



**AAFCO**  
Association of American Feed Control Officials



**Animal Feed Scheme  
Poultry Feed**

**# Labs Reporting: 155  
# Methods Reported 344  
Issue Date : 02/29/2024**

**Test Material Code # 202421**

**Method Proficiency Testing Report**

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	3.950	0.3600				1			0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0504	8.035	0.0300	8.212	0.1209	0.0215	4			0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0027	8.243	0.0170	8.212	0.1209	0.0215	4			0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0169	8.265	0.0300	8.212	0.1209	0.0215	4			0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0407	8.306	0.0088	8.212	0.1209	0.0215	4			0
001.03	Loss on Drying, Low temp. methods (%)	0843	8.205	0.3300				3			0
001.03	Loss on Drying, Low temp. methods (%)	0619	8.220	0.0000				3			0
001.03	Loss on Drying, Low temp. methods (%)	0202	8.295	0.0700				3			0
001.05	Loss on Drying, LECO (%)	0644	8.116	0.0430				1			0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0278	7.000	0.0200	8.183	0.2799	0.1266	38	-4.23	7%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0571	7.051	0.0320	8.183	0.2799	0.1266	38	-4.05	7%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0038	7.085	0.2100	8.183	0.2799	0.1266	38	-3.92	7%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0613	7.110	0.6200	8.183	0.2799	0.1266	38	-3.83	7%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0876	7.800	0.0000	8.183	0.2799	0.1266	38	-1.37	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0413	7.885	0.3300	8.183	0.2799	0.1266	38	-1.07	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0345	7.895	0.0300	8.183	0.2799	0.1266	38	-1.03	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0226	7.950	0.1200	8.183	0.2799	0.1266	38	-0.83	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0643	7.955	0.0280	8.183	0.2799	0.1266	38	-0.82	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0049	7.965	0.5100	8.183	0.2799	0.1266	38	-0.78	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2190	7.995	0.1100	8.183	0.2799	0.1266	38	-0.67	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0066	8.070	0.1200	8.183	0.2799	0.1266	38	-0.40	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0675	8.085	0.1500	8.183	0.2799	0.1266	38	-0.35	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2059	8.085	0.0100	8.183	0.2799	0.1266	38	-0.35	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0148	8.115	0.0500	8.183	0.2799	0.1266	38	-0.24	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0353	8.115	0.0300	8.183	0.2799	0.1266	38	-0.24	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0843	8.205	0.3300	8.183	0.2799	0.1266	38	0.08	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0074	8.210	0.5000	8.183	0.2799	0.1266	38	0.10	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0035	8.220	0.3000	8.183	0.2799	0.1266	38	0.13	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0853	8.250	0.1000	8.183	0.2799	0.1266	38	0.24	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0171	8.260	0.0400	8.183	0.2799	0.1266	38	0.27	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0505	8.265	0.1300	8.183	0.2799	0.1266	38	0.29	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2192	8.300	0.0400	8.183	0.2799	0.1266	38	0.42	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0407	8.314	0.0045	8.183	0.2799	0.1266	38	0.47	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	
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0682	8.320	0.0000	8.183	0.2799	0.1266	38	0.49	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0033	8.330	0.0000	8.183	0.2799	0.1266	38	0.52	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0590	8.340	0.0000	8.183	0.2799	0.1266	38	0.56	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0689	8.350	0.1000	8.183	0.2799	0.1266	38	0.60	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0003	8.360	0.0600	8.183	0.2799	0.1266	38	0.63	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2195	8.370	0.0000	8.183	0.2799	0.1266	38	0.67	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0028	8.370	0.0800	8.183	0.2799	0.1266	38	0.67	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0098	8.420	0.2000	8.183	0.2799	0.1266	38	0.85	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2259	8.452	0.0230	8.183	0.2799	0.1266	38	0.96	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0872	8.465	0.0100	8.183	0.2799	0.1266	38	1.01	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0083	8.475	0.0100	8.183	0.2799	0.1266	38	1.04	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0581	8.515	0.1900	8.183	0.2799	0.1266	38	1.19	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0693	8.680	0.4490	8.183	0.2799	0.1266	38	1.77	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0089	9.180	0.0200	8.183	0.2799	0.1266	38	3.56	6%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0045	8.125	0.7300	8.183	0.2799	0.1266	38	-0.21	0%	1
001.99	Loss on Drying, Miscellaneous (%)	0618	7.040	0.0200	8.017	0.4551	0.0784	16	-2.15	6%	0
001.99	Loss on Drying, Miscellaneous (%)	0889	7.380	0.2200	8.017	0.4551	0.0784	16	-1.40	4%	0
001.99	Loss on Drying, Miscellaneous (%)	0676	7.655	0.0300	8.017	0.4551	0.0784	16	-0.80	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0918	7.655	0.0500	8.017	0.4551	0.0784	16	-0.80	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0186	7.689	0.0261	8.017	0.4551	0.0784	16	-0.72	2%	0
001.99	Loss on Drying, Miscellaneous (%)	2246	7.810	0.1400	8.017	0.4551	0.0784	16	-0.46	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0610	7.935	0.0300	8.017	0.4551	0.0784	16	-0.18	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0656	7.990	0.0000	8.017	0.4551	0.0784	16	-0.06	0%	0
001.99	Loss on Drying, Miscellaneous (%)	0510	8.150	0.1000	8.017	0.4551	0.0784	16	0.29	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0948	8.165	0.0100	8.017	0.4551	0.0784	16	0.32	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0536	8.230	0.2200	8.017	0.4551	0.0784	16	0.47	1%	0
001.99	Loss on Drying, Miscellaneous (%)	2319	8.300	0.0000	8.017	0.4551	0.0784	16	0.62	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0910	8.350	0.3000	8.017	0.4551	0.0784	16	0.73	2%	0
001.99	Loss on Drying, Miscellaneous (%)	2392	8.460	0.0200	8.017	0.4551	0.0784	16	0.97	3%	0
001.99	Loss on Drying, Miscellaneous (%)	0357	8.569	0.0016	8.017	0.4551	0.0784	16	1.21	3%	0
001.99	Loss on Drying, Miscellaneous (%)	0019	8.608	0.0050	8.017	0.4551	0.0784	16	1.30	4%	0
002.00	Protein, Crude, Crude (%)	0169	17.59	0.4000				3			0
002.00	Protein, Crude, Crude (%)	2433	18.30	0.2000				3			0
002.00	Protein, Crude, Crude (%)	2397	19.50	0.1500				3			0
002.01	Protein, Crude, Auto Kjell-Foss (%)	2457	17.55	0.0750	17.74	0.1750	0.1185	17	-1.11	1%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	0968	17.56	0.0700	17.74	0.1750	0.1185	17	-1.07	1%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	2482	17.58	0.0500	17.74	0.1750	0.1185	17	-0.96	0%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	2193	17.63	0.0100	17.74	0.1750	0.1185	17	-0.67	0%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	2259	17.63	0.2330	17.74	0.1750	0.1185	17	-0.64	0%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	2325	17.64	0.0200	17.74	0.1750	0.1185	17	-0.59	0%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	2434	17.66	0.0000	17.74	0.1750	0.1185	17	-0.47	0%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	0870	17.67	0.3930	17.74	0.1750	0.1185	17	-0.42	0%	0

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			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
002.01	Protein, Crude, Auto Kjell-Foss (%)	2196	17.70	0.0000	17.74	0.1750	0.1185	17	-0.24	0%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	2188	17.72	0.0900	17.74	0.1750	0.1185	17	-0.16	0%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	0889	17.73	0.1800	17.74	0.1750	0.1185	17	-0.07	0%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	2195	17.87	0.1600	17.74	0.1750	0.1185	17	0.73	0%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	0848	17.88	0.0100	17.74	0.1750	0.1185	17	0.76	0%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	0652	17.90	0.0000	17.74	0.1750	0.1185	17	0.90	0%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	0674	17.92	0.0000	17.74	0.1750	0.1185	17	1.01	1%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	0685	18.04	0.2400	17.74	0.1750	0.1185	17	1.70	1%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	0656	18.26	0.0000	17.74	0.1750	0.1185	17	2.96	1%	0
002.02	Protein, Crude, Semiauto Autoanalyzer (%)	0066	17.69	0.0500				1			0
002.04	Protein, Crude, Copper Catalyst (%)	0504	17.84	0.2900				2			0
002.04	Protein, Crude, Copper Catalyst (%)	0722	17.85	0.0534				2			0
002.05	Protein, Crude, Copper, Boric Acid (%)	0622	17.20	0.2059	17.67	0.2488	0.0982	17	-1.88	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2006	17.31	0.1900	17.67	0.2488	0.0982	17	-1.47	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2192	17.33	0.0400	17.67	0.2488	0.0982	17	-1.37	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0689	17.45	0.1000	17.67	0.2488	0.0982	17	-0.89	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2022	17.54	0.0300	17.67	0.2488	0.0982	17	-0.55	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0643	17.66	0.0500	17.67	0.2488	0.0982	17	-0.06	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0651	17.66	0.1686	17.67	0.2488	0.0982	17	-0.04	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0354	17.68	0.0000	17.67	0.2488	0.0982	17	0.04	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2246	17.71	0.0400	17.67	0.2488	0.0982	17	0.16	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2392	17.75	0.2050	17.67	0.2488	0.0982	17	0.31	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0885	17.76	0.0039	17.67	0.2488	0.0982	17	0.36	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0948	17.80	0.1200	17.67	0.2488	0.0982	17	0.52	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2190	17.84	0.1100	17.67	0.2488	0.0982	17	0.66	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2337	17.85	0.0100	17.67	0.2488	0.0982	17	0.70	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0619	17.85	0.1000	17.67	0.2488	0.0982	17	0.72	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2199	17.90	0.0000	17.67	0.2488	0.0982	17	0.92	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2200	18.15	0.1000	17.67	0.2488	0.0982	17	1.92	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0939	17.65	0.7700	17.67	0.2488	0.0982	17	-0.10	0%	1
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0300	16.95	0.3000	17.90	0.2521	0.1434	108	-3.77	3%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2246	17.04	0.0200	17.90	0.2521	0.1434	108	-3.42	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0853	17.15	1.100	17.90	0.2521	0.1434	108	-2.98	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2388	17.30	1.000	17.90	0.2521	0.1434	108	-2.38	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0108	17.40	0.0500	17.90	0.2521	0.1434	108	-2.01	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0539	17.46	0.1300	17.90	0.2521	0.1434	108	-1.77	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0043	17.46	0.2380	17.90	0.2521	0.1434	108	-1.77	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0047	17.50	0.0000	17.90	0.2521	0.1434	108	-1.59	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0098	17.55	0.3000	17.90	0.2521	0.1434	108	-1.39	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0263	17.59	0.0130	17.90	0.2521	0.1434	108	-1.25	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2392	17.60	0.5930	17.90	0.2521	0.1434	108	-1.20	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0074	17.64	0.0100	17.90	0.2521	0.1434	108	-1.06	1%	0

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002.06	Protein, Crude, Combustion Nitrogen Analyzer	0089	17.64	0.0000	17.90	0.2521	0.1434	108	-1.04	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0003	17.65	0.1400	17.90	0.2521	0.1434	108	-1.00	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0016	17.65	0.1000	17.90	0.2521	0.1434	108	-1.00	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0242	17.65	0.1600	17.90	0.2521	0.1434	108	-1.00	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0510	17.65	0.1000	17.90	0.2521	0.1434	108	-1.00	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0613	17.65	0.3000	17.90	0.2521	0.1434	108	-1.00	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0646	17.65	0.1400	17.90	0.2521	0.1434	108	-1.00	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0407	17.65	0.1940	17.90	0.2521	0.1434	108	-0.98	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0294	17.67	0.0600	17.90	0.2521	0.1434	108	-0.92	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2174	17.69	0.1700	17.90	0.2521	0.1434	108	-0.86	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0202	17.70	0.2000	17.90	0.2521	0.1434	108	-0.80	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2089	17.73	0.0700	17.90	0.2521	0.1434	108	-0.70	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0644	17.74	0.0820	17.90	0.2521	0.1434	108	-0.65	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2022	17.75	0.0300	17.90	0.2521	0.1434	108	-0.62	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0027	17.75	0.0430	17.90	0.2521	0.1434	108	-0.61	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0953	17.75	0.1800	17.90	0.2521	0.1434	108	-0.60	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2319	17.75	0.1000	17.90	0.2521	0.1434	108	-0.60	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0013	17.76	0.1900	17.90	0.2521	0.1434	108	-0.58	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0028	17.76	0.3000	17.90	0.2521	0.1434	108	-0.56	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0035	17.77	0.0200	17.90	0.2521	0.1434	108	-0.52	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0918	17.78	0.0700	17.90	0.2521	0.1434	108	-0.50	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0675	17.79	0.1200	17.90	0.2521	0.1434	108	-0.44	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0939	17.79	0.1000	17.90	0.2521	0.1434	108	-0.44	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0505	17.80	0.0100	17.90	0.2521	0.1434	108	-0.42	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0529	17.80	0.5300	17.90	0.2521	0.1434	108	-0.42	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0590	17.81	0.0100	17.90	0.2521	0.1434	108	-0.38	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2115	17.81	0.0600	17.90	0.2521	0.1434	108	-0.36	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0546	17.83	0.1810	17.90	0.2521	0.1434	108	-0.30	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0504	17.83	0.0000	17.90	0.2521	0.1434	108	-0.28	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0009	17.84	0.1900	17.90	0.2521	0.1434	108	-0.26	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0598	17.84	0.2300	17.90	0.2521	0.1434	108	-0.26	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2150	17.84	0.0300	17.90	0.2521	0.1434	108	-0.26	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0870	17.84	0.1250	17.90	0.2521	0.1434	108	-0.25	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0100	17.84	0.0200	17.90	0.2521	0.1434	108	-0.24	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0948	17.85	0.0100	17.90	0.2521	0.1434	108	-0.22	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0010	17.85	0.1000	17.90	0.2521	0.1434	108	-0.20	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0726	17.85	0.0200	17.90	0.2521	0.1434	108	-0.20	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0876	17.85	0.3000	17.90	0.2521	0.1434	108	-0.20	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0859	17.85	0.1580	17.90	0.2521	0.1434	108	-0.19	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0941	17.88	0.1500	17.90	0.2521	0.1434	108	-0.10	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2184	17.89	0.1500	17.90	0.2521	0.1434	108	-0.06	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0357	17.89	0.0063	17.90	0.2521	0.1434	108	-0.04	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	0014	17.90	0.0000	17.90	0.2521	0.1434	108	0.00	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0049	17.90	0.2000	17.90	0.2521	0.1434	108	0.00	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0619	17.90	0.0000	17.90	0.2521	0.1434	108	0.00	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0692	17.90	0.0000	17.90	0.2521	0.1434	108	0.00	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0910	17.90	0.4000	17.90	0.2521	0.1434	108	0.00	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0144	17.92	0.0100	17.90	0.2521	0.1434	108	0.06	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0968	17.92	0.1300	17.90	0.2521	0.1434	108	0.06	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2059	17.92	0.0062	17.90	0.2521	0.1434	108	0.07	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0004	17.93	0.0800	17.90	0.2521	0.1434	108	0.12	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0520	17.94	0.1250	17.90	0.2521	0.1434	108	0.15	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0693	17.94	0.1250	17.90	0.2521	0.1434	108	0.15	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0011	17.94	0.0600	17.90	0.2521	0.1434	108	0.16	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0353	17.94	0.1200	17.90	0.2521	0.1434	108	0.16	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0045	17.95	0.1000	17.90	0.2521	0.1434	108	0.19	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0610	17.95	0.0000	17.90	0.2521	0.1434	108	0.19	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0848	17.95	0.1000	17.90	0.2521	0.1434	108	0.19	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0345	17.95	0.7000	17.90	0.2521	0.1434	108	0.19	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0226	17.97	0.2200	17.90	0.2521	0.1434	108	0.27	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0354	17.99	0.0900	17.90	0.2521	0.1434	108	0.33	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0723	17.99	0.1000	17.90	0.2521	0.1434	108	0.35	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2168	18.02	0.2600	17.90	0.2521	0.1434	108	0.47	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0872	18.02	0.0180	17.90	0.2521	0.1434	108	0.48	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0298	18.05	0.0200	17.90	0.2521	0.1434	108	0.59	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	1019	18.05	0.0200	17.90	0.2521	0.1434	108	0.59	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0017	18.05	0.1000	17.90	0.2521	0.1434	108	0.59	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0956	18.05	0.5000	17.90	0.2521	0.1434	108	0.59	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2349	18.05	0.1000	17.90	0.2521	0.1434	108	0.59	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0018	18.08	0.1400	17.90	0.2521	0.1434	108	0.71	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0001	18.10	0.1700	17.90	0.2521	0.1434	108	0.77	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0413	18.10	0.2000	17.90	0.2521	0.1434	108	0.79	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0171	18.12	0.0200	17.90	0.2521	0.1434	108	0.87	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0511	18.12	0.0200	17.90	0.2521	0.1434	108	0.87	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0656	18.12	0.0000	17.90	0.2521	0.1434	108	0.87	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0019	18.13	0.7000	17.90	0.2521	0.1434	108	0.91	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0036	18.14	0.2750	17.90	0.2521	0.1434	108	0.94	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0033	18.15	0.1000	17.90	0.2521	0.1434	108	0.99	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2129	18.17	0.7970	17.90	0.2521	0.1434	108	1.08	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0006	18.19	0.1600	17.90	0.2521	0.1434	108	1.15	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0278	18.19	0.1400	17.90	0.2521	0.1434	108	1.15	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0186	18.21	0.0500	17.90	0.2521	0.1434	108	1.21	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0541	18.21	0.4000	17.90	0.2521	0.1434	108	1.23	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0358	18.22	0.1600	17.90	0.2521	0.1434	108	1.27	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	
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0190	18.24	0.0500	17.90	0.2521	0.1434	108	1.33	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0148	18.24	0.1420	17.90	0.2521	0.1434	108	1.36	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0682	18.26	0.0000	17.90	0.2521	0.1434	108	1.42	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0574	18.29	0.0400	17.90	0.2521	0.1434	108	1.54	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0843	18.29	0.2600	17.90	0.2521	0.1434	108	1.54	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0083	18.30	0.0100	17.90	0.2521	0.1434	108	1.56	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2476	18.38	0.6710	17.90	0.2521	0.1434	108	1.89	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0687	18.39	0.2500	17.90	0.2521	0.1434	108	1.92	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2076	18.42	0.2310	17.90	0.2521	0.1434	108	2.06	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0034	18.47	0.2400	17.90	0.2521	0.1434	108	2.26	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0618	18.48	0.0200	17.90	0.2521	0.1434	108	2.31	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2326	20.20	1.400	17.90	0.2521	0.1434	108	9.12	6%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0571	14.68	3.840	17.90	0.2521	0.1434	108	-12.78	9%	1
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2453	13.97	0.5600	17.90	0.2521	0.1434	108	-15.60	11%	2
002.08	Protein, Crude, Cu/Ti (%)	0098	17.94	0.0000				1			0
002.11	Protein, Crude, NIR (%)	0613	17.45	0.1800	21.32	3.656	0.2100	9	-1.06	9%	0
002.11	Protein, Crude, NIR (%)	0885	18.27	0.1200	21.32	3.656	0.2100	9	-0.83	7%	0
002.11	Protein, Crude, NIR (%)	0889	18.34	0.0100	21.32	3.656	0.2100	9	-0.82	7%	0
002.11	Protein, Crude, NIR (%)	2386	19.85	0.0700	21.32	3.656	0.2100	9	-0.40	3%	0
002.11	Protein, Crude, NIR (%)	2303	20.61	0.2800	21.32	3.656	0.2100	9	-0.19	2%	0
002.11	Protein, Crude, NIR (%)	2174	22.80	0.3600	21.32	3.656	0.2100	9	0.40	3%	0
002.11	Protein, Crude, NIR (%)	2388	22.92	0.3800	21.32	3.656	0.2100	9	0.44	4%	0
002.11	Protein, Crude, NIR (%)	2387	24.85	0.0000	21.32	3.656	0.2100	9	0.97	8%	0
002.11	Protein, Crude, NIR (%)	2105	32.76	0.2800	21.32	3.656	0.2100	9	3.13	27%	0
002.99	Protein, Crude, Miscellaneous (%)	0875	17.64	0.0200				2			0
002.99	Protein, Crude, Miscellaneous (%)	0160	17.95	0.1000				2			0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2457	2.285	0.2500	2.835	0.2548	0.1269	12	-2.16	10%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2337	2.635	0.0700	2.835	0.2548	0.1269	12	-0.78	4%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0345	2.655	0.0900	2.835	0.2548	0.1269	12	-0.71	3%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2190	2.665	0.1900	2.835	0.2548	0.1269	12	-0.67	3%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2192	2.725	0.0700	2.835	0.2548	0.1269	12	-0.43	2%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2325	2.785	0.0100	2.835	0.2548	0.1269	12	-0.20	1%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0011	2.850	0.0600	2.835	0.2548	0.1269	12	0.06	0%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0043	2.925	0.0554	2.835	0.2548	0.1269	12	0.35	2%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2482	2.930	0.2200	2.835	0.2548	0.1269	12	0.37	2%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0035	3.080	0.1600	2.835	0.2548	0.1269	12	0.96	4%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0017	3.100	0.0000	2.835	0.2548	0.1269	12	1.04	5%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0885	3.243	0.2200	2.835	0.2548	0.1269	12	1.60	7%	0
003.01	Fat, Crude, Diethyl Ether Ext (13th ed.), Indirec	0504	2.815	0.0100				1			0
003.06	Fat, Crude, Pet Ether (%)	0939	2.395	0.0100	2.760	0.2856	0.0490	12	-1.28	7%	0
003.06	Fat, Crude, Pet Ether (%)	0674	2.400	0.0000	2.760	0.2856	0.0490	12	-1.26	7%	0
003.06	Fat, Crude, Pet Ether (%)	0169	2.530	0.0600	2.760	0.2856	0.0490	12	-0.80	4%	0

