29	-1.02	1%	1

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs			
033.03	Salt as chloride, Quantab (%)	0726	0.5500	0.0000	0.7100	0.1369		4		0	
033.03	Salt as chloride, Quantab (%)	0505	0.6600	0.0000	0.7100	0.1369		4		0	
033.03	Salt as chloride, Quantab (%)	0190	0.7600	0.0000	0.7100	0.1369		4		0	
033.03	Salt as chloride, Quantab (%)	0144	0.8700	0.0000	0.7100	0.1369		4		0	
033.05	Salt as chloride, Ion Sel Electrode (%)	0171	0.6600	0.0000				3		0	
033.05	Salt as chloride, Ion Sel Electrode (%)	0689	0.7500	0.0200				3		0	
033.05	Salt as chloride, Ion Sel Electrode (%)	2434	0.7746	0.0000				3		0	
033.05	Salt as chloride, Ion Sel Electrode (%)	0918	0.6900	0.1800				3		1	
033.99	Salt, Miscellaneous (%)	0300	0.6133	0.0551	0.7700	0.1245	0.0360	9	-1.26	10%	0
033.99	Salt, Miscellaneous (%)	0358	0.6150	0.0100	0.7700	0.1245	0.0360	9	-1.25	10%	0
033.99	Salt, Miscellaneous (%)	0910	0.7150	0.0300	0.7700	0.1245	0.0360	9	-0.44	4%	0
033.99	Salt, Miscellaneous (%)	2129	0.7849	0.0030	0.7700	0.1245	0.0360	9	0.12	1%	0
033.99	Salt, Miscellaneous (%)	2181	0.7850	0.0500	0.7700	0.1245	0.0360	9	0.12	1%	0
033.99	Salt, Miscellaneous (%)	2326	0.7950	0.0500	0.7700	0.1245	0.0360	9	0.20	2%	0
033.99	Salt, Miscellaneous (%)	0536	0.8100	0.0000	0.7700	0.1245	0.0360	9	0.32	3%	0
033.99	Salt, Miscellaneous (%)	2144	0.8550	0.0300	0.7700	0.1245	0.0360	9	0.68	6%	0
033.99	Salt, Miscellaneous (%)	0650	0.9600	0.0600	0.7700	0.1245	0.0360	9	1.53	12%	0
034.01	Selenium, Total (Se), Fluor (ppm)	0038	0.5100	0.1100				1			0
034.04	Selenium, Total (Se), AA, Hydride (ppm)	0045	0.3120	0.0040				2			0
034.04	Selenium, Total (Se), AA, Hydride (ppm)	0169	0.4150	0.0300				2			0
034.41	Selenium, Total (Se), ICP, Dry ash (ppm)	0148	0.3940	0.0080				2			0
034.41	Selenium, Total (Se), ICP, Dry ash (ppm)	0619	0.3950	0.1080				2			0
034.42	Selenium, Total (Se), ICP, Open vessel (ppm)	0692	0.9250	0.1300				1			0
034.43	Selenium, Total (Se), ICP, Microwave (ppm)	0066	0.2430	0.0160				2			0
034.43	Selenium, Total (Se), ICP, Microwave (ppm)	2114	0.4369	0.0130				2			0
034.43	Selenium, Total (Se), ICP, Microwave (ppm)	0629	< 1					2			5
034.43	Selenium, Total (Se), ICP, Microwave (ppm)	0682	< 5					2			5
034.52	Selenium, Total (Se), ICP-MS, Open vessel (ppm)	0910	0.4650	0.0100				1			0
034.53	Selenium, Total (Se), ICP-MS, Microwave (ppm)	0009	0.2965	0.0286	0.4873	0.1782	0.0547	8	-1.07	20%	0
034.53	Selenium, Total (Se), ICP-MS, Microwave (ppm)	0164	0.3235	0.0110	0.4873	0.1782	0.0547	8	-0.92	17%	0
034.53	Selenium, Total (Se), ICP-MS, Microwave (ppm)	0941	0.4200	0.0000	0.4873	0.1782	0.0547	8	-0.38	7%	0
034.53	Selenium, Total (Se), ICP-MS, Microwave (ppm)	0560	0.4213	0.0870	0.4873	0.1782	0.0547	8	-0.37	7%	0
034.53	Selenium, Total (Se), ICP-MS, Microwave (ppm)	0610	0.4700	0.0000	0.4873	0.1782	0.0547	8	-0.10	2%	0
034.53	Selenium, Total (Se), ICP-MS, Microwave (ppm)	0032	0.5875	0.0050	0.4873	0.1782	0.0547	8	0.56	10%	0
034.53	Selenium, Total (Se), ICP-MS, Microwave (ppm)	0939	0.6250	0.0500	0.4873	0.1782	0.0547	8	0.77	14%	0
034.53	Selenium, Total (Se), ICP-MS, Microwave (ppm)	0199	3.210	0.4370	0.4873	0.1782	0.0547	8	15.27	279%	0
034.53	Selenium, Total (Se), ICP-MS, Microwave (ppm)	0407	1.250	0.9371	0.4873	0.1782	0.0547	8	4.28	78%	1
034.99	Selenium, Total (Se), Miscellaneous (ppm)	0190	1.050	0.0000				1			0
035.01	Sodium, Ion-selective electrode (%)	2109	0.2570	0.0000				2			0
035.01	Sodium, Ion-selective electrode (%)	2434	0.2998	0.0000				2			0
035.02	Sodium, Em Spect (%)	0884	0.1850	0.0100				1			0
035.05	Sodium, Flame Emission (%)	0108	0.2200	0.0200				1			0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
035.31	Sodium, AAS, Dry ash (%)	0536	0.1800	0.0000	0.2392	0.0398	0.0091	10	-1.49	12%	0
035.31	Sodium, AAS, Dry ash (%)	0629	0.2100	0.0000	0.2392	0.0398	0.0091	10	-0.73	6%	0
035.31	Sodium, AAS, Dry ash (%)	0038	0.2115	0.0150	0.2392	0.0398	0.0091	10	-0.70	6%	0
035.31	Sodium, AAS, Dry ash (%)	0939	0.2300	0.0000	0.2392	0.0398	0.0091	10	-0.23	2%	0
035.31	Sodium, AAS, Dry ash (%)	0722	0.2363	0.0021	0.2392	0.0398	0.0091	10	-0.07	1%	0
035.31	Sodium, AAS, Dry ash (%)	2196	0.2400	0.0000	0.2392	0.0398	0.0091	10	0.02	0%	0
035.31	Sodium, AAS, Dry ash (%)	0529	0.2410	0.0080	0.2392	0.0398	0.0091	10	0.04	0%	0
035.31	Sodium, AAS, Dry ash (%)	0948	0.2645	0.0130	0.2392	0.0398	0.0091	10	0.63	5%	0
035.31	Sodium, AAS, Dry ash (%)	0656	0.2800	0.0000	0.2392	0.0398	0.0091	10	1.02	9%	0
035.31	Sodium, AAS, Dry ash (%)	0622	0.4861	0.0072	0.2392	0.0398	0.0091	10	6.20	52%	0
035.32	Sodium, AAS, Open vessel (%)	0169	0.2450	0.0100				1			0
035.41	Sodium, ICP, Dry ash (%)	0354	0.2160	0.0000	0.2415	0.0124	0.0090	18	-2.05	5%	0
035.41	Sodium, ICP, Dry ash (%)	0407	0.2193	0.0011	0.2415	0.0124	0.0090	18	-1.79	5%	0
035.41	Sodium, ICP, Dry ash (%)	0674	0.2300	0.0000	0.2415	0.0124	0.0090	18	-0.92	2%	0
035.41	Sodium, ICP, Dry ash (%)	0019	0.2350	0.0100	0.2415	0.0124	0.0090	18	-0.52	1%	0
035.41	Sodium, ICP, Dry ash (%)	0049	0.2350	0.0300	0.2415	0.0124	0.0090	18	-0.52	1%	0
035.41	Sodium, ICP, Dry ash (%)	0144	0.2350	0.0100	0.2415	0.0124	0.0090	18	-0.52	1%	0
035.41	Sodium, ICP, Dry ash (%)	0171	0.2350	0.0100	0.2415	0.0124	0.0090	18	-0.52	1%	0
035.41	Sodium, ICP, Dry ash (%)	0164	0.2380	0.0100	0.2415	0.0124	0.0090	18	-0.28	1%	0
035.41	Sodium, ICP, Dry ash (%)	0229	0.2400	0.0000	0.2415	0.0124	0.0090	18	-0.12	0%	0
035.41	Sodium, ICP, Dry ash (%)	2114	0.2433	0.0014	0.2415	0.0124	0.0090	18	0.15	0%	0
035.41	Sodium, ICP, Dry ash (%)	0148	0.2440	0.0040	0.2415	0.0124	0.0090	18	0.20	1%	0
035.41	Sodium, ICP, Dry ash (%)	0358	0.2450	0.0100	0.2415	0.0124	0.0090	18	0.28	1%	0
035.41	Sodium, ICP, Dry ash (%)	0066	0.2455	0.0110	0.2415	0.0124	0.0090	18	0.32	1%	0
035.41	Sodium, ICP, Dry ash (%)	0004	0.2500	0.0000	0.2415	0.0124	0.0090	18	0.69	2%	0
035.41	Sodium, ICP, Dry ash (%)	0098	0.2500	0.0000	0.2415	0.0124	0.0090	18	0.69	2%	0
035.41	Sodium, ICP, Dry ash (%)	0598	0.2549	0.0012	0.2415	0.0124	0.0090	18	1.08	3%	0
035.41	Sodium, ICP, Dry ash (%)	0226	0.2650	0.0100	0.2415	0.0124	0.0090	18	1.89	5%	0
035.41	Sodium, ICP, Dry ash (%)	0619	0.3160	0.0260	0.2415	0.0124	0.0090	18	6.00	15%	0
035.42	Sodium, ICP, Open vessel (%)	0294	0.2200	0.0000	0.2480	0.0186	0.0114	18	-1.50	6%	0
035.42	Sodium, ICP, Open vessel (%)	0504	0.2200	0.0200	0.2480	0.0186	0.0114	18	-1.50	6%	0
035.42	Sodium, ICP, Open vessel (%)	2129	0.2262	0.0040	0.2480	0.0186	0.0114	18	-1.17	4%	0
035.42	Sodium, ICP, Open vessel (%)	2319	0.2300	0.0120	0.2480	0.0186	0.0114	18	-0.96	4%	0
035.42	Sodium, ICP, Open vessel (%)	0870	0.2437	0.0148	0.2480	0.0186	0.0114	18	-0.23	1%	0
035.42	Sodium, ICP, Open vessel (%)	0693	0.2440	0.0020	0.2480	0.0186	0.0114	18	-0.21	1%	0
035.42	Sodium, ICP, Open vessel (%)	0278	0.2450	0.0100	0.2480	0.0186	0.0114	18	-0.16	1%	0
035.42	Sodium, ICP, Open vessel (%)	0045	0.2465	0.0090	0.2480	0.0186	0.0114	18	-0.08	0%	0
035.42	Sodium, ICP, Open vessel (%)	0357	0.2490	0.0017	0.2480	0.0186	0.0114	18	0.05	0%	0
035.42	Sodium, ICP, Open vessel (%)	0037	0.2490	0.0020	0.2480	0.0186	0.0114	18	0.05	0%	0
035.42	Sodium, ICP, Open vessel (%)	0263	0.2500	0.0000	0.2480	0.0186	0.0114	18	0.11	0%	0
035.42	Sodium, ICP, Open vessel (%)	0186	0.2508	0.0050	0.2480	0.0186	0.0114	18	0.15	1%	0
035.42	Sodium, ICP, Open vessel (%)	0692	0.2550	0.0300	0.2480	0.0186	0.0114	18	0.38	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
035.42	Sodium, ICP, Open vessel (%)	0366	0.2560	0.0260	0.2480	0.0186	0.0114	18	0.43	2%	0
035.42	Sodium, ICP, Open vessel (%)	0042	0.2565	0.0150	0.2480	0.0186	0.0114	18	0.46	2%	0
035.42	Sodium, ICP, Open vessel (%)	0190	0.2700	0.0000	0.2480	0.0186	0.0114	18	1.18	4%	0
035.42	Sodium, ICP, Open vessel (%)	0726	0.2800	0.0000	0.2480	0.0186	0.0114	18	1.72	6%	0
035.42	Sodium, ICP, Open vessel (%)	2375	0.2900	0.0000	0.2480	0.0186	0.0114	18	2.25	8%	0
035.43	Sodium, ICP, Microwave (%)	0629	0.2200	0.0000	0.2430	0.0124	0.0093	27	-1.85	5%	0
035.43	Sodium, ICP, Microwave (%)	0297	0.2300	0.0200	0.2430	0.0124	0.0093	27	-1.04	3%	0
035.43	Sodium, ICP, Microwave (%)	0511	0.2300	0.0200	0.2430	0.0124	0.0093	27	-1.04	3%	0
035.43	Sodium, ICP, Microwave (%)	0083	0.2300	0.0000	0.2430	0.0124	0.0093	27	-1.04	3%	0
035.43	Sodium, ICP, Microwave (%)	0089	0.2300	0.0000	0.2430	0.0124	0.0093	27	-1.04	3%	0
035.43	Sodium, ICP, Microwave (%)	0032	0.2303	0.0018	0.2430	0.0124	0.0093	27	-1.02	3%	0
035.43	Sodium, ICP, Microwave (%)	0027	0.2359	0.0098	0.2430	0.0124	0.0093	27	-0.57	1%	0
035.43	Sodium, ICP, Microwave (%)	0407	0.2377	0.0037	0.2430	0.0124	0.0093	27	-0.43	1%	0
035.43	Sodium, ICP, Microwave (%)	0918	0.2395	0.0010	0.2430	0.0124	0.0093	27	-0.28	1%	0
035.43	Sodium, ICP, Microwave (%)	0098	0.2400	0.0000	0.2430	0.0124	0.0093	27	-0.24	1%	0
035.43	Sodium, ICP, Microwave (%)	0226	0.2400	0.0000	0.2430	0.0124	0.0093	27	-0.24	1%	0
035.43	Sodium, ICP, Microwave (%)	0510	0.2400	0.0020	0.2430	0.0124	0.0093	27	-0.24	1%	0
035.43	Sodium, ICP, Microwave (%)	0610	0.2400	0.0000	0.2430	0.0124	0.0093	27	-0.24	1%	0
035.43	Sodium, ICP, Microwave (%)	0682	0.2400	0.0000	0.2430	0.0124	0.0093	27	-0.24	1%	0
035.43	Sodium, ICP, Microwave (%)	0968	0.2405	0.0010	0.2430	0.0124	0.0093	27	-0.20	1%	0
035.43	Sodium, ICP, Microwave (%)	0300	0.2413	0.0217	0.2430	0.0124	0.0093	27	-0.14	0%	0
035.43	Sodium, ICP, Microwave (%)	0870	0.2415	0.0115	0.2430	0.0124	0.0093	27	-0.12	0%	0
035.43	Sodium, ICP, Microwave (%)	0202	0.2450	0.0100	0.2430	0.0124	0.0093	27	0.16	0%	0
035.43	Sodium, ICP, Microwave (%)	0505	0.2450	0.0100	0.2430	0.0124	0.0093	27	0.16	0%	0
035.43	Sodium, ICP, Microwave (%)	0964	0.2519	0.0092	0.2430	0.0124	0.0093	27	0.72	2%	0
035.43	Sodium, ICP, Microwave (%)	0345	0.2535	0.0030	0.2430	0.0124	0.0093	27	0.85	2%	0
035.43	Sodium, ICP, Microwave (%)	0035	0.2550	0.0100	0.2430	0.0124	0.0093	27	0.97	2%	0
035.43	Sodium, ICP, Microwave (%)	0675	0.2550	0.0100	0.2430	0.0124	0.0093	27	0.97	2%	0
035.43	Sodium, ICP, Microwave (%)	2322	0.2594	0.0083	0.2430	0.0124	0.0093	27	1.32	3%	0
035.43	Sodium, ICP, Microwave (%)	0353	0.2661	0.0045	0.2430	0.0124	0.0093	27	1.85	5%	0
035.43	Sodium, ICP, Microwave (%)	2089	0.2700	0.0200	0.2430	0.0124	0.0093	27	2.17	6%	0
035.43	Sodium, ICP, Microwave (%)	2326	0.2850	0.0100	0.2430	0.0124	0.0093	27	3.38	9%	0
035.43	Sodium, ICP, Microwave (%)	0038	0.3100	0.0380	0.2430	0.0124	0.0093	27	5.39	14%	1
035.52	Sodium, ICP-MS, Open vessel (%)	0186	0.2308	0.0003				2			0
035.52	Sodium, ICP-MS, Open vessel (%)	0154	0.2336	0.0009				2			0
035.53	Sodium, ICP-MS, Microwave (%)	0941	0.2290	0.0000	0.2370	0.0087	0.0120	4			0
035.53	Sodium, ICP-MS, Microwave (%)	0939	0.2300	0.0200	0.2370	0.0087	0.0120	4			0
035.53	Sodium, ICP-MS, Microwave (%)	0199	0.2445	0.0030	0.2370	0.0087	0.0120	4			0
035.53	Sodium, ICP-MS, Microwave (%)	0407	0.2446	0.0130	0.2370	0.0087	0.0120	4			0
035.99	Sodium, Miscellaneous (%)	0242	0.2200	0.0000	0.2376	0.0145	0.0083	4			0
035.99	Sodium, Miscellaneous (%)	0100	0.2350	0.0100	0.2376	0.0145	0.0083	4			0
035.99	Sodium, Miscellaneous (%)	0590	0.2405	0.0050	0.2376	0.0145	0.0083	4			0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs			
035.99	Sodium, Miscellaneous (%)	0123	0.2550	0.0100	0.2376	0.0145	0.0083	4			0
036.00	Sulfur, Gravimetric (%)	0038	0.2470	0.0240				1			0
036.04	Sulfur, LECO (%)	0610	0.1900	0.0000	0.2324	0.0089	0.0159	6	-4.78	9%	0
036.04	Sulfur, LECO (%)	0226	0.2300	0.0200	0.2324	0.0089	0.0159	6	-0.28	1%	0
036.04	Sulfur, LECO (%)	0229	0.2300	0.0400	0.2324	0.0089	0.0159	6	-0.28	1%	0
036.04	Sulfur, LECO (%)	0148	0.2365	0.0010	0.2324	0.0089	0.0159	6	0.46	1%	0
036.04	Sulfur, LECO (%)	0948	0.2391	0.0023	0.2324	0.0089	0.0159	6	0.74	1%	0
036.04	Sulfur, LECO (%)	0001	0.2400	0.0160	0.2324	0.0089	0.0159	6	0.85	2%	0
036.42	Sulfur, ICP, Open vessel (%)	2129	0.0423	0.0371	0.2275	0.0194	0.0096	19	-9.56	41%	0
036.42	Sulfur, ICP, Open vessel (%)	0294	0.2000	0.0000	0.2275	0.0194	0.0096	19	-1.42	6%	0
036.42	Sulfur, ICP, Open vessel (%)	0692	0.2050	0.0300	0.2275	0.0194	0.0096	19	-1.16	5%	0
036.42	Sulfur, ICP, Open vessel (%)	0186	0.2085	0.0003	0.2275	0.0194	0.0096	19	-0.98	4%	0
036.42	Sulfur, ICP, Open vessel (%)	0045	0.2165	0.0110	0.2275	0.0194	0.0096	19	-0.57	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0042	0.2185	0.0010	0.2275	0.0194	0.0096	19	-0.47	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0164	0.2200	0.0000	0.2275	0.0194	0.0096	19	-0.39	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0693	0.2245	0.0190	0.2275	0.0194	0.0096	19	-0.16	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0407	0.2269	0.0033	0.2275	0.0194	0.0096	19	-0.03	0%	0
036.42	Sulfur, ICP, Open vessel (%)	0366	0.2300	0.0200	0.2275	0.0194	0.0096	19	0.13	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0870	0.2300	0.0018	0.2275	0.0194	0.0096	19	0.13	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0037	0.2345	0.0030	0.2275	0.0194	0.0096	19	0.36	2%	0