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003.06	Fat, Crude, Pet Ether (%)	2392	2.608	0.0350	2.760	0.2856	0.0490	12	-0.53	3%	0
003.06	Fat, Crude, Pet Ether (%)	0675	2.655	0.0100	2.760	0.2856	0.0490	12	-0.37	2%	0
003.06	Fat, Crude, Pet Ether (%)	0968	2.720	0.0000	2.760	0.2856	0.0490	12	-0.14	1%	0
003.06	Fat, Crude, Pet Ether (%)	0689	2.850	0.1000	2.760	0.2856	0.0490	12	0.32	2%	0
003.06	Fat, Crude, Pet Ether (%)	0687	2.875	0.0500	2.760	0.2856	0.0490	12	0.40	2%	0
003.06	Fat, Crude, Pet Ether (%)	0682	2.900	0.0000	2.760	0.2856	0.0490	12	0.49	3%	0
003.06	Fat, Crude, Pet Ether (%)	0910	2.935	0.2700	2.760	0.2856	0.0490	12	0.61	3%	0
003.06	Fat, Crude, Pet Ether (%)	0644	3.062	0.0020	2.760	0.2856	0.0490	12	1.06	5%	0
003.06	Fat, Crude, Pet Ether (%)	0656	3.300	0.0000	2.760	0.2856	0.0490	12	1.89	10%	0
003.06	Fat, Crude, Pet Ether (%)	0918	2.570	0.5200	2.760	0.2856	0.0490	12	-0.66	3%	1
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0004	2.800	0.0200	2.937	0.1336	0.0484	10	-1.02	2%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0027	2.818	0.0020	2.937	0.1336	0.0484	10	-0.89	2%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0013	2.865	0.1900	2.937	0.1336	0.0484	10	-0.54	1%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0722	2.865	0.0174	2.937	0.1336	0.0484	10	-0.53	1%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0098	2.875	0.0100	2.937	0.1336	0.0484	10	-0.46	1%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0948	2.910	0.0200	2.937	0.1336	0.0484	10	-0.20	0%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0354	2.970	0.0200	2.937	0.1336	0.0484	10	0.25	1%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	2349	3.015	0.0100	2.937	0.1336	0.0484	10	0.59	1%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0353	3.110	0.1400	2.937	0.1336	0.0484	10	1.30	3%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0685	3.230	0.1000	2.937	0.1336	0.0484	10	2.20	5%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	2476	2.947	0.4270	2.937	0.1336	0.0484	10	0.07	0%	1
003.10	Fat, Crude, Randall, Pet Ether (%)	0619	2.475	0.0700	2.723	0.2065	0.0789	23	-1.20	5%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0242	2.505	0.0100	2.723	0.2065	0.0789	23	-1.06	4%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0036	2.536	0.1127	2.723	0.2065	0.0789	23	-0.91	3%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0693	2.544	0.2760	2.723	0.2065	0.0789	23	-0.87	3%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0263	2.545	0.0400	2.723	0.2065	0.0789	23	-0.86	3%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0045	2.550	0.1200	2.723	0.2065	0.0789	23	-0.84	3%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2196	2.560	0.0000	2.723	0.2065	0.0789	23	-0.79	3%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0622	2.613	0.0395	2.723	0.2065	0.0789	23	-0.53	2%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2022	2.620	0.0400	2.723	0.2065	0.0789	23	-0.50	2%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0098	2.660	0.0400	2.723	0.2065	0.0789	23	-0.30	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2188	2.660	0.0000	2.723	0.2065	0.0789	23	-0.30	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0870	2.675	0.0377	2.723	0.2065	0.0789	23	-0.23	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0100	2.690	0.0600	2.723	0.2065	0.0789	23	-0.16	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0889	2.695	0.3300	2.723	0.2065	0.0789	23	-0.14	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2434	2.750	0.0000	2.723	0.2065	0.0789	23	0.13	0%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0689	2.800	0.0000	2.723	0.2065	0.0789	23	0.37	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2319	2.900	0.0000	2.723	0.2065	0.0789	23	0.86	3%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0541	2.920	0.1400	2.723	0.2065	0.0789	23	0.95	4%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0148	2.950	0.0400	2.723	0.2065	0.0789	23	1.10	4%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2193	2.950	0.0400	2.723	0.2065	0.0789	23	1.10	4%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2195	2.965	0.0100	2.723	0.2065	0.0789	23	1.17	4%	0

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003.10	Fat, Crude, Randall, Pet Ether (%)	0610	3.035	0.0900	2.723	0.2065	0.0789	23	1.51	6%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0618	3.045	0.3830	2.723	0.2065	0.0789	23	1.56	6%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2184	3.615	0.7900	2.723	0.2065	0.0789	23	4.32	16%	1
003.11	Fat, Crude, NIR (%)	2388	0.4500	0.1400	4.445	3.561	0.2506	8	-1.12	45%	0
003.11	Fat, Crude, NIR (%)	0885	2.005	0.0500	4.445	3.561	0.2506	8	-0.69	27%	0
003.11	Fat, Crude, NIR (%)	0613	2.095	0.0300	4.445	3.561	0.2506	8	-0.66	26%	0
003.11	Fat, Crude, NIR (%)	0889	2.760	0.0400	4.445	3.561	0.2506	8	-0.47	19%	0
003.11	Fat, Crude, NIR (%)	2386	5.365	0.6100	4.445	3.561	0.2506	8	0.26	10%	0
003.11	Fat, Crude, NIR (%)	2174	6.025	0.1100	4.445	3.561	0.2506	8	0.44	18%	0
003.11	Fat, Crude, NIR (%)	2303	7.070	0.0000	4.445	3.561	0.2506	8	0.74	30%	0
003.11	Fat, Crude, NIR (%)	2105	10.13	1.080	4.445	3.561	0.2506	8	1.60	64%	0
003.11	Fat, Crude, NIR (%)	2387	0.0000	0.0000	4.445	3.561	0.2506	8			4
003.12	Fat, Crude, Hexane Ext (%)	2199	2.350	0.1000				3			0
003.12	Fat, Crude, Hexane Ext (%)	2200	2.550	0.1000				3			0
003.12	Fat, Crude, Hexane Ext (%)	0171	2.715	0.0300				3			0
003.12	Fat, Crude, Hexane Ext (%)	2326	7.190	0.4600				3			2
003.13	Fat, Crude, Randall, Hexane Ext. (%)	2246	2.460	0.0200	2.721	0.1722	0.1095	5			0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	0028	2.645	0.2300	2.721	0.1722	0.1095	5			0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	0098	2.800	0.2000	2.721	0.1722	0.1095	5			0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	2006	2.800	0.0600	2.721	0.1722	0.1095	5			0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	0870	2.900	0.0377	2.721	0.1722	0.1095	5			0
003.14	Fat, Crude, Ankom (%)	0581	2.295	0.2100	2.728	0.2154	0.1041	50	-2.01	8%	0
003.14	Fat, Crude, Ankom (%)	0019	2.365	0.1100	2.728	0.2154	0.1041	50	-1.69	7%	0
003.14	Fat, Crude, Ankom (%)	0692	2.405	0.1300	2.728	0.2154	0.1041	50	-1.50	6%	0
003.14	Fat, Crude, Ankom (%)	0108	2.440	0.2600	2.728	0.2154	0.1041	50	-1.34	5%	0
003.14	Fat, Crude, Ankom (%)	0619	2.460	0.1800	2.728	0.2154	0.1041	50	-1.24	5%	0
003.14	Fat, Crude, Ankom (%)	0613	2.465	0.1500	2.728	0.2154	0.1041	50	-1.22	5%	0
003.14	Fat, Crude, Ankom (%)	0186	2.475	0.0100	2.728	0.2154	0.1041	50	-1.17	5%	0
003.14	Fat, Crude, Ankom (%)	0848	2.490	0.1400	2.728	0.2154	0.1041	50	-1.11	4%	0
003.14	Fat, Crude, Ankom (%)	0675	2.495	0.0300	2.728	0.2154	0.1041	50	-1.08	4%	0
003.14	Fat, Crude, Ankom (%)	0144	2.505	0.3700	2.728	0.2154	0.1041	50	-1.04	4%	0
003.14	Fat, Crude, Ankom (%)	0034	2.555	0.1300	2.728	0.2154	0.1041	50	-0.80	3%	0
003.14	Fat, Crude, Ankom (%)	0202	2.585	0.1100	2.728	0.2154	0.1041	50	-0.66	3%	0
003.14	Fat, Crude, Ankom (%)	0956	2.600	0.0000	2.728	0.2154	0.1041	50	-0.59	2%	0
003.14	Fat, Crude, Ankom (%)	0529	2.615	0.1300	2.728	0.2154	0.1041	50	-0.52	2%	0
003.14	Fat, Crude, Ankom (%)	0358	2.620	0.0000	2.728	0.2154	0.1041	50	-0.50	2%	0
003.14	Fat, Crude, Ankom (%)	0505	2.630	0.1000	2.728	0.2154	0.1041	50	-0.46	2%	0
003.14	Fat, Crude, Ankom (%)	0066	2.635	0.1500	2.728	0.2154	0.1041	50	-0.43	2%	0
003.14	Fat, Crude, Ankom (%)	0407	2.644	0.0700	2.728	0.2154	0.1041	50	-0.39	2%	0
003.14	Fat, Crude, Ankom (%)	2129	2.650	0.1600	2.728	0.2154	0.1041	50	-0.36	1%	0
003.14	Fat, Crude, Ankom (%)	2076	2.675	0.0697	2.728	0.2154	0.1041	50	-0.25	1%	0
003.14	Fat, Crude, Ankom (%)	0035	2.700	0.0000	2.728	0.2154	0.1041	50	-0.13	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	
003.14	Fat, Crude, Ankom (%)	0853	2.700	0.0000	2.728	0.2154	0.1041	50	-0.13	1%	0
003.14	Fat, Crude, Ankom (%)	0598	2.705	0.0100	2.728	0.2154	0.1041	50	-0.11	0%	0
003.14	Fat, Crude, Ankom (%)	0049	2.710	0.2800	2.728	0.2154	0.1041	50	-0.08	0%	0
003.14	Fat, Crude, Ankom (%)	0682	2.740	0.0000	2.728	0.2154	0.1041	50	0.06	0%	0
003.14	Fat, Crude, Ankom (%)	0148	2.750	0.0200	2.728	0.2154	0.1041	50	0.10	0%	0
003.14	Fat, Crude, Ankom (%)	0171	2.750	0.0600	2.728	0.2154	0.1041	50	0.10	0%	0
003.14	Fat, Crude, Ankom (%)	0574	2.750	0.0400	2.728	0.2154	0.1041	50	0.10	0%	0
003.14	Fat, Crude, Ankom (%)	0300	2.760	0.2200	2.728	0.2154	0.1041	50	0.15	1%	0
003.14	Fat, Crude, Ankom (%)	0089	2.775	0.0100	2.728	0.2154	0.1041	50	0.22	1%	0
003.14	Fat, Crude, Ankom (%)	0033	2.780	0.0800	2.728	0.2154	0.1041	50	0.24	1%	0
003.14	Fat, Crude, Ankom (%)	0511	2.800	0.0400	2.728	0.2154	0.1041	50	0.33	1%	0
003.14	Fat, Crude, Ankom (%)	0013	2.805	0.0900	2.728	0.2154	0.1041	50	0.36	1%	0
003.14	Fat, Crude, Ankom (%)	0298	2.830	0.0200	2.728	0.2154	0.1041	50	0.47	2%	0
003.14	Fat, Crude, Ankom (%)	0968	2.835	0.1700	2.728	0.2154	0.1041	50	0.50	2%	0
003.14	Fat, Crude, Ankom (%)	0001	2.838	0.0430	2.728	0.2154	0.1041	50	0.51	2%	0
003.14	Fat, Crude, Ankom (%)	0083	2.840	0.1000	2.728	0.2154	0.1041	50	0.52	2%	0
003.14	Fat, Crude, Ankom (%)	0357	2.855	0.0700	2.728	0.2154	0.1041	50	0.59	2%	0
003.14	Fat, Crude, Ankom (%)	2433	2.858	0.1056	2.728	0.2154	0.1041	50	0.60	2%	0
003.14	Fat, Crude, Ankom (%)	0004	2.860	0.3600	2.728	0.2154	0.1041	50	0.61	2%	0
003.14	Fat, Crude, Ankom (%)	0278	2.930	0.0600	2.728	0.2154	0.1041	50	0.94	4%	0
003.14	Fat, Crude, Ankom (%)	0520	2.935	0.0900	2.728	0.2154	0.1041	50	0.96	4%	0
003.14	Fat, Crude, Ankom (%)	0226	2.970	0.0800	2.728	0.2154	0.1041	50	1.12	4%	0
003.14	Fat, Crude, Ankom (%)	0948	2.980	0.0000	2.728	0.2154	0.1041	50	1.17	5%	0
003.14	Fat, Crude, Ankom (%)	0009	3.010	0.0200	2.728	0.2154	0.1041	50	1.31	5%	0
003.14	Fat, Crude, Ankom (%)	0510	3.015	0.0300	2.728	0.2154	0.1041	50	1.33	5%	0
003.14	Fat, Crude, Ankom (%)	0723	3.015	0.1700	2.728	0.2154	0.1041	50	1.33	5%	0
003.14	Fat, Crude, Ankom (%)	0726	3.125	0.0300	2.728	0.2154	0.1041	50	1.84	7%	0
003.14	Fat, Crude, Ankom (%)	0190	3.150	0.0200	2.728	0.2154	0.1041	50	1.96	8%	0
003.14	Fat, Crude, Ankom (%)	0413	3.155	0.2700	2.728	0.2154	0.1041	50	1.98	8%	0
003.14	Fat, Crude, Ankom (%)	0003	2.710	0.4800	2.728	0.2154	0.1041	50	-0.08	0%	1
003.99	Fat, Crude, Miscellaneous (%)	0546	2.195	0.0100				3			0
003.99	Fat, Crude, Miscellaneous (%)	0536	2.925	0.0100				3			0
003.99	Fat, Crude, Miscellaneous (%)	1019	7.120	0.6000				3			0
004.00	Fiber, Crude, Asbestos Free (%)	0169	4.405	0.0300	4.932	0.6112	0.2361	8	-0.86	5%	0
004.00	Fiber, Crude, Asbestos Free (%)	0186	4.555	0.2100	4.932	0.6112	0.2361	8	-0.62	4%	0
004.00	Fiber, Crude, Asbestos Free (%)	0013	4.560	0.2200	4.932	0.6112	0.2361	8	-0.61	4%	0
004.00	Fiber, Crude, Asbestos Free (%)	0017	4.700	0.2000	4.932	0.6112	0.2361	8	-0.38	2%	0
004.00	Fiber, Crude, Asbestos Free (%)	0345	4.765	0.1100	4.932	0.6112	0.2361	8	-0.27	2%	0
004.00	Fiber, Crude, Asbestos Free (%)	0171	4.950	0.0000	4.932	0.6112	0.2361	8	0.03	0%	0
004.00	Fiber, Crude, Asbestos Free (%)	2326	5.675	0.5700	4.932	0.6112	0.2361	8	1.21	8%	0
004.00	Fiber, Crude, Asbestos Free (%)	2076	9.199	0.3740	4.932	0.6112	0.2361	8	6.98	43%	0
004.03	Fiber, Crude, Fritted Glass (%)	0353	4.145	0.1500	5.109	1.173	0.1275	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			
004.03	Fiber, Crude, Fritted Glass (%)	2089	4.475	0.0300	5.109	1.173	0.1275	4			0
004.03	Fiber, Crude, Fritted Glass (%)	2192	5.035	0.2300	5.109	1.173	0.1275	4			0
004.03	Fiber, Crude, Fritted Glass (%)	2246	6.780	0.1000	5.109	1.173	0.1275	4			0
004.06	Fiber, Crude, Fibertec (%)	2319	3.900	0.0000	4.514	0.3996	0.1264	15	-1.54	7%	0
004.06	Fiber, Crude, Fibertec (%)	0674	4.020	0.0000	4.514	0.3996	0.1264	15	-1.24	5%	0
004.06	Fiber, Crude, Fibertec (%)	0918	4.140	0.0200	4.514	0.3996	0.1264	15	-0.93	4%	0
004.06	Fiber, Crude, Fibertec (%)	0968	4.290	0.0600	4.514	0.3996	0.1264	15	-0.56	2%	0
004.06	Fiber, Crude, Fibertec (%)	2199	4.300	0.4000	4.514	0.3996	0.1264	15	-0.53	2%	0
004.06	Fiber, Crude, Fibertec (%)	2022	4.425	0.0300	4.514	0.3996	0.1264	15	-0.22	1%	0
004.06	Fiber, Crude, Fibertec (%)	0038	4.440	0.3000	4.514	0.3996	0.1264	15	-0.18	1%	0
004.06	Fiber, Crude, Fibertec (%)	0941	4.525	0.2300	4.514	0.3996	0.1264	15	0.03	0%	0
004.06	Fiber, Crude, Fibertec (%)	2349	4.550	0.1000	4.514	0.3996	0.1264	15	0.09	0%	0
004.06	Fiber, Crude, Fibertec (%)	0098	4.650	0.0400	4.514	0.3996	0.1264	15	0.34	2%	0
004.06	Fiber, Crude, Fibertec (%)	0689	4.700	0.0000	4.514	0.3996	0.1264	15	0.47	2%	0
004.06	Fiber, Crude, Fibertec (%)	2006	4.710	0.0400	4.514	0.3996	0.1264	15	0.49	2%	0
004.06	Fiber, Crude, Fibertec (%)	0610	4.840	0.2600	4.514	0.3996	0.1264	15	0.82	4%	0
004.06	Fiber, Crude, Fibertec (%)	0722	5.086	0.0527	4.514	0.3996	0.1264	15	1.43	6%	0
004.06	Fiber, Crude, Fibertec (%)	0685	5.750	0.0600	4.514	0.3996	0.1264	15	3.09	14%	0
004.06	Fiber, Crude, Fibertec (%)	2200	3.050	0.7000	4.514	0.3996	0.1264	15	-3.66	16%	1
004.07	Fiber, Crude, ANKOM (%)	0045	3.525	2.010	4.947	0.9736	0.1966	71	-1.46	14%	0
004.07	Fiber, Crude, ANKOM (%)	0646	3.635	0.0300	4.947	0.9736	0.1966	71	-1.35	13%	0
004.07	Fiber, Crude, ANKOM (%)	0202	3.710	0.1800	4.947	0.9736	0.1966	71	-1.27	13%	0
004.07	Fiber, Crude, ANKOM (%)	0098	3.770	0.2400	4.947	0.9736	0.1966	71	-1.21	12%	0
004.07	Fiber, Crude, ANKOM (%)	0619	3.880	0.0400	4.947	0.9736	0.1966	71	-1.10	11%	0
004.07	Fiber, Crude, ANKOM (%)	2457	3.900	0.2000	4.947	0.9736	0.1966	71	-1.08	11%	0
004.07	Fiber, Crude, ANKOM (%)	0242	4.010	0.0400	4.947	0.9736	0.1966	71	-0.96	9%	0
004.07	Fiber, Crude, ANKOM (%)	0870	4.020	0.0445	4.947	0.9736	0.1966	71	-0.95	9%	0
004.07	Fiber, Crude, ANKOM (%)	0682	4.100	0.0000	4.947	0.9736	0.1966	71	-0.87	9%	0
004.07	Fiber, Crude, ANKOM (%)	0413	4.105	0.1900	4.947	0.9736	0.1966	71	-0.86	9%	0
004.07	Fiber, Crude, ANKOM (%)	0644	4.122	0.0140	4.947	0.9736	0.1966	71	-0.85	8%	0
004.07	Fiber, Crude, ANKOM (%)	2337	4.125	0.1900	4.947	0.9736	0.1966	71	-0.84	8%	0
004.07	Fiber, Crude, ANKOM (%)	0100	4.145	0.3300	4.947	0.9736	0.1966	71	-0.82	8%	0
004.07	Fiber, Crude, ANKOM (%)	0505	4.145	0.0500	4.947	0.9736	0.1966	71	-0.82	8%	0
004.07	Fiber, Crude, ANKOM (%)	0885	4.146	0.0280	4.947	0.9736	0.1966	71	-0.82	8%	0
004.07	Fiber, Crude, ANKOM (%)	0028	4.250	0.5000	4.947	0.9736	0.1966	71	-0.72	7%	0
004.07	Fiber, Crude, ANKOM (%)	0510	4.250	0.3000	4.947	0.9736	0.1966	71	-0.72	7%	0
004.07	Fiber, Crude, ANKOM (%)	0968	4.250	0.0400	4.947	0.9736	0.1966	71	-0.72	7%	0
004.07	Fiber, Crude, ANKOM (%)	0723	4.255	0.1900	4.947	0.9736	0.1966	71	-0.71	7%	0
004.07	Fiber, Crude, ANKOM (%)	0407	4.267	0.2664	4.947	0.9736	0.1966	71	-0.70	7%	0
004.07	Fiber, Crude, ANKOM (%)	0300	4.365	0.3300	4.947	0.9736	0.1966	71	-0.60	6%	0
004.07	Fiber, Crude, ANKOM (%)	0144	4.395	0.3100	4.947	0.9736	0.1966	71	-0.57	6%	0
004.07	Fiber, Crude, ANKOM (%)	2325	4.395	0.0300	4.947	0.9736	0.1966	71	-0.57	6%	0

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			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
004.07	Fiber, Crude, ANKOM (%)	2482	4.405	0.0100	4.947	0.9736	0.1966	71	-0.56	5%	0
004.07	Fiber, Crude, ANKOM (%)	0083	4.430	0.0400	4.947	0.9736	0.1966	71	-0.53	5%	0
004.07	Fiber, Crude, ANKOM (%)	0011	4.435	0.0300	4.947	0.9736	0.1966	71	-0.53	5%	0
004.07	Fiber, Crude, ANKOM (%)	0656	4.460	0.0000	4.947	0.9736	0.1966	71	-0.50	5%	0
004.07	Fiber, Crude, ANKOM (%)	0910	4.500	0.2000	4.947	0.9736	0.1966	71	-0.46	5%	0
004.07	Fiber, Crude, ANKOM (%)	2196	4.520	0.0000	4.947	0.9736	0.1966	71	-0.44	4%	0
004.07	Fiber, Crude, ANKOM (%)	0675	4.530	0.0400	4.947	0.9736	0.1966	71	-0.43	4%	0
004.07	Fiber, Crude, ANKOM (%)	0848	4.530	0.0200	4.947	0.9736	0.1966	71	-0.43	4%	0
004.07	Fiber, Crude, ANKOM (%)	0956	4.550	0.1000	4.947	0.9736	0.1966	71	-0.41	4%	0
004.07	Fiber, Crude, ANKOM (%)	2434	4.560	0.0000	4.947	0.9736	0.1966	71	-0.40	4%	0
004.07	Fiber, Crude, ANKOM (%)	0013	4.615	0.6300	4.947	0.9736	0.1966	71	-0.34	3%	0
004.07	Fiber, Crude, ANKOM (%)	0643	4.740	0.0400	4.947	0.9736	0.1966	71	-0.21	2%	0
004.07	Fiber, Crude, ANKOM (%)	0354	4.750	0.0600	4.947	0.9736	0.1966	71	-0.20	2%	0
004.07	Fiber, Crude, ANKOM (%)	2022	4.770	0.0400	4.947	0.9736	0.1966	71	-0.18	2%	0
004.07	Fiber, Crude, ANKOM (%)	0948	4.815	0.1700	4.947	0.9736	0.1966	71	-0.14	1%	0
004.07	Fiber, Crude, ANKOM (%)	0003	4.825	0.5700	4.947	0.9736	0.1966	71	-0.13	1%	0
004.07	Fiber, Crude, ANKOM (%)	0074	4.895	0.5900	4.947	0.9736	0.1966	71	-0.05	1%	0
004.07	Fiber, Crude, ANKOM (%)	0019	4.905	0.6500	4.947	0.9736	0.1966	71	-0.04	0%	0
004.07	Fiber, Crude, ANKOM (%)	0263	4.964	0.0010	4.947	0.9736	0.1966	71	0.02	0%	0
004.07	Fiber, Crude, ANKOM (%)	0504	5.050	0.2200	4.947	0.9736	0.1966	71	0.11	1%	0
004.07	Fiber, Crude, ANKOM (%)	0034	5.155	0.2900	4.947	0.9736	0.1966	71	0.21	2%	0
004.07	Fiber, Crude, ANKOM (%)	2259	5.166	0.0100	4.947	0.9736	0.1966	71	0.22	2%	0
004.07	Fiber, Crude, ANKOM (%)	2433	5.200	0.2000	4.947	0.9736	0.1966	71	0.26	3%	0
004.07	Fiber, Crude, ANKOM (%)	0520	5.225	0.1900	4.947	0.9736	0.1966	71	0.29	3%	0
004.07	Fiber, Crude, ANKOM (%)	0226	5.250	0.1600	4.947	0.9736	0.1966	71	0.31	3%	0
004.07	Fiber, Crude, ANKOM (%)	2392	5.295	0.2500	4.947	0.9736	0.1966	71	0.36	4%	0
004.07	Fiber, Crude, ANKOM (%)	0298	5.330	0.0200	4.947	0.9736	0.1966	71	0.39	4%	0
004.07	Fiber, Crude, ANKOM (%)	0511	5.350	0.5000	4.947	0.9736	0.1966	71	0.41	4%	0
004.07	Fiber, Crude, ANKOM (%)	0939	5.380	0.4000	4.947	0.9736	0.1966	71	0.44	4%	0
004.07	Fiber, Crude, ANKOM (%)	2190	5.540	0.1200	4.947	0.9736	0.1966	71	0.61	6%	0
004.07	Fiber, Crude, ANKOM (%)	0009	5.555	0.1300	4.947	0.9736	0.1966	71	0.62	6%	0
004.07	Fiber, Crude, ANKOM (%)	0529	5.705	0.1100	4.947	0.9736	0.1966	71	0.78	8%	0
004.07	Fiber, Crude, ANKOM (%)	2195	5.730	0.7000	4.947	0.9736	0.1966	71	0.80	8%	0
004.07	Fiber, Crude, ANKOM (%)	0692	5.750	0.1000	4.947	0.9736	0.1966	71	0.82	8%	0
004.07	Fiber, Crude, ANKOM (%)	2476	5.940	0.0290	4.947	0.9736	0.1966	71	1.02	10%	0
004.07	Fiber, Crude, ANKOM (%)	0536	5.995	0.2900	4.947	0.9736	0.1966	71	1.08	11%	0
004.07	Fiber, Crude, ANKOM (%)	2188	6.290	0.0000	4.947	0.9736	0.1966	71	1.38	14%	0
004.07	Fiber, Crude, ANKOM (%)	0043	6.300	1.980	4.947	0.9736	0.1966	71	1.39	14%	0
004.07	Fiber, Crude, ANKOM (%)	0016	6.410	0.2400	4.947	0.9736	0.1966	71	1.50	15%	0
004.07	Fiber, Crude, ANKOM (%)	0693	6.767	0.9080	4.947	0.9736	0.1966	71	1.87	18%	0
004.07	Fiber, Crude, ANKOM (%)	0190	7.450	0.1000	4.947	0.9736	0.1966	71	2.57	25%	0
004.07	Fiber, Crude, ANKOM (%)	2193	8.005	0.1900	4.947	0.9736	0.1966	71	3.14	31%	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 (%)	0598	8.540	0.0600	4.947	0.9736	0.1966	71	3.69	36%	0
004.07	Fiber, Crude, ANKOM (%)	0004	8.950	0.5200	4.947	0.9736	0.1966	71	4.11	40%	0
004.07	Fiber, Crude, ANKOM (%)	0278	9.370	0.1200	4.947	0.9736	0.1966	71	4.54	45%	0
004.07	Fiber, Crude, ANKOM (%)	0726	9.460	0.1800	4.947	0.9736	0.1966	71	4.64	46%	0
004.07	Fiber, Crude, ANKOM (%)	0581	9.780	2.900	4.947	0.9736	0.1966	71	4.96	49%	0
004.07	Fiber, Crude, ANKOM (%)	0089	9.830	0.1200	4.947	0.9736	0.1966	71	5.02	49%	0
004.07	Fiber, Crude, ANKOM (%)	0613	10.98	11.23	4.947	0.9736	0.1966	71	6.19	61%	1
004.11	Fiber, Crude, NIR (%)	2388	3.275	0.0300	5.848	2.974	0.1380	8	-0.87	22%	0
004.11	Fiber, Crude, NIR (%)	2387	3.560	0.0000	5.848	2.974	0.1380	8	-0.77	20%	0
004.11	Fiber, Crude, NIR (%)	2386	4.455	0.4100	5.848	2.974	0.1380	8	-0.47	12%	0
004.11	Fiber, Crude, NIR (%)	0889	4.883	0.0450	5.848	2.974	0.1380	8	-0.32	8%	0
004.11	Fiber, Crude, NIR (%)	0885	5.140	0.1600	5.848	2.974	0.1380	8	-0.24	6%	0
004.11	Fiber, Crude, NIR (%)	0613	5.670	0.2600	5.848	2.974	0.1380	8	-0.06	2%	0
004.11	Fiber, Crude, NIR (%)	2174	9.825	0.0100	5.848	2.974	0.1380	8	1.34	34%	0
004.11	Fiber, Crude, NIR (%)	2303	9.980	0.1000	5.848	2.974	0.1380	8	1.39	35%	0
004.99	Fiber, Crude, Miscellaneous (%)	2129	5.195	1.470				1			0
005.00	Ash, 2h @ 600°C (%)	1019	8.365	0.4900	11.63	0.4757	0.0965	84	-6.86	14%	0
005.00	Ash, 2h @ 600°C (%)	2184	8.865	0.4500	11.63	0.4757	0.0965	84	-5.81	12%	0
005.00	Ash, 2h @ 600°C (%)	0169	9.225	0.0100	11.63	0.4757	0.0965	84	-5.06	10%	0
005.00	Ash, 2h @ 600°C (%)	0918	9.705	0.3700	11.63	0.4757	0.0965	84	-4.05	8%	0
005.00	Ash, 2h @ 600°C (%)	0186	9.767	0.2183	11.63	0.4757	0.0965	84	-3.92	8%	0
005.00	Ash, 2h @ 600°C (%)	0539	9.895	0.1100	11.63	0.4757	0.0965	84	-3.65	7%	0
005.00	Ash, 2h @ 600°C (%)	0278	10.30	0.4000	11.63	0.4757	0.0965	84	-2.80	6%	0
005.00	Ash, 2h @ 600°C (%)	0049	10.35	0.1600	11.63	0.4757	0.0965	84	-2.69	6%	0
005.00	Ash, 2h @ 600°C (%)	0011	10.52	0.0500	11.63	0.4757	0.0965	84	-2.34	5%	0
005.00	Ash, 2h @ 600°C (%)	0357	10.65	0.1000	11.63	0.4757	0.0965	84	-2.06	4%	0
005.00	Ash, 2h @ 600°C (%)	2349	10.65	0.3000	11.63	0.4757	0.0965	84	-2.06	4%	0
005.00	Ash, 2h @ 600°C (%)	0144	10.66	0.0100	11.63	0.4757	0.0965	84	-2.05	4%	0
005.00	Ash, 2h @ 600°C (%)	0574	10.71	0.2900	11.63	0.4757	0.0965	84	-1.95	4%	0
005.00	Ash, 2h @ 600°C (%)	2325	10.95	0.0000	11.63	0.4757	0.0965	84	-1.43	3%	0
005.00	Ash, 2h @ 600°C (%)	0598	10.96	0.0300	11.63	0.4757	0.0965	84	-1.42	3%	0
005.00	Ash, 2h @ 600°C (%)	0853	11.00	0.4000	11.63	0.4757	0.0965	84	-1.33	3%	0
005.00	Ash, 2h @ 600°C (%)	0089	11.02	0.0100	11.63	0.4757	0.0965	84	-1.29	3%	0
005.00	Ash, 2h @ 600°C (%)	0953	11.19	0.1100	11.63	0.4757	0.0965	84	-0.94	2%	0
005.00	Ash, 2h @ 600°C (%)	0675	11.22	0.0200	11.63	0.4757	0.0965	84	-0.86	2%	0
005.00	Ash, 2h @ 600°C (%)	0520	11.24	0.6100	11.63	0.4757	0.0965	84	-0.83	2%	0
005.00	Ash, 2h @ 600°C (%)	2199	11.25	0.1000	11.63	0.4757	0.0965	84	-0.80	2%	0
005.00	Ash, 2h @ 600°C (%)	2022	11.33	0.1500	11.63	0.4757	0.0965	84	-0.64	1%	0
005.00	Ash, 2h @ 600°C (%)	0505	11.39	0.0700	11.63	0.4757	0.0965	84	-0.52	1%	0
005.00	Ash, 2h @ 600°C (%)	0622	11.40	0.0237	11.63	0.4757	0.0965	84	-0.49	1%	0
005.00	Ash, 2h @ 600°C (%)	2433	11.54	0.0049	11.63	0.4757	0.0965	84	-0.20	0%	0
005.00	Ash, 2h @ 600°C (%)	0723	11.56	0.1100	11.63	0.4757	0.0965	84	-0.16	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	
005.00	Ash, 2h @ 600°C (%)	0004	11.57	0.0200	11.63	0.4757	0.0965	84	-0.13	0%	0
005.00	Ash, 2h @ 600°C (%)	0651	11.58	0.0088	11.63	0.4757	0.0965	84	-0.11	0%	0
005.00	Ash, 2h @ 600°C (%)	0510	11.58	0.5600	11.63	0.4757	0.0965	84	-0.11	0%	0
005.00	Ash, 2h @ 600°C (%)	0083	11.59	0.0100	11.63	0.4757	0.0965	84	-0.10	0%	0
005.00	Ash, 2h @ 600°C (%)	0876	11.60	0.2000	11.63	0.4757	0.0965	84	-0.06	0%	0
005.00	Ash, 2h @ 600°C (%)	0848	11.62	0.0000	11.63	0.4757	0.0965	84	-0.02	0%	0
005.00	Ash, 2h @ 600°C (%)	2434	11.62	0.0000	11.63	0.4757	0.0965	84	-0.02	0%	0
005.00	Ash, 2h @ 600°C (%)	0108	11.65	0.0700	11.63	0.4757	0.0965	84	0.03	0%	0
005.00	Ash, 2h @ 600°C (%)	2200	11.65	0.3000	11.63	0.4757	0.0965	84	0.04	0%	0
005.00	Ash, 2h @ 600°C (%)	2397	11.71	0.1400	11.63	0.4757	0.0965	84	0.17	0%	0
005.00	Ash, 2h @ 600°C (%)	0541	11.73	0.0500	11.63	0.4757	0.0965	84	0.20	0%	0
005.00	Ash, 2h @ 600°C (%)	2337	11.73	0.0700	11.63	0.4757	0.0965	84	0.20	0%	0
005.00	Ash, 2h @ 600°C (%)	0646	11.73	0.0000	11.63	0.4757	0.0965	84	0.21	0%	0
005.00	Ash, 2h @ 600°C (%)	0242	11.75	0.1500	11.63	0.4757	0.0965	84	0.24	0%	0
005.00	Ash, 2h @ 600°C (%)	0358	11.76	0.0300	11.63	0.4757	0.0965	84	0.26	1%	0
005.00	Ash, 2h @ 600°C (%)	0298	11.76	0.0200	11.63	0.4757	0.0965	84	0.27	1%	0
005.00	Ash, 2h @ 600°C (%)	0033	11.80	0.0000	11.63	0.4757	0.0965	84	0.36	1%	0
005.00	Ash, 2h @ 600°C (%)	0674	11.80	0.0000	11.63	0.4757	0.0965	84	0.36	1%	0
005.00	Ash, 2h @ 600°C (%)	2188	11.80	0.0000	11.63	0.4757	0.0965	84	0.36	1%	0
005.00	Ash, 2h @ 600°C (%)	0035	11.82	0.0200	11.63	0.4757	0.0965	84	0.40	1%	0
005.00	Ash, 2h @ 600°C (%)	0722	11.84	0.2502	11.63	0.4757	0.0965	84	0.44	1%	0
005.00	Ash, 2h @ 600°C (%)	2195	11.85	0.0300	11.63	0.4757	0.0965	84	0.45	1%	0
005.00	Ash, 2h @ 600°C (%)	2196	11.85	0.0000	11.63	0.4757	0.0965	84	0.46	1%	0
005.00	Ash, 2h @ 600°C (%)	2392	11.85	0.1000	11.63	0.4757	0.0965	84	0.46	1%	0
005.00	Ash, 2h @ 600°C (%)	0353	11.87	0.0100	11.63	0.4757	0.0965	84	0.49	1%	0
005.00	Ash, 2h @ 600°C (%)	2326	11.87	0.0700	11.63	0.4757	0.0965	84	0.49	1%	0
005.00	Ash, 2h @ 600°C (%)	0407	11.87	0.0339	11.63	0.4757	0.0965	84	0.49	1%	0
005.00	Ash, 2h @ 600°C (%)	0100	11.88	0.0300	11.63	0.4757	0.0965	84	0.51	1%	0
005.00	Ash, 2h @ 600°C (%)	0300	11.88	0.1300	11.63	0.4757	0.0965	84	0.51	1%	0
005.00	Ash, 2h @ 600°C (%)	0001	11.88	0.0130	11.63	0.4757	0.0965	84	0.52	1%	0
005.00	Ash, 2h @ 600°C (%)	0693	11.88	0.1330	11.63	0.4757	0.0965	84	0.53	1%	0
005.00	Ash, 2h @ 600°C (%)	0948	11.89	0.0400	11.63	0.4757	0.0965	84	0.55	1%	0
005.00	Ash, 2h @ 600°C (%)	2476	11.90	0.0020	11.63	0.4757	0.0965	84	0.56	1%	0
005.00	Ash, 2h @ 600°C (%)	2150	11.91	0.0600	11.63	0.4757	0.0965	84	0.59	1%	0
005.00	Ash, 2h @ 600°C (%)	0148	11.92	0.0100	11.63	0.4757	0.0965	84	0.60	1%	0
005.00	Ash, 2h @ 600°C (%)	0171	11.92	0.0200	11.63	0.4757	0.0965	84	0.61	1%	0
005.00	Ash, 2h @ 600°C (%)	0354	11.92	0.1200	11.63	0.4757	0.0965	84	0.61	1%	0
005.00	Ash, 2h @ 600°C (%)	0589	11.93	0.1000	11.63	0.4757	0.0965	84	0.63	1%	0
005.00	Ash, 2h @ 600°C (%)	2193	11.94	0.0300	11.63	0.4757	0.0965	84	0.64	1%	0
005.00	Ash, 2h @ 600°C (%)	0047	11.95	0.1000	11.63	0.4757	0.0965	84	0.67	1%	0
005.00	Ash, 2h @ 600°C (%)	2006	11.96	0.1600	11.63	0.4757	0.0965	84	0.69	1%	0
005.00	Ash, 2h @ 600°C (%)	2076	11.97	0.0600	11.63	0.4757	0.0965	84	0.71	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	
005.00	Ash, 2h @ 600°C (%)	2259	11.98	0.1030	11.63	0.4757	0.0965	84	0.74	2%	0
005.00	Ash, 2h @ 600°C (%)	0656	11.99	0.0000	11.63	0.4757	0.0965	84	0.76	2%	0
005.00	Ash, 2h @ 600°C (%)	0098	12.00	0.0600	11.63	0.4757	0.0965	84	0.78	2%	0
005.00	Ash, 2h @ 600°C (%)	0529	12.01	0.0200	11.63	0.4757	0.0965	84	0.80	2%	0
005.00	Ash, 2h @ 600°C (%)	0968	12.01	0.0200	11.63	0.4757	0.0965	84	0.80	2%	0
005.00	Ash, 2h @ 600°C (%)	0685	12.02	0.0800	11.63	0.4757	0.0965	84	0.82	2%	0
005.00	Ash, 2h @ 600°C (%)	0038	12.05	0.1000	11.63	0.4757	0.0965	84	0.88	2%	0
005.00	Ash, 2h @ 600°C (%)	2457	12.07	0.1000	11.63	0.4757	0.0965	84	0.92	2%	0
005.00	Ash, 2h @ 600°C (%)	0504	12.10	0.1800	11.63	0.4757	0.0965	84	0.99	2%	0
005.00	Ash, 2h @ 600°C (%)	0045	12.10	0.6000	11.63	0.4757	0.0965	84	0.99	2%	0
005.00	Ash, 2h @ 600°C (%)	0870	12.15	0.1368	11.63	0.4757	0.0965	84	1.09	2%	0
005.00	Ash, 2h @ 600°C (%)	0017	12.15	0.1000	11.63	0.4757	0.0965	84	1.09	2%	0
005.00	Ash, 2h @ 600°C (%)	0682	12.15	0.0000	11.63	0.4757	0.0965	84	1.09	2%	0
005.00	Ash, 2h @ 600°C (%)	0226	12.16	0.1000	11.63	0.4757	0.0965	84	1.11	2%	0
005.00	Ash, 2h @ 600°C (%)	0345	12.25	0.0800	11.63	0.4757	0.0965	84	1.30	3%	0
005.00	Ash, 2h @ 600°C (%)	2089	12.37	0.0100	11.63	0.4757	0.0965	84	1.54	3%	0
005.00	Ash, 2h @ 600°C (%)	0956	10.70	0.8000	11.63	0.4757	0.0965	84	-1.96	4%	1
005.00	Ash, 2h @ 600°C (%)	0618	21.77	0.3874	11.63	0.4757	0.0965	84	21.30	44%	2
005.02	Ash, LECO (%)	0644	11.71	0.1320				1			0
005.03	Ash, Microwave furnace (%)	0511	10.05	0.7000				1			0
005.05	Ash, 3h @ 550°C (%)	0692	9.710	0.2200	12.07	0.3084	0.0950	22	-7.65	10%	0
005.05	Ash, 3h @ 550°C (%)	0889	11.53	0.2400	12.07	0.3084	0.0950	22	-1.75	2%	0
005.05	Ash, 3h @ 550°C (%)	0726	11.74	0.0100	12.07	0.3084	0.0950	22	-1.08	1%	0
005.05	Ash, 3h @ 550°C (%)	0263	11.78	0.0160	12.07	0.3084	0.0950	22	-0.94	1%	0
005.05	Ash, 3h @ 550°C (%)	0066	11.79	0.1000	12.07	0.3084	0.0950	22	-0.90	1%	0
005.05	Ash, 3h @ 550°C (%)	0294	11.86	0.0900	12.07	0.3084	0.0950	22	-0.69	1%	0
005.05	Ash, 3h @ 550°C (%)	0875	11.86	0.0600	12.07	0.3084	0.0950	22	-0.68	1%	0
005.05	Ash, 3h @ 550°C (%)	0643	11.89	0.0050	12.07	0.3084	0.0950	22	-0.58	1%	0
005.05	Ash, 3h @ 550°C (%)	2192	12.01	0.0500	12.07	0.3084	0.0950	22	-0.20	0%	0
005.05	Ash, 3h @ 550°C (%)	0885	12.05	0.0015	12.07	0.3084	0.0950	22	-0.07	0%	0
005.05	Ash, 3h @ 550°C (%)	2482	12.14	0.1000	12.07	0.3084	0.0950	22	0.24	0%	0
005.05	Ash, 3h @ 550°C (%)	0939	12.15	0.0900	12.07	0.3084	0.0950	22	0.25	0%	0
005.05	Ash, 3h @ 550°C (%)	2190	12.16	0.2800	12.07	0.3084	0.0950	22	0.30	0%	0
005.05	Ash, 3h @ 550°C (%)	2246	12.17	0.0000	12.07	0.3084	0.0950	22	0.33	0%	0
005.05	Ash, 3h @ 550°C (%)	0689	12.19	0.0800	12.07	0.3084	0.0950	22	0.39	1%	0
005.05	Ash, 3h @ 550°C (%)	0590	12.25	0.1000	12.07	0.3084	0.0950	22	0.59	1%	0
005.05	Ash, 3h @ 550°C (%)	0921	12.26	0.2100	12.07	0.3084	0.0950	22	0.62	1%	0
005.05	Ash, 3h @ 550°C (%)	0619	12.30	0.0000	12.07	0.3084	0.0950	22	0.75	1%	0
005.05	Ash, 3h @ 550°C (%)	0034	12.31	0.1300	12.07	0.3084	0.0950	22	0.77	1%	0
005.05	Ash, 3h @ 550°C (%)	0610	12.35	0.1000	12.07	0.3084	0.0950	22	0.91	1%	0
005.05	Ash, 3h @ 550°C (%)	0190	12.53	0.0700	12.07	0.3084	0.0950	22	1.48	2%	0
005.05	Ash, 3h @ 550°C (%)	2129	12.69	0.0400	12.07	0.3084	0.0950	22	2.02	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	
005.05	Ash, 3h @ 550°C (%)	0413	11.45	0.7000	12.07	0.3084	0.0950	22	-2.00	3%	1
005.11	Ash, NIR (%)	2303	3.540	0.0200	8.978	4.225	0.1571	9	-1.29	30%	0
005.11	Ash, NIR (%)	2174	3.815	0.1900	8.978	4.225	0.1571	9	-1.22	29%	0
005.11	Ash, NIR (%)	0885	7.300	0.0400	8.978	4.225	0.1571	9	-0.40	9%	0
005.11	Ash, NIR (%)	2386	8.570	0.1200	8.978	4.225	0.1571	9	-0.10	2%	0
005.11	Ash, NIR (%)	0613	8.595	0.1300	8.978	4.225	0.1571	9	-0.09	2%	0
005.11	Ash, NIR (%)	0889	10.13	0.0050	8.978	4.225	0.1571	9	0.27	6%	0
005.11	Ash, NIR (%)	2168	11.62	0.7000	8.978	4.225	0.1571	9	0.63	15%	0
005.11	Ash, NIR (%)	2387	13.18	0.0000	8.978	4.225	0.1571	9	0.99	23%	0
005.11	Ash, NIR (%)	2388	14.05	0.3400	8.978	4.225	0.1571	9	1.20	28%	0
005.11	Ash, NIR (%)	2105	8.630	2.080	8.978	4.225	0.1571	9	-0.08	2%	1
005.99	Ash, Miscellaneous (%)	0019	10.68	0.4500	11.94	0.4056	0.1702	8	-3.13	5%	0
005.99	Ash, Miscellaneous (%)	0536	11.49	0.0100	11.94	0.4056	0.1702	8	-1.13	2%	0
005.99	Ash, Miscellaneous (%)	0546	11.87	0.0300	11.94	0.4056	0.1702	8	-0.19	0%	0
005.99	Ash, Miscellaneous (%)	0676	12.01	0.1100	11.94	0.4056	0.1702	8	0.15	0%	0
005.99	Ash, Miscellaneous (%)	0202	12.15	0.3000	11.94	0.4056	0.1702	8	0.51	1%	0
005.99	Ash, Miscellaneous (%)	2319	12.20	0.2000	11.94	0.4056	0.1702	8	0.63	1%	0
005.99	Ash, Miscellaneous (%)	0644	12.21	0.1190	11.94	0.4056	0.1702	8	0.65	1%	0
005.99	Ash, Miscellaneous (%)	0652	12.30	0.2000	11.94	0.4056	0.1702	8	0.88	1%	0
005.99	Ash, Miscellaneous (%)	0613	10.78	2.520	11.94	0.4056	0.1702	8	-2.87	5%	1
006.00	Total Sugars, As sucrose (%)	0407	4.727	0.2260				3			0
006.00	Total Sugars, As sucrose (%)	0910	5.150	0.9000				3			0
006.00	Total Sugars, As sucrose (%)	2319	5.400	0.0000				3			0
006.01	Total Sugars, Mod. Fehling Soln (%)	0038	6.350	0.1400				1			0
006.02	Total Sugars, TSI L-E C-V (%)	0171	6.000	0.5600				1			0
006.99	Total Sugars, Miscellaneous (%)	0918	2.830	0.1200	4.643	1.771	0.1495	6	-1.02	20%	0
006.99	Total Sugars, Miscellaneous (%)	0148	3.150	0.1200	4.643	1.771	0.1495	6	-0.84	16%	0
006.99	Total Sugars, Miscellaneous (%)	0226	3.970	0.1000	4.643	1.771	0.1495	6	-0.38	7%	0
006.99	Total Sugars, Miscellaneous (%)	0956	5.300	0.2000	4.643	1.771	0.1495	6	0.37	7%	0
006.99	Total Sugars, Miscellaneous (%)	0066	5.942	0.3170	4.643	1.771	0.1495	6	0.73	14%	0
006.99	Total Sugars, Miscellaneous (%)	0921	6.669	0.0860	4.643	1.771	0.1495	6	1.14	22%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0345	5.750	0.1000	6.265	0.3849	0.1679	10	-1.34	4%	0
008.02	Fiber, Acid Detergent, Crucible (%)	2089	5.875	0.0100	6.265	0.3849	0.1679	10	-1.01	3%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0098	5.900	0.3600	6.265	0.3849	0.1679	10	-0.95	3%	0
008.02	Fiber, Acid Detergent, Crucible (%)	2192	6.050	0.3000	6.265	0.3849	0.1679	10	-0.56	2%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0226	6.320	0.1800	6.265	0.3849	0.1679	10	0.14	0%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0674	6.450	0.0000	6.265	0.3849	0.1679	10	0.48	1%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0353	6.480	0.0800	6.265	0.3849	0.1679	10	0.56	2%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0948	6.575	0.1100	6.265	0.3849	0.1679	10	0.81	2%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0689	6.600	0.2000	6.265	0.3849	0.1679	10	0.87	3%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0148	6.650	0.1800	6.265	0.3849	0.1679	10	1.00	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0968	4.505	0.0300	6.249	0.5905	0.1785	44	-2.95	14%	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	
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2457	5.000	0.2000	6.249	0.5905	0.1785	44	-2.12	10%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0723	5.345	0.0100	6.249	0.5905	0.1785	44	-1.53	7%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0656	5.540	0.0000	6.249	0.5905	0.1785	44	-1.20	6%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2482	5.540	0.0800	6.249	0.5905	0.1785	44	-1.20	6%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0354	5.640	0.0400	6.249	0.5905	0.1785	44	-1.03	5%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0870	5.706	0.0197	6.249	0.5905	0.1785	44	-0.92	4%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0358	5.750	0.3200	6.249	0.5905	0.1785	44	-0.85	4%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0294	5.760	0.2200	6.249	0.5905	0.1785	44	-0.83	4%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0004	5.775	0.3700	6.249	0.5905	0.1785	44	-0.80	4%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0956	5.900	0.2000	6.249	0.5905	0.1785	44	-0.59	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0693	5.923	0.1740	6.249	0.5905	0.1785	44	-0.55	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0278	5.950	0.3800	6.249	0.5905	0.1785	44	-0.51	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0675	5.965	0.1100	6.249	0.5905	0.1785	44	-0.48	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2433	5.978	0.0749	6.249	0.5905	0.1785	44	-0.46	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0939	5.980	0.2800	6.249	0.5905	0.1785	44	-0.46	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0848	5.985	0.0100	6.249	0.5905	0.1785	44	-0.45	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0918	6.010	0.5600	6.249	0.5905	0.1785	44	-0.41	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0066	6.125	0.1300	6.249	0.5905	0.1785	44	-0.21	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0885	6.146	0.0726	6.249	0.5905	0.1785	44	-0.18	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0190	6.150	0.0200	6.249	0.5905	0.1785	44	-0.17	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0510	6.200	0.2000	6.249	0.5905	0.1785	44	-0.08	0%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2129	6.255	0.2500	6.249	0.5905	0.1785	44	0.01	0%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0407	6.289	0.0950	6.249	0.5905	0.1785	44	0.07	0%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0413	6.330	0.2200	6.249	0.5905	0.1785	44	0.14	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2196	6.330	0.0000	6.249	0.5905	0.1785	44	0.14	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0619	6.335	0.6900	6.249	0.5905	0.1785	44	0.14	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0910	6.345	0.0300	6.249	0.5905	0.1785	44	0.16	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0646	6.365	0.0700	6.249	0.5905	0.1785	44	0.20	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0049	6.425	0.4700	6.249	0.5905	0.1785	44	0.30	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0083	6.515	0.1100	6.249	0.5905	0.1785	44	0.45	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0001	6.528	0.0230	6.249	0.5905	0.1785	44	0.47	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0148	6.570	0.0800	6.249	0.5905	0.1785	44	0.54	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2190	6.620	0.3600	6.249	0.5905	0.1785	44	0.63	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0511	6.800	0.8000	6.249	0.5905	0.1785	44	0.93	4%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0045	6.815	0.7100	6.249	0.5905	0.1785	44	0.96	5%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0613	6.870	0.4000	6.249	0.5905	0.1785	44	1.05	5%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0504	6.885	0.0900	6.249	0.5905	0.1785	44	1.08	5%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0536	7.020	0.0400	6.249	0.5905	0.1785	44	1.30	6%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0263	7.024	0.0360	6.249	0.5905	0.1785	44	1.31	6%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0889	7.225	0.1300	6.249	0.5905	0.1785	44	1.65	8%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0357	7.590	0.2000	6.249	0.5905	0.1785	44	2.27	11%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0581	7.840	0.2000	6.249	0.5905	0.1785	44	2.69	13%	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	
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0726	7.870	0.1400	6.249	0.5905	0.1785	44	2.74	13%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2326	12.60	0.2000	6.249	0.5905	0.1785	44	10.75	51%	2
008.99	Fiber, Acid Detergent, Miscellaneous (%)	0027	6.223	0.0220				3			0
008.99	Fiber, Acid Detergent, Miscellaneous (%)	0941	6.320	0.1800				3			0
008.99	Fiber, Acid Detergent, Miscellaneous (%)	0610	7.060	0.0800				3			0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat	0345	15.85	0.1000	17.74	1.293	0.3540	11	-1.46	5%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat	0910	16.15	1.300	17.74	1.293	0.3540	11	-1.23	4%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat	0098	17.00	0.6000	17.74	1.293	0.3540	11	-0.57	2%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat	0948	17.52	0.0400	17.74	1.293	0.3540	11	-0.17	1%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat	0674	17.56	0.0000	17.74	1.293	0.3540	11	-0.14	0%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat	0353	17.78	0.3700	17.74	1.293	0.3540	11	0.03	0%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat	2089	17.79	0.2900	17.74	1.293	0.3540	11	0.04	0%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat	0226	18.29	0.5300	17.74	1.293	0.3540	11	0.42	2%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat	2192	18.45	0.3000	17.74	1.293	0.3540	11	0.55	2%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat	0689	19.05	0.3000	17.74	1.293	0.3540	11	1.02	4%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat	0610	20.85	0.3000	17.74	1.293	0.3540	11	2.41	9%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0968	15.05	0.0300	17.15	1.092	0.3230	41	-1.93	6%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0598	15.21	0.0500	17.15	1.092	0.3230	41	-1.78	6%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0294	15.61	0.1800	17.15	1.092	0.3230	41	-1.41	5%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0358	15.82	0.1400	17.15	1.092	0.3230	41	-1.22	4%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0693	15.87	1.975	17.15	1.092	0.3230	41	-1.17	4%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0354	16.03	0.0700	17.15	1.092	0.3230	41	-1.03	3%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0413	16.20	1.000	17.15	1.092	0.3230	41	-0.87	3%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	2022	16.29	0.0300	17.15	1.092	0.3230	41	-0.80	3%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0656	16.35	0.0000	17.15	1.092	0.3230	41	-0.74	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	2433	16.38	0.4561	17.15	1.092	0.3230	41	-0.71	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	2457	16.40	0.2000	17.15	1.092	0.3230	41	-0.69	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0619	16.54	0.2300	17.15	1.092	0.3230	41	-0.57	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0885	16.54	0.1143	17.15	1.092	0.3230	41	-0.56	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0939	16.59	0.1300	17.15	1.092	0.3230	41	-0.52	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0263	16.73	0.1280	17.15	1.092	0.3230	41	-0.39	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0049	16.76	0.5200	17.15	1.092	0.3230	41	-0.36	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0870	16.83	0.8543	17.15	1.092	0.3230	41	-0.30	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0510	16.85	0.1000	17.15	1.092	0.3230	41	-0.28	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0723	16.96	0.5600	17.15	1.092	0.3230	41	-0.18	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0918	17.24	0.1060	17.15	1.092	0.3230	41	0.08	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0581	17.28	0.8000	17.15	1.092	0.3230	41	0.12	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0083	17.32	0.2200	17.15	1.092	0.3230	41	0.15	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0407	17.35	0.4270	17.15	1.092	0.3230	41	0.18	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0357	17.35	0.7400	17.15	1.092	0.3230	41	0.18	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0956	17.35	0.5000	17.15	1.092	0.3230	41	0.18	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	2482	17.39	0.0100	17.15	1.092	0.3230	41	0.21	1%	0