036.42	Sulfur, ICP, Open vessel (%)	2375	0.2350	0.0100	0.2275	0.0194	0.0096	19	0.39	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0708	0.2370	0.0020	0.2275	0.0194	0.0096	19	0.49	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0190	0.2400	0.0000	0.2275	0.0194	0.0096	19	0.64	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0726	0.2400	0.0000	0.2275	0.0194	0.0096	19	0.64	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0278	0.2450	0.0100	0.2275	0.0194	0.0096	19	0.90	4%	0
036.42	Sulfur, ICP, Open vessel (%)	0171	0.3400	0.0000	0.2275	0.0194	0.0096	19	5.80	25%	0
036.42	Sulfur, ICP, Open vessel (%)	0357	0.4523	0.0022	0.2275	0.0194	0.0096	19	11.60	49%	0
036.43	Sulfur, ICP, Microwave (%)	0083	0.2050	0.0100	0.2314	0.0125	0.0091	19	-2.11	6%	0
036.43	Sulfur, ICP, Microwave (%)	0032	0.2080	0.0004	0.2314	0.0125	0.0091	19	-1.87	5%	0
036.43	Sulfur, ICP, Microwave (%)	0297	0.2100	0.0000	0.2314	0.0125	0.0091	19	-1.71	5%	0
036.43	Sulfur, ICP, Microwave (%)	0202	0.2200	0.0200	0.2314	0.0125	0.0091	19	-0.91	2%	0
036.43	Sulfur, ICP, Microwave (%)	0098	0.2255	0.0049	0.2314	0.0125	0.0091	19	-0.48	1%	0
036.43	Sulfur, ICP, Microwave (%)	0035	0.2300	0.0000	0.2314	0.0125	0.0091	19	-0.11	0%	0
036.43	Sulfur, ICP, Microwave (%)	0510	0.2300	0.0000	0.2314	0.0125	0.0091	19	-0.11	0%	0
036.43	Sulfur, ICP, Microwave (%)	0682	0.2300	0.0000	0.2314	0.0125	0.0091	19	-0.11	0%	0
036.43	Sulfur, ICP, Microwave (%)	0407	0.2303	0.0004	0.2314	0.0125	0.0091	19	-0.09	0%	0
036.43	Sulfur, ICP, Microwave (%)	0870	0.2324	0.0102	0.2314	0.0125	0.0091	19	0.08	0%	0
036.43	Sulfur, ICP, Microwave (%)	0066	0.2325	0.0050	0.2314	0.0125	0.0091	19	0.09	0%	0
036.43	Sulfur, ICP, Microwave (%)	0505	0.2330	0.0080	0.2314	0.0125	0.0091	19	0.13	0%	0
036.43	Sulfur, ICP, Microwave (%)	2089	0.2350	0.0100	0.2314	0.0125	0.0091	19	0.29	1%	0
036.43	Sulfur, ICP, Microwave (%)	0345	0.2380	0.0020	0.2314	0.0125	0.0091	19	0.53	1%	0
036.43	Sulfur, ICP, Microwave (%)	0353	0.2400	0.0000	0.2314	0.0125	0.0091	19	0.69	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
036.43	Sulfur, ICP, Microwave (%)	0918	0.2420	0.0140	0.2314	0.0125	0.0091	19	0.85	2%	0
036.43	Sulfur, ICP, Microwave (%)	0038	0.2445	0.0130	0.2314	0.0125	0.0091	19	1.05	3%	0
036.43	Sulfur, ICP, Microwave (%)	0169	0.2450	0.0100	0.2314	0.0125	0.0091	19	1.09	3%	0
036.43	Sulfur, ICP, Microwave (%)	2326	0.2600	0.0200	0.2314	0.0125	0.0091	19	2.29	6%	0
036.52	Sulfur, ICP-MS, Open vessel (%)	0186	0.2087	0.0211				1			0
036.99	Sulfur, Miscellaneous (%)	0242	0.1800	0.0000				1			0
037.31	Zinc, AAS, Dry ash (ppm)	0536	149.0	1.400	159.9	8.425	1.340	10	-1.29	3%	0
037.31	Zinc, AAS, Dry ash (ppm)	0629	150.5	1.000	159.9	8.425	1.340	10	-1.11	3%	0
037.31	Zinc, AAS, Dry ash (ppm)	2196	154.5	0.0000	159.9	8.425	1.340	10	-0.64	2%	0
037.31	Zinc, AAS, Dry ash (ppm)	0939	154.5	1.000	159.9	8.425	1.340	10	-0.64	2%	0
037.31	Zinc, AAS, Dry ash (ppm)	0722	159.1	1.655	159.9	8.425	1.340	10	-0.09	0%	0
037.31	Zinc, AAS, Dry ash (ppm)	0689	161.8	1.900	159.9	8.425	1.340	10	0.23	1%	0
037.31	Zinc, AAS, Dry ash (ppm)	0622	165.9	0.8608	159.9	8.425	1.340	10	0.72	2%	0
037.31	Zinc, AAS, Dry ash (ppm)	0001	166.9	12.40	159.9	8.425	1.340	10	0.84	2%	0
037.31	Zinc, AAS, Dry ash (ppm)	0529	167.2	0.0000	159.9	8.425	1.340	10	0.87	2%	0
037.31	Zinc, AAS, Dry ash (ppm)	0651	169.3	0.5244	159.9	8.425	1.340	10	1.12	3%	0
037.31	Zinc, AAS, Dry ash (ppm)	0884	173.8	29.00	159.9	8.425	1.340	10	1.66	4%	1
037.31	Zinc, AAS, Dry ash (ppm)	0656	643.4	0.0000	159.9	8.425	1.340	10	57.40	151%	2
037.32	Zinc, AAS, Open vessel (ppm)	0038	173.5	3.000				1			0
037.33	Zinc, AAS, Microwave (ppm)	0010	159.5	1.100				2			0
037.33	Zinc, AAS, Microwave (ppm)	0948	177.0	2.470				2			0
037.34	Zinc, AAS, Dry ash (ppm)	2188	174.0	0.0000				1			0
037.41	Zinc, ICP, Dry ash (ppm)	0354	114.4	2.290	162.8	17.22	3.566	14	-2.81	15%	0
037.41	Zinc, ICP, Dry ash (ppm)	0848	142.2	0.9450	162.8	17.22	3.566	14	-1.20	6%	0
037.41	Zinc, ICP, Dry ash (ppm)	0049	143.4	0.1700	162.8	17.22	3.566	14	-1.13	6%	0
037.41	Zinc, ICP, Dry ash (ppm)	0358	152.6	0.7600	162.8	17.22	3.566	14	-0.60	3%	0
037.41	Zinc, ICP, Dry ash (ppm)	0098	157.4	5.400	162.8	17.22	3.566	14	-0.32	2%	0
037.41	Zinc, ICP, Dry ash (ppm)	0019	160.3	5.700	162.8	17.22	3.566	14	-0.15	1%	0
037.41	Zinc, ICP, Dry ash (ppm)	0674	164.2	0.0000	162.8	17.22	3.566	14	0.08	0%	0
037.41	Zinc, ICP, Dry ash (ppm)	0598	164.5	0.6107	162.8	17.22	3.566	14	0.10	1%	0
037.41	Zinc, ICP, Dry ash (ppm)	0171	167.6	6.200	162.8	17.22	3.566	14	0.28	1%	0
037.41	Zinc, ICP, Dry ash (ppm)	0407	171.1	1.049	162.8	17.22	3.566	14	0.48	3%	0
037.41	Zinc, ICP, Dry ash (ppm)	0229	174.7	6.100	162.8	17.22	3.566	14	0.69	4%	0
037.41	Zinc, ICP, Dry ash (ppm)	0226	175.3	0.0300	162.8	17.22	3.566	14	0.72	4%	0
037.41	Zinc, ICP, Dry ash (ppm)	0004	180.9	14.77	162.8	17.22	3.566	14	1.05	6%	0
037.41	Zinc, ICP, Dry ash (ppm)	0619	205.0	8.000	162.8	17.22	3.566	14	2.45	13%	0
037.41	Zinc, ICP, Dry ash (ppm)	0148	182.8	28.64	162.8	17.22	3.566	14	1.16	6%	1
037.42	Zinc, ICP, Open vessel (ppm)	0870	144.1	3.400	165.4	15.55	5.998	18	-1.37	6%	0
037.42	Zinc, ICP, Open vessel (ppm)	2129	148.4	2.500	165.4	15.55	5.998	18	-1.10	5%	0
037.42	Zinc, ICP, Open vessel (ppm)	0263	148.4	3.170	165.4	15.55	5.998	18	-1.10	5%	0
037.42	Zinc, ICP, Open vessel (ppm)	0186	149.1	0.5000	165.4	15.55	5.998	18	-1.05	5%	0
037.42	Zinc, ICP, Open vessel (ppm)	0045	155.5	13.00	165.4	15.55	5.998	18	-0.64	3%	0

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			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
037.42	Zinc, ICP, Open vessel (ppm)	0278	155.5	1.600	165.4	15.55	5.998	18	-0.64	3%	0
037.42	Zinc, ICP, Open vessel (ppm)	2319	157.5	3.000	165.4	15.55	5.998	18	-0.51	2%	0
037.42	Zinc, ICP, Open vessel (ppm)	0692	158.0	38.00	165.4	15.55	5.998	18	-0.48	2%	0
037.42	Zinc, ICP, Open vessel (ppm)	0294	159.8	3.630	165.4	15.55	5.998	18	-0.36	2%	0
037.42	Zinc, ICP, Open vessel (ppm)	0042	174.0	14.00	165.4	15.55	5.998	18	0.55	3%	0
037.42	Zinc, ICP, Open vessel (ppm)	0357	174.5	0.9660	165.4	15.55	5.998	18	0.58	3%	0
037.42	Zinc, ICP, Open vessel (ppm)	0190	174.7	0.2600	165.4	15.55	5.998	18	0.60	3%	0
037.42	Zinc, ICP, Open vessel (ppm)	0726	176.5	0.6000	165.4	15.55	5.998	18	0.71	3%	0
037.42	Zinc, ICP, Open vessel (ppm)	2375	176.5	5.000	165.4	15.55	5.998	18	0.71	3%	0
037.42	Zinc, ICP, Open vessel (ppm)	0693	177.7	9.110	165.4	15.55	5.998	18	0.79	4%	0
037.42	Zinc, ICP, Open vessel (ppm)	0366	178.5	1.000	165.4	15.55	5.998	18	0.84	4%	0
037.42	Zinc, ICP, Open vessel (ppm)	0504	184.5	17.00	165.4	15.55	5.998	18	1.23	6%	0
037.42	Zinc, ICP, Open vessel (ppm)	0037	184.8	14.10	165.4	15.55	5.998	18	1.24	6%	0
037.42	Zinc, ICP, Open vessel (ppm)	0026	139.8	52.14	165.4	15.55	5.998	18	-1.65	8%	1
037.43	Zinc, ICP, Microwave (ppm)	0968	138.4	0.2710	162.2	14.09	4.898	30	-1.69	7%	0
037.43	Zinc, ICP, Microwave (ppm)	0870	141.2	4.900	162.2	14.09	4.898	30	-1.49	6%	0
037.43	Zinc, ICP, Microwave (ppm)	0226	141.6	1.250	162.2	14.09	4.898	30	-1.46	6%	0
037.43	Zinc, ICP, Microwave (ppm)	2322	144.0	2.210	162.2	14.09	4.898	30	-1.29	6%	0
037.43	Zinc, ICP, Microwave (ppm)	0511	145.5	13.00	162.2	14.09	4.898	30	-1.18	5%	0
037.43	Zinc, ICP, Microwave (ppm)	0629	148.0	4.000	162.2	14.09	4.898	30	-1.01	4%	0
037.43	Zinc, ICP, Microwave (ppm)	0918	152.8	4.740	162.2	14.09	4.898	30	-0.67	3%	0
037.43	Zinc, ICP, Microwave (ppm)	0083	153.2	0.0300	162.2	14.09	4.898	30	-0.64	3%	0
037.43	Zinc, ICP, Microwave (ppm)	0027	153.5	17.00	162.2	14.09	4.898	30	-0.62	3%	0
037.43	Zinc, ICP, Microwave (ppm)	2445	157.1	11.50	162.2	14.09	4.898	30	-0.36	2%	0
037.43	Zinc, ICP, Microwave (ppm)	0964	160.0	0.0000	162.2	14.09	4.898	30	-0.15	1%	0
037.43	Zinc, ICP, Microwave (ppm)	0682	160.4	0.0000	162.2	14.09	4.898	30	-0.13	1%	0
037.43	Zinc, ICP, Microwave (ppm)	0202	160.5	7.000	162.2	14.09	4.898	30	-0.12	1%	0
037.43	Zinc, ICP, Microwave (ppm)	0297	161.0	12.00	162.2	14.09	4.898	30	-0.08	0%	0
037.43	Zinc, ICP, Microwave (ppm)	0510	162.5	1.000	162.2	14.09	4.898	30	0.02	0%	0
037.43	Zinc, ICP, Microwave (ppm)	2089	162.8	5.320	162.2	14.09	4.898	30	0.04	0%	0
037.43	Zinc, ICP, Microwave (ppm)	2326	166.0	12.00	162.2	14.09	4.898	30	0.27	1%	0
037.43	Zinc, ICP, Microwave (ppm)	0848	167.5	7.890	162.2	14.09	4.898	30	0.38	2%	0
037.43	Zinc, ICP, Microwave (ppm)	0035	167.5	3.000	162.2	14.09	4.898	30	0.38	2%	0
037.43	Zinc, ICP, Microwave (ppm)	0675	168.2	4.280	162.2	14.09	4.898	30	0.43	2%	0
037.43	Zinc, ICP, Microwave (ppm)	2192	169.5	1.000	162.2	14.09	4.898	30	0.52	2%	0
037.43	Zinc, ICP, Microwave (ppm)	0032	169.8	2.600	162.2	14.09	4.898	30	0.54	2%	0
037.43	Zinc, ICP, Microwave (ppm)	0098	170.0	0.5000	162.2	14.09	4.898	30	0.55	2%	0
037.43	Zinc, ICP, Microwave (ppm)	0610	170.5	3.000	162.2	14.09	4.898	30	0.59	3%	0
037.43	Zinc, ICP, Microwave (ppm)	0505	171.6	0.5000	162.2	14.09	4.898	30	0.67	3%	0
037.43	Zinc, ICP, Microwave (ppm)	0407	174.2	3.436	162.2	14.09	4.898	30	0.86	4%	0
037.43	Zinc, ICP, Microwave (ppm)	0169	178.0	2.000	162.2	14.09	4.898	30	1.12	5%	0
037.43	Zinc, ICP, Microwave (ppm)	0353	181.5	5.000	162.2	14.09	4.898	30	1.37	6%	0



Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
037.43	Zinc, ICP, Microwave (ppm)	0345	182.6	1.400	162.2	14.09	4.898	30	1.45	6%	0
037.43	Zinc, ICP, Microwave (ppm)	0038	195.5	21.00	162.2	14.09	4.898	30	2.37	10%	0
037.44	Zinc, ICP, Dry ash (ppm)	0066	126.4	4.680				3			0
037.44	Zinc, ICP, Dry ash (ppm)	2114	157.9	1.520				3			0
037.44	Zinc, ICP, Dry ash (ppm)	0164	160.5	3.000				3			0
037.52	Zinc, ICP-MS, Open vessel (ppm)	0047	125.5	3.840				2			0
037.52	Zinc, ICP-MS, Open vessel (ppm)	0186	151.8	12.20				2			0
037.53	Zinc, ICP-MS, Microwave (ppm)	0941	151.0	0.0000	155.2	2.924	5.282	4			0
037.53	Zinc, ICP-MS, Microwave (ppm)	0939	156.0	8.000	155.2	2.924	5.282	4			0
037.53	Zinc, ICP-MS, Microwave (ppm)	0199	156.2	2.020	155.2	2.924	5.282	4			0
037.53	Zinc, ICP-MS, Microwave (ppm)	0407	157.7	5.826	155.2	2.924	5.282	4			0
037.99	Zinc, Miscellaneous (ppm)	0242	137.0	2.000	156.3	15.92	3.500	4			0
037.99	Zinc, Miscellaneous (ppm)	0123	156.0	6.000	156.3	15.92	3.500	4			0
037.99	Zinc, Miscellaneous (ppm)	0590	156.0	4.000	156.3	15.92	3.500	4			0
037.99	Zinc, Miscellaneous (ppm)	0100	176.0	2.000	156.3	15.92	3.500	4			0
038.41	Molybdenum, ICP, Dry ash (ppm)	0407	1.280	0.0350				3			0
038.41	Molybdenum, ICP, Dry ash (ppm)	0226	1.410	0.1000				3			0
038.41	Molybdenum, ICP, Dry ash (ppm)	0148	1.515	0.0500				3			0
038.42	Molybdenum, ICP, Open vessel (ppm)	0045	1.135	0.0700	1.407	0.2569	0.3540	5			0
038.42	Molybdenum, ICP, Open vessel (ppm)	0693	1.255	0.0500	1.407	0.2569	0.3540	5			0
038.42	Molybdenum, ICP, Open vessel (ppm)	0278	1.345	0.0500	1.407	0.2569	0.3540	5			0
038.42	Molybdenum, ICP, Open vessel (ppm)	0692	1.500	1.000	1.407	0.2569	0.3540	5			0
038.42	Molybdenum, ICP, Open vessel (ppm)	0366	1.800	0.6000	1.407	0.2569	0.3540	5			0
038.43	Molybdenum, ICP, Microwave (ppm)	0353	1.005	0.0100	1.276	0.2049	0.0726	11	-1.32	11%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0038	1.025	0.0500	1.276	0.2049	0.0726	11	-1.23	10%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0297	1.050	0.3000	1.276	0.2049	0.0726	11	-1.10	9%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0083	1.210	0.0400	1.276	0.2049	0.0726	11	-0.32	3%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0510	1.300	0.0000	1.276	0.2049	0.0726	11	0.12	1%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0964	1.325	0.0300	1.276	0.2049	0.0726	11	0.24	2%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0202	1.345	0.3700	1.276	0.2049	0.0726	11	0.34	3%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0407	1.355	0.0019	1.276	0.2049	0.0726	11	0.38	3%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0629	1.435	0.0300	1.276	0.2049	0.0726	11	0.78	6%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0032	1.494	0.1310	1.276	0.2049	0.0726	11	1.06	9%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0169	1.495	0.0100	1.276	0.2049	0.0726	11	1.07	9%	0
038.52	Molybdenum, ICP-MS, Open vessel (ppm)	0186	1.058	0.0290				2			0
038.52	Molybdenum, ICP-MS, Open vessel (ppm)	0910	1.160	0.0400				2			0
038.53	Molybdenum, ICP-MS, Microwave (ppm)	0164	1.275	0.0100				2			0
038.53	Molybdenum, ICP-MS, Microwave (ppm)	0407	1.373	0.1128				2			0
040.43	Barium, ICP, Microwave (ppm)	0032	12.32	0.2500				1			0
040.53	Barium, ICP-MS, Microwave (ppm)	0407	11.93	0.5008				1			0
041.53	Vanadium, ICP-MS, Microwave (ppm)	0407	0.2449	0.0272				1			0
042.00	Chloride, Titrimetric (%)	0226	0.4600	0.0000	0.4750	0.0123	0.0200	4			0

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			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs			
042.00	Chloride, Titrimetric (%)	0948	0.4700	0.0000	0.4750	0.0123	0.0200	4		0	
042.00	Chloride, Titrimetric (%)	0629	0.4850	0.0100	0.4750	0.0123	0.0200	4		0	
042.00	Chloride, Titrimetric (%)	2326	0.4850	0.0300	0.4750	0.0123	0.0200	4		0	