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			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0675	17.55	0.0600	17.15	1.092	0.3230	41	0.36	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	2129	17.58	0.0900	17.15	1.092	0.3230	41	0.39	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0066	17.62	0.2200	17.15	1.092	0.3230	41	0.43	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0148	17.63	0.4700	17.15	1.092	0.3230	41	0.43	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0848	17.65	0.1300	17.15	1.092	0.3230	41	0.45	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0646	17.70	0.2100	17.15	1.092	0.3230	41	0.50	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0504	17.79	0.1800	17.15	1.092	0.3230	41	0.58	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0889	18.01	0.0800	17.15	1.092	0.3230	41	0.78	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	2196	18.02	0.0000	17.15	1.092	0.3230	41	0.79	3%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0613	18.91	0.0400	17.15	1.092	0.3230	41	1.61	5%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0536	19.70	0.8300	17.15	1.092	0.3230	41	2.33	7%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0190	21.42	0.3600	17.15	1.092	0.3230	41	3.91	12%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	2326	21.50	1.600	17.15	1.092	0.3230	41	3.98	13%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0278	23.06	0.5100	17.15	1.092	0.3230	41	5.40	17%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0726	27.51	0.6000	17.15	1.092	0.3230	41	9.48	30%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0045	20.00	3.800	17.15	1.092	0.3230	41	2.61	8%	1
009.99	Fiber, Neutral Detergent, Miscellaneous (%)	0889	14.13	0.1250				2			0
009.99	Fiber, Neutral Detergent, Miscellaneous (%)	0941	19.02	0.1900				2			0
010.03	Moisture, Karl-Fischer (%)	0843	8.860	0.3200				1			0
010.11	Moisture, NIR (%)	2303	6.745	0.1500	8.278	1.063	0.1758	8	-1.44	9%	0
010.11	Moisture, NIR (%)	2174	6.930	0.1200	8.278	1.063	0.1758	8	-1.27	8%	0
010.11	Moisture, NIR (%)	0889	8.370	0.0000	8.278	1.063	0.1758	8	0.09	1%	0
010.11	Moisture, NIR (%)	2388	8.405	0.2300	8.278	1.063	0.1758	8	0.12	1%	0
010.11	Moisture, NIR (%)	2386	8.655	0.0100	8.278	1.063	0.1758	8	0.36	2%	0
010.11	Moisture, NIR (%)	2387	8.870	0.0000	8.278	1.063	0.1758	8	0.56	4%	0
010.11	Moisture, NIR (%)	0885	8.985	0.1500	8.278	1.063	0.1758	8	0.67	4%	0
010.11	Moisture, NIR (%)	2105	9.260	0.5400	8.278	1.063	0.1758	8	0.92	6%	0
010.99	Moisture, Miscellaneous (%)	0019	7.410	0.2200	8.150	0.3798	0.0890	17	-1.95	5%	0
010.99	Moisture, Miscellaneous (%)	0546	7.700	0.0200	8.150	0.3798	0.0890	17	-1.19	3%	0
010.99	Moisture, Miscellaneous (%)	0622	7.794	0.0972	8.150	0.3798	0.0890	17	-0.94	2%	0
010.99	Moisture, Miscellaneous (%)	2129	7.810	0.0400	8.150	0.3798	0.0890	17	-0.90	2%	0
010.99	Moisture, Miscellaneous (%)	0722	7.907	0.0385	8.150	0.3798	0.0890	17	-0.64	1%	0
010.99	Moisture, Miscellaneous (%)	2089	8.025	0.0900	8.150	0.3798	0.0890	17	-0.33	1%	0
010.99	Moisture, Miscellaneous (%)	0726	8.040	0.0200	8.150	0.3798	0.0890	17	-0.29	1%	0
010.99	Moisture, Miscellaneous (%)	0939	8.045	0.3700	8.150	0.3798	0.0890	17	-0.28	1%	0
010.99	Moisture, Miscellaneous (%)	0948	8.165	0.0100	8.150	0.3798	0.0890	17	0.04	0%	0
010.99	Moisture, Miscellaneous (%)	2076	8.195	0.0700	8.150	0.3798	0.0890	17	0.12	0%	0
010.99	Moisture, Miscellaneous (%)	0875	8.230	0.0000	8.150	0.3798	0.0890	17	0.21	0%	0
010.99	Moisture, Miscellaneous (%)	0034	8.255	0.2100	8.150	0.3798	0.0890	17	0.28	1%	0
010.99	Moisture, Miscellaneous (%)	2150	8.385	0.0500	8.150	0.3798	0.0890	17	0.62	1%	0
010.99	Moisture, Miscellaneous (%)	0692	8.540	0.0400	8.150	0.3798	0.0890	17	1.03	2%	0
010.99	Moisture, Miscellaneous (%)	0652	8.550	0.1000	8.150	0.3798	0.0890	17	1.05	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	
010.99	Moisture, Miscellaneous (%)	0190	8.615	0.0100	8.150	0.3798	0.0890	17	1.22	3%	0
010.99	Moisture, Miscellaneous (%)	2476	8.808	0.1870	8.150	0.3798	0.0890	17	1.73	4%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0859	7.508	0.0150	8.766	0.4407	0.1100	62	-2.86	7%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2199	7.550	0.3000	8.766	0.4407	0.1100	62	-2.76	7%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0520	7.620	0.1400	8.766	0.4407	0.1100	62	-2.60	7%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2388	7.915	0.2700	8.766	0.4407	0.1100	62	-1.93	5%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2200	8.025	0.1500	8.766	0.4407	0.1100	62	-1.68	4%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0294	8.030	0.1000	8.766	0.4407	0.1100	62	-1.67	4%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2457	8.160	0.0800	8.766	0.4407	0.1100	62	-1.38	3%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2434	8.220	0.0000	8.766	0.4407	0.1100	62	-1.24	3%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0047	8.250	0.1000	8.766	0.4407	0.1100	62	-1.17	3%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0843	8.260	0.2000	8.766	0.4407	0.1100	62	-1.15	3%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0011	8.280	0.2200	8.766	0.4407	0.1100	62	-1.10	3%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2188	8.285	0.0700	8.766	0.4407	0.1100	62	-1.09	3%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0722	8.326	0.4042	8.766	0.4407	0.1100	62	-1.00	3%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	1019	8.330	0.3800	8.766	0.4407	0.1100	62	-0.99	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0354	8.380	0.0400	8.766	0.4407	0.1100	62	-0.88	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0848	8.410	0.1600	8.766	0.4407	0.1100	62	-0.81	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2325	8.545	0.0100	8.766	0.4407	0.1100	62	-0.50	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0953	8.550	0.0200	8.766	0.4407	0.1100	62	-0.49	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0675	8.560	0.0600	8.766	0.4407	0.1100	62	-0.47	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0510	8.650	0.1000	8.766	0.4407	0.1100	62	-0.26	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0298	8.660	0.0200	8.766	0.4407	0.1100	62	-0.24	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0643	8.686	0.0240	8.766	0.4407	0.1100	62	-0.18	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0968	8.715	0.0100	8.766	0.4407	0.1100	62	-0.12	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0651	8.718	0.0141	8.766	0.4407	0.1100	62	-0.11	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0171	8.720	0.0200	8.766	0.4407	0.1100	62	-0.11	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0674	8.750	0.0000	8.766	0.4407	0.1100	62	-0.04	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0685	8.750	0.0600	8.766	0.4407	0.1100	62	-0.04	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0108	8.760	0.3600	8.766	0.4407	0.1100	62	-0.01	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2433	8.772	0.1878	8.766	0.4407	0.1100	62	0.01	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0574	8.780	0.0400	8.766	0.4407	0.1100	62	0.03	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0598	8.805	0.0100	8.766	0.4407	0.1100	62	0.09	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0646	8.815	0.0100	8.766	0.4407	0.1100	62	0.11	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0100	8.845	0.0100	8.766	0.4407	0.1100	62	0.18	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0723	8.845	0.0700	8.766	0.4407	0.1100	62	0.18	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0622	8.864	0.0070	8.766	0.4407	0.1100	62	0.22	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2196	8.880	0.0000	8.766	0.4407	0.1100	62	0.26	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0144	8.900	0.2200	8.766	0.4407	0.1100	62	0.30	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2337	8.945	0.0100	8.766	0.4407	0.1100	62	0.41	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0226	8.960	0.2200	8.766	0.4407	0.1100	62	0.44	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0539	8.960	0.0000	8.766	0.4407	0.1100	62	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	
011.01	Loss on Drying, HT, 135°C 2hr (%)	2184	8.965	0.1300	8.766	0.4407	0.1100	62	0.45	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0098	8.970	0.0400	8.766	0.4407	0.1100	62	0.46	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2482	8.985	0.1500	8.766	0.4407	0.1100	62	0.50	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0066	9.005	0.1500	8.766	0.4407	0.1100	62	0.54	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2006	9.020	0.0000	8.766	0.4407	0.1100	62	0.58	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0536	9.040	0.0200	8.766	0.4407	0.1100	62	0.62	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2193	9.060	0.1000	8.766	0.4407	0.1100	62	0.67	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0300	9.080	0.2710	8.766	0.4407	0.1100	62	0.71	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0407	9.084	0.0211	8.766	0.4407	0.1100	62	0.72	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2246	9.105	0.1100	8.766	0.4407	0.1100	62	0.77	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0358	9.115	0.0500	8.766	0.4407	0.1100	62	0.79	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0511	9.120	0.5200	8.766	0.4407	0.1100	62	0.80	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2326	9.170	0.3600	8.766	0.4407	0.1100	62	0.92	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0682	9.180	0.0000	8.766	0.4407	0.1100	62	0.94	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0589	9.185	0.2100	8.766	0.4407	0.1100	62	0.95	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0870	9.187	0.1172	8.766	0.4407	0.1100	62	0.95	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0618	9.265	0.3900	8.766	0.4407	0.1100	62	1.13	3%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2022	9.350	0.0400	8.766	0.4407	0.1100	62	1.32	3%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0541	9.380	0.0200	8.766	0.4407	0.1100	62	1.39	4%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0004	9.425	0.0300	8.766	0.4407	0.1100	62	1.49	4%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0263	9.443	0.0940	8.766	0.4407	0.1100	62	1.54	4%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0242	9.495	0.0500	8.766	0.4407	0.1100	62	1.65	4%	0
011.02	Loss on Drying, HT, 130°C for 2 hours (%)	0942	8.635	0.1500				2			0
011.02	Loss on Drying, HT, 130°C for 2 hours (%)	0529	8.860	0.0200				2			0
011.99	Loss on Drying, HT, High Temp. Methods Misc	2386	7.925	0.2300	8.468	0.4444	0.3852	6	-1.22	3%	0
011.99	Loss on Drying, HT, High Temp. Methods Misc	0656	8.087	0.0000	8.468	0.4444	0.3852	6	-0.86	2%	0
011.99	Loss on Drying, HT, High Temp. Methods Misc	2303	8.518	0.2760	8.468	0.4444	0.3852	6	0.11	0%	0
011.99	Loss on Drying, HT, High Temp. Methods Misc	2174	8.645	0.0300	8.468	0.4444	0.3852	6	0.40	1%	0
011.99	Loss on Drying, HT, High Temp. Methods Misc	2387	8.660	0.3400	8.468	0.4444	0.3852	6	0.43	1%	0
011.99	Loss on Drying, HT, High Temp. Methods Misc	2168	8.975	1.050	8.468	0.4444	0.3852	6	1.14	3%	0
012.00	Starch, Polarimetric (Ewers) (%)	0723	27.85	1.790	31.02	1.328	0.2387	13	-2.39	5%	0
012.00	Starch, Polarimetric (Ewers) (%)	2195	28.76	0.4900	31.02	1.328	0.2387	13	-1.71	4%	0
012.00	Starch, Polarimetric (Ewers) (%)	0689	29.45	0.1000	31.02	1.328	0.2387	13	-1.19	3%	0
012.00	Starch, Polarimetric (Ewers) (%)	2196	30.60	0.0000	31.02	1.328	0.2387	13	-0.32	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	2188	30.76	0.3000	31.02	1.328	0.2387	13	-0.20	0%	0
012.00	Starch, Polarimetric (Ewers) (%)	2006	31.25	0.4600	31.02	1.328	0.2387	13	0.17	0%	0
012.00	Starch, Polarimetric (Ewers) (%)	0848	31.49	0.2300	31.02	1.328	0.2387	13	0.35	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0354	31.71	0.0200	31.02	1.328	0.2387	13	0.52	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	2192	31.71	0.1400	31.02	1.328	0.2387	13	0.52	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0875	31.83	0.0300	31.02	1.328	0.2387	13	0.60	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0619	31.90	0.2000	31.02	1.328	0.2387	13	0.66	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0941	32.16	0.1600	31.02	1.328	0.2387	13	0.86	2%	0