042.01	Chloride, Ion-selective electrode (%)	2434	0.4694	0.0000				1		0	
042.99	Chloride, Miscellaneous (%)	0297	0.4900	0.0200				1		0	
101.99	Choline Chloride, Miscellaneous (ppm)	0227	2,185	30.00				1		0	
102.01	Niacin, Microbiological (ppm)	0227	97.90	6.200				1		0	
102.02	Niacin, LC (ppm)	0010	3.650	0.3000				1		0	
103.01	Pantothenic Acid, Microbiological (ppm)	0227	34.70	1.600				1		0	
103.02	Pantothenic Acid, LC (ppm)	0010	32.25	0.5000				1		0	
104.00	Riboflavin, Fluorometric (ppm)	0227	9.655	0.6900				1		0	
104.03	Riboflavin, LC (ppm)	0010	11.15	2.900				1		0	
105.00	Thiamine, LC (ppm)	0010	7.400	0.2000				1		0	
105.01	Thiamine, Fluorometer (ppm)	0227	10.04	0.4800				1		0	
106.00	Vitamin A, Color (KU / kg)	0227	5,080	420.0				1		0	
106.01	Vitamin A, UV (KU / kg)	0098	5.545	5.610				1		0	
106.02	Vitamin A, LC (KU / kg)	0619	4.960	0.5200	6.474	1.163	0.7313	5		0	
106.02	Vitamin A, LC (KU / kg)	0148	6.062	0.7050	6.474	1.163	0.7313	5		0	
106.02	Vitamin A, LC (KU / kg)	0689	6.400	0.2000	6.474	1.163	0.7313	5		0	
106.02	Vitamin A, LC (KU / kg)	0004	6.790	1.500	6.474	1.163	0.7313	5		0	
106.02	Vitamin A, LC (KU / kg)	0682	8.159	0.0000	6.474	1.163	0.7313	5		0	
106.02	Vitamin A, LC (KU / kg)	2319	10.79	5.820	6.474	1.163	0.7313	5		1	
106.99	Vitamin A, Miscellaneous (KU / kg)	0160	3.575	0.4700				1		0	
107.00	Vitamin B12, Microbiological (ppb)	0227	16.25	2.900				1		0	
108.02	Vitamin D3, LC (KU / kg)	0619	1.815	0.8700				3		0	
108.02	Vitamin D3, LC (KU / kg)	0227	2.025	1.270				3		0	
108.02	Vitamin D3, LC (KU / kg)	2319	5.705	2.190				3		0	
109.02	Vitamin E, LC (IU / kg)	0619	47.50	1.000	68.13	10.18	1.432	7	-2.03	15%	0
109.02	Vitamin E, LC (IU / kg)	0676	64.14	0.9000	68.13	10.18	1.432	7	-0.39	3%	0
109.02	Vitamin E, LC (IU / kg)	0098	64.65	14.70	68.13	10.18	1.432	7	-0.34	3%	0
109.02	Vitamin E, LC (IU / kg)	2319	68.95	1.900	68.13	10.18	1.432	7	0.08	1%	0
109.02	Vitamin E, LC (IU / kg)	0227	71.35	1.300	68.13	10.18	1.432	7	0.32	2%	0
109.02	Vitamin E, LC (IU / kg)	2188	73.20	0.0000	68.13	10.18	1.432	7	0.50	4%	0
109.02	Vitamin E, LC (IU / kg)	0199	81.76	0.8800	68.13	10.18	1.432	7	1.34	10%	0
109.02	Vitamin E, LC (IU / kg)	0148	96.25	40.50	68.13	10.18	1.432	7	2.76	21%	1
111.00	Vitamin C, Phosphorylated, LC (ppm)	0227	< 4.4					0		5	
112.01	Pyridoxine, LC (µg / g)	0010	2.850	0.1000				2		0	
112.01	Pyridoxine, LC (µg / g)	0227	7.055	0.3900				2		0	
113.01	Folic Acid, Micro (ppm)	0227	1.900	0.0600				1		0	
114.99	Biotin, Miscellaneous (ppm)	0010	0.1745	0.0070				2		0	
114.99	Biotin, Miscellaneous (ppm)	0227	0.3215	0.0050				2		0	
115.00	Non Protein N (NPN), Urea + Am, Urease meth	0407	0.1200	0.0200				2		0	

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115.00	Non Protein N (NPN), Urea + Am, Urease meth	0098	0.3300	0.0400				2			0
115.99	Non Protein N (NPN), Miscellaneous (%)	2129	0.5634	0.0604				1			0
120.00	Alanine, Post-col Ninhydrin Der (%)	0675	0.7800	0.0200	0.8514	0.0331	0.0134	18	-2.15	4%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0968	0.8050	0.0100	0.8514	0.0331	0.0134	18	-1.40	3%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0171	0.8150	0.0300	0.8514	0.0331	0.0134	18	-1.10	2%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0354	0.8190	0.0180	0.8514	0.0331	0.0134	18	-0.98	2%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0226	0.8263	0.0017	0.8514	0.0331	0.0134	18	-0.76	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0353	0.8300	0.0200	0.8514	0.0331	0.0134	18	-0.64	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0872	0.8465	0.0010	0.8514	0.0331	0.0134	18	-0.15	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0571	0.8485	0.0030	0.8514	0.0331	0.0134	18	-0.09	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	2059	0.8505	0.0010	0.8514	0.0331	0.0134	18	-0.03	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0504	0.8550	0.0100	0.8514	0.0331	0.0134	18	0.11	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0682	0.8690	0.0000	0.8514	0.0331	0.0134	18	0.53	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0652	0.8700	0.0200	0.8514	0.0331	0.0134	18	0.56	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0859	0.8720	0.0182	0.8514	0.0331	0.0134	18	0.62	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0644	0.8725	0.0030	0.8514	0.0331	0.0134	18	0.64	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0684	0.8800	0.0000	0.8514	0.0331	0.0134	18	0.86	2%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0941	0.8830	0.0000	0.8514	0.0331	0.0134	18	0.96	2%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0939	0.8900	0.0000	0.8514	0.0331	0.0134	18	1.17	2%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0619	0.8905	0.0410	0.8514	0.0331	0.0134	18	1.18	2%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0918	0.9410	0.1840	0.8514	0.0331	0.0134	18	2.71	5%	1
120.02	Alanine, Post-col OPA Der (%)	0098	0.8445	0.0050				1			0
120.05	Alanine, Pre-col AQC Der (%)	0407	0.7445	0.0090	0.8423	0.0293	0.0110	10	-3.34	6%	0
120.05	Alanine, Pre-col AQC Der (%)	0148	0.8190	0.0180	0.8423	0.0293	0.0110	10	-0.79	1%	0
120.05	Alanine, Pre-col AQC Der (%)	0610	0.8200	0.0200	0.8423	0.0293	0.0110	10	-0.76	1%	0
120.05	Alanine, Pre-col AQC Der (%)	2246	0.8263	0.0098	0.8423	0.0293	0.0110	10	-0.55	1%	0
120.05	Alanine, Pre-col AQC Der (%)	0626	0.8480	0.0040	0.8423	0.0293	0.0110	10	0.19	0%	0
120.05	Alanine, Pre-col AQC Der (%)	2196	0.8500	0.0000	0.8423	0.0293	0.0110	10	0.26	0%	0
120.05	Alanine, Pre-col AQC Der (%)	2319	0.8570	0.0020	0.8423	0.0293	0.0110	10	0.50	1%	0
120.05	Alanine, Pre-col AQC Der (%)	0870	0.8580	0.0140	0.8423	0.0293	0.0110	10	0.54	1%	0
120.05	Alanine, Pre-col AQC Der (%)	0242	0.8600	0.0000	0.8423	0.0293	0.0110	10	0.60	1%	0
120.05	Alanine, Pre-col AQC Der (%)	2188	0.9020	0.0000	0.8423	0.0293	0.0110	10	2.04	4%	0
120.05	Alanine, Pre-col AQC Der (%)	0676	0.9050	0.0500	0.8423	0.0293	0.0110	10	2.14	4%	1
120.99	Alanine, Miscellaneous (%)	0889	0.8000	0.0000				3			0
120.99	Alanine, Miscellaneous (%)	0656	0.8400	0.0000				3			0
120.99	Alanine, Miscellaneous (%)	0227	0.8600	0.0000				3			0
121.00	Arginine, Post-col Ninhydrin Der (%)	0675	0.8200	0.0200	0.9323	0.0445	0.0175	18	-2.52	6%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0968	0.8700	0.0000	0.9323	0.0445	0.0175	18	-1.40	3%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0353	0.8800	0.0200	0.9323	0.0445	0.0175	18	-1.17	3%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0354	0.8910	0.0200	0.9323	0.0445	0.0175	18	-0.93	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0939	0.8950	0.0100	0.9323	0.0445	0.0175	18	-0.84	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0644	0.9275	0.0110	0.9323	0.0445	0.0175	18	-0.11	0%	0

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121.00	Arginine, Post-col Ninhydrin Der (%)	0872	0.9330	0.0080	0.9323	0.0445	0.0175	18	0.02	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0171	0.9350	0.0100	0.9323	0.0445	0.0175	18	0.06	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0504	0.9350	0.0300	0.9323	0.0445	0.0175	18	0.06	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0682	0.9350	0.0000	0.9323	0.0445	0.0175	18	0.06	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0684	0.9400	0.0400	0.9323	0.0445	0.0175	18	0.17	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	2059	0.9420	0.0060	0.9323	0.0445	0.0175	18	0.22	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0652	0.9450	0.0500	0.9323	0.0445	0.0175	18	0.29	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0226	0.9562	0.0188	0.9323	0.0445	0.0175	18	0.54	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0571	0.9575	0.0050	0.9323	0.0445	0.0175	18	0.57	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0619	0.9865	0.0150	0.9323	0.0445	0.0175	18	1.22	3%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0859	0.9877	0.0218	0.9323	0.0445	0.0175	18	1.25	3%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0941	1.003	0.0000	0.9323	0.0445	0.0175	18	1.59	4%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0918	1.010	0.2000	0.9323	0.0445	0.0175	18	1.75	4%	1
121.02	Arginine, Post-col OPA Der (%)	0098	0.9025	0.0270				1			0
121.05	Arginine, Pre-col AQC Der (%)	2246	0.0260	0.0280	0.9238	0.1147	0.0169	10	-7.83	49%	0
121.05	Arginine, Pre-col AQC Der (%)	0407	0.8040	0.0060	0.9238	0.1147	0.0169	10	-1.04	6%	0
121.05	Arginine, Pre-col AQC Der (%)	0870	0.8540	0.0220	0.9238	0.1147	0.0169	10	-0.61	4%	0
121.05	Arginine, Pre-col AQC Der (%)	0610	0.9250	0.0100	0.9238	0.1147	0.0169	10	0.01	0%	0
121.05	Arginine, Pre-col AQC Der (%)	0626	0.9290	0.0220	0.9238	0.1147	0.0169	10	0.05	0%	0
121.05	Arginine, Pre-col AQC Der (%)	2196	0.9290	0.0000	0.9238	0.1147	0.0169	10	0.05	0%	0
121.05	Arginine, Pre-col AQC Der (%)	0242	0.9300	0.0000	0.9238	0.1147	0.0169	10	0.05	0%	0
121.05	Arginine, Pre-col AQC Der (%)	2319	0.9900	0.0200	0.9238	0.1147	0.0169	10	0.58	4%	0
121.05	Arginine, Pre-col AQC Der (%)	2188	1.050	0.0000	0.9238	0.1147	0.0169	10	1.10	7%	0
121.05	Arginine, Pre-col AQC Der (%)	0676	1.075	0.0100	0.9238	0.1147	0.0169	10	1.32	8%	0
121.05	Arginine, Pre-col AQC Der (%)	0148	1.021	0.0790	0.9238	0.1147	0.0169	10	0.84	5%	1
121.99	Arginine, Miscellaneous (%)	0889	0.8850	0.0300				3			0
121.99	Arginine, Miscellaneous (%)	0227	0.9200	0.0200				3			0
121.99	Arginine, Miscellaneous (%)	0656	0.9600	0.0000				3			0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0675	1.065	0.0700	1.221	0.0400	0.0203	18	-3.89	6%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0968	1.150	0.0200	1.221	0.0400	0.0203	18	-1.77	3%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0354	1.179	0.0240	1.221	0.0400	0.0203	18	-1.04	2%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0652	1.200	0.0200	1.221	0.0400	0.0203	18	-0.52	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0644	1.206	0.0070	1.221	0.0400	0.0203	18	-0.38	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0682	1.206	0.0000	1.221	0.0400	0.0203	18	-0.37	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0171	1.210	0.0200	1.221	0.0400	0.0203	18	-0.27	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0571	1.212	0.0090	1.221	0.0400	0.0203	18	-0.23	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0504	1.215	0.0300	1.221	0.0400	0.0203	18	-0.14	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	2059	1.218	0.0090	1.221	0.0400	0.0203	18	-0.08	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0859	1.225	0.0230	1.221	0.0400	0.0203	18	0.12	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0872	1.226	0.0110	1.221	0.0400	0.0203	18	0.12	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0939	1.230	0.0200	1.221	0.0400	0.0203	18	0.23	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0353	1.245	0.0500	1.221	0.0400	0.0203	18	0.61	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
122.00	Aspartic, Post-col Ninhydrin Der (%)	0684	1.250	0.0000	1.221	0.0400	0.0203	18	0.73	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0941	1.272	0.0000	1.221	0.0400	0.0203	18	1.28	2%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0226	1.278	0.0019	1.221	0.0400	0.0203	18	1.43	2%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0619	1.305	0.0300	1.221	0.0400	0.0203	18	2.11	3%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0918	1.345	0.2700	1.221	0.0400	0.0203	18	3.11	5%	1
122.02	Aspartic, Post-col OPA Der (%)	0098	1.226	0.0130				1			0
122.05	Aspartic, Pre-col AQC Der (%)	0407	1.050	0.0120	1.205	0.0337	0.0221	10	-4.60	6%	0
122.05	Aspartic, Pre-col AQC Der (%)	0610	1.175	0.0300	1.205	0.0337	0.0221	10	-0.90	1%	0
122.05	Aspartic, Pre-col AQC Der (%)	0148	1.190	0.0200	1.205	0.0337	0.0221	10	-0.45	1%	0
122.05	Aspartic, Pre-col AQC Der (%)	0626	1.193	0.0140	1.205	0.0337	0.0221	10	-0.36	1%	0
122.05	Aspartic, Pre-col AQC Der (%)	2246	1.195	0.0284	1.205	0.0337	0.0221	10	-0.32	0%	0
122.05	Aspartic, Pre-col AQC Der (%)	2196	1.212	0.0000	1.205	0.0337	0.0221	10	0.20	0%	0
122.05	Aspartic, Pre-col AQC Der (%)	2319	1.220	0.0000	1.205	0.0337	0.0221	10	0.44	1%	0
122.05	Aspartic, Pre-col AQC Der (%)	2188	1.223	0.0000	1.205	0.0337	0.0221	10	0.52	1%	0
122.05	Aspartic, Pre-col AQC Der (%)	0242	1.235	0.0300	1.205	0.0337	0.0221	10	0.88	1%	0
122.05	Aspartic, Pre-col AQC Der (%)	0870	1.379	0.0200	1.205	0.0337	0.0221	10	5.15	7%	0
122.05	Aspartic, Pre-col AQC Der (%)	0676	1.340	0.1200	1.205	0.0337	0.0221	10	3.99	6%	1
122.99	Aspartic, Miscellaneous (%)	0656	1.180	0.0000				3			0
122.99	Aspartic, Miscellaneous (%)	0227	1.225	0.0100				3			0