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012.00	Starch, Polarimetric (Ewers) (%)	0610	32.40	0.2000	31.02	1.328	0.2387	13	1.04	2%	0
012.00	Starch, Polarimetric (Ewers) (%)	0910	32.35	2.700	31.02	1.328	0.2387	13	1.00	2%	1
012.01	Starch, Enzymatic-Colorimetric Method (Megaz	0918	25.20	1.072	29.30	1.795	0.7148	10	-2.29	7%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megaz	0171	28.18	0.2500	29.30	1.795	0.7148	10	-0.63	2%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megaz	0676	28.24	0.1400	29.30	1.795	0.7148	10	-0.59	2%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megaz	0407	28.36	1.457	29.30	1.795	0.7148	10	-0.52	2%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megaz	2326	29.43	0.0200	29.30	1.795	0.7148	10	0.07	0%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megaz	0870	29.51	1.283	29.30	1.795	0.7148	10	0.11	0%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megaz	0148	29.54	0.5600	29.30	1.795	0.7148	10	0.13	0%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megaz	0956	29.75	1.900	29.30	1.795	0.7148	10	0.25	1%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megaz	0885	31.41	0.3400	29.30	1.795	0.7148	10	1.18	4%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megaz	2089	33.84	0.2400	29.30	1.795	0.7148	10	2.53	8%	0
012.03	Starch, Enzymatic-Colorimetric Method, Miscell	0941	25.40	0.0000				3			0
012.03	Starch, Enzymatic-Colorimetric Method, Miscell	0407	28.01	1.079				3			0
012.03	Starch, Enzymatic-Colorimetric Method, Miscell	0656	28.62	0.0000				3			0
012.03	Starch, Enzymatic-Colorimetric Method, Miscell	0889	0.0000	0.0000				3			4
012.04	Starch, Enzymatic-Enzyme Membrane Technol	0674	27.02	0.0000	29.78	1.149	0.4968	9	-2.40	5%	0
012.04	Starch, Enzymatic-Enzyme Membrane Technol	2129	29.06	0.9000	29.78	1.149	0.4968	9	-0.63	1%	0
012.04	Starch, Enzymatic-Enzyme Membrane Technol	0510	29.30	0.2000	29.78	1.149	0.4968	9	-0.42	1%	0
012.04	Starch, Enzymatic-Enzyme Membrane Technol	0226	29.39	0.3200	29.78	1.149	0.4968	9	-0.34	1%	0
012.04	Starch, Enzymatic-Enzyme Membrane Technol	0045	29.50	0.2000	29.78	1.149	0.4968	9	-0.24	0%	0
012.04	Starch, Enzymatic-Enzyme Membrane Technol	0098	30.10	0.8000	29.78	1.149	0.4968	9	0.28	1%	0
012.04	Starch, Enzymatic-Enzyme Membrane Technol	0693	30.46	0.8140	29.78	1.149	0.4968	9	0.59	1%	0
012.04	Starch, Enzymatic-Enzyme Membrane Technol	0278	30.65	0.5000	29.78	1.149	0.4968	9	0.76	1%	0
012.04	Starch, Enzymatic-Enzyme Membrane Technol	0948	32.51	0.2400	29.78	1.149	0.4968	9	2.38	5%	0
012.11	Starch, NIR (%)	0889	32.43	0.1300				2			0
012.11	Starch, NIR (%)	0613	33.66	0.5500				2			0
012.20	Starch, Dietary, Enzymatic-Colorimetric (%)	0353	29.24	1.450				1			0
012.99	Starch, Miscellaneous (%)	2319	30.25	0.3000				2			0
012.99	Starch, Miscellaneous (%)	0066	30.79	0.3800				2			0
013.00	Fat, Pretreat, Acid hydrolysis (%)	2076	2.751	0.5000	3.740	0.6873	0.2150	13	-1.44	13%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	0689	2.950	0.1000	3.740	0.6873	0.2150	13	-1.15	11%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	0941	3.225	0.0900	3.740	0.6873	0.2150	13	-0.75	7%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	0083	3.495	0.1500	3.740	0.6873	0.2150	13	-0.36	3%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	2319	3.500	0.0000	3.740	0.6873	0.2150	13	-0.35	3%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	0910	3.640	0.4400	3.740	0.6873	0.2150	13	-0.15	1%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	0652	3.700	0.0000	3.740	0.6873	0.2150	13	-0.06	1%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	0948	3.750	0.0000	3.740	0.6873	0.2150	13	0.02	0%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	0541	3.845	0.0100	3.740	0.6873	0.2150	13	0.15	1%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	0242	3.940	0.0600	3.740	0.6873	0.2150	13	0.29	3%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	0675	4.340	0.1800	3.740	0.6873	0.2150	13	0.87	8%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	0202	4.730	0.2600	3.740	0.6873	0.2150	13	1.44	13%	0

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013.00	Fat, Pretreat, Acid hydrolysis (%)	2150	4.750	0.3600	3.740	0.6873	0.2150	13	1.47	14%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolys	0921	2.617	0.0140	4.219	0.6142	0.1830	13	-2.61	19%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolys	0098	3.515	0.6500	4.219	0.6142	0.1830	13	-1.15	8%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolys	0038	3.730	0.2000	4.219	0.6142	0.1830	13	-0.80	6%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolys	0148	3.755	0.2900	4.219	0.6142	0.1830	13	-0.75	5%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolys	0853	3.900	0.2000	4.219	0.6142	0.1830	13	-0.52	4%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolys	0016	4.185	0.0500	4.219	0.6142	0.1830	13	-0.05	0%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolys	0870	4.317	0.0802	4.219	0.6142	0.1830	13	0.16	1%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolys	0010	4.450	0.1000	4.219	0.6142	0.1830	13	0.38	3%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolys	0676	4.590	0.2200	4.219	0.6142	0.1830	13	0.60	4%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolys	0407	4.628	0.2030	4.219	0.6142	0.1830	13	0.67	5%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolys	0643	4.652	0.3560	4.219	0.6142	0.1830	13	0.71	5%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolys	2259	4.683	0.0980	4.219	0.6142	0.1830	13	0.76	6%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolys	0682	5.730	0.0000	4.219	0.6142	0.1830	13	2.46	18%	0
013.08	Fat, Pretreat, Roesse-Gottlieb Modified, Alkaline	0618	1.874	0.0105				1			0
013.10	Fat, Pretreat, Soxtec-Acid Hydrolysis (%)	0036	3.170	0.1679	3.471	0.2237	0.0730	7	-1.34	4%	0
013.10	Fat, Pretreat, Soxtec-Acid Hydrolysis (%)	0939	3.385	0.1300	3.471	0.2237	0.0730	7	-0.38	1%	0
013.10	Fat, Pretreat, Soxtec-Acid Hydrolysis (%)	0610	3.410	0.0200	3.471	0.2237	0.0730	7	-0.27	1%	0
013.10	Fat, Pretreat, Soxtec-Acid Hydrolysis (%)	2192	3.430	0.0200	3.471	0.2237	0.0730	7	-0.18	1%	0
013.10	Fat, Pretreat, Soxtec-Acid Hydrolysis (%)	2196	3.450	0.0000	3.471	0.2237	0.0730	7	-0.09	0%	0
013.10	Fat, Pretreat, Soxtec-Acid Hydrolysis (%)	2349	3.705	0.0900	3.471	0.2237	0.0730	7	1.05	3%	0
013.10	Fat, Pretreat, Soxtec-Acid Hydrolysis (%)	0353	3.745	0.0100	3.471	0.2237	0.0730	7	1.23	4%	0
013.13	Fat, Pretreat, Ankom- Acid Hydrolysis (%)	2129	2.765	0.1500	3.573	0.5410	0.1353	9	-1.49	11%	0
013.13	Fat, Pretreat, Ankom- Acid Hydrolysis (%)	0581	3.070	0.2600	3.573	0.5410	0.1353	9	-0.93	7%	0
013.13	Fat, Pretreat, Ankom- Acid Hydrolysis (%)	2433	3.365	0.1500	3.573	0.5410	0.1353	9	-0.38	3%	0
013.13	Fat, Pretreat, Ankom- Acid Hydrolysis (%)	0354	3.445	0.0500	3.573	0.5410	0.1353	9	-0.24	2%	0
013.13	Fat, Pretreat, Ankom- Acid Hydrolysis (%)	0843	3.620	0.2800	3.573	0.5410	0.1353	9	0.09	1%	0
013.13	Fat, Pretreat, Ankom- Acid Hydrolysis (%)	0074	3.700	0.1600	3.573	0.5410	0.1353	9	0.24	2%	0
013.13	Fat, Pretreat, Ankom- Acid Hydrolysis (%)	0027	3.797	0.0170	3.573	0.5410	0.1353	9	0.41	3%	0
013.13	Fat, Pretreat, Ankom- Acid Hydrolysis (%)	0968	4.130	0.0200	3.573	0.5410	0.1353	9	1.03	8%	0
013.13	Fat, Pretreat, Ankom- Acid Hydrolysis (%)	0407	4.263	0.1309	3.573	0.5410	0.1353	9	1.28	10%	0
015.41	Aluminum, ICP, Dry ash (ppm)	0049	86.26	14.92				3			0
015.41	Aluminum, ICP, Dry ash (ppm)	0407	111.9	18.45				3			0
015.41	Aluminum, ICP, Dry ash (ppm)	0520	121.2	13.30				3			0
015.42	Aluminum, ICP, Open vessel (ppm)	0692	49.50	1.000				2			0
015.42	Aluminum, ICP, Open vessel (ppm)	2129	71.08	1.290				2			0
015.43	Aluminum, ICP, Microwave (ppm)	0510	96.00	0.0000	134.7	29.11	4.224	6	-1.33	14%	0
015.43	Aluminum, ICP, Microwave (ppm)	0169	121.5	5.000	134.7	29.11	4.224	6	-0.45	5%	0
015.43	Aluminum, ICP, Microwave (ppm)	0407	130.3	3.249	134.7	29.11	4.224	6	-0.15	2%	0
015.43	Aluminum, ICP, Microwave (ppm)	0345	135.6	6.300	134.7	29.11	4.224	6	0.03	0%	0
015.43	Aluminum, ICP, Microwave (ppm)	0353	157.0	2.990	134.7	29.11	4.224	6	0.76	8%	0
015.43	Aluminum, ICP, Microwave (ppm)	0226	168.0	3.580	134.7	29.11	4.224	6	1.14	12%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs			
015.53	Aluminum, ICP-MS, Microwave (ppm)	0407	138.1	8.777				1			0
017.41	Boron, ICP, Dry ash (ppm)	0358	6.955	0.1900	7.760	0.6336	0.2253	4			0
017.41	Boron, ICP, Dry ash (ppm)	0407	7.565	0.2310	7.760	0.6336	0.2253	4			0
017.41	Boron, ICP, Dry ash (ppm)	0226	8.165	0.0900	7.760	0.6336	0.2253	4			0
017.41	Boron, ICP, Dry ash (ppm)	0049	8.355	0.3900	7.760	0.6336	0.2253	4			0
017.42	Boron, ICP, Open vessel (ppm)	0045	7.260	0.0800				3			0
017.42	Boron, ICP, Open vessel (ppm)	0693	8.573	1.935				3			0
017.42	Boron, ICP, Open vessel (ppm)	2129	8.680	0.1200				3			0
017.43	Boron, ICP, Microwave (ppm)	0510	7.000	0.0000	8.030	0.9604	0.1211	7	-1.07	6%	0
017.43	Boron, ICP, Microwave (ppm)	0345	7.415	0.1300	8.030	0.9604	0.1211	7	-0.64	4%	0
017.43	Boron, ICP, Microwave (ppm)	0407	7.627	0.1866	8.030	0.9604	0.1211	7	-0.42	3%	0
017.43	Boron, ICP, Microwave (ppm)	0226	7.660	0.0600	8.030	0.9604	0.1211	7	-0.39	2%	0
017.43	Boron, ICP, Microwave (ppm)	0918	8.455	0.0100	8.030	0.9604	0.1211	7	0.44	3%	0
017.43	Boron, ICP, Microwave (ppm)	0083	8.585	0.3100	8.030	0.9604	0.1211	7	0.58	3%	0
017.43	Boron, ICP, Microwave (ppm)	0353	9.725	0.0300	8.030	0.9604	0.1211	7	1.76	11%	0
017.53	Boron, ICP-MS, Microwave (ppm)	0407	7.792	0.2595				1			0
019.00	Calcium, Ox-Mn04 Vol. (%)	2006	3.296	0.0230				3			0
019.00	Calcium, Ox-Mn04 Vol. (%)	2190	3.327	0.0500				3			0
019.00	Calcium, Ox-Mn04 Vol. (%)	2022	3.350	0.0400				3			0
019.00	Calcium, Ox-Mn04 Vol. (%)	0043	3.780	0.1000				3			2
019.08	Calcium, EDTA (%)	2193	3.130	0.0400	3.363	0.1405	0.0214	11	-1.66	3%	0
019.08	Calcium, EDTA (%)	2199	3.200	0.0000	3.363	0.1405	0.0214	11	-1.16	2%	0
019.08	Calcium, EDTA (%)	0689	3.230	0.0200	3.363	0.1405	0.0214	11	-0.94	2%	0
019.08	Calcium, EDTA (%)	0590	3.355	0.0300	3.363	0.1405	0.0214	11	-0.05	0%	0
019.08	Calcium, EDTA (%)	2337	3.355	0.0100	3.363	0.1405	0.0214	11	-0.05	0%	0
019.08	Calcium, EDTA (%)	2434	3.400	0.0000	3.363	0.1405	0.0214	11	0.27	1%	0
019.08	Calcium, EDTA (%)	2195	3.415	0.0100	3.363	0.1405	0.0214	11	0.37	1%	0
019.08	Calcium, EDTA (%)	2196	3.423	0.0000	3.363	0.1405	0.0214	11	0.43	1%	0
019.08	Calcium, EDTA (%)	2188	3.430	0.0200	3.363	0.1405	0.0214	11	0.48	1%	0
019.08	Calcium, EDTA (%)	2392	3.455	0.0300	3.363	0.1405	0.0214	11	0.66	1%	0
019.08	Calcium, EDTA (%)	0885	3.593	0.0108	3.363	0.1405	0.0214	11	1.64	3%	0
019.08	Calcium, EDTA (%)	2200	3.950	0.1000	3.363	0.1405	0.0214	11	4.18	9%	1
019.09	Calcium, Ion-selective electrode (%)	2006	3.364	0.0650				1			0
019.31	Calcium, AAS, Dry ash (%)	0646	2.730	0.0200	3.429	0.1504	0.0805	19	-4.65	10%	0
019.31	Calcium, AAS, Dry ash (%)	0018	2.945	0.0700	3.429	0.1504	0.0805	19	-3.22	7%	0
019.31	Calcium, AAS, Dry ash (%)	0038	3.255	0.2100	3.429	0.1504	0.0805	19	-1.16	3%	0
019.31	Calcium, AAS, Dry ash (%)	0622	3.311	0.0873	3.429	0.1504	0.0805	19	-0.79	2%	0
019.31	Calcium, AAS, Dry ash (%)	0536	3.335	0.0100	3.429	0.1504	0.0805	19	-0.63	1%	0
019.31	Calcium, AAS, Dry ash (%)	0939	3.350	0.1000	3.429	0.1504	0.0805	19	-0.53	1%	0
019.31	Calcium, AAS, Dry ash (%)	2196	3.370	0.0000	3.429	0.1504	0.0805	19	-0.39	1%	0
019.31	Calcium, AAS, Dry ash (%)	0001	3.416	0.0980	3.429	0.1504	0.0805	19	-0.09	0%	0
019.31	Calcium, AAS, Dry ash (%)	0723	3.425	0.0500	3.429	0.1504	0.0805	19	-0.03	0%	0

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			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
019.31	Calcium, AAS, Dry ash (%)	0014	3.440	0.1400	3.429	0.1504	0.0805	19	0.07	0%	0
019.31	Calcium, AAS, Dry ash (%)	0651	3.443	0.1361	3.429	0.1504	0.0805	19	0.09	0%	0
019.31	Calcium, AAS, Dry ash (%)	2325	3.450	0.0000	3.429	0.1504	0.0805	19	0.14	0%	0
019.31	Calcium, AAS, Dry ash (%)	0687	3.470	0.1200	3.429	0.1504	0.0805	19	0.27	1%	0
019.31	Calcium, AAS, Dry ash (%)	0948	3.515	0.0100	3.429	0.1504	0.0805	19	0.57	1%	0
019.31	Calcium, AAS, Dry ash (%)	2246	3.550	0.0000	3.429	0.1504	0.0805	19	0.80	2%	0
019.31	Calcium, AAS, Dry ash (%)	0656	3.570	0.0000	3.429	0.1504	0.0805	19	0.93	2%	0
019.31	Calcium, AAS, Dry ash (%)	0108	3.595	0.0500	3.429	0.1504	0.0805	19	1.10	2%	0
019.31	Calcium, AAS, Dry ash (%)	0529	3.600	0.0600	3.429	0.1504	0.0805	19	1.13	2%	0
019.31	Calcium, AAS, Dry ash (%)	0722	3.691	0.0951	3.429	0.1504	0.0805	19	1.74	4%	0
019.32	Calcium, AAS, Open vessel (%)	0169	3.395	0.0100				1			0
019.33	Calcium, AAS, Microwave (%)	2022	3.405	0.0500				1			0
019.41	Calcium, ICP, Dry ash (%)	0358	3.025	0.0700	3.389	0.1907	0.0804	20	-1.91	5%	0
019.41	Calcium, ICP, Dry ash (%)	2259	3.073	0.0430	3.389	0.1907	0.0804	20	-1.66	5%	0
019.41	Calcium, ICP, Dry ash (%)	0520	3.152	0.0628	3.389	0.1907	0.0804	20	-1.24	3%	0
019.41	Calcium, ICP, Dry ash (%)	0098	3.170	0.0600	3.389	0.1907	0.0804	20	-1.15	3%	0
019.41	Calcium, ICP, Dry ash (%)	0298	3.210	0.0200	3.389	0.1907	0.0804	20	-0.94	3%	0
019.41	Calcium, ICP, Dry ash (%)	0049	3.320	0.2000	3.389	0.1907	0.0804	20	-0.36	1%	0
019.41	Calcium, ICP, Dry ash (%)	2482	3.358	0.0170	3.389	0.1907	0.0804	20	-0.16	0%	0
019.41	Calcium, ICP, Dry ash (%)	0144	3.380	0.2200	3.389	0.1907	0.0804	20	-0.05	0%	0
019.41	Calcium, ICP, Dry ash (%)	0004	3.395	0.1700	3.389	0.1907	0.0804	20	0.03	0%	0
019.41	Calcium, ICP, Dry ash (%)	0171	3.415	0.0100	3.389	0.1907	0.0804	20	0.14	0%	0
019.41	Calcium, ICP, Dry ash (%)	0066	3.420	0.1600	3.389	0.1907	0.0804	20	0.16	0%	0
019.41	Calcium, ICP, Dry ash (%)	0598	3.438	0.0464	3.389	0.1907	0.0804	20	0.26	1%	0
019.41	Calcium, ICP, Dry ash (%)	0019	3.460	0.2600	3.389	0.1907	0.0804	20	0.37	1%	0
019.41	Calcium, ICP, Dry ash (%)	0685	3.480	0.0400	3.389	0.1907	0.0804	20	0.48	1%	0
019.41	Calcium, ICP, Dry ash (%)	0148	3.485	0.0100	3.389	0.1907	0.0804	20	0.51	1%	0
019.41	Calcium, ICP, Dry ash (%)	0413	3.500	0.1200	3.389	0.1907	0.0804	20	0.58	2%	0
019.41	Calcium, ICP, Dry ash (%)	0407	3.515	0.0147	3.389	0.1907	0.0804	20	0.66	2%	0
019.41	Calcium, ICP, Dry ash (%)	0226	3.535	0.0700	3.389	0.1907	0.0804	20	0.77	2%	0
019.41	Calcium, ICP, Dry ash (%)	0674	3.660	0.0000	3.389	0.1907	0.0804	20	1.42	4%	0
019.41	Calcium, ICP, Dry ash (%)	0619	3.685	0.0100	3.389	0.1907	0.0804	20	1.55	4%	0
019.42	Calcium, ICP, Open vessel (%)	0202	3.105	0.0100	3.397	0.1917	0.0410	16	-1.52	4%	0
019.42	Calcium, ICP, Open vessel (%)	2129	3.130	0.0200	3.397	0.1917	0.0410	16	-1.39	4%	0
019.42	Calcium, ICP, Open vessel (%)	0278	3.240	0.0200	3.397	0.1917	0.0410	16	-0.82	2%	0
019.42	Calcium, ICP, Open vessel (%)	0504	3.260	0.0800	3.397	0.1917	0.0410	16	-0.71	2%	0
019.42	Calcium, ICP, Open vessel (%)	2319	3.270	0.0400	3.397	0.1917	0.0410	16	-0.66	2%	0
019.42	Calcium, ICP, Open vessel (%)	0613	3.300	0.1600	3.397	0.1917	0.0410	16	-0.51	1%	0
019.42	Calcium, ICP, Open vessel (%)	0263	3.333	0.0150	3.397	0.1917	0.0410	16	-0.34	1%	0
019.42	Calcium, ICP, Open vessel (%)	0009	3.409	0.2367	3.397	0.1917	0.0410	16	0.06	0%	0
019.42	Calcium, ICP, Open vessel (%)	0190	3.460	0.0400	3.397	0.1917	0.0410	16	0.33	1%	0
019.42	Calcium, ICP, Open vessel (%)	0045	3.480	0.0000	3.397	0.1917	0.0410	16	0.43	1%	0



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			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
019.42	Calcium, ICP, Open vessel (%)	0357	3.497	0.0282	3.397	0.1917	0.0410	16	0.52	1%	0
019.42	Calcium, ICP, Open vessel (%)	0186	3.504	0.0152	3.397	0.1917	0.0410	16	0.56	2%	0
019.42	Calcium, ICP, Open vessel (%)	2433	3.510	0.0179	3.397	0.1917	0.0410	16	0.59	2%	0
019.42	Calcium, ICP, Open vessel (%)	0870	3.537	0.0980	3.397	0.1917	0.0410	16	0.73	2%	0
019.42	Calcium, ICP, Open vessel (%)	0692	3.630	0.0200	3.397	0.1917	0.0410	16	1.21	3%	0
019.42	Calcium, ICP, Open vessel (%)	0726	4.005	0.0100	3.397	0.1917	0.0410	16	3.17	9%	0
019.42	Calcium, ICP, Open vessel (%)	0693	3.495	0.4000	3.397	0.1917	0.0410	16	0.51	1%	1
019.43	Calcium, ICP, Microwave (%)	0089	2.305	0.0100	3.413	0.1959	0.0768	33	-5.65	16%	0
019.43	Calcium, ICP, Microwave (%)	2115	3.065	0.0700	3.413	0.1959	0.0768	33	-1.77	5%	0
019.43	Calcium, ICP, Microwave (%)	2326	3.085	0.0700	3.413	0.1959	0.0768	33	-1.67	5%	0
019.43	Calcium, ICP, Microwave (%)	2476	3.110	0.3750	3.413	0.1959	0.0768	33	-1.55	4%	0
019.43	Calcium, ICP, Microwave (%)	0511	3.145	0.0700	3.413	0.1959	0.0768	33	-1.37	4%	0
019.43	Calcium, ICP, Microwave (%)	0875	3.210	0.2350	3.413	0.1959	0.0768	33	-1.04	3%	0
019.43	Calcium, ICP, Microwave (%)	0354	3.221	0.0410	3.413	0.1959	0.0768	33	-0.98	3%	0
019.43	Calcium, ICP, Microwave (%)	0010	3.280	0.0800	3.413	0.1959	0.0768	33	-0.68	2%	0
019.43	Calcium, ICP, Microwave (%)	0036	3.285	0.0566	3.413	0.1959	0.0768	33	-0.65	2%	0
019.43	Calcium, ICP, Microwave (%)	0510	3.345	0.0900	3.413	0.1959	0.0768	33	-0.35	1%	0
019.43	Calcium, ICP, Microwave (%)	0675	3.350	0.0200	3.413	0.1959	0.0768	33	-0.32	1%	0
019.43	Calcium, ICP, Microwave (%)	0033	3.355	0.1100	3.413	0.1959	0.0768	33	-0.29	1%	0
019.43	Calcium, ICP, Microwave (%)	0353	3.385	0.1100	3.413	0.1959	0.0768	33	-0.14	0%	0
019.43	Calcium, ICP, Microwave (%)	0682	3.410	0.0000	3.413	0.1959	0.0768	33	-0.01	0%	0
019.43	Calcium, ICP, Microwave (%)	0098	3.430	0.1200	3.413	0.1959	0.0768	33	0.09	0%	0
019.43	Calcium, ICP, Microwave (%)	0226	3.440	0.0800	3.413	0.1959	0.0768	33	0.14	0%	0
019.43	Calcium, ICP, Microwave (%)	0345	3.446	0.0490	3.413	0.1959	0.0768	33	0.17	0%	0
019.43	Calcium, ICP, Microwave (%)	0001	3.455	0.0500	3.413	0.1959	0.0768	33	0.22	1%	0
019.43	Calcium, ICP, Microwave (%)	0035	3.455	0.1100	3.413	0.1959	0.0768	33	0.22	1%	0
019.43	Calcium, ICP, Microwave (%)	0017	3.463	0.3277	3.413	0.1959	0.0768	33	0.26	1%	0
019.43	Calcium, ICP, Microwave (%)	2192	3.465	0.0300	3.413	0.1959	0.0768	33	0.27	1%	0
019.43	Calcium, ICP, Microwave (%)	0505	3.501	0.0130	3.413	0.1959	0.0768	33	0.45	1%	0
019.43	Calcium, ICP, Microwave (%)	0011	3.515	0.0900	3.413	0.1959	0.0768	33	0.52	1%	0
019.43	Calcium, ICP, Microwave (%)	0848	3.530	0.0800	3.413	0.1959	0.0768	33	0.60	2%	0
019.43	Calcium, ICP, Microwave (%)	0870	3.546	0.1160	3.413	0.1959	0.0768	33	0.68	2%	0
019.43	Calcium, ICP, Microwave (%)	0083	3.550	0.0400	3.413	0.1959	0.0768	33	0.70	2%	0
019.43	Calcium, ICP, Microwave (%)	2089	3.560	0.0400	3.413	0.1959	0.0768	33	0.75	2%	0
019.43	Calcium, ICP, Microwave (%)	0027	3.568	0.0240	3.413	0.1959	0.0768	33	0.79	2%	0
019.43	Calcium, ICP, Microwave (%)	0918	3.577	0.1780	3.413	0.1959	0.0768	33	0.84	2%	0
019.43	Calcium, ICP, Microwave (%)	0038	3.615	0.1900	3.413	0.1959	0.0768	33	1.03	3%	0
019.43	Calcium, ICP, Microwave (%)	0407	3.630	0.0215	3.413	0.1959	0.0768	33	1.11	3%	0
019.43	Calcium, ICP, Microwave (%)	0610	3.730	0.0600	3.413	0.1959	0.0768	33	1.62	5%	0
019.43	Calcium, ICP, Microwave (%)	0968	4.038	0.0298	3.413	0.1959	0.0768	33	3.19	9%	0
019.44	Calcium, ICP, Dry ash (%)	2114	3.436	0.0568				1			0
019.52	Calcium, ICP-MS, Open vessel (%)	0186	3.300	0.0756				2			0