122.99	Aspartic, Miscellaneous (%)	0889	1.250	0.0400				3			0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0682	0.2080	0.0000	0.2854	0.0136	0.0064	19	-5.71	14%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0652	0.2600	0.0000	0.2854	0.0136	0.0064	19	-1.87	4%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0160	0.2700	0.0000	0.2854	0.0136	0.0064	19	-1.14	3%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0644	0.2770	0.0000	0.2854	0.0136	0.0064	19	-0.62	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0859	0.2775	0.0045	0.2854	0.0136	0.0064	19	-0.59	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0684	0.2800	0.0200	0.2854	0.0136	0.0064	19	-0.40	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0939	0.2800	0.0000	0.2854	0.0136	0.0064	19	-0.40	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0226	0.2830	0.0015	0.2854	0.0136	0.0064	19	-0.18	0%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	2059	0.2835	0.0010	0.2854	0.0136	0.0064	19	-0.14	0%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0941	0.2840	0.0000	0.2854	0.0136	0.0064	19	-0.11	0%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0353	0.2850	0.0100	0.2854	0.0136	0.0064	19	-0.03	0%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0571	0.2855	0.0030	0.2854	0.0136	0.0064	19	0.00	0%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0354	0.2920	0.0040	0.2854	0.0136	0.0064	19	0.48	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0872	0.2930	0.0020	0.2854	0.0136	0.0064	19	0.56	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0675	0.2950	0.0100	0.2854	0.0136	0.0064	19	0.70	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0171	0.3000	0.0200	0.2854	0.0136	0.0064	19	1.07	3%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0968	0.3000	0.0000	0.2854	0.0136	0.0064	19	1.07	3%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0619	0.3020	0.0020	0.2854	0.0136	0.0064	19	1.22	3%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0504	0.3100	0.0000	0.2854	0.0136	0.0064	19	1.81	4%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0918	0.3100	0.0800	0.2854	0.0136	0.0064	19	1.81	4%	1
124.02	Cysteine/Cystine, PAO Post-col OPA Der (%)	0098	0.2915	0.0010				1			0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	2246	0.2268	0.0015	0.2735	0.0220	0.0096	9	-2.13	9%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0407	0.2553	0.0121	0.2735	0.0220	0.0096	9	-0.83	3%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	2319	0.2620	0.0060	0.2735	0.0220	0.0096	9	-0.52	2%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0676	0.2650	0.0100	0.2735	0.0220	0.0096	9	-0.39	2%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	2196	0.2770	0.0000	0.2735	0.0220	0.0096	9	0.16	1%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0242	0.2800	0.0000	0.2735	0.0220	0.0096	9	0.29	1%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0870	0.2880	0.0140	0.2735	0.0220	0.0096	9	0.66	3%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0626	0.2940	0.0140	0.2735	0.0220	0.0096	9	0.93	4%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0610	0.3000	0.0000	0.2735	0.0220	0.0096	9	1.20	5%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0148	0.2290	0.0480	0.2735	0.0220	0.0096	9	-2.02	8%	1
124.99	Cysteine/Cystine, Miscellaneous (%)	0889	0.2250	0.0100	0.2784	0.0520	0.0133	4			0
124.99	Cysteine/Cystine, Miscellaneous (%)	0227	0.2600	0.0000	0.2784	0.0520	0.0133	4			0
124.99	Cysteine/Cystine, Miscellaneous (%)	0656	0.2800	0.0000	0.2784	0.0520	0.0133	4			0
124.99	Cysteine/Cystine, Miscellaneous (%)	2246	0.3485	0.0165	0.2784	0.0520	0.0133	4			0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0675	2.440	0.2200	2.791	0.1137	0.0378	18	-3.09	6%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0968	2.580	0.0200	2.791	0.1137	0.0378	18	-1.86	4%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0872	2.691	0.0020	2.791	0.1137	0.0378	18	-0.88	2%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0171	2.710	0.0600	2.791	0.1137	0.0378	18	-0.72	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0571	2.723	0.0090	2.791	0.1137	0.0378	18	-0.61	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	2059	2.741	0.0160	2.791	0.1137	0.0378	18	-0.44	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0644	2.746	0.0070	2.791	0.1137	0.0378	18	-0.40	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0652	2.785	0.0300	2.791	0.1137	0.0378	18	-0.06	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0353	2.790	0.0200	2.791	0.1137	0.0378	18	-0.01	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0504	2.795	0.0100	2.791	0.1137	0.0378	18	0.03	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0859	2.796	0.0641	2.791	0.1137	0.0378	18	0.04	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0684	2.810	0.0400	2.791	0.1137	0.0378	18	0.16	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0939	2.855	0.0300	2.791	0.1137	0.0378	18	0.56	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0619	2.860	0.1200	2.791	0.1137	0.0378	18	0.60	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0941	2.870	0.0000	2.791	0.1137	0.0378	18	0.69	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0682	2.908	0.0000	2.791	0.1137	0.0378	18	1.03	2%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0226	3.020	0.0177	2.791	0.1137	0.0378	18	2.01	4%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0918	3.125	0.5900	2.791	0.1137	0.0378	18	2.94	6%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0354	1.679	1.929	2.791	0.1137	0.0378	18	-9.79	20%	1
125.02	Glutamic, Post-col OPA Der (%)	0098	2.770	0.0110				1			0
125.05	Glutamic, Pre-col AQC Der (%)	0407	2.472	0.0480	2.801	0.2332	0.0397	10	-1.41	6%	0
125.05	Glutamic, Pre-col AQC Der (%)	2196	2.665	0.0000	2.801	0.2332	0.0397	10	-0.58	2%	0
125.05	Glutamic, Pre-col AQC Der (%)	2319	2.665	0.0100	2.801	0.2332	0.0397	10	-0.58	2%	0
125.05	Glutamic, Pre-col AQC Der (%)	0626	2.687	0.0350	2.801	0.2332	0.0397	10	-0.49	2%	0
125.05	Glutamic, Pre-col AQC Der (%)	0242	2.740	0.0200	2.801	0.2332	0.0397	10	-0.26	1%	0
125.05	Glutamic, Pre-col AQC Der (%)	0610	2.760	0.0600	2.801	0.2332	0.0397	10	-0.18	1%	0
125.05	Glutamic, Pre-col AQC Der (%)	2188	2.839	0.0000	2.801	0.2332	0.0397	10	0.16	1%	0
125.05	Glutamic, Pre-col AQC Der (%)	2246	2.997	0.0140	2.801	0.2332	0.0397	10	0.84	3%	0
125.05	Glutamic, Pre-col AQC Der (%)	0676	3.035	0.1500	2.801	0.2332	0.0397	10	1.00	4%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
125.05	Glutamic, Pre-col AQC Der (%)	0870	3.211	0.0490	2.801	0.2332	0.0397	10	1.76	7%	0
125.05	Glutamic, Pre-col AQC Der (%)	0148	3.185	0.3300	2.801	0.2332	0.0397	10	1.65	7%	1
125.99	Glutamic, Miscellaneous (%)	0889	2.745	0.0300				3			0
125.99	Glutamic, Miscellaneous (%)	0227	2.765	0.0100				3			0
125.99	Glutamic, Miscellaneous (%)	0656	2.770	0.0000				3			0
126.00	Glycine, Post-col Ninhydrin Der (%)	0682	0.5970	0.0000	0.6920	0.0332	0.0151	18	-2.86	7%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0675	0.6150	0.0300	0.6920	0.0332	0.0151	18	-2.32	6%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0968	0.6550	0.0100	0.6920	0.0332	0.0151	18	-1.11	3%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0354	0.6660	0.0120	0.6920	0.0332	0.0151	18	-0.78	2%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0353	0.6700	0.0200	0.6920	0.0332	0.0151	18	-0.66	2%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0652	0.6750	0.0100	0.6920	0.0332	0.0151	18	-0.51	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0171	0.6800	0.0200	0.6920	0.0332	0.0151	18	-0.36	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0571	0.6930	0.0080	0.6920	0.0332	0.0151	18	0.03	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0872	0.6950	0.0020	0.6920	0.0332	0.0151	18	0.09	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	2059	0.6955	0.0010	0.6920	0.0332	0.0151	18	0.11	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0504	0.7000	0.0000	0.6920	0.0332	0.0151	18	0.24	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0226	0.7061	0.0112	0.6920	0.0332	0.0151	18	0.43	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0644	0.7100	0.0040	0.6920	0.0332	0.0151	18	0.54	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0939	0.7100	0.0200	0.6920	0.0332	0.0151	18	0.54	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0684	0.7200	0.0400	0.6920	0.0332	0.0151	18	0.84	2%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0941	0.7260	0.0000	0.6920	0.0332	0.0151	18	1.02	2%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0619	0.7280	0.0280	0.6920	0.0332	0.0151	18	1.08	3%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0859	0.9141	0.0185	0.6920	0.0332	0.0151	18	6.69	16%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0918	0.7700	0.1400	0.6920	0.0332	0.0151	18	2.35	6%	1
126.02	Glycine, Post-col OPA Der (%)	0098	0.6920	0.0060				1			0
126.05	Glycine, Pre-col AQC Der (%)	0407	0.6100	0.0040	0.7328	0.0819	0.0228	11	-1.50	8%	0
126.05	Glycine, Pre-col AQC Der (%)	0676	0.6400	0.0400	0.7328	0.0819	0.0228	11	-1.13	6%	0
126.05	Glycine, Pre-col AQC Der (%)	0870	0.6910	0.0360	0.7328	0.0819	0.0228	11	-0.51	3%	0
126.05	Glycine, Pre-col AQC Der (%)	0610	0.7000	0.0200	0.7328	0.0819	0.0228	11	-0.40	2%	0
126.05	Glycine, Pre-col AQC Der (%)	0242	0.7150	0.0100	0.7328	0.0819	0.0228	11	-0.22	1%	0
126.05	Glycine, Pre-col AQC Der (%)	2196	0.7380	0.0000	0.7328	0.0819	0.0228	11	0.06	0%	0
126.05	Glycine, Pre-col AQC Der (%)	0148	0.7555	0.0610	0.7328	0.0819	0.0228	11	0.28	2%	0
126.05	Glycine, Pre-col AQC Der (%)	2246	0.7622	0.0176	0.7328	0.0819	0.0228	11	0.36	2%	0
126.05	Glycine, Pre-col AQC Der (%)	0626	0.7770	0.0180	0.7328	0.0819	0.0228	11	0.54	3%	0
126.05	Glycine, Pre-col AQC Der (%)	2319	0.8165	0.0110	0.7328	0.0819	0.0228	11	1.02	6%	0
126.05	Glycine, Pre-col AQC Der (%)	2188	0.8610	0.0000	0.7328	0.0819	0.0228	11	1.57	9%	0
126.99	Glycine, Miscellaneous (%)	0889	0.3800	0.0000				3			0
126.99	Glycine, Miscellaneous (%)	0656	0.6400	0.0000				3			0
126.99	Glycine, Miscellaneous (%)	0227	0.7100	0.0000				3			0
127.00	Histidine, Post-col Ninhydrin Der (%)	0353	0.3550	0.0100	0.4028	0.0233	0.0101	18	-2.05	6%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0354	0.3740	0.0140	0.4028	0.0233	0.0101	18	-1.23	4%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0171	0.3800	0.0200	0.4028	0.0233	0.0101	18	-0.98	3%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
127.00	Histidine, Post-col Ninhydrin Der (%)	0968	0.3800	0.0000	0.4028	0.0233	0.0101	18	-0.98	3%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0226	0.3860	0.0005	0.4028	0.0233	0.0101	18	-0.72	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0682	0.3900	0.0000	0.4028	0.0233	0.0101	18	-0.55	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0859	0.3981	0.0086	0.4028	0.0233	0.0101	18	-0.20	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	2059	0.4010	0.0040	0.4028	0.0233	0.0101	18	-0.08	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0571	0.4020	0.0040	0.4028	0.0233	0.0101	18	-0.03	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0644	0.4030	0.0040	0.4028	0.0233	0.0101	18	0.01	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0684	0.4050	0.0100	0.4028	0.0233	0.0101	18	0.09	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0939	0.4100	0.0200	0.4028	0.0233	0.0101	18	0.31	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0872	0.4115	0.0010	0.4028	0.0233	0.0101	18	0.37	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0504	0.4200	0.0000	0.4028	0.0233	0.0101	18	0.74	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0941	0.4240	0.0000	0.4028	0.0233	0.0101	18	0.91	3%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0652	0.4250	0.0100	0.4028	0.0233	0.0101	18	0.95	3%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0918	0.4350	0.0500	0.4028	0.0233	0.0101	18	1.38	4%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0619	0.4795	0.0130	0.4028	0.0233	0.0101	18	3.29	10%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0675	0.3400	0.0800	0.4028	0.0233	0.0101	18	-2.69	8%	1
127.02	Histidine, Post-col OPA Der (%)	0098	0.3805	0.0050				1			0
127.05	Histidine, Pre-col AQC Der (%)	0407	0.3355	0.0010	0.4057	0.0445	0.0134	11	-1.58	9%	0
127.05	Histidine, Pre-col AQC Der (%)	2188	0.3600	0.0000	0.4057	0.0445	0.0134	11	-1.03	6%	0
127.05	Histidine, Pre-col AQC Der (%)	2319	0.3885	0.0090	0.4057	0.0445	0.0134	11	-0.39	2%	0
127.05	Histidine, Pre-col AQC Der (%)	0870	0.3935	0.0150	0.4057	0.0445	0.0134	11	-0.27	1%	0
127.05	Histidine, Pre-col AQC Der (%)	0610	0.3950	0.0100	0.4057	0.0445	0.0134	11	-0.24	1%	0
127.05	Histidine, Pre-col AQC Der (%)	2196	0.3960	0.0000	0.4057	0.0445	0.0134	11	-0.22	1%	0
127.05	Histidine, Pre-col AQC Der (%)	0626	0.4015	0.0130	0.4057	0.0445	0.0134	11	-0.09	1%	0
127.05	Histidine, Pre-col AQC Der (%)	0242	0.4250	0.0100	0.4057	0.0445	0.0134	11	0.43	2%	0
127.05	Histidine, Pre-col AQC Der (%)	0148	0.4365	0.0250	0.4057	0.0445	0.0134	11	0.69	4%	0
127.05	Histidine, Pre-col AQC Der (%)	0676	0.4550	0.0100	0.4057	0.0445	0.0134	11	1.11	6%	0
127.05	Histidine, Pre-col AQC Der (%)	2246	0.4963	0.0357	0.4057	0.0445	0.0134	11	2.03	11%	0
127.99	Histidine, Miscellaneous (%)	0889	0.3800	0.0000				3			0
127.99	Histidine, Miscellaneous (%)	0656	0.4000	0.0000				3			0
127.99	Histidine, Miscellaneous (%)	0227	0.4100	0.0000				3			0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0353	0.4350	0.0300	0.5397	0.0423	0.0149	18	-2.48	10%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0968	0.4900	0.0000	0.5397	0.0423	0.0149	18	-1.17	5%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0675	0.4950	0.0300	0.5397	0.0423	0.0149	18	-1.06	4%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0171	0.5000	0.0200	0.5397	0.0423	0.0149	18	-0.94	4%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0354	0.5085	0.0230	0.5397	0.0423	0.0149	18	-0.74	3%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0684	0.5200	0.0200	0.5397	0.0423	0.0149	18	-0.46	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0939	0.5250	0.0100	0.5397	0.0423	0.0149	18	-0.35	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0644	0.5355	0.0110	0.5397	0.0423	0.0149	18	-0.10	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0872	0.5410	0.0120	0.5397	0.0423	0.0149	18	0.03	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0859	0.5418	0.0127	0.5397	0.0423	0.0149	18	0.05	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0652	0.5450	0.0100	0.5397	0.0423	0.0149	18	0.13	0%	0



Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0571	0.5520	0.0040	0.5397	0.0423	0.0149	18	0.29	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	2059	0.5545	0.0050	0.5397	0.0423	0.0149	18	0.35	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0226	0.5668	0.0183	0.5397	0.0423	0.0149	18	0.64	3%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0941	0.5740	0.0000	0.5397	0.0423	0.0149	18	0.81	3%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0682	0.5890	0.0000	0.5397	0.0423	0.0149	18	1.17	5%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0619	0.5995	0.0030	0.5397	0.0423	0.0149	18	1.42	6%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0504	0.6000	0.0000	0.5397	0.0423	0.0149	18	1.43	6%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0918	0.5900	0.1000	0.5397	0.0423	0.0149	18	1.19	5%	1
128.02	Isoleucine, Post-col OPA Der (%)	0098	0.5185	0.0070				1			0
128.05	Isoleucine, Pre-col AQC Der (%)	2319	0.4780	0.0240	0.5673	0.0587	0.0163	11	-1.52	8%	0
128.05	Isoleucine, Pre-col AQC Der (%)	0407	0.4945	0.0010	0.5673	0.0587	0.0163	11	-1.24	6%	0
128.05	Isoleucine, Pre-col AQC Der (%)	0610	0.5400	0.0200	0.5673	0.0587	0.0163	11	-0.46	2%	0
128.05	Isoleucine, Pre-col AQC Der (%)	0148	0.5510	0.0120	0.5673	0.0587	0.0163	11	-0.28	1%	0
128.05	Isoleucine, Pre-col AQC Der (%)	2246	0.5649	0.0260	0.5673	0.0587	0.0163	11	-0.04	0%	0
128.05	Isoleucine, Pre-col AQC Der (%)	0676	0.5650	0.0100	0.5673	0.0587	0.0163	11	-0.04	0%	0
128.05	Isoleucine, Pre-col AQC Der (%)	0870	0.5820	0.0200	0.5673	0.0587	0.0163	11	0.25	1%	0
128.05	Isoleucine, Pre-col AQC Der (%)	0626	0.5875	0.0150	0.5673	0.0587	0.0163	11	0.34	2%	0
128.05	Isoleucine, Pre-col AQC Der (%)	2196	0.5890	0.0000	0.5673	0.0587	0.0163	11	0.37	2%	0
128.05	Isoleucine, Pre-col AQC Der (%)	0242	0.6400	0.0000	0.5673	0.0587	0.0163	11	1.24	6%	0
128.05	Isoleucine, Pre-col AQC Der (%)	2188	0.6470	0.0000	0.5673	0.0587	0.0163	11	1.36	7%	0
128.99	Isoleucine, Miscellaneous (%)	0889	0.5375	0.0150				3			0
128.99	Isoleucine, Miscellaneous (%)	0227	0.5500	0.0000				3			0
128.99	Isoleucine, Miscellaneous (%)	0656	0.5800	0.0000				3			0
129.00	Leucine, Post-col Ninhydrin Der (%)	0675	1.070	0.2000	1.280	0.0479	0.0169	19	-4.38	8%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0353	1.185	0.0100	1.280	0.0479	0.0169	19	-1.98	4%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0171	1.220	0.0000	1.280	0.0479	0.0169	19	-1.25	2%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0968	1.220	0.0200	1.280	0.0479	0.0169	19	-1.25	2%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0939	1.255	0.0100	1.280	0.0479	0.0169	19	-0.52	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0652	1.265	0.0100	1.280	0.0479	0.0169	19	-0.31	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0684	1.280	0.0200	1.280	0.0479	0.0169	19	0.00	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0682	1.285	0.0000	1.280	0.0479	0.0169	19	0.11	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	2059	1.286	0.0140	1.280	0.0479	0.0169	19	0.13	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0872	1.289	0.0040	1.280	0.0479	0.0169	19	0.19	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0354	1.291	0.1390	1.280	0.0479	0.0169	19	0.22	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	2443	1.292	0.0305	1.280	0.0479	0.0169	19	0.25	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0571	1.293	0.0100	1.280	0.0479	0.0169	19	0.27	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0644	1.295	0.0090	1.280	0.0479	0.0169	19	0.31	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0859	1.299	0.0281	1.280	0.0479	0.0169	19	0.41	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0504	1.305	0.0100	1.280	0.0479	0.0169	19	0.52	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0226	1.328	0.0068	1.280	0.0479	0.0169	19	1.00	2%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0941	1.349	0.0000	1.280	0.0479	0.0169	19	1.44	3%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0619	1.350	0.0200	1.280	0.0479	0.0169	19	1.46	3%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
129.00	Leucine, Post-col Ninhydrin Der (%)	0918	1.430	0.2600	1.280	0.0479	0.0169	19	3.13	6%	1
129.02	Leucine, Post-col OPA Der (%)	0098	1.247	0.0020				1			0
129.05	Leucine, Pre-col AQC Der (%)	0407	1.118	0.0060	1.303	0.0710	0.0300	11	-2.60	7%	0
129.05	Leucine, Pre-col AQC Der (%)	2319	1.230	0.0200	1.303	0.0710	0.0300	11	-1.02	3%	0
129.05	Leucine, Pre-col AQC Der (%)	2196	1.234	0.0000	1.303	0.0710	0.0300	11	-0.97	3%	0
129.05	Leucine, Pre-col AQC Der (%)	0610	1.280	0.0200	1.303	0.0710	0.0300	11	-0.32	1%	0
129.05	Leucine, Pre-col AQC Der (%)	2188	1.291	0.0000	1.303	0.0710	0.0300	11	-0.17	0%	0
129.05	Leucine, Pre-col AQC Der (%)	0148	1.315	0.0500	1.303	0.0710	0.0300	11	0.17	0%	0
129.05	Leucine, Pre-col AQC Der (%)	0242	1.335	0.0100	1.303	0.0710	0.0300	11	0.45	1%	0
129.05	Leucine, Pre-col AQC Der (%)	0676	1.340	0.0200	1.303	0.0710	0.0300	11	0.53	1%	0
129.05	Leucine, Pre-col AQC Der (%)	0626	1.342	0.0130	1.303	0.0710	0.0300	11	0.55	1%	0
129.05	Leucine, Pre-col AQC Der (%)	2246	1.382	0.0603	1.303	0.0710	0.0300	11	1.11	3%	0
129.05	Leucine, Pre-col AQC Der (%)	0870	1.386	0.0710	1.303	0.0710	0.0300	11	1.17	3%	0
129.99	Leucine, Miscellaneous (%)	0889	0.9200	0.0300				3			0
129.99	Leucine, Miscellaneous (%)	0227	1.305	0.0100				3			0
129.99	Leucine, Miscellaneous (%)	0656	1.310	0.0000				3			0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0848	0.6700	0.0000	0.8567	0.0461	0.0169	21	-4.05	11%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0675	0.7400	0.1000	0.8567	0.0461	0.0169	21	-2.53	7%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0353	0.7900	0.0200	0.8567	0.0461	0.0169	21	-1.45	4%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0354	0.8255	0.0270	0.8567	0.0461	0.0169	21	-0.68	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0968	0.8350	0.0300	0.8567	0.0461	0.0169	21	-0.47	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0872	0.8420	0.0120	0.8567	0.0461	0.0169	21	-0.32	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0652	0.8450	0.0100	0.8567	0.0461	0.0169	21	-0.25	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0684	0.8450	0.0300	0.8567	0.0461	0.0169	21	-0.25	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0939	0.8450	0.0100	0.8567	0.0461	0.0169	21	-0.25	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	2325	0.8500	0.0200	0.8567	0.0461	0.0169	21	-0.15	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0571	0.8515	0.0130	0.8567	0.0461	0.0169	21	-0.11	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0644	0.8535	0.0090	0.8567	0.0461	0.0169	21	-0.07	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	2059	0.8580	0.0080	0.8567	0.0461	0.0169	21	0.03	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0859	0.8583	0.0185	0.8567	0.0461	0.0169	21	0.03	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0226	0.8701	0.0066	0.8567	0.0461	0.0169	21	0.29	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0504	0.8850	0.0100	0.8567	0.0461	0.0169	21	0.61	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0171	0.9000	0.0400	0.8567	0.0461	0.0169	21	0.94	3%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0619	0.9095	0.0090	0.8567	0.0461	0.0169	21	1.14	3%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0941	0.9100	0.0000	0.8567	0.0461	0.0169	21	1.16	3%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0682	0.9170	0.0000	0.8567	0.0461	0.0169	21	1.31	4%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	2322	1.212	0.0020	0.8567	0.0461	0.0169	21	7.70	21%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0918	0.8900	0.1400	0.8567	0.0461	0.0169	21	0.72	2%	1
130.02	L-Lysine, Post-col OPA Der (%)	0098	0.8705	0.0150				1			0
130.05	L-Lysine, Pre-col AQC Der (%)	0148	0.7290	0.0340	0.8432	0.0817	0.0233	11	-1.40	7%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0407	0.7520	0.0060	0.8432	0.0817	0.0233	11	-1.12	5%	0
130.05	L-Lysine, Pre-col AQC Der (%)	2188	0.7810	0.0000	0.8432	0.0817	0.0233	11	-0.76	4%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
130.05	L-Lysine, Pre-col AQC Der (%)	2246	0.8112	0.0377	0.8432	0.0817	0.0233	11	-0.39	2%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0610	0.8300	0.0200	0.8432	0.0817	0.0233	11	-0.16	1%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0626	0.8355	0.0090	0.8432	0.0817	0.0233	11	-0.09	0%	0
130.05	L-Lysine, Pre-col AQC Der (%)	2196	0.8570	0.0000	0.8432	0.0817	0.0233	11	0.17	1%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0242	0.8950	0.0300	0.8432	0.0817	0.0233	11	0.63	3%	0
130.05	L-Lysine, Pre-col AQC Der (%)	2319	0.9135	0.0170	0.8432	0.0817	0.0233	11	0.86	4%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0676	0.9200	0.0800	0.8432	0.0817	0.0233	11	0.94	5%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0870	0.9515	0.0070	0.8432	0.0817	0.0233	11	1.32	6%	0
130.99	L-Lysine, Miscellaneous (%)	2246	0.7182	0.0173				3			0
130.99	L-Lysine, Miscellaneous (%)	0656	0.8400	0.0000				3			0
130.99	L-Lysine, Miscellaneous (%)	0227	0.8500	0.0000				3			0
130.99	L-Lysine, Miscellaneous (%)	0889	0.9350	0.0700				3			1
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0682	0.2250	0.0000	0.2436	0.0085	0.0057	18	-2.19	4%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0684	0.2300	0.0000	0.2436	0.0085	0.0057	18	-1.60	3%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0160	0.2350	0.0100	0.2436	0.0085	0.0057	18	-1.01	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0652	0.2350	0.0100	0.2436	0.0085	0.0057	18	-1.01	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0939	0.2400	0.0000	0.2436	0.0085	0.0057	18	-0.42	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0968	0.2400	0.0000	0.2436	0.0085	0.0057	18	-0.42	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0354	0.2415	0.0010	0.2436	0.0085	0.0057	18	-0.24	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0226	0.2420	0.0092	0.2436	0.0085	0.0057	18	-0.19	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0859	0.2429	0.0069	0.2436	0.0085	0.0057	18	-0.09	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0504	0.2450	0.0100	0.2436	0.0085	0.0057	18	0.17	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0571	0.2450	0.0020	0.2436	0.0085	0.0057	18	0.17	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	2059	0.2455	0.0010	0.2436	0.0085	0.0057	18	0.23	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0171	0.2500	0.0000	0.2436	0.0085	0.0057	18	0.76	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0644	0.2500	0.0020	0.2436	0.0085	0.0057	18	0.76	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0941	0.2500	0.0000	0.2436	0.0085	0.0057	18	0.76	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0872	0.2510	0.0040	0.2436	0.0085	0.0057	18	0.88	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0619	0.2535	0.0070	0.2436	0.0085	0.0057	18	1.17	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0675	0.3000	0.0000	0.2436	0.0085	0.0057	18	6.65	12%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0353	0.3500	0.0200	0.2436	0.0085	0.0057	18	12.55	22%	1
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0918	< 0.01		0.2436	0.0085	0.0057	18			5
131.02	Methionine, PAO Post-col OPA Der (%)	0098	0.2365	0.0090				1			0