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			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs			
019.52	Calcium, ICP-MS, Open vessel (%)	0047	3.725	0.0500				2			0
019.53	Calcium, ICP-MS, Microwave (%)	0939	3.255	0.0100				3			0
019.53	Calcium, ICP-MS, Microwave (%)	0016	3.445	0.0100				3			0
019.53	Calcium, ICP-MS, Microwave (%)	0407	3.557	0.0677				3			0
019.99	Calcium, Miscellaneous (%)	0676	3.225	0.1100				3			0
019.99	Calcium, Miscellaneous (%)	0100	3.260	0.2000				3			0
019.99	Calcium, Miscellaneous (%)	0242	3.315	0.1100				3			0
019.99	Calcium, Miscellaneous (%)	0889	2.040	0.0200				3			2
021.00	Cobalt, Color (ppm)	0226	1.535	0.0300				1			0
021.31	Cobalt, AAS, Dry ash (ppm)	0939	2.035	0.0700				1			0
021.41	Cobalt, ICP, Dry ash (ppm)	0619	1.130	0.0400				2			0
021.41	Cobalt, ICP, Dry ash (ppm)	0407	1.916	0.1248				2			0
021.42	Cobalt, ICP, Open vessel (ppm)	0685	1.340	0.0600	1.583	0.2315	0.0895	4			0
021.42	Cobalt, ICP, Open vessel (ppm)	0693	1.452	0.0620	1.583	0.2315	0.0895	4			0
021.42	Cobalt, ICP, Open vessel (ppm)	2433	1.686	0.0460	1.583	0.2315	0.0895	4			0
021.42	Cobalt, ICP, Open vessel (ppm)	0045	1.855	0.1900	1.583	0.2315	0.0895	4			0
021.43	Cobalt, ICP, Microwave (ppm)	0345	1.540	0.0800	1.983	0.5363	0.0742	6	-0.83	11%	0
021.43	Cobalt, ICP, Microwave (ppm)	0510	1.620	0.0600	1.983	0.5363	0.0742	6	-0.68	9%	0
021.43	Cobalt, ICP, Microwave (ppm)	0875	1.678	0.1960	1.983	0.5363	0.0742	6	-0.57	8%	0
021.43	Cobalt, ICP, Microwave (ppm)	0407	2.104	0.0152	1.983	0.5363	0.0742	6	0.23	3%	0
021.43	Cobalt, ICP, Microwave (ppm)	0169	2.170	0.0200	1.983	0.5363	0.0742	6	0.35	5%	0
021.43	Cobalt, ICP, Microwave (ppm)	0682	3.300	0.0000	1.983	0.5363	0.0742	6	2.46	33%	0
021.43	Cobalt, ICP, Microwave (ppm)	2476	13.77	4.410	1.983	0.5363	0.0742	6	21.97	297%	1
021.52	Cobalt, ICP-MS, Open vessel (ppm)	0186	1.250	0.0200				1			0
021.53	Cobalt, ICP-MS, Microwave (ppm)	0939	1.800	0.3200				3			0
021.53	Cobalt, ICP-MS, Microwave (ppm)	0407	2.168	0.0338				3			0
021.53	Cobalt, ICP-MS, Microwave (ppm)	0610	2.195	0.0500				3			0
022.31	Copper, AAS, Dry ash (ppm)	0939	28.78	0.2900	35.56	6.284	0.2967	4			0
022.31	Copper, AAS, Dry ash (ppm)	2196	33.06	0.0000	35.56	6.284	0.2967	4			0
022.31	Copper, AAS, Dry ash (ppm)	0529	36.80	0.2000	35.56	6.284	0.2967	4			0
022.31	Copper, AAS, Dry ash (ppm)	0689	43.60	0.4000	35.56	6.284	0.2967	4			0
022.31	Copper, AAS, Dry ash (ppm)	0651	30.55	3.980	35.56	6.284	0.2967	4			1
022.31	Copper, AAS, Dry ash (ppm)	0656	< 0.1514		35.56	6.284	0.2967	4			5
022.32	Copper, AAS, Open vessel (ppm)	0038	29.80	3.600				1			0
022.33	Copper, AAS, Microwave (ppm)	0948	32.03	0.1340				1			0
022.35	Copper, AAS, Dry ash (ppm)	2188	30.30	0.9400				1			0
022.41	Copper, ICP, Dry ash (ppm)	0358	26.82	0.2500	30.81	2.210	1.230	13	-1.81	6%	0
022.41	Copper, ICP, Dry ash (ppm)	0848	27.64	1.323	30.81	2.210	1.230	13	-1.43	5%	0
022.41	Copper, ICP, Dry ash (ppm)	0520	29.07	0.2680	30.81	2.210	1.230	13	-0.79	3%	0
022.41	Copper, ICP, Dry ash (ppm)	0407	29.63	0.2753	30.81	2.210	1.230	13	-0.53	2%	0
022.41	Copper, ICP, Dry ash (ppm)	0619	30.45	0.5000	30.81	2.210	1.230	13	-0.16	1%	0
022.41	Copper, ICP, Dry ash (ppm)	0171	30.65	0.1000	30.81	2.210	1.230	13	-0.07	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	
022.41	Copper, ICP, Dry ash (ppm)	0049	31.10	2.160	30.81	2.210	1.230	13	0.13	0%	0
022.41	Copper, ICP, Dry ash (ppm)	0598	31.60	0.1875	30.81	2.210	1.230	13	0.36	1%	0
022.41	Copper, ICP, Dry ash (ppm)	0098	31.81	1.310	30.81	2.210	1.230	13	0.45	2%	0
022.41	Copper, ICP, Dry ash (ppm)	0148	31.97	3.008	30.81	2.210	1.230	13	0.53	2%	0
022.41	Copper, ICP, Dry ash (ppm)	0019	32.20	4.555	30.81	2.210	1.230	13	0.63	2%	0
022.41	Copper, ICP, Dry ash (ppm)	0004	32.81	2.660	30.81	2.210	1.230	13	0.90	3%	0
022.41	Copper, ICP, Dry ash (ppm)	0226	34.60	0.7600	30.81	2.210	1.230	13	1.71	6%	0
022.41	Copper, ICP, Dry ash (ppm)	0674	163.0	0.0000	30.81	2.210	1.230	13	59.79	214%	2
022.42	Copper, ICP, Open vessel (ppm)	0870	28.64	0.5800	31.74	1.683	1.090	18	-1.84	5%	0
022.42	Copper, ICP, Open vessel (ppm)	2129	29.81	1.470	31.74	1.683	1.090	18	-1.15	3%	0
022.42	Copper, ICP, Open vessel (ppm)	0190	29.90	0.0400	31.74	1.683	1.090	18	-1.09	3%	0
022.42	Copper, ICP, Open vessel (ppm)	0504	29.90	0.6000	31.74	1.683	1.090	18	-1.09	3%	0
022.42	Copper, ICP, Open vessel (ppm)	0202	30.30	2.400	31.74	1.683	1.090	18	-0.85	2%	0
022.42	Copper, ICP, Open vessel (ppm)	0045	31.10	3.400	31.74	1.683	1.090	18	-0.38	1%	0
022.42	Copper, ICP, Open vessel (ppm)	2319	31.35	0.5000	31.74	1.683	1.090	18	-0.23	1%	0
022.42	Copper, ICP, Open vessel (ppm)	0263	31.36	0.1740	31.74	1.683	1.090	18	-0.23	1%	0
022.42	Copper, ICP, Open vessel (ppm)	0357	31.40	0.3370	31.74	1.683	1.090	18	-0.20	1%	0
022.42	Copper, ICP, Open vessel (ppm)	0726	31.63	0.0100	31.74	1.683	1.090	18	-0.07	0%	0
022.42	Copper, ICP, Open vessel (ppm)	0009	32.50	3.000	31.74	1.683	1.090	18	0.45	1%	0
022.42	Copper, ICP, Open vessel (ppm)	0186	32.88	1.750	31.74	1.683	1.090	18	0.68	2%	0
022.42	Copper, ICP, Open vessel (ppm)	0685	32.95	0.1200	31.74	1.683	1.090	18	0.72	2%	0
022.42	Copper, ICP, Open vessel (ppm)	0692	32.95	0.2400	31.74	1.683	1.090	18	0.72	2%	0
022.42	Copper, ICP, Open vessel (ppm)	0613	33.18	1.190	31.74	1.683	1.090	18	0.86	2%	0
022.42	Copper, ICP, Open vessel (ppm)	2433	33.39	1.163	31.74	1.683	1.090	18	0.99	3%	0
022.42	Copper, ICP, Open vessel (ppm)	0413	33.45	1.700	31.74	1.683	1.090	18	1.02	3%	0
022.42	Copper, ICP, Open vessel (ppm)	0278	34.00	2.000	31.74	1.683	1.090	18	1.35	4%	0
022.42	Copper, ICP, Open vessel (ppm)	0693	43.57	14.79	31.74	1.683	1.090	18	7.03	19%	1
022.43	Copper, ICP, Microwave (ppm)	2326	25.00	2.000	31.19	2.362	0.9855	30	-2.62	10%	0
022.43	Copper, ICP, Microwave (ppm)	0723	27.00	0.4000	31.19	2.362	0.9855	30	-1.77	7%	0
022.43	Copper, ICP, Microwave (ppm)	0511	28.00	0.0000	31.19	2.362	0.9855	30	-1.35	5%	0
022.43	Copper, ICP, Microwave (ppm)	2089	28.08	0.0200	31.19	2.362	0.9855	30	-1.32	5%	0
022.43	Copper, ICP, Microwave (ppm)	0848	28.98	0.5150	31.19	2.362	0.9855	30	-0.94	4%	0
022.43	Copper, ICP, Microwave (ppm)	0033	29.25	0.1000	31.19	2.362	0.9855	30	-0.82	3%	0
022.43	Copper, ICP, Microwave (ppm)	0870	29.34	1.300	31.19	2.362	0.9855	30	-0.78	3%	0
022.43	Copper, ICP, Microwave (ppm)	0407	29.79	0.1168	31.19	2.362	0.9855	30	-0.59	2%	0
022.43	Copper, ICP, Microwave (ppm)	0918	29.81	2.680	31.19	2.362	0.9855	30	-0.58	2%	0
022.43	Copper, ICP, Microwave (ppm)	0017	30.01	3.129	31.19	2.362	0.9855	30	-0.50	2%	0
022.43	Copper, ICP, Microwave (ppm)	2115	30.16	0.5500	31.19	2.362	0.9855	30	-0.44	2%	0
022.43	Copper, ICP, Microwave (ppm)	0169	30.20	0.0000	31.19	2.362	0.9855	30	-0.42	2%	0
022.43	Copper, ICP, Microwave (ppm)	0345	30.55	0.7000	31.19	2.362	0.9855	30	-0.27	1%	0
022.43	Copper, ICP, Microwave (ppm)	0682	31.20	0.0000	31.19	2.362	0.9855	30	0.00	0%	0
022.43	Copper, ICP, Microwave (ppm)	0354	31.45	4.350	31.19	2.362	0.9855	30	0.11	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	
022.43	Copper, ICP, Microwave (ppm)	0510	31.50	1.000	31.19	2.362	0.9855	30	0.13	0%	0
022.43	Copper, ICP, Microwave (ppm)	0038	31.55	1.300	31.19	2.362	0.9855	30	0.15	1%	0
022.43	Copper, ICP, Microwave (ppm)	0083	31.58	0.0100	31.19	2.362	0.9855	30	0.16	1%	0
022.43	Copper, ICP, Microwave (ppm)	0968	31.81	0.7865	31.19	2.362	0.9855	30	0.26	1%	0
022.43	Copper, ICP, Microwave (ppm)	0875	31.86	0.9020	31.19	2.362	0.9855	30	0.28	1%	0
022.43	Copper, ICP, Microwave (ppm)	0098	32.61	1.360	31.19	2.362	0.9855	30	0.60	2%	0
022.43	Copper, ICP, Microwave (ppm)	0675	32.81	0.2300	31.19	2.362	0.9855	30	0.68	3%	0
022.43	Copper, ICP, Microwave (ppm)	2192	33.05	0.7000	31.19	2.362	0.9855	30	0.79	3%	0
022.43	Copper, ICP, Microwave (ppm)	0010	33.10	1.600	31.19	2.362	0.9855	30	0.81	3%	0
022.43	Copper, ICP, Microwave (ppm)	0610	33.33	0.2500	31.19	2.362	0.9855	30	0.90	3%	0
022.43	Copper, ICP, Microwave (ppm)	0001	33.40	3.600	31.19	2.362	0.9855	30	0.94	4%	0
022.43	Copper, ICP, Microwave (ppm)	0353	33.57	0.2700	31.19	2.362	0.9855	30	1.01	4%	0
022.43	Copper, ICP, Microwave (ppm)	0035	34.00	2.000	31.19	2.362	0.9855	30	1.19	5%	0
022.43	Copper, ICP, Microwave (ppm)	0027	34.73	0.7690	31.19	2.362	0.9855	30	1.50	6%	0
022.43	Copper, ICP, Microwave (ppm)	0226	39.41	0.3400	31.19	2.362	0.9855	30	3.48	13%	0
022.43	Copper, ICP, Microwave (ppm)	2476	34.56	7.700	31.19	2.362	0.9855	30	1.43	5%	1
022.44	Copper, ICP, Dry ash (ppm)	0066	31.09	1.290				2			0
022.44	Copper, ICP, Dry ash (ppm)	2114	31.99	0.2530				2			0
022.52	Copper, ICP-MS, Open vessel (ppm)	0047	24.70	0.0600				2			0
022.52	Copper, ICP-MS, Open vessel (ppm)	0186	32.07	0.3000				2			0
022.53	Copper, ICP-MS, Microwave (ppm)	0939	27.86	0.7900				3			0
022.53	Copper, ICP-MS, Microwave (ppm)	0016	28.90	0.4000				3			0
022.53	Copper, ICP-MS, Microwave (ppm)	0407	33.25	1.081				3			0
022.99	Copper, Miscellaneous (ppm)	0590	30.05	0.1000				3			0
022.99	Copper, Miscellaneous (ppm)	0100	31.50	1.000				3			0
022.99	Copper, Miscellaneous (ppm)	0242	33.00	2.000				3			0
025.31	Iron, AAS, Dry ash (ppm)	2246	198.8	0.2000	411.2	59.48	15.41	10	-3.57	26%	0
025.31	Iron, AAS, Dry ash (ppm)	0689	340.9	32.90	411.2	59.48	15.41	10	-1.18	9%	0
025.31	Iron, AAS, Dry ash (ppm)	2188	356.4	39.82	411.2	59.48	15.41	10	-0.92	7%	0
025.31	Iron, AAS, Dry ash (ppm)	0939	414.1	9.080	411.2	59.48	15.41	10	0.05	0%	0
025.31	Iron, AAS, Dry ash (ppm)	2196	427.6	0.0000	411.2	59.48	15.41	10	0.27	2%	0
025.31	Iron, AAS, Dry ash (ppm)	0529	435.3	0.5000	411.2	59.48	15.41	10	0.40	3%	0
025.31	Iron, AAS, Dry ash (ppm)	2195	438.1	22.31	411.2	59.48	15.41	10	0.45	3%	0
025.31	Iron, AAS, Dry ash (ppm)	0656	447.5	0.0000	411.2	59.48	15.41	10	0.61	4%	0
025.31	Iron, AAS, Dry ash (ppm)	0651	458.1	1.443	411.2	59.48	15.41	10	0.79	6%	0
025.31	Iron, AAS, Dry ash (ppm)	0038	472.5	17.00	411.2	59.48	15.41	10	1.03	7%	0
025.33	Iron, AAS, Microwave (ppm)	0948	342.2	9.580				2			0
025.33	Iron, AAS, Microwave (ppm)	2022	426.6	0.6200				2			0
025.41	Iron, ICP, Dry ash (ppm)	0358	362.3	7.320	418.0	45.33	15.19	14	-1.23	7%	0
025.41	Iron, ICP, Dry ash (ppm)	0598	365.0	3.191	418.0	45.33	15.19	14	-1.17	6%	0
025.41	Iron, ICP, Dry ash (ppm)	0619	366.0	10.00	418.0	45.33	15.19	14	-1.15	6%	0
025.41	Iron, ICP, Dry ash (ppm)	0407	388.7	20.17	418.0	45.33	15.19	14	-0.65	4%	0

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			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
025.41	Iron, ICP, Dry ash (ppm)	0520	398.9	24.90	418.0	45.33	15.19	14	-0.42	2%	0
025.41	Iron, ICP, Dry ash (ppm)	0098	400.9	12.70	418.0	45.33	15.19	14	-0.38	2%	0
025.41	Iron, ICP, Dry ash (ppm)	2114	402.9	6.810	418.0	45.33	15.19	14	-0.33	2%	0
025.41	Iron, ICP, Dry ash (ppm)	0171	417.0	2.000	418.0	45.33	15.19	14	-0.02	0%	0
025.41	Iron, ICP, Dry ash (ppm)	0049	444.3	4.550	418.0	45.33	15.19	14	0.58	3%	0
025.41	Iron, ICP, Dry ash (ppm)	0019	448.0	26.30	418.0	45.33	15.19	14	0.66	4%	0
025.41	Iron, ICP, Dry ash (ppm)	0226	454.6	8.600	418.0	45.33	15.19	14	0.81	4%	0
025.41	Iron, ICP, Dry ash (ppm)	0004	465.3	36.31	418.0	45.33	15.19	14	1.04	6%	0
025.41	Iron, ICP, Dry ash (ppm)	0148	467.7	40.28	418.0	45.33	15.19	14	1.10	6%	0
025.41	Iron, ICP, Dry ash (ppm)	0674	470.6	0.0000	418.0	45.33	15.19	14	1.16	6%	0
025.42	Iron, ICP, Open vessel (ppm)	2319	28.15	0.3000	345.1	56.76	11.97	17	-5.58	46%	0
025.42	Iron, ICP, Open vessel (ppm)	0726	260.2	0.1000	345.1	56.76	11.97	17	-1.50	12%	0
025.42	Iron, ICP, Open vessel (ppm)	0190	271.6	1.400	345.1	56.76	11.97	17	-1.29	11%	0
025.42	Iron, ICP, Open vessel (ppm)	0202	293.5	3.000	345.1	56.76	11.97	17	-0.91	7%	0
025.42	Iron, ICP, Open vessel (ppm)	0278	322.0	28.00	345.1	56.76	11.97	17	-0.41	3%	0
025.42	Iron, ICP, Open vessel (ppm)	0413	325.7	14.08	345.1	56.76	11.97	17	-0.34	3%	0
025.42	Iron, ICP, Open vessel (ppm)	0692	333.5	7.000	345.1	56.76	11.97	17	-0.20	2%	0
025.42	Iron, ICP, Open vessel (ppm)	0357	339.8	10.38	345.1	56.76	11.97	17	-0.09	1%	0
025.42	Iron, ICP, Open vessel (ppm)	0045	362.0	42.00	345.1	56.76	11.97	17	0.30	2%	0
025.42	Iron, ICP, Open vessel (ppm)	0613	373.2	26.92	345.1	56.76	11.97	17	0.49	4%	0
025.42	Iron, ICP, Open vessel (ppm)	0504	375.0	6.000	345.1	56.76	11.97	17	0.53	4%	0
025.42	Iron, ICP, Open vessel (ppm)	0870	375.2	6.200	345.1	56.76	11.97	17	0.53	4%	0
025.42	Iron, ICP, Open vessel (ppm)	0693	376.4	19.46	345.1	56.76	11.97	17	0.55	5%	0
025.42	Iron, ICP, Open vessel (ppm)	0009	377.0	60.00	345.1	56.76	11.97	17	0.56	5%	0
025.42	Iron, ICP, Open vessel (ppm)	0263	399.0	3.100	345.1	56.76	11.97	17	0.95	8%	0
025.42	Iron, ICP, Open vessel (ppm)	2433	411.1	14.41	345.1	56.76	11.97	17	1.16	10%	0
025.42	Iron, ICP, Open vessel (ppm)	2129	411.1	0.4000	345.1	56.76	11.97	17	1.16	10%	0
025.43	Iron, ICP, Microwave (ppm)	0017	313.1	59.09	412.6	36.36	10.76	29	-2.74	12%	0
025.43	Iron, ICP, Microwave (ppm)	2089	353.3	9.790	412.6	36.36	10.76	29	-1.63	7%	0
025.43	Iron, ICP, Microwave (ppm)	0875	371.1	10.47	412.6	36.36	10.76	29	-1.14	5%	0
025.43	Iron, ICP, Microwave (ppm)	0511	374.0	14.00	412.6	36.36	10.76	29	-1.06	5%	0
025.43	Iron, ICP, Microwave (ppm)	2192	374.5	23.00	412.6	36.36	10.76	29	-1.05	5%	0
025.43	Iron, ICP, Microwave (ppm)	0169	375.0	0.0000	412.6	36.36	10.76	29	-1.03	5%	0
025.43	Iron, ICP, Microwave (ppm)	0345	383.6	19.40	412.6	36.36	10.76	29	-0.80	4%	0
025.43	Iron, ICP, Microwave (ppm)	2326	385.5	9.000	412.6	36.36	10.76	29	-0.75	3%	0
025.43	Iron, ICP, Microwave (ppm)	0083	389.6	10.00	412.6	36.36	10.76	29	-0.63	3%	0
025.43	Iron, ICP, Microwave (ppm)	0723	391.6	4.400	412.6	36.36	10.76	29	-0.58	3%	0
025.43	Iron, ICP, Microwave (ppm)	0033	400.0	10.00	412.6	36.36	10.76	29	-0.35	2%	0
025.43	Iron, ICP, Microwave (ppm)	0407	404.1	3.329	412.6	36.36	10.76	29	-0.23	1%	0
025.43	Iron, ICP, Microwave (ppm)	0354	406.7	14.41	412.6	36.36	10.76	29	-0.16	1%	0
025.43	Iron, ICP, Microwave (ppm)	0510	411.0	2.000	412.6	36.36	10.76	29	-0.04	0%	0
025.43	Iron, ICP, Microwave (ppm)	0968	417.8	2.608	412.6	36.36	10.76	29	0.14	1%	0