131.05	Methionine, PAO Pre-col AQC Der (%)	2246	0.2178	0.0139	0.2422	0.0238	0.0082	9	-1.03	5%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	0610	0.2250	0.0100	0.2422	0.0238	0.0082	9	-0.72	4%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	0626	0.2275	0.0110	0.2422	0.0238	0.0082	9	-0.62	3%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	0242	0.2300	0.0000	0.2422	0.0238	0.0082	9	-0.51	3%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	0407	0.2322	0.0000	0.2422	0.0238	0.0082	9	-0.42	2%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	2319	0.2435	0.0030	0.2422	0.0238	0.0082	9	0.05	0%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	0676	0.2600	0.0000	0.2422	0.0238	0.0082	9	0.75	4%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	2196	0.2660	0.0000	0.2422	0.0238	0.0082	9	1.00	5%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	0870	0.2835	0.0030	0.2422	0.0238	0.0082	9	1.74	9%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
131.05	Methionine, PAO Pre-col AQC Der (%)	0148	0.2245	0.0410	0.2422	0.0238	0.0082	9	-0.74	4%	1
131.99	Methionine, Miscellaneous (%)	2246	0.1907	0.0241	0.2527	0.0508	0.0147	4			0
131.99	Methionine, Miscellaneous (%)	0656	0.2500	0.0000	0.2527	0.0508	0.0147	4			0
131.99	Methionine, Miscellaneous (%)	0227	0.2550	0.0100	0.2527	0.0508	0.0147	4			0
131.99	Methionine, Miscellaneous (%)	0889	0.3150	0.0100	0.2527	0.0508	0.0147	4			0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0171	0.6450	0.0300	0.6895	0.0233	0.0194	18	-1.91	3%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0968	0.6450	0.0100	0.6895	0.0233	0.0194	18	-1.91	3%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0675	0.6500	0.0200	0.6895	0.0233	0.0194	18	-1.69	3%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0353	0.6650	0.0100	0.6895	0.0233	0.0194	18	-1.05	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0652	0.6800	0.0400	0.6895	0.0233	0.0194	18	-0.41	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	2059	0.6860	0.0060	0.6895	0.0233	0.0194	18	-0.15	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0872	0.6895	0.0050	0.6895	0.0233	0.0194	18	0.00	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0684	0.6900	0.0400	0.6895	0.0233	0.0194	18	0.02	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0571	0.6925	0.0110	0.6895	0.0233	0.0194	18	0.13	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0644	0.6940	0.0040	0.6895	0.0233	0.0194	18	0.19	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0504	0.6950	0.0100	0.6895	0.0233	0.0194	18	0.23	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0226	0.6993	0.0109	0.6895	0.0233	0.0194	18	0.42	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0619	0.7000	0.0380	0.6895	0.0233	0.0194	18	0.45	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0859	0.7019	0.0123	0.6895	0.0233	0.0194	18	0.53	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0939	0.7100	0.0000	0.6895	0.0233	0.0194	18	0.88	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0354	0.7110	0.0700	0.6895	0.0233	0.0194	18	0.92	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0682	0.7140	0.0000	0.6895	0.0233	0.0194	18	1.05	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0941	0.7200	0.0000	0.6895	0.0233	0.0194	18	1.30	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0918	0.7600	0.1200	0.6895	0.0233	0.0194	18	3.02	5%	1
132.02	Phenylalanine, Post-col OPA Der (%)	0098	0.6655	0.0010				1			0
132.05	Phenylalanine, Pre-col AQC Der (%)	0407	0.5565	0.0090	0.7196	0.0738	0.0231	11	-2.21	11%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	2196	0.6640	0.0000	0.7196	0.0738	0.0231	11	-0.75	4%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	0610	0.6700	0.0200	0.7196	0.0738	0.0231	11	-0.67	3%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	0242	0.6900	0.0200	0.7196	0.0738	0.0231	11	-0.40	2%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	0626	0.6980	0.0140	0.7196	0.0738	0.0231	11	-0.29	1%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	2319	0.6995	0.0150	0.7196	0.0738	0.0231	11	-0.27	1%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	0870	0.7340	0.0440	0.7196	0.0738	0.0231	11	0.20	1%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	0148	0.7405	0.0670	0.7196	0.0738	0.0231	11	0.28	1%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	2188	0.7850	0.0000	0.7196	0.0738	0.0231	11	0.89	5%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	0676	0.7950	0.0300	0.7196	0.0738	0.0231	11	1.02	5%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	2246	0.8854	0.0082	0.7196	0.0738	0.0231	11	2.25	12%	0
132.99	Phenylalanine, Miscellaneous (%)	0889	0.6750	0.0100				3			0
132.99	Phenylalanine, Miscellaneous (%)	0227	0.6950	0.0100				3			0
132.99	Phenylalanine, Miscellaneous (%)	0656	0.7300	0.0000				3			0
133.00	Proline, Post-col Ninhydrin Der (%)	0859	0.8930	0.0200	1.001	0.0648	0.0199	18	-1.67	5%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0353	0.9050	0.0900	1.001	0.0648	0.0199	18	-1.49	5%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0675	0.9450	0.0100	1.001	0.0648	0.0199	18	-0.87	3%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
133.00	Proline, Post-col Ninhydrin Der (%)	0872	0.9530	0.0020	1.001	0.0648	0.0199	18	-0.74	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0939	0.9550	0.0100	1.001	0.0648	0.0199	18	-0.71	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0619	0.9650	0.0440	1.001	0.0648	0.0199	18	-0.56	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0682	0.9840	0.0000	1.001	0.0648	0.0199	18	-0.27	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0968	0.9850	0.0100	1.001	0.0648	0.0199	18	-0.25	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0354	0.9885	0.0110	1.001	0.0648	0.0199	18	-0.20	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0171	1.000	0.0600	1.001	0.0648	0.0199	18	-0.02	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	2059	1.024	0.0020	1.001	0.0648	0.0199	18	0.35	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0504	1.025	0.0100	1.001	0.0648	0.0199	18	0.37	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0652	1.040	0.0400	1.001	0.0648	0.0199	18	0.60	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0644	1.042	0.0130	1.001	0.0648	0.0199	18	0.62	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0226	1.072	0.0112	1.001	0.0648	0.0199	18	1.10	4%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0571	1.073	0.0230	1.001	0.0648	0.0199	18	1.10	4%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0684	1.080	0.0200	1.001	0.0648	0.0199	18	1.22	4%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0941	1.082	0.0000	1.001	0.0648	0.0199	18	1.25	4%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0918	1.180	0.2400	1.001	0.0648	0.0199	18	2.76	9%	1
133.05	Proline, Pre-col AQC Der (%)	0407	0.8910	0.0060	1.054	0.0539	0.0233	11	-3.02	8%	0
133.05	Proline, Pre-col AQC Der (%)	0148	1.018	0.0450	1.054	0.0539	0.0233	11	-0.67	2%	0
133.05	Proline, Pre-col AQC Der (%)	0610	1.020	0.0400	1.054	0.0539	0.0233	11	-0.63	2%	0
133.05	Proline, Pre-col AQC Der (%)	0626	1.025	0.0040	1.054	0.0539	0.0233	11	-0.53	1%	0
133.05	Proline, Pre-col AQC Der (%)	0242	1.040	0.0000	1.054	0.0539	0.0233	11	-0.25	1%	0
133.05	Proline, Pre-col AQC Der (%)	2196	1.042	0.0000	1.054	0.0539	0.0233	11	-0.22	1%	0
133.05	Proline, Pre-col AQC Der (%)	2188	1.056	0.0000	1.054	0.0539	0.0233	11	0.04	0%	0
133.05	Proline, Pre-col AQC Der (%)	0870	1.078	0.0300	1.054	0.0539	0.0233	11	0.45	1%	0
133.05	Proline, Pre-col AQC Der (%)	2246	1.085	0.0284	1.054	0.0539	0.0233	11	0.58	1%	0
133.05	Proline, Pre-col AQC Der (%)	2319	1.120	0.0000	1.054	0.0539	0.0233	11	1.23	3%	0
133.05	Proline, Pre-col AQC Der (%)	0676	1.145	0.0100	1.054	0.0539	0.0233	11	1.69	4%	0
133.99	Proline, Miscellaneous (%)	0656	1.050	0.0000				3			0
133.99	Proline, Miscellaneous (%)	0227	1.105	0.0500				3			0
133.99	Proline, Miscellaneous (%)	0889	1.120	0.0500				3			0
134.00	Serine, Post-col Ninhydrin Der (%)	0504	0.6050	0.0300	0.7190	0.0250	0.0152	18	-4.56	8%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0675	0.6350	0.0300	0.7190	0.0250	0.0152	18	-3.36	6%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0968	0.6750	0.0100	0.7190	0.0250	0.0152	18	-1.76	3%	0
134.00	Serine, Post-col Ninhydrin Der (%)	2059	0.7035	0.0050	0.7190	0.0250	0.0152	18	-0.62	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0872	0.7050	0.0020	0.7190	0.0250	0.0152	18	-0.56	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0571	0.7065	0.0030	0.7190	0.0250	0.0152	18	-0.50	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0619	0.7180	0.0440	0.7190	0.0250	0.0152	18	-0.04	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0353	0.7200	0.0000	0.7190	0.0250	0.0152	18	0.04	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0684	0.7200	0.0000	0.7190	0.0250	0.0152	18	0.04	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0859	0.7219	0.0134	0.7190	0.0250	0.0152	18	0.12	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0652	0.7250	0.0300	0.7190	0.0250	0.0152	18	0.24	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0354	0.7300	0.0040	0.7190	0.0250	0.0152	18	0.44	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
134.00	Serine, Post-col Ninhydrin Der (%)	0941	0.7330	0.0000	0.7190	0.0250	0.0152	18	0.56	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0644	0.7365	0.0010	0.7190	0.0250	0.0152	18	0.70	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0171	0.7400	0.0200	0.7190	0.0250	0.0152	18	0.84	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0939	0.7400	0.0000	0.7190	0.0250	0.0152	18	0.84	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0682	0.7410	0.0000	0.7190	0.0250	0.0152	18	0.88	2%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0226	0.7588	0.0120	0.7190	0.0250	0.0152	18	1.59	3%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0918	0.7800	0.1400	0.7190	0.0250	0.0152	18	2.44	4%	1
134.02	Serine, Post-col OPA Der (%)	0098	0.5955	0.0150				1			0
134.05	Serine, Pre-col AQC Der (%)	0407	0.5390	0.0300	0.7203	0.0855	0.0175	11	-2.12	13%	0
134.05	Serine, Pre-col AQC Der (%)	0610	0.6300	0.0200	0.7203	0.0855	0.0175	11	-1.06	6%	0
134.05	Serine, Pre-col AQC Der (%)	2188	0.6510	0.0000	0.7203	0.0855	0.0175	11	-0.81	5%	0
134.05	Serine, Pre-col AQC Der (%)	2196	0.6900	0.0000	0.7203	0.0855	0.0175	11	-0.35	2%	0
134.05	Serine, Pre-col AQC Der (%)	0626	0.7055	0.0050	0.7203	0.0855	0.0175	11	-0.17	1%	0
134.05	Serine, Pre-col AQC Der (%)	0242	0.7100	0.0000	0.7203	0.0855	0.0175	11	-0.12	1%	0
134.05	Serine, Pre-col AQC Der (%)	0676	0.7600	0.0200	0.7203	0.0855	0.0175	11	0.46	3%	0
134.05	Serine, Pre-col AQC Der (%)	2319	0.7695	0.0010	0.7203	0.0855	0.0175	11	0.58	3%	0
134.05	Serine, Pre-col AQC Der (%)	0870	0.7865	0.0190	0.7203	0.0855	0.0175	11	0.77	5%	0
134.05	Serine, Pre-col AQC Der (%)	0148	0.8080	0.0460	0.7203	0.0855	0.0175	11	1.03	6%	0
134.05	Serine, Pre-col AQC Der (%)	2246	0.8211	0.0043	0.7203	0.0855	0.0175	11	1.18	7%	0
134.99	Serine, Miscellaneous (%)	0656	0.6500	0.0000				3			0
134.99	Serine, Miscellaneous (%)	0227	0.7100	0.0000				3			0
134.99	Serine, Miscellaneous (%)	0889	0.9325	0.0050				3			0
134.99	Serine, Miscellaneous (%)	0160	0.6050	0.0700				3			1
135.00	Threonine, Post-col Ninhydrin Der (%)	0675	0.4950	0.0300	0.5600	0.0187	0.0138	18	-3.47	6%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0968	0.5350	0.0100	0.5600	0.0187	0.0138	18	-1.33	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0353	0.5400	0.0000	0.5600	0.0187	0.0138	18	-1.07	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0652	0.5400	0.0200	0.5600	0.0187	0.0138	18	-1.07	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0682	0.5500	0.0000	0.5600	0.0187	0.0138	18	-0.53	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0872	0.5535	0.0130	0.5600	0.0187	0.0138	18	-0.35	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0504	0.5550	0.0100	0.5600	0.0187	0.0138	18	-0.27	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0939	0.5550	0.0100	0.5600	0.0187	0.0138	18	-0.27	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	2059	0.5595	0.0030	0.5600	0.0187	0.0138	18	-0.02	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0571	0.5620	0.0040	0.5600	0.0187	0.0138	18	0.11	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0226	0.5638	0.0041	0.5600	0.0187	0.0138	18	0.20	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0644	0.5675	0.0030	0.5600	0.0187	0.0138	18	0.40	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0171	0.5700	0.0200	0.5600	0.0187	0.0138	18	0.54	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0619	0.5700	0.0380	0.5600	0.0187	0.0138	18	0.54	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0859	0.5747	0.0115	0.5600	0.0187	0.0138	18	0.79	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0941	0.5810	0.0000	0.5600	0.0187	0.0138	18	1.12	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0354	0.5825	0.0210	0.5600	0.0187	0.0138	18	1.20	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0684	0.6000	0.0200	0.5600	0.0187	0.0138	18	2.14	4%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0918	0.6250	0.1100	0.5600	0.0187	0.0138	18	3.48	6%	1