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			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
025.43	Iron, ICP, Microwave (ppm)	2115	420.0	7.770	412.6	36.36	10.76	29	0.20	1%	0
025.43	Iron, ICP, Microwave (ppm)	0226	420.6	4.350	412.6	36.36	10.76	29	0.22	1%	0
025.43	Iron, ICP, Microwave (ppm)	0505	424.9	1.100	412.6	36.36	10.76	29	0.34	1%	0
025.43	Iron, ICP, Microwave (ppm)	0010	428.0	17.20	412.6	36.36	10.76	29	0.42	2%	0
025.43	Iron, ICP, Microwave (ppm)	0918	432.3	9.140	412.6	36.36	10.76	29	0.54	2%	0
025.43	Iron, ICP, Microwave (ppm)	0870	434.2	16.60	412.6	36.36	10.76	29	0.59	3%	0
025.43	Iron, ICP, Microwave (ppm)	0682	436.0	0.0000	412.6	36.36	10.76	29	0.64	3%	0
025.43	Iron, ICP, Microwave (ppm)	0098	437.2	19.90	412.6	36.36	10.76	29	0.68	3%	0
025.43	Iron, ICP, Microwave (ppm)	0610	442.5	37.00	412.6	36.36	10.76	29	0.82	4%	0
025.43	Iron, ICP, Microwave (ppm)	0035	447.5	3.000	412.6	36.36	10.76	29	0.96	4%	0
025.43	Iron, ICP, Microwave (ppm)	0353	451.7	3.010	412.6	36.36	10.76	29	1.08	5%	0
025.43	Iron, ICP, Microwave (ppm)	0675	460.5	1.890	412.6	36.36	10.76	29	1.32	6%	0
025.43	Iron, ICP, Microwave (ppm)	0001	462.5	9.000	412.6	36.36	10.76	29	1.37	6%	0
025.43	Iron, ICP, Microwave (ppm)	0038	501.5	19.00	412.6	36.36	10.76	29	2.45	11%	0
025.43	Iron, ICP, Microwave (ppm)	2476	370.0	75.30	412.6	36.36	10.76	29	-1.17	5%	1
025.52	Iron, ICP-MS, Open vessel (ppm)	0047	177.0	1.000				1			0
025.53	Iron, ICP-MS, Microwave (ppm)	0016	382.0	102.0				3			0
025.53	Iron, ICP-MS, Microwave (ppm)	0939	409.0	26.00				3			0
025.53	Iron, ICP-MS, Microwave (ppm)	0407	419.9	4.525				3			0
025.99	Iron, Miscellaneous (ppm)	0100	399.5	5.000				2			0
025.99	Iron, Miscellaneous (ppm)	0242	422.5	3.000				2			0
027.31	Magnesium, AAS, Dry ash (%)	2246	0.0610	0.0000				3			0
027.31	Magnesium, AAS, Dry ash (%)	0536	0.2435	0.0010				3			0
027.31	Magnesium, AAS, Dry ash (%)	2196	0.3300	0.0000				3			0
027.31	Magnesium, AAS, Dry ash (%)	0939	0.3150	0.0100				3			1
027.32	Magnesium, AAS, Open vessel (%)	0169	0.0000	0.0000				0			4
027.33	Magnesium, AAS, Microwave (%)	0948	0.3465	0.0030				1			0
027.41	Magnesium, ICP, Dry ash (%)	0520	0.2911	0.0032	0.3215	0.0214	0.0112	12	-1.42	5%	0
027.41	Magnesium, ICP, Dry ash (%)	0358	0.2950	0.0100	0.3215	0.0214	0.0112	12	-1.24	4%	0
027.41	Magnesium, ICP, Dry ash (%)	0098	0.3000	0.0000	0.3215	0.0214	0.0112	12	-1.01	3%	0
027.41	Magnesium, ICP, Dry ash (%)	2482	0.3190	0.0040	0.3215	0.0214	0.0112	12	-0.12	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0407	0.3193	0.0065	0.3215	0.0214	0.0112	12	-0.10	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0004	0.3200	0.0200	0.3215	0.0214	0.0112	12	-0.07	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0049	0.3250	0.0300	0.3215	0.0214	0.0112	12	0.16	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0171	0.3250	0.0100	0.3215	0.0214	0.0112	12	0.16	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0148	0.3300	0.0120	0.3215	0.0214	0.0112	12	0.40	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0413	0.3400	0.0200	0.3215	0.0214	0.0112	12	0.87	3%	0
027.41	Magnesium, ICP, Dry ash (%)	0226	0.3400	0.0000	0.3215	0.0214	0.0112	12	0.87	3%	0
027.41	Magnesium, ICP, Dry ash (%)	0598	0.3565	0.0013	0.3215	0.0214	0.0112	12	1.63	5%	0
027.42	Magnesium, ICP, Open vessel (%)	0504	0.2935	0.0050	0.3217	0.0179	0.0083	17	-1.58	4%	0
027.42	Magnesium, ICP, Open vessel (%)	0692	0.2950	0.0100	0.3217	0.0179	0.0083	17	-1.49	4%	0
027.42	Magnesium, ICP, Open vessel (%)	0685	0.3050	0.0100	0.3217	0.0179	0.0083	17	-0.93	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	
027.42	Magnesium, ICP, Open vessel (%)	0613	0.3100	0.0200	0.3217	0.0179	0.0083	17	-0.65	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0045	0.3135	0.0130	0.3217	0.0179	0.0083	17	-0.46	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0202	0.3145	0.0070	0.3217	0.0179	0.0083	17	-0.40	1%	0
027.42	Magnesium, ICP, Open vessel (%)	2129	0.3150	0.0100	0.3217	0.0179	0.0083	17	-0.38	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0870	0.3170	0.0090	0.3217	0.0179	0.0083	17	-0.26	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0263	0.3185	0.0010	0.3217	0.0179	0.0083	17	-0.18	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0190	0.3200	0.0000	0.3217	0.0179	0.0083	17	-0.10	0%	0
027.42	Magnesium, ICP, Open vessel (%)	0186	0.3315	0.0011	0.3217	0.0179	0.0083	17	0.54	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0278	0.3350	0.0100	0.3217	0.0179	0.0083	17	0.74	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0693	0.3380	0.0300	0.3217	0.0179	0.0083	17	0.91	3%	0
027.42	Magnesium, ICP, Open vessel (%)	0357	0.3391	0.0002	0.3217	0.0179	0.0083	17	0.97	3%	0
027.42	Magnesium, ICP, Open vessel (%)	0726	0.3400	0.0000	0.3217	0.0179	0.0083	17	1.02	3%	0
027.42	Magnesium, ICP, Open vessel (%)	2319	0.3400	0.0000	0.3217	0.0179	0.0083	17	1.02	3%	0
027.42	Magnesium, ICP, Open vessel (%)	2433	0.3425	0.0034	0.3217	0.0179	0.0083	17	1.16	3%	0
027.43	Magnesium, ICP, Microwave (%)	0723	0.2785	0.0013	0.3254	0.0203	0.0056	22	-2.31	7%	0
027.43	Magnesium, ICP, Microwave (%)	2326	0.2800	0.0000	0.3254	0.0203	0.0056	22	-2.24	7%	0
027.43	Magnesium, ICP, Microwave (%)	0510	0.3000	0.0000	0.3254	0.0203	0.0056	22	-1.25	4%	0
027.43	Magnesium, ICP, Microwave (%)	0083	0.3040	0.0040	0.3254	0.0203	0.0056	22	-1.05	3%	0
027.43	Magnesium, ICP, Microwave (%)	0875	0.3075	0.0030	0.3254	0.0203	0.0056	22	-0.88	3%	0
027.43	Magnesium, ICP, Microwave (%)	0345	0.3115	0.0050	0.3254	0.0203	0.0056	22	-0.68	2%	0
027.43	Magnesium, ICP, Microwave (%)	0968	0.3115	0.0032	0.3254	0.0203	0.0056	22	-0.68	2%	0
027.43	Magnesium, ICP, Microwave (%)	0610	0.3200	0.0000	0.3254	0.0203	0.0056	22	-0.26	1%	0
027.43	Magnesium, ICP, Microwave (%)	0033	0.3240	0.0000	0.3254	0.0203	0.0056	22	-0.07	0%	0
027.43	Magnesium, ICP, Microwave (%)	0675	0.3250	0.0100	0.3254	0.0203	0.0056	22	-0.02	0%	0
027.43	Magnesium, ICP, Microwave (%)	0354	0.3280	0.0000	0.3254	0.0203	0.0056	22	0.13	0%	0
027.43	Magnesium, ICP, Microwave (%)	0870	0.3291	0.0049	0.3254	0.0203	0.0056	22	0.18	1%	0
027.43	Magnesium, ICP, Microwave (%)	0089	0.3300	0.0000	0.3254	0.0203	0.0056	22	0.23	1%	0
027.43	Magnesium, ICP, Microwave (%)	0001	0.3315	0.0090	0.3254	0.0203	0.0056	22	0.30	1%	0
027.43	Magnesium, ICP, Microwave (%)	0505	0.3315	0.0010	0.3254	0.0203	0.0056	22	0.30	1%	0
027.43	Magnesium, ICP, Microwave (%)	0407	0.3372	0.0048	0.3254	0.0203	0.0056	22	0.58	2%	0
027.43	Magnesium, ICP, Microwave (%)	2089	0.3400	0.0000	0.3254	0.0203	0.0056	22	0.72	2%	0
027.43	Magnesium, ICP, Microwave (%)	0918	0.3415	0.0070	0.3254	0.0203	0.0056	22	0.80	2%	0
027.43	Magnesium, ICP, Microwave (%)	0035	0.3450	0.0100	0.3254	0.0203	0.0056	22	0.97	3%	0
027.43	Magnesium, ICP, Microwave (%)	0226	0.3450	0.0100	0.3254	0.0203	0.0056	22	0.97	3%	0
027.43	Magnesium, ICP, Microwave (%)	0353	0.3500	0.0000	0.3254	0.0203	0.0056	22	1.21	4%	0
027.43	Magnesium, ICP, Microwave (%)	0682	0.3700	0.0000	0.3254	0.0203	0.0056	22	2.20	7%	0
027.43	Magnesium, ICP, Microwave (%)	0098	0.3200	0.0200	0.3254	0.0203	0.0056	22	-0.26	1%	1
027.44	Magnesium, ICP, Dry ash (%)	2114	0.3311	0.0011				1			0
027.52	Magnesium, ICP-MS, Open vessel (%)	0186	0.3230	0.0081				1			0
027.53	Magnesium, ICP-MS, Microwave (%)	0939	0.3150	0.0100				2			0
027.53	Magnesium, ICP-MS, Microwave (%)	0407	0.3379	0.0006				2			0
027.99	Magnesium, Miscellaneous (%)	0889	0.2400	0.0000				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			
027.99	Magnesium, Miscellaneous (%)	0100	0.3300	0.0000				3			0
027.99	Magnesium, Miscellaneous (%)	0242	0.3300	0.0000				3			0
028.00	Manganese, Color (ppm)	2392	156.0	6.000				1			0
028.31	Manganese, AAS, Dry ash (ppm)	0536	141.7	5.050	154.0	9.282	4.670	10	-1.33	4%	0
028.31	Manganese, AAS, Dry ash (ppm)	2188	147.0	1.130	154.0	9.282	4.670	10	-0.76	2%	0
028.31	Manganese, AAS, Dry ash (ppm)	0689	147.4	6.300	154.0	9.282	4.670	10	-0.72	2%	0
028.31	Manganese, AAS, Dry ash (ppm)	0651	149.9	5.509	154.0	9.282	4.670	10	-0.45	1%	0
028.31	Manganese, AAS, Dry ash (ppm)	0939	151.8	9.560	154.0	9.282	4.670	10	-0.24	1%	0
028.31	Manganese, AAS, Dry ash (ppm)	2196	155.3	0.0000	154.0	9.282	4.670	10	0.13	0%	0
028.31	Manganese, AAS, Dry ash (ppm)	0001	156.8	6.400	154.0	9.282	4.670	10	0.30	1%	0
028.31	Manganese, AAS, Dry ash (ppm)	0656	157.3	0.0000	154.0	9.282	4.670	10	0.35	1%	0
028.31	Manganese, AAS, Dry ash (ppm)	2195	165.5	1.710	154.0	9.282	4.670	10	1.24	4%	0
028.31	Manganese, AAS, Dry ash (ppm)	0529	167.6	1.700	154.0	9.282	4.670	10	1.46	4%	0
028.32	Manganese, AAS, Open vessel (ppm)	0038	169.5	1.000				1			0
028.33	Manganese, AAS, Microwave (ppm)	0948	165.4	3.730				2			0
028.33	Manganese, AAS, Microwave (ppm)	2022	167.0	0.2300				2			0
028.34	Manganese, AAS, Dry ash (ppm)	2246	147.2	1.040				1			0
028.41	Manganese, ICP, Dry ash (ppm)	2482	128.5	2.300	153.6	9.340	2.974	14	-2.69	8%	0
028.41	Manganese, ICP, Dry ash (ppm)	0358	136.4	0.9700	153.6	9.340	2.974	14	-1.84	6%	0
028.41	Manganese, ICP, Dry ash (ppm)	0098	146.5	1.600	153.6	9.340	2.974	14	-0.76	2%	0
028.41	Manganese, ICP, Dry ash (ppm)	0407	147.6	2.254	153.6	9.340	2.974	14	-0.64	2%	0
028.41	Manganese, ICP, Dry ash (ppm)	0520	150.4	1.172	153.6	9.340	2.974	14	-0.34	1%	0
028.41	Manganese, ICP, Dry ash (ppm)	0171	151.5	1.000	153.6	9.340	2.974	14	-0.22	1%	0
028.41	Manganese, ICP, Dry ash (ppm)	0598	152.9	1.006	153.6	9.340	2.974	14	-0.07	0%	0
028.41	Manganese, ICP, Dry ash (ppm)	0226	154.1	2.290	153.6	9.340	2.974	14	0.06	0%	0
028.41	Manganese, ICP, Dry ash (ppm)	0619	158.5	5.000	153.6	9.340	2.974	14	0.53	2%	0
028.41	Manganese, ICP, Dry ash (ppm)	0049	158.7	6.190	153.6	9.340	2.974	14	0.55	2%	0
028.41	Manganese, ICP, Dry ash (ppm)	0019	160.9	11.35	153.6	9.340	2.974	14	0.78	2%	0
028.41	Manganese, ICP, Dry ash (ppm)	0004	162.0	12.05	153.6	9.340	2.974	14	0.90	3%	0
028.41	Manganese, ICP, Dry ash (ppm)	0148	163.7	0.3088	153.6	9.340	2.974	14	1.09	3%	0
028.41	Manganese, ICP, Dry ash (ppm)	0674	164.1	0.0000	153.6	9.340	2.974	14	1.13	3%	0
028.42	Manganese, ICP, Open vessel (ppm)	0504	125.5	1.000	154.1	8.556	2.903	18	-3.34	9%	0
028.42	Manganese, ICP, Open vessel (ppm)	0870	136.1	2.700	154.1	8.556	2.903	18	-2.11	6%	0
028.42	Manganese, ICP, Open vessel (ppm)	0685	143.4	1.000	154.1	8.556	2.903	18	-1.25	3%	0
028.42	Manganese, ICP, Open vessel (ppm)	0263	145.5	0.2700	154.1	8.556	2.903	18	-1.00	3%	0
028.42	Manganese, ICP, Open vessel (ppm)	0045	148.5	3.000	154.1	8.556	2.903	18	-0.65	2%	0
028.42	Manganese, ICP, Open vessel (ppm)	0009	151.0	20.00	154.1	8.556	2.903	18	-0.36	1%	0
028.42	Manganese, ICP, Open vessel (ppm)	2129	153.8	0.8000	154.1	8.556	2.903	18	-0.03	0%	0
028.42	Manganese, ICP, Open vessel (ppm)	0190	154.4	0.3000	154.1	8.556	2.903	18	0.03	0%	0
028.42	Manganese, ICP, Open vessel (ppm)	0413	154.4	5.760	154.1	8.556	2.903	18	0.04	0%	0
028.42	Manganese, ICP, Open vessel (ppm)	2319	156.0	6.000	154.1	8.556	2.903	18	0.22	1%	0
028.42	Manganese, ICP, Open vessel (ppm)	2433	157.1	0.2642	154.1	8.556	2.903	18	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	
028.42	Manganese, ICP, Open vessel (ppm)	0693	157.5	0.2580	154.1	8.556	2.903	18	0.40	1%	0
028.42	Manganese, ICP, Open vessel (ppm)	0692	158.0	6.000	154.1	8.556	2.903	18	0.46	1%	0
028.42	Manganese, ICP, Open vessel (ppm)	0357	158.5	0.3010	154.1	8.556	2.903	18	0.52	1%	0
028.42	Manganese, ICP, Open vessel (ppm)	0186	161.3	6.600	154.1	8.556	2.903	18	0.85	2%	0
028.42	Manganese, ICP, Open vessel (ppm)	0278	162.0	2.000	154.1	8.556	2.903	18	0.93	3%	0
028.42	Manganese, ICP, Open vessel (ppm)	0202	162.5	9.000	154.1	8.556	2.903	18	0.98	3%	0
028.42	Manganese, ICP, Open vessel (ppm)	0726	169.9	0.3000	154.1	8.556	2.903	18	1.84	5%	0
028.42	Manganese, ICP, Open vessel (ppm)	0613	153.7	23.50	154.1	8.556	2.903	18	-0.05	0%	1
028.43	Manganese, ICP, Microwave (ppm)	0511	135.0	0.0000	149.9	7.695	4.002	28	-1.93	5%	0
028.43	Manganese, ICP, Microwave (ppm)	0723	137.3	0.4000	149.9	7.695	4.002	28	-1.64	4%	0
028.43	Manganese, ICP, Microwave (ppm)	2326	139.0	6.000	149.9	7.695	4.002	28	-1.41	4%	0
028.43	Manganese, ICP, Microwave (ppm)	0169	141.0	0.0000	149.9	7.695	4.002	28	-1.15	3%	0
028.43	Manganese, ICP, Microwave (ppm)	0968	141.2	0.2060	149.9	7.695	4.002	28	-1.13	3%	0
028.43	Manganese, ICP, Microwave (ppm)	0870	141.8	2.900	149.9	7.695	4.002	28	-1.06	3%	0
028.43	Manganese, ICP, Microwave (ppm)	0017	145.6	6.333	149.9	7.695	4.002	28	-0.56	1%	0
028.43	Manganese, ICP, Microwave (ppm)	0010	146.5	1.800	149.9	7.695	4.002	28	-0.44	1%	0
028.43	Manganese, ICP, Microwave (ppm)	0345	147.0	3.600	149.9	7.695	4.002	28	-0.37	1%	0
028.43	Manganese, ICP, Microwave (ppm)	0033	148.0	4.000	149.9	7.695	4.002	28	-0.24	1%	0
028.43	Manganese, ICP, Microwave (ppm)	0505	148.4	1.500	149.9	7.695	4.002	28	-0.20	1%	0
028.43	Manganese, ICP, Microwave (ppm)	0510	149.0	0.0000	149.9	7.695	4.002	28	-0.11	0%	0
028.43	Manganese, ICP, Microwave (ppm)	0354	149.8	7.580	149.9	7.695	4.002	28	-0.01	0%	0
028.43	Manganese, ICP, Microwave (ppm)	0353	149.8	1.740	149.9	7.695	4.002	28	-0.01	0%	0
028.43	Manganese, ICP, Microwave (ppm)	0682	149.9	0.0000	149.9	7.695	4.002	28	0.00	0%	0
028.43	Manganese, ICP, Microwave (ppm)	0610	150.8	8.500	149.9	7.695	4.002	28	0.11	0%	0
028.43	Manganese, ICP, Microwave (ppm)	0083	151.3	0.4800	149.9	7.695	4.002	28	0.18	0%	0
028.43	Manganese, ICP, Microwave (ppm)	0098	152.1	0.2000	149.9	7.695	4.002	28	0.29	1%	0
028.43	Manganese, ICP, Microwave (ppm)	2089	152.7	9.880	149.9	7.695	4.002	28	0.37	1%	0
028.43	Manganese, ICP, Microwave (ppm)	0918	153.1	15.19	149.9	7.695	4.002	28	0.41	1%	0
028.43	Manganese, ICP, Microwave (ppm)	0675	154.9	0.3500	149.9	7.695	4.002	28	0.65	2%	0
028.43	Manganese, ICP, Microwave (ppm)	0407	155.5	5.681	149.9	7.695	4.002	28	0.72	2%	0
028.43	Manganese, ICP, Microwave (ppm)	0035	155.5	5.000	149.9	7.695	4.002	28	0.73	2%	0
028.43	Manganese, ICP, Microwave (ppm)	0001	156.5	1.000	149.9	7.695	4.002	28	0.86	2%	0
028.43	Manganese, ICP, Microwave (ppm)	0875	158.2	8.074	149.9	7.695	4.002	28	1.08	3%	0
028.43	Manganese, ICP, Microwave (ppm)	2115	159.9	2.540	149.9	7.695	4.002	28	1.30	3%	0
028.43	Manganese, ICP, Microwave (ppm)	0027	164.6	7.844	149.9	7.695	4.002	28	1.91	5%	0
028.43	Manganese, ICP, Microwave (ppm)	0226	164.6	1.280	149.9	7.695	4.002	28	1.92	5%	0
028.43	Manganese, ICP, Microwave (ppm)	2476	136.2	34.60	149.9	7.695	4.002	28	-1.78	5%	1
028.43	Manganese, ICP, Microwave (ppm)	0038	174.0	40.00	149.9	7.695	4.002	28	3.13	8%	1
028.44	Manganese, ICP, Dry ash (ppm)	0066	117.5	3.870				2			0
028.44	Manganese, ICP, Dry ash (ppm)	2114	165.0	1.860				2			0
028.52	Manganese, ICP-MS, Open vessel (ppm)	0047	150.1	2.580				2			0
028.52	Manganese, ICP-MS, Open vessel (ppm)	0186	162.0	2.200				2			0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs			
028.53	Manganese, ICP-MS, Microwave (ppm)	0016	150.0	0.0000				3			0
028.53	Manganese, ICP-MS, Microwave (ppm)	0407	169.3	3.532				3			0
028.53	Manganese, ICP-MS, Microwave (ppm)	2192	173.5	1.000				3			0
028.53	Manganese, ICP-MS, Microwave (ppm)	0939	151.5	13.00				3			1
028.99	Manganese, Miscellaneous (ppm)	0100	154.0	2.000				3			0
028.99	Manganese, Miscellaneous (ppm)	0242	154.0	2.000				3			0
028.99	Manganese, Miscellaneous (ppm)	0590	166.0	2.000				3			0
030.01	Nitrate, Ion-selective electrode (%)	0357	0.0002	0.0004				0			4
031.01	Phosphorus, Photometric (%)	0018	0.5435	0.0230	0.7143	0.0362	0.0117	28	-4.72	12%	0
031.01	Phosphorus, Photometric (%)	2200	0.6450	0.0100	0.7143	0.0362	0.0117	28	-1.92	5%	0
031.01	Phosphorus, Photometric (%)	0689	0.6600	0.0200	0.7143	0.0362	0.0117	28	-1.50	4%	0
031.01	Phosphorus, Photometric (%)	0885	0.6653	0.0064	0.7143	0.0362	0.0117	28	-1.36	3%	0
031.01	Phosphorus, Photometric (%)	0622	0.6821	0.0098	0.7143	0.0362	0.0117	28	-0.89	2%	0
031.01	Phosphorus, Photometric (%)	0038	0.6825	0.0050	0.7143	0.0362	0.0117	28	-0.88	2%	0
031.01	Phosphorus, Photometric (%)	2195	0.6850	0.0100	0.7143	0.0362	0.0117	28	-0.81	2%	0
031.01	Phosphorus, Photometric (%)	2199	0.6950	0.0100	0.7143	0.0362	0.0117	28	-0.53	1%	0
031.01	Phosphorus, Photometric (%)	2006	0.6970	0.0380	0.7143	0.0362	0.0117	28	-0.48	1%	0
031.01	Phosphorus, Photometric (%)	2392	0.7050	0.0300	0.7143	0.0362	0.0117	28	-0.26	1%	0
031.01	Phosphorus, Photometric (%)	2246	0.7100	0.0000	0.7143	0.0362	0.0117	28	-0.12	0%	0
031.01	Phosphorus, Photometric (%)	0016	0.7145	0.0030	0.7143	0.0362	0.0117	28	0.00	0%	0
031.01	Phosphorus, Photometric (%)	0687	0.7150	0.0100	0.7143	0.0362	0.0117	28	0.02	0%	0
031.01	Phosphorus, Photometric (%)	0651	0.7197	0.0012	0.7143	0.0362	0.0117	28	0.15	0%	0
031.01	Phosphorus, Photometric (%)	2022	0.7200	0.0000	0.7143	0.0362	0.0117	28	0.16	0%	0
031.01	Phosphorus, Photometric (%)	2337	0.7200	0.0000	0.7143	0.0362	0.0117	28	0.16	0%	0
031.01	Phosphorus, Photometric (%)	0939	0.7250	0.0100	0.7143	0.0362	0.0117	28	0.29	1%	0
031.01	Phosphorus, Photometric (%)	2188	0.7250	0.0100	0.7143	0.0362	0.0117	28	0.29	1%	0
031.01	Phosphorus, Photometric (%)	2325	0.7250	0.0100	0.7143	0.0362	0.0117	28	0.29	1%	0
031.01	Phosphorus, Photometric (%)	2196	0.7260	0.0000	0.7143	0.0362	0.0117	28	0.32	1%	0
031.01	Phosphorus, Photometric (%)	2434	0.7300	0.0000	0.7143	0.0362	0.0117	28	0.43	1%	0
031.01	Phosphorus, Photometric (%)	0723	0.7450	0.0100	0.7143	0.0362	0.0117	28	0.85	2%	0
031.01	Phosphorus, Photometric (%)	0948	0.7450	0.0100	0.7143	0.0362	0.0117	28	0.85	2%	0
031.01	Phosphorus, Photometric (%)	2190	0.7457	0.0200	0.7143	0.0362	0.0117	28	0.87	2%	0
031.01	Phosphorus, Photometric (%)	2192	0.7500	0.0000	0.7143	0.0362	0.0117	28	0.99	2%	0
031.01	Phosphorus, Photometric (%)	0656	0.7600	0.0000	0.7143	0.0362	0.0117	28	1.26	3%	0
031.01	Phosphorus, Photometric (%)	0646	0.7650	0.0100	0.7143	0.0362	0.0117	28	1.40	4%	0
031.01	Phosphorus, Photometric (%)	0529	0.7700	0.0000	0.7143	0.0362	0.0117	28	1.54	4%	0
031.01	Phosphorus, Photometric (%)	0108	0.6550	0.0900	0.7143	0.0362	0.0117	28	-1.64	4%	1
031.02	Phosphorus, GQMP (AOAC 935.13-Extraction)	0043	0.6640	0.1280				1			0
031.03	Phosphorus, Autoanalyzer (%)	0169	0.7250	0.0100				2			0
031.03	Phosphorus, Autoanalyzer (%)	0001	0.7305	0.0030				2			0
031.06	Phosphorus, Hach Method (%)	0536	0.7050	0.0300				1			0
031.41	Phosphorus, ICP, Dry ash (%)	0520	0.6768	0.0050	0.7274	0.0328	0.0185	19	-1.54	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	
031.41	Phosphorus, ICP, Dry ash (%)	0685	0.6800	0.0200	0.7274	0.0328	0.0185	19	-1.45	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0358	0.6800	0.0000	0.7274	0.0328	0.0185	19	-1.45	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	2259	0.7090	0.0020	0.7274	0.0328	0.0185	19	-0.56	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0049	0.7100	0.0400	0.7274	0.0328	0.0185	19	-0.53	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0298	0.7100	0.0200	0.7274	0.0328	0.0185	19	-0.53	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0019	0.7125	0.0550	0.7274	0.0328	0.0185	19	-0.45	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0144	0.7200	0.0200	0.7274	0.0328	0.0185	19	-0.22	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	2482	0.7285	0.0010	0.7274	0.0328	0.0185	19	0.03	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0098	0.7300	0.0068	0.7274	0.0328	0.0185	19	0.08	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0619	0.7310	0.0200	0.7274	0.0328	0.0185	19	0.11	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0171	0.7350	0.0100	0.7274	0.0328	0.0185	19	0.23	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0674	0.7400	0.0000	0.7274	0.0328	0.0185	19	0.39	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0407	0.7407	0.0118	0.7274	0.0328	0.0185	19	0.41	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0004	0.7550	0.0500	0.7274	0.0328	0.0185	19	0.84	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0148	0.7590	0.0220	0.7274	0.0328	0.0185	19	0.97	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0413	0.7650	0.0300	0.7274	0.0328	0.0185	19	1.15	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0598	0.7659	0.0020	0.7274	0.0328	0.0185	19	1.18	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0226	0.7700	0.0200	0.7274	0.0328	0.0185	19	1.30	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	0504	0.6750	0.0080	0.7424	0.0413	0.0204	18	-1.63	5%	0
031.42	Phosphorus, ICP, Open vessel (%)	0045	0.6830	0.0560	0.7424	0.0413	0.0204	18	-1.44	4%	0
031.42	Phosphorus, ICP, Open vessel (%)	0186	0.7067	0.0005	0.7424	0.0413	0.0204	18	-0.86	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0870	0.7076	0.0200	0.7424	0.0413	0.0204	18	-0.84	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	2433	0.7081	0.0019	0.7424	0.0413	0.0204	18	-0.83	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0613	0.7250	0.0300	0.7424	0.0413	0.0204	18	-0.42	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	2319	0.7360	0.0140	0.7424	0.0413	0.0204	18	-0.15	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0190	0.7400	0.0000	0.7424	0.0413	0.0204	18	-0.06	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	2129	0.7450	0.0100	0.7424	0.0413	0.0204	18	0.06	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0014	0.7460	0.0180	0.7424	0.0413	0.0204	18	0.09	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0693	0.7510	0.0800	0.7424	0.0413	0.0204	18	0.21	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0202	0.7535	0.0070	0.7424	0.0413	0.0204	18	0.27	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0692	0.7550	0.0300	0.7424	0.0413	0.0204	18	0.30	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0278	0.7600	0.0000	0.7424	0.0413	0.0204	18	0.43	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0263	0.7685	0.0030	0.7424	0.0413	0.0204	18	0.63	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0357	0.7887	0.0022	0.7424	0.0413	0.0204	18	1.12	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	0726	0.8300	0.0000	0.7424	0.0413	0.0204	18	2.12	6%	0
031.42	Phosphorus, ICP, Open vessel (%)	0047	0.8550	0.0900	0.7424	0.0413	0.0204	18	2.72	8%	0
031.42	Phosphorus, ICP, Open vessel (%)	0009	0.7724	0.1309	0.7424	0.0413	0.0204	18	0.72	2%	1
031.43	Phosphorus, ICP, Microwave (%)	2326	0.5600	0.0000	0.7328	0.0318	0.0159	31	-5.43	12%	0
031.43	Phosphorus, ICP, Microwave (%)	0300	0.6750	0.0100	0.7328	0.0318	0.0159	31	-1.82	4%	0
031.43	Phosphorus, ICP, Microwave (%)	0017	0.6791	0.0327	0.7328	0.0318	0.0159	31	-1.69	4%	0
031.43	Phosphorus, ICP, Microwave (%)	0083	0.6950	0.0220	0.7328	0.0318	0.0159	31	-1.19	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0089	0.7000	0.0000	0.7328	0.0318	0.0159	31	-1.03	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	
031.43	Phosphorus, ICP, Microwave (%)	0010	0.7050	0.0100	0.7328	0.0318	0.0159	31	-0.87	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0511	0.7050	0.0300	0.7328	0.0318	0.0159	31	-0.87	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0610	0.7050	0.0100	0.7328	0.0318	0.0159	31	-0.87	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0682	0.7200	0.0000	0.7328	0.0318	0.0159	31	-0.40	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0968	0.7213	0.0014	0.7328	0.0318	0.0159	31	-0.36	1%	0
031.43	Phosphorus, ICP, Microwave (%)	2089	0.7250	0.0100	0.7328	0.0318	0.0159	31	-0.25	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0345	0.7290	0.0180	0.7328	0.0318	0.0159	31	-0.12	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0226	0.7300	0.0200	0.7328	0.0318	0.0159	31	-0.09	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0510	0.7300	0.0200	0.7328	0.0318	0.0159	31	-0.09	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0027	0.7335	0.0210	0.7328	0.0318	0.0159	31	0.02	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0870	0.7337	0.0125	0.7328	0.0318	0.0159	31	0.03	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0035	0.7350	0.0100	0.7328	0.0318	0.0159	31	0.07	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0675	0.7350	0.0100	0.7328	0.0318	0.0159	31	0.07	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0875	0.7370	0.0260	0.7328	0.0318	0.0159	31	0.13	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0033	0.7385	0.0130	0.7328	0.0318	0.0159	31	0.18	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0098	0.7444	0.0017	0.7328	0.0318	0.0159	31	0.36	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0918	0.7460	0.0060	0.7328	0.0318	0.0159	31	0.42	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0001	0.7490	0.0220	0.7328	0.0318	0.0159	31	0.51	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0407	0.7499	0.0085	0.7328	0.0318	0.0159	31	0.54	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0354	0.7535	0.0030	0.7328	0.0318	0.0159	31	0.65	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0036	0.7603	0.0269	0.7328	0.0318	0.0159	31	0.86	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0353	0.7700	0.0200	0.7328	0.0318	0.0159	31	1.17	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0505	0.7735	0.0010	0.7328	0.0318	0.0159	31	1.28	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0038	0.7760	0.0480	0.7328	0.0318	0.0159	31	1.36	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0011	0.7900	0.0000	0.7328	0.0318	0.0159	31	1.80	4%	0
031.43	Phosphorus, ICP, Microwave (%)	0848	0.8050	0.0300	0.7328	0.0318	0.0159	31	2.27	5%	0
031.43	Phosphorus, ICP, Microwave (%)	2476	0.6235	0.1470	0.7328	0.0318	0.0159	31	-3.44	7%	1
031.43	Phosphorus, ICP, Microwave (%)	2115	1.235	0.0100	0.7328	0.0318	0.0159	31	15.79	34%	2
031.44	Phosphorus, ICP, Dry ash (%)	0066	0.7115	0.0430				2			0
031.44	Phosphorus, ICP, Dry ash (%)	2114	0.7283	0.0066				2			0
031.52	Phosphorus, ICP-MS, Open vessel (%)	0186	0.6866	0.0134				1			0
031.53	Phosphorus, ICP-MS, Microwave (%)	0939	0.7300	0.0200				2			0
031.53	Phosphorus, ICP-MS, Microwave (%)	0407	0.7608	0.0012				2			0
031.99	Phosphorus, Miscellaneous (%)	0889	0.6650	0.0000	0.6888	0.0250	0.0200	4			0
031.99	Phosphorus, Miscellaneous (%)	0676	0.6700	0.0400	0.6888	0.0250	0.0200	4			0
031.99	Phosphorus, Miscellaneous (%)	0100	0.7050	0.0100	0.6888	0.0250	0.0200	4			0
031.99	Phosphorus, Miscellaneous (%)	0242	0.7150	0.0100	0.6888	0.0250	0.0200	4			0
032.02	Potassium, Flame Emission (%)	2392	0.9075	0.0050				1			0
032.31	Potassium, AAS, Dry ash (%)	2196	0.9300	0.0000				2			0
032.31	Potassium, AAS, Dry ash (%)	0948	0.9350	0.0000				2			0
032.31	Potassium, AAS, Dry ash (%)	0939	0.9150	0.0100				2			1
032.31	Potassium, AAS, Dry ash (%)	0536	0.7530	0.0020				2			2

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs			
032.32	Potassium, AAS, Open vessel (%)	2246	0.0198	0.0001				1			0
032.32	Potassium, AAS, Open vessel (%)	0169	0.0000	0.0000				1			4
032.41	Potassium, ICP, Dry ash (%)	0004	0.8350	0.0700	0.9219	0.0485	0.0200	12	-1.79	5%	0
032.41	Potassium, ICP, Dry ash (%)	0358	0.8700	0.0200	0.9219	0.0485	0.0200	12	-1.07	3%	0
032.41	Potassium, ICP, Dry ash (%)	0049	0.8800	0.0400	0.9219	0.0485	0.0200	12	-0.86	2%	0
032.41	Potassium, ICP, Dry ash (%)	0520	0.8931	0.0015	0.9219	0.0485	0.0200	12	-0.60	2%	0
032.41	Potassium, ICP, Dry ash (%)	0144	0.9100	0.0200	0.9219	0.0485	0.0200	12	-0.25	1%	0
032.41	Potassium, ICP, Dry ash (%)	0171	0.9250	0.0100	0.9219	0.0485	0.0200	12	0.06	0%	0
032.41	Potassium, ICP, Dry ash (%)	0407	0.9386	0.0034	0.9219	0.0485	0.0200	12	0.34	1%	0
032.41	Potassium, ICP, Dry ash (%)	0598	0.9408	0.0138	0.9219	0.0485	0.0200	12	0.39	1%	0
032.41	Potassium, ICP, Dry ash (%)	0098	0.9450	0.0100	0.9219	0.0485	0.0200	12	0.48	1%	0
032.41	Potassium, ICP, Dry ash (%)	0148	0.9470	0.0380	0.9219	0.0485	0.0200	12	0.52	1%	0
032.41	Potassium, ICP, Dry ash (%)	0413	0.9700	0.0200	0.9219	0.0485	0.0200	12	0.99	3%	0
032.41	Potassium, ICP, Dry ash (%)	0226	1.030	0.0200	0.9219	0.0485	0.0200	12	2.23	6%	0
032.42	Potassium, ICP, Open vessel (%)	0504	0.8050	0.0160	0.9302	0.0785	0.0231	15	-1.60	7%	0
032.42	Potassium, ICP, Open vessel (%)	2129	0.8450	0.0100	0.9302	0.0785	0.0231	15	-1.09	5%	0
032.42	Potassium, ICP, Open vessel (%)	0045	0.8565	0.0210	0.9302	0.0785	0.0231	15	-0.94	4%	0
032.42	Potassium, ICP, Open vessel (%)	0613	0.8600	0.0600	0.9302	0.0785	0.0231	15	-0.89	4%	0
032.42	Potassium, ICP, Open vessel (%)	0278	0.8850	0.0500	0.9302	0.0785	0.0231	15	-0.58	2%	0
032.42	Potassium, ICP, Open vessel (%)	0870	0.9045	0.0135	0.9302	0.0785	0.0231	15	-0.33	1%	0
032.42	Potassium, ICP, Open vessel (%)	2433	0.9241	0.0188	0.9302	0.0785	0.0231	15	-0.08	0%	0
032.42	Potassium, ICP, Open vessel (%)	0202	0.9450	0.0000	0.9302	0.0785	0.0231	15	0.19	1%	0
032.42	Potassium, ICP, Open vessel (%)	0263	0.9465	0.0030	0.9302	0.0785	0.0231	15	0.21	1%	0
032.42	Potassium, ICP, Open vessel (%)	0186	0.9467	0.0137	0.9302	0.0785	0.0231	15	0.21	1%	0
032.42	Potassium, ICP, Open vessel (%)	0357	0.9706	0.0054	0.9302	0.0785	0.0231	15	0.52	2%	0
032.42	Potassium, ICP, Open vessel (%)	0693	0.9885	0.0770	0.9302	0.0785	0.0231	15	0.74	3%	0
032.42	Potassium, ICP, Open vessel (%)	0190	0.9950	0.0100	0.9302	0.0785	0.0231	15	0.83	3%	0
032.42	Potassium, ICP, Open vessel (%)	0692	1.025	0.0300	0.9302	0.0785	0.0231	15	1.21	5%	0
032.42	Potassium, ICP, Open vessel (%)	0726	1.060	0.0000	0.9302	0.0785	0.0231	15	1.65	7%	0
032.43	Potassium, ICP, Microwave (%)	2326	0.8050	0.0100	0.9275	0.0219	0.0134	21	-5.59	7%	0
032.43	Potassium, ICP, Microwave (%)	0510	0.8900	0.0200	0.9275	0.0219	0.0134	21	-1.71	2%	0
032.43	Potassium, ICP, Microwave (%)	0083	0.9040	0.0100	0.9275	0.0219	0.0134	21	-1.07	1%	0
032.43	Potassium, ICP, Microwave (%)	0610	0.9050	0.0300	0.9275	0.0219	0.0134	21	-1.03	1%	0
032.43	Potassium, ICP, Microwave (%)	0035	0.9100	0.0200	0.9275	0.0219	0.0134	21	-0.80	1%	0
032.43	Potassium, ICP, Microwave (%)	2089	0.9150	0.0100	0.9275	0.0219	0.0134	21	-0.57	1%	0
032.43	Potassium, ICP, Microwave (%)	0345	0.9180	0.0020	0.9275	0.0219	0.0134	21	-0.43	1%	0
032.43	Potassium, ICP, Microwave (%)	0226	0.9200	0.0200	0.9275	0.0219	0.0134	21	-0.34	0%	0
032.43	Potassium, ICP, Microwave (%)	0033	0.9250	0.0060	0.9275	0.0219	0.0134	21	-0.11	0%	0
032.43	Potassium, ICP, Microwave (%)	0098	0.9250	0.0100	0.9275	0.0219	0.0134	21	-0.11	0%	0
032.43	Potassium, ICP, Microwave (%)	0354	0.9255	0.0010	0.9275	0.0219	0.0134	21	-0.09	0%	0
032.43	Potassium, ICP, Microwave (%)	0870	0.9313	0.0063	0.9275	0.0219	0.0134	21	0.17	0%	0
032.43	Potassium, ICP, Microwave (%)	0001	0.9360	0.0060	0.9275	0.0219	0.0134	21	0.39	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	
032.43	Potassium, ICP, Microwave (%)	0918	0.9365	0.0150	0.9275	0.0219	0.0134	21	0.41	0%	0
032.43	Potassium, ICP, Microwave (%)	0089	0.9400	0.0000	0.9275	0.0219	0.0134	21	0.57	1%	0
032.43	Potassium, ICP, Microwave (%)	0675	0.9400	0.0200	0.9275	0.0219	0.0134	21	0.57	1%	0
032.43	Potassium, ICP, Microwave (%)	0968	0.9423	0.0204	0.9275	0.0219	0.0134	21	0.68	1%	0
032.43	Potassium, ICP, Microwave (%)	0036	0.9437	0.0427	0.9275	0.0219	0.0134	21	0.74	1%	0
032.43	Potassium, ICP, Microwave (%)	0353	0.9500	0.0000	0.9275	0.0219	0.0134	21	1.03	1%	0
032.43	Potassium, ICP, Microwave (%)	2115	0.9750	0.0100	0.9275	0.0219	0.0134	21	2.17	3%	0
032.43	Potassium, ICP, Microwave (%)	0682	0.9800	0.0000	0.9275	0.0219	0.0134	21	2.40	3%	0
032.43	Potassium, ICP, Microwave (%)	0407	0.9561	0.0734	0.9275	0.0219	0.0134	21	1.31	2%	1
032.44	Potassium, ICP, Dry ash (%)	2114	0.9572	0.0203				1			0
032.52	Potassium, ICP-MS, Open vessel (%)	0186	0.8807	0.0139				2			0
032.52	Potassium, ICP-MS, Open vessel (%)	2319	0.9300	0.0000				2			0
032.53	Potassium, ICP-MS, Microwave (%)	0939	0.9050	0.0100				2			0
032.53	Potassium, ICP-MS, Microwave (%)	0407	0.9420	0.0019				2			0
032.99	Potassium, Miscellaneous (%)	0889	0.8850	0.0000				3			0
032.99	Potassium, Miscellaneous (%)	0242	0.9150	0.0100				3			0
032.99	Potassium, Miscellaneous (%)	0100	0.9400	0.0200				3			0
033.00	Salt as chloride, Sol Cl (%)	2022	0.4200	0.0000	0.5005	0.0653	0.0168	13	-1.23	8%	0
033.00	Salt as chloride, Sol Cl (%)	0511	0.4250	0.0300	0.5005	0.0653	0.0168	13	-1.15	8%	0
033.00	Salt as chloride, Sol Cl (%)	2196	0.4400	0.0000	0.5005	0.0653	0.0168	13	-0.93	6%	0
033.00	Salt as chloride, Sol Cl (%)	2193	0.4550	0.0100	0.5005	0.0653	0.0168	13	-0.70	5%	0
033.00	Salt as chloride, Sol Cl (%)	2337	0.4750	0.0100	0.5005	0.0653	0.0168	13	-0.39	3%	0
033.00	Salt as chloride, Sol Cl (%)	0539	0.4950	0.0300	0.5005	0.0653	0.0168	13	-0.08	1%	0
033.00	Salt