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs			
135.02	Threonine, Post-col OPA Der (%)	0098	0.5370	0.0000				1			0
135.05	Threonine, Pre-col AQC Der (%)	0407	0.4060	0.0200	0.5794	0.0557	0.0134	11	-3.11	15%	0
135.05	Threonine, Pre-col AQC Der (%)	2188	0.5320	0.0000	0.5794	0.0557	0.0134	11	-0.85	4%	0
135.05	Threonine, Pre-col AQC Der (%)	0610	0.5450	0.0100	0.5794	0.0557	0.0134	11	-0.62	3%	0
135.05	Threonine, Pre-col AQC Der (%)	0626	0.5535	0.0050	0.5794	0.0557	0.0134	11	-0.46	2%	0
135.05	Threonine, Pre-col AQC Der (%)	2196	0.5590	0.0000	0.5794	0.0557	0.0134	11	-0.37	2%	0
135.05	Threonine, Pre-col AQC Der (%)	2319	0.5835	0.0050	0.5794	0.0557	0.0134	11	0.07	0%	0
135.05	Threonine, Pre-col AQC Der (%)	0870	0.5890	0.0180	0.5794	0.0557	0.0134	11	0.17	1%	0
135.05	Threonine, Pre-col AQC Der (%)	0242	0.5900	0.0000	0.5794	0.0557	0.0134	11	0.19	1%	0
135.05	Threonine, Pre-col AQC Der (%)	0148	0.6265	0.0370	0.5794	0.0557	0.0134	11	0.85	4%	0
135.05	Threonine, Pre-col AQC Der (%)	2246	0.6361	0.0067	0.5794	0.0557	0.0134	11	1.02	5%	0
135.05	Threonine, Pre-col AQC Der (%)	0676	0.6800	0.0000	0.5794	0.0557	0.0134	11	1.81	9%	0
135.99	Threonine, Miscellaneous (%)	0656	0.5500	0.0000	0.5747	0.0236	0.0094	4			0
135.99	Threonine, Miscellaneous (%)	2246	0.5638	0.0088	0.5747	0.0236	0.0094	4			0
135.99	Threonine, Miscellaneous (%)	0227	0.5800	0.0000	0.5747	0.0236	0.0094	4			0
135.99	Threonine, Miscellaneous (%)	0889	0.6050	0.0100	0.5747	0.0236	0.0094	4			0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0682	0.1580	0.0000	0.2016	0.0389	0.0090	6	-1.12	11%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0619	0.1765	0.0070	0.2016	0.0389	0.0090	6	-0.65	6%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	2443	0.1972	0.0001	0.2016	0.0389	0.0090	6	-0.11	1%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0227	0.2100	0.0000	0.2016	0.0389	0.0090	6	0.22	2%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0918	0.2100	0.0200	0.2016	0.0389	0.0090	6	0.22	2%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0941	0.2580	0.0000	0.2016	0.0389	0.0090	6	1.45	14%	0
136.01	Tryptophan, Alka-Hydrol Rev Phase LC UV (%)	0644	0.1825	0.0010				2			0
136.01	Tryptophan, Alka-Hydrol Rev Phase LC UV (%)	0571	0.1905	0.0010				2			0
136.02	Tryptophan, Alka-Hydrol Post-col OPA De (%)	0098	0.1765	0.0010				1			0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	2114	0.1644	0.0015	0.1810	0.0100	0.0050	8	-1.66	5%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0226	0.1735	0.0073	0.1810	0.0100	0.0050	8	-0.75	2%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0872	0.1780	0.0000	0.1810	0.0100	0.0050	8	-0.30	1%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0939	0.1800	0.0000	0.1810	0.0100	0.0050	8	-0.10	0%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0859	0.1835	0.0013	0.1810	0.0100	0.0050	8	0.25	1%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	2059	0.1850	0.0000	0.1810	0.0100	0.0050	8	0.40	1%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	2196	0.1870	0.0000	0.1810	0.0100	0.0050	8	0.60	2%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0353	0.1950	0.0100	0.1810	0.0100	0.0050	8	1.40	4%	0
136.05	Tryptophan, Pre-col AQC Der (%)	0870	0.1400	0.0060	0.1730	0.0327	0.0134	4			0
136.05	Tryptophan, Pre-col AQC Der (%)	2319	0.1595	0.0210	0.1730	0.0327	0.0134	4			0
136.05	Tryptophan, Pre-col AQC Der (%)	2246	0.1755	0.0207	0.1730	0.0327	0.0134	4			0
136.05	Tryptophan, Pre-col AQC Der (%)	0407	0.2170	0.0060	0.1730	0.0327	0.0134	4			0
136.99	Tryptophan, Miscellaneous (%)	2246	0.1589	0.0213				3			0
136.99	Tryptophan, Miscellaneous (%)	0504	0.2100	0.0600				3			0
136.99	Tryptophan, Miscellaneous (%)	0889	0.4025	0.0050				3			0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0682	0.3010	0.0000	0.4768	0.0448	0.0115	14	-3.93	18%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0354	0.4280	0.0200	0.4768	0.0448	0.0115	14	-1.09	5%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0504	0.4350	0.0100	0.4768	0.0448	0.0115	14	-0.93	4%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0675	0.4350	0.0300	0.4768	0.0448	0.0115	14	-0.93	4%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0171	0.4600	0.0000	0.4768	0.0448	0.0115	14	-0.37	2%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0968	0.4650	0.0100	0.4768	0.0448	0.0115	14	-0.26	1%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0684	0.4850	0.0100	0.4768	0.0448	0.0115	14	0.18	1%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0872	0.4855	0.0050	0.4768	0.0448	0.0115	14	0.20	1%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0941	0.4900	0.0000	0.4768	0.0448	0.0115	14	0.30	1%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0644	0.4940	0.0060	0.4768	0.0448	0.0115	14	0.39	2%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0226	0.5086	0.0186	0.4768	0.0448	0.0115	14	0.71	3%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0939	0.5150	0.0100	0.4768	0.0448	0.0115	14	0.85	4%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0353	0.5200	0.0000	0.4768	0.0448	0.0115	14	0.97	5%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	2059	0.5590	0.0020	0.4768	0.0448	0.0115	14	1.84	9%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0918	0.4900	0.0600	0.4768	0.0448	0.0115	14	0.30	1%	1
137.02	Tyrosine, Post-col OPA Der (%)	0098	0.4215	0.0250				1			0
137.05	Tyrosine, Pre-col AQC Der (%)	0407	0.3800	0.0100	0.5018	0.0747	0.0250	11	-1.63	12%	0
137.05	Tyrosine, Pre-col AQC Der (%)	0626	0.4535	0.0310	0.5018	0.0747	0.0250	11	-0.65	5%	0
137.05	Tyrosine, Pre-col AQC Der (%)	0870	0.4565	0.0210	0.5018	0.0747	0.0250	11	-0.61	5%	0
137.05	Tyrosine, Pre-col AQC Der (%)	2196	0.4740	0.0000	0.5018	0.0747	0.0250	11	-0.37	3%	0
137.05	Tyrosine, Pre-col AQC Der (%)	0242	0.4750	0.0100	0.5018	0.0747	0.0250	11	-0.36	3%	0
137.05	Tyrosine, Pre-col AQC Der (%)	2246	0.4897	0.0460	0.5018	0.0747	0.0250	11	-0.16	1%	0
137.05	Tyrosine, Pre-col AQC Der (%)	2319	0.4950	0.0380	0.5018	0.0747	0.0250	11	-0.09	1%	0
137.05	Tyrosine, Pre-col AQC Der (%)	0610	0.5250	0.0100	0.5018	0.0747	0.0250	11	0.31	2%	0
137.05	Tyrosine, Pre-col AQC Der (%)	2188	0.5470	0.0000	0.5018	0.0747	0.0250	11	0.60	5%	0
137.05	Tyrosine, Pre-col AQC Der (%)	0148	0.6005	0.0390	0.5018	0.0747	0.0250	11	1.32	10%	0
137.05	Tyrosine, Pre-col AQC Der (%)	0676	0.6300	0.0200	0.5018	0.0747	0.0250	11	1.72	13%	0
137.99	Tyrosine, Miscellaneous (%)	0889	0.4025	0.0050				3			0
137.99	Tyrosine, Miscellaneous (%)	0227	0.4550	0.0100				3			0
137.99	Tyrosine, Miscellaneous (%)	0656	0.5000	0.0000				3			0
138.00	Valine, Post-col Ninhydrin Der (%)	0353	0.5700	0.0000	0.7072	0.0484	0.0171	18	-2.84	10%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0682	0.6360	0.0000	0.7072	0.0484	0.0171	18	-1.47	5%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0171	0.6550	0.0300	0.7072	0.0484	0.0171	18	-1.08	4%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0354	0.6580	0.0200	0.7072	0.0484	0.0171	18	-1.02	3%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0968	0.6750	0.0100	0.7072	0.0484	0.0171	18	-0.67	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0644	0.6930	0.0040	0.7072	0.0484	0.0171	18	-0.29	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0684	0.6950	0.0300	0.7072	0.0484	0.0171	18	-0.25	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0652	0.7100	0.0200	0.7072	0.0484	0.0171	18	0.06	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0859	0.7107	0.0166	0.7072	0.0484	0.0171	18	0.07	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0571	0.7180	0.0120	0.7072	0.0484	0.0171	18	0.22	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	2059	0.7190	0.0040	0.7072	0.0484	0.0171	18	0.24	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0872	0.7205	0.0050	0.7072	0.0484	0.0171	18	0.27	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0939	0.7250	0.0100	0.7072	0.0484	0.0171	18	0.37	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0941	0.7340	0.0000	0.7072	0.0484	0.0171	18	0.55	2%	0



Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
138.00	Valine, Post-col Ninhydrin Der (%)	0226	0.7417	0.0127	0.7072	0.0484	0.0171	18	0.71	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0918	0.7600	0.1400	0.7072	0.0484	0.0171	18	1.09	4%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0504	0.7650	0.0100	0.7072	0.0484	0.0171	18	1.19	4%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0619	0.7850	0.0480	0.7072	0.0484	0.0171	18	1.61	5%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0675	0.5250	0.2900	0.7072	0.0484	0.0171	18	-3.77	13%	1
138.02	Valine, Post-col OPA Der (%)	0098	0.7365	0.0070				1			0
138.05	Valine, Pre-col AQC Der (%)	2188	0.6210	0.0000	0.7154	0.0497	0.0230	11	-1.90	7%	0
138.05	Valine, Pre-col AQC Der (%)	2319	0.6750	0.0340	0.7154	0.0497	0.0230	11	-0.81	3%	0
138.05	Valine, Pre-col AQC Der (%)	0407	0.6855	0.0110	0.7154	0.0497	0.0230	11	-0.60	2%	0
138.05	Valine, Pre-col AQC Der (%)	0610	0.7000	0.0200	0.7154	0.0497	0.0230	11	-0.31	1%	0
138.05	Valine, Pre-col AQC Der (%)	2196	0.7040	0.0000	0.7154	0.0497	0.0230	11	-0.23	1%	0
138.05	Valine, Pre-col AQC Der (%)	0870	0.7070	0.0420	0.7154	0.0497	0.0230	11	-0.17	1%	0
138.05	Valine, Pre-col AQC Der (%)	0626	0.7155	0.0190	0.7154	0.0497	0.0230	11	0.00	0%	0
138.05	Valine, Pre-col AQC Der (%)	0148	0.7215	0.0530	0.7154	0.0497	0.0230	11	0.12	0%	0
138.05	Valine, Pre-col AQC Der (%)	2246	0.7553	0.0129	0.7154	0.0497	0.0230	11	0.80	3%	0
138.05	Valine, Pre-col AQC Der (%)	0676	0.7750	0.0100	0.7154	0.0497	0.0230	11	1.20	4%	0
138.05	Valine, Pre-col AQC Der (%)	0242	0.8250	0.0100	0.7154	0.0497	0.0230	11	2.21	8%	0
138.99	Valine, Miscellaneous (%)	0889	0.6550	0.0000	0.7088	0.0423	0.0200	4			0
138.99	Valine, Miscellaneous (%)	0160	0.6950	0.0300	0.7088	0.0423	0.0200	4			0
138.99	Valine, Miscellaneous (%)	0656	0.7400	0.0000	0.7088	0.0423	0.0200	4			0
138.99	Valine, Miscellaneous (%)	0227	0.7450	0.0100	0.7088	0.0423	0.0200	4			0
139.00	Taurine, Post-col Ninhydrin Der (%)	0682	0.0670	0.0000				2			0
139.00	Taurine, Post-col Ninhydrin Der (%)	0504	0.2350	0.0100				2			0
139.02	Taurine, Post-col OPA Der (%)	0098	< 0.01					0			5
139.05	Taurine, Pre-col AQC Der (%)	0407	0.0070	0.0020				1			0
139.99	Taurine, Miscellaneous (%)	0889	0.0150	0.0000				1			0
139.99	Taurine, Miscellaneous (%)	0227	< 0.01					1			5
150.00	Phytase, Colorimetric (Units / kg)	0610	1,685	170.0				2			0
150.00	Phytase, Colorimetric (Units / kg)	0619	1,830	119.0				2			0
150.99	Phytase, Miscellaneous (Units / kg)	0218	3,598	961.0				1			0
160.10	Fructose, HPAEC PAD (%)	0297	0.1550	0.0100				1			0
160.99	Fructose, Miscellaneous (%)	0619	0.1630	0.0200				3			0
160.99	Fructose, Miscellaneous (%)	0227	0.2500	0.0400				3			0
160.99	Fructose, Miscellaneous (%)	0148	0.2510	0.0000				3			0
161.10	Galactose, HPAEC PAD (%)	0297	0.0000	0.0000				0			4
162.10	Glucose, HPAEC PAD (%)	0297	0.2400	0.0200				1			0
162.99	Glucose, Miscellaneous (%)	0619	0.2095	0.0070				3			0
162.99	Glucose, Miscellaneous (%)	0148	0.2400	0.0200				3			0
162.99	Glucose, Miscellaneous (%)	0227	0.4200	0.0400				3			0
163.10	Lactose, HPAEC PAD (%)	0297	0.0000	0.0000				0			4
163.99	Lactose, Miscellaneous (%)	0619	0.0000	0.0000				0			4
163.99	Lactose, Miscellaneous (%)	0148	< 0.05					0			5

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs			
163.99	Lactose, Miscellaneous (%)	0227	< 0.15					0			5
164.10	Maltose, HPAEC PAD (%)	0297	0.1800	0.0200				1			0
164.99	Maltose, Miscellaneous (%)	0148	0.1880	0.0040				2			0
164.99	Maltose, Miscellaneous (%)	0227	0.2450	0.0100				2			0
165.10	Sucrose, HPAEC PAD (%)	0297	2.070	0.0800				1			0
165.99	Sucrose, Miscellaneous (%)	0619	2.080	0.0000				3			0
165.99	Sucrose, Miscellaneous (%)	0227	2.085	0.0500				3			0
165.99	Sucrose, Miscellaneous (%)	0148	2.250	0.1400				3			0
166.10	Raffinose, HPAEC PAD (%)	0297	0.7950	0.0100				1			0
166.99	Raffinose, Miscellaneous (%)	0227	0.6300	0.0000				1			0
167.10	Stachyose, HPAEC PAD (%)	0297	0.5600	0.0400				1			0
167.99	Stachyose, Miscellaneous (%)	0227	< 0.05					0			5
351.00	Chlortetracycline, Plate (ppm)	0964	44.81	0.8929				2			0
351.00	Chlortetracycline, Plate (ppm)	0218	56.03	0.0737				2			0
351.03	Chlortetracycline, LC (UV or FL) (ppm)	2114	41.62	1.681	51.25	7.488	2.370	7	-1.29	9%	0
351.03	Chlortetracycline, LC (UV or FL) (ppm)	0038	45.10	3.000	51.25	7.488	2.370	7	-0.82	6%	0
351.03	Chlortetracycline, LC (UV or FL) (ppm)	0010	47.40	2.000	51.25	7.488	2.370	7	-0.51	4%	0
351.03	Chlortetracycline, LC (UV or FL) (ppm)	0032	53.50	3.000	51.25	7.488	2.370	7	0.30	2%	0
351.03	Chlortetracycline, LC (UV or FL) (ppm)	0036	54.90	0.4000	51.25	7.488	2.370	7	0.49	4%	0
351.03	Chlortetracycline, LC (UV or FL) (ppm)	0001	56.75	2.100	51.25	7.488	2.370	7	0.73	5%	0
351.03	Chlortetracycline, LC (UV or FL) (ppm)	0035	59.48	4.410	51.25	7.488	2.370	7	1.10	8%	0
351.05	Chlortetracycline, LC-MS/MS (ppm)	0242	48.22	7.320	71.00	15.54	6.995	4			0
351.05	Chlortetracycline, LC-MS/MS (ppm)	0148	75.04	6.018	71.00	15.54	6.995	4			0
351.05	Chlortetracycline, LC-MS/MS (ppm)	0884	77.75	2.300	71.00	15.54	6.995	4			0
351.05	Chlortetracycline, LC-MS/MS (ppm)	0028	82.99	12.34	71.00	15.54	6.995	4			0
382.00	Sulfamethazine, Spectrophotometer (ppm)	0028	108.5	6.120				2			0
382.00	Sulfamethazine, Spectrophotometer (ppm)	0035	126.4	13.10				2			0
382.01	Sulfamethazine, LC (ppm)	0032	65.50	1.000				2			0
382.01	Sulfamethazine, LC (ppm)	0001	90.30	2.000				2			0
382.02	Sulfamethazine, LC-PCD (ppm)	0027	97.00	6.000				2			0
382.02	Sulfamethazine, LC-PCD (ppm)	0218	127.0	2.000				2			0
382.04	Sulfamethazine, LC-MS/MS (ppm)	0242	70.82	3.000				3			0
382.04	Sulfamethazine, LC-MS/MS (ppm)	0148	96.03	9.701				3			0
382.04	Sulfamethazine, LC-MS/MS (ppm)	0038	157.0	8.000				3			0
388.00	Tylosin, Plate (ppm)	0218	125.5	3.668				2			0
388.00	Tylosin, Plate (ppm)	0027	126.2	4.373				2			0
388.03	Tylosin, LC (ppm)	0038	161.0	2.000				1			0
388.05	Tylosin, LC-MS/MS (ppm)	0875	111.5	5.000				2			0
388.05	Tylosin, LC-MS/MS (ppm)	0148	142.2	11.81				2			0
400.01	Water Activity, Aqualab chilled mirror (Units)	0853	0.5641	0.0033	0.6073	0.0261	0.0043	12	-1.66	4%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	0123	0.5750	0.0100	0.6073	0.0261	0.0043	12	-1.24	3%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	2181	0.5918	0.0002	0.6073	0.0261	0.0043	12	-0.59	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
400.01	Water Activity, Aqualab chilled mirror (Units)	0942	0.5925	0.0010	0.6073	0.0261	0.0043	12	-0.57	1%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	2114	0.6031	0.0009	0.6073	0.0261	0.0043	12	-0.16	0%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	2168	0.6075	0.0030	0.6073	0.0261	0.0043	12	0.01	0%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	2174	0.6080	0.0080	0.6073	0.0261	0.0043	12	0.03	0%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	0010	0.6190	0.0007	0.6073	0.0261	0.0043	12	0.44	1%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	0407	0.6190	0.0012	0.6073	0.0261	0.0043	12	0.45	1%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	0589	0.6230	0.0160	0.6073	0.0261	0.0043	12	0.60	1%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	2109	0.6346	0.0075	0.6073	0.0261	0.0043	12	1.04	2%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	0885	0.6600	0.0000	0.6073	0.0261	0.0043	12	2.02	4%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	2303	6.550	0.3000	0.6073	0.0261	0.0043	12	>100	489%	2
413.01	Starch, Resistant, Enzymatic-Colorimetric (%)	0171	34.50	0.0000				1			0
516.43	Arsenic, Total (As), ICP, Microwave (ppm)	0682	< 20					0			5
516.52	Arsenic, Total (As), ICP-MS, Open vessel (ppm)	0186	< 0.05					0			5
516.53	Arsenic, Total (As), ICP-MS, Microwave (ppm)	0199	0.0300	0.0000				3			0
516.53	Arsenic, Total (As), ICP-MS, Microwave (ppm)	0227	0.0390	0.0060				3			0
516.53	Arsenic, Total (As), ICP-MS, Microwave (ppm)	0407	0.0410	0.0052				3			0
518.41	Cadmium, ICP, Dry ash (ppm)	0407	0.0554	0.0030				1			0
518.43	Cadmium, ICP, Microwave (ppm)	0407	0.0597	0.0065				3			0
518.43	Cadmium, ICP, Microwave (ppm)	0032	0.0615	0.0370				3			0
518.43	Cadmium, ICP, Microwave (ppm)	0968	0.0745	0.0010				3			0
518.43	Cadmium, ICP, Microwave (ppm)	0682	< 0.2					3			5
518.52	Cadmium, ICP-MS, Open vessel (ppm)	0186	0.0607	0.0045				1			0
518.53	Cadmium, ICP-MS, Microwave (ppm)	0199	0.0560	0.0020				3			0
518.53	Cadmium, ICP-MS, Microwave (ppm)	0227	0.0600	0.0100				3			0
518.53	Cadmium, ICP-MS, Microwave (ppm)	0407	0.0615	0.0062				3			0
518.99	Cadmium, Miscellaneous (ppm)	2114	0.0714	0.0003				1			0
520.31	Chromium, Total (Cr), AAS, Dry ash (ppm)	0656	< 0.1565					0			5
520.41	Chromium, Total (Cr), ICP, Dry ash (ppm)	0407	1.228	0.0414				1			0
520.42	Chromium, Total (Cr), ICP, Open vessel (ppm)	0693	1.550	0.1200				2			0
520.42	Chromium, Total (Cr), ICP, Open vessel (ppm)	0045	1.855	0.1900				2			0
520.43	Chromium, Total (Cr), ICP, Microwave (ppm)	0968	1.277	0.0330	1.556	0.3622	0.0253	5			0
520.43	Chromium, Total (Cr), ICP, Microwave (ppm)	2394	1.380	0.0200	1.556	0.3622	0.0253	5			0
520.43	Chromium, Total (Cr), ICP, Microwave (ppm)	0682	1.420	0.0000	1.556	0.3622	0.0253	5			0
520.43	Chromium, Total (Cr), ICP, Microwave (ppm)	0407	1.516	0.0123	1.556	0.3622	0.0253	5			0
520.43	Chromium, Total (Cr), ICP, Microwave (ppm)	0032	2.185	0.0360	1.556	0.3622	0.0253	5			0
520.43	Chromium, Total (Cr), ICP, Microwave (ppm)	0510	1.945	0.1300	1.556	0.3622	0.0253	5			1
520.43	Chromium, Total (Cr), ICP, Microwave (ppm)	0297	0.0000	0.0000	1.556	0.3622	0.0253	5			4
520.52	Chromium, Total (Cr), ICP-MS, Open vessel (ppm)	0186	0.5419	0.0009				1			0
520.53	Chromium, Total (Cr), ICP-MS, Microwave (ppm)	0199	0.6050	0.0100	1.302	0.4702	0.0819	4			0
520.53	Chromium, Total (Cr), ICP-MS, Microwave (ppm)	0164	1.430	0.0200	1.302	0.4702	0.0819	4			0
520.53	Chromium, Total (Cr), ICP-MS, Microwave (ppm)	0939	1.585	0.0700	1.302	0.4702	0.0819	4			0
520.53	Chromium, Total (Cr), ICP-MS, Microwave (ppm)	0407	1.586	0.2274	1.302	0.4702	0.0819	4			0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs			
526.41	Lead, ICP, Dry ash (ppm)	0407	0.0652	0.0040				1		0	
526.43	Lead, ICP, Microwave (ppm)	0407	0.1867	0.0831				1		0	
526.43	Lead, ICP, Microwave (ppm)	0682	< 10					1		5	
526.52	Lead, ICP-MS, Open vessel (ppm)	0186	0.0563	0.0058				1		0	
526.53	Lead, ICP-MS, Microwave (ppm)	0199	0.0500	0.0200	0.0624	0.0131	0.0089	4		0	
526.53	Lead, ICP-MS, Microwave (ppm)	0227	0.0555	0.0010	0.0624	0.0131	0.0089	4		0	
526.53	Lead, ICP-MS, Microwave (ppm)	0032	0.0642	0.0056	0.0624	0.0131	0.0089	4		0	
526.53	Lead, ICP-MS, Microwave (ppm)	0939	0.0800	0.0000	0.0624	0.0131	0.0089	4		0	
526.53	Lead, ICP-MS, Microwave (ppm)	0407	0.3245	0.5388	0.0624	0.0131	0.0089	4		2	
529.99	Mercury, Miscellaneous (ppb)	0407	1.807	0.0554				1		0	
529.99	Mercury, Miscellaneous (ppb)	0199	< 0.05					1		5	
529.99	Mercury, Miscellaneous (ppb)	0227	< 10					1		5	
529.99	Mercury, Miscellaneous (ppb)	0682	< 10000					1		5	
539.41	Nickel, ICP, Dry ash (ppm)	0407	1.327	0.0086				1		0	
539.43	Nickel, ICP, Microwave (ppm)	0407	1.467	0.0296				2		0	
539.43	Nickel, ICP, Microwave (ppm)	0682	1.630	0.0000				2		0	
539.43	Nickel, ICP, Microwave (ppm)	0297	0.0000	0.0000				2		4	
539.52	Nickel, ICP-MS, Open vessel (ppm)	0186	0.8986	0.1107				1		0	
539.53	Nickel, ICP-MS, Microwave (ppm)	0407	1.385	0.0393				1		0	
702.00	Butyric Acid (4:0), Miscellaneous GC (%)	0164	< 0.02					0		5	
704.00	Caproic Acid (6:0) , Miscellaneous GC (%)	0164	< 0.02					0		5	
706.99	Caprylic acid (8:0), Miscellaneous (%) (w/w)	0164	< 0.02					0		5	
706.99	Caprylic acid (8:0), Miscellaneous (%) (w/w)	0910	< 0.05					0		5	
708.99	Capric acid (10:0), Miscellaneous (%) (w/w)	0164	< 0.02					0		5	
708.99	Capric acid (10:0), Miscellaneous (%) (w/w)	0910	< 0.05					0		5	
710.99	Lauric Acid (12:0), Miscellaneous (%) (w/w)	0226	< 0.005					0		5	
710.99	Lauric Acid (12:0), Miscellaneous (%) (w/w)	0676	< 0.01					0		5	
710.99	Lauric Acid (12:0), Miscellaneous (%) (w/w)	0164	< 0.02					0		5	
710.99	Lauric Acid (12:0), Miscellaneous (%) (w/w)	0910	< 0.05					0		5	
714.99	Myristic Acid (14:0) , Miscellaneous (%) (w/w)	0226	< 0.005					0		5	
714.99	Myristic Acid (14:0) , Miscellaneous (%) (w/w)	0164	< 0.02					0		5	
716.99	Palmitic Acid (16:0), Miscellaneous (%) (w/w)	0226	0.7548	0.0233				2		0	
716.99	Palmitic Acid (16:0), Miscellaneous (%) (w/w)	0164	0.7915	0.0070				2		0	
718.99	Palmitoleic Acid (9c-16:1), Miscellaneous (%) (w/w)	0676	0.0070	0.0000				2		0	
718.99	Palmitoleic Acid (9c-16:1), Miscellaneous (%) (w/w)	0226	0.0077	0.0001				2		0	
718.99	Palmitoleic Acid (9c-16:1), Miscellaneous (%) (w/w)	0164	< 0.02					2		5	
720.99	Margaric acid (17:0), Miscellaneous (%) (w/w)	0164	< 0.02					0		5	
722.99	Stearic Acid (18:0), Miscellaneous (%) (w/w)	0226	0.1049	0.0014				2		0	
722.99	Stearic Acid (18:0), Miscellaneous (%) (w/w)	0164	0.1100	0.0000				2		0	
724.99	Oleic Acid (9c-18:1), Miscellaneous (%) (w/w)	0164	0.9820	0.0040				2		0	
724.99	Oleic Acid (9c-18:1), Miscellaneous (%) (w/w)	0226	0.9945	0.0310				2		0	
726.99	Linoleic Acid (9c,12c-18:2), Miscellaneous (%) (w/w)	0164	2.517	0.0130				3		0	

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs			
726.99	Linoleic Acid (9c,12c-18:2), Miscellaneous (%)	0676	2.636	0.0050				3		0	
726.99	Linoleic Acid (9c,12c-18:2), Miscellaneous (%)	0226	2.705	0.0900				3		0	
728.99	alpha-Linolenic Acid (9c,12c,15c-18:3), Miscellaneous (%)	0164	0.1870	0.0020				3		0	
728.99	alpha-Linolenic Acid (9c,12c,15c-18:3), Miscellaneous (%)	0676	0.1925	0.0030				3		0	
728.99	alpha-Linolenic Acid (9c,12c,15c-18:3), Miscellaneous (%)	0226	0.2000	0.0062				3		0	
730.99	Arachidic Acid (20:0), Miscellaneous (% (w/w))	0226	0.0140	0.0001				1		0	
730.99	Arachidic Acid (20:0), Miscellaneous (% (w/w))	0164	< 0.02					1		5	
732.99	Gondoic Acid (11c-20:1), Miscellaneous (% (w/w))	0164	0.0200	0.0000				2		0	
732.99	Gondoic Acid (11c-20:1), Miscellaneous (% (w/w))	0226	0.0217	0.0006				2		0	
736.99	Arachidonic Acid (5c,8c,11c,14c-20:4), Miscellaneous (%)	0676	0.0000	0.0000				0		4	
736.99	Arachidonic Acid (5c,8c,11c,14c-20:4), Miscellaneous (%)	0164	< 0.02					0		5	
740.99	Eicosapentaenoic Acid EPA (5c,8c,11c,14c,17c-20:5), Miscellaneous (%)	0676	0.0000	0.0000				0		4	
740.99	Eicosapentaenoic Acid EPA (5c,8c,11c,14c,17c-20:5), Miscellaneous (%)	0226	< 0.005					0		5	
740.99	Eicosapentaenoic Acid EPA (5c,8c,11c,14c,17c-20:5), Miscellaneous (%)	0164	< 0.02					0		5	
742.99	Behenic Acid (22:0), Miscellaneous (% (w/w))	0226	0.0118	0.0005				1		0	
742.99	Behenic Acid (22:0), Miscellaneous (% (w/w))	0164	< 0.02					1		5	
744.99	Erucic Acid (13c-22:1), Miscellaneous (% (w/w))	0226	< 0.005					0		5	
744.99	Erucic Acid (13c-22:1), Miscellaneous (% (w/w))	0164	< 0.02					0		5	
746.99	Docosapentaenoic Acid n-3 DPA (7c,10c,13c,16c-22:5), Miscellaneous (%)	0226	< 0.005					0		5	
746.99	Docosapentaenoic Acid n-3 DPA (7c,10c,13c,16c-22:5), Miscellaneous (%)	0676	< 0.01					0		5	
746.99	Docosapentaenoic Acid n-3 DPA (7c,10c,13c,16c-22:5), Miscellaneous (%)	0164	< 0.02					0		5	
746.99	Docosapentaenoic Acid n-3 DPA (7c,10c,13c,16c-22:5), Miscellaneous (%)	0910	< 0.05					0		5	
748.99	Lignoceric Acid (24:0), Miscellaneous (% (w/w))	0226	0.0114	0.0005				1		0	
748.99	Lignoceric Acid (24:0), Miscellaneous (% (w/w))	0164	< 0.02					1		5	
750.99	Docosahexaenoic Acid DHA (4c,7c,10c,13c,16c-22:6), Miscellaneous (%)	0676	0.0000	0.0000				0		4	
750.99	Docosahexaenoic Acid DHA (4c,7c,10c,13c,16c-22:6), Miscellaneous (%)	0226	< 0.005					0		5	
750.99	Docosahexaenoic Acid DHA (4c,7c,10c,13c,16c-22:6), Miscellaneous (%)	0164	< 0.02					0		5	
750.99	Docosahexaenoic Acid DHA (4c,7c,10c,13c,16c-22:6), Miscellaneous (%)	0910	< 0.05					0		5	
752.99	Nervonic Acid (24:1) isomers, Miscellaneous (%)	0226	< 0.005					0		5	
752.99	Nervonic Acid (24:1) isomers, Miscellaneous (%)	0164	< 0.02					0		5	
754.99	Total n-3 Polyunsaturated (Omega-3) Fatty Acids, Miscellaneous (%)	0676	0.1900	0.0000				1		0	
754.99	Total n-3 Polyunsaturated (Omega-3) Fatty Acids, Miscellaneous (%)	0164	< 0.02					1		5	
756.99	Total n-6 Polyunsaturated (Omega-6) Fatty Acids, Miscellaneous (%)	0164	2.526	0.0130				2		0	
756.99	Total n-6 Polyunsaturated (Omega-6) Fatty Acids, Miscellaneous (%)	0676	2.635	0.0100				2		0	
758.99	Total Saturated Fatty Acids, Miscellaneous (%)	0164	0.9695	0.0090				1		0	
764.99	Total cis Monounsaturated Fatty Acids, Miscellaneous (%)	0164	1.086	0.0020				1		0	
768.99	Total cis Polyunsaturated Fatty Acids, Miscellaneous (%)	0164	2.725	0.0080				1		0	
770.99	Total Fat (equivalent to NLEA), Miscellaneous (%)	0164	5.012	0.0270				1		0	
772.99	Total Fatty Acids, Miscellaneous (% (w/w))	0164	4.792	0.0260				2		0	
772.99	Total Fatty Acids, Miscellaneous (% (w/w))	0226	4.820	0.1400				2		0	

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

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs			
<p><b>Note 2:</b> Data Not Used Flags: 1=Rejected for duplicates too far apart, 2=Rejected as extreme outlier, 5=Reporting limit (&lt;), 4=Zeros submitted as values and 3=Statistical problem. Flag 0 indicates data used in calculations.</p>											
<p><b>Note 3:</b> *Robust statistics not used if &lt; 6 labs reporting, in the case of 4 or 5 labs reporting Means and SD's may be reported based on Raw Data with obvious blunders removed (Mandel h and k exclusions apply; Grey). A zero range is not included in robust R-bar calculation.</p>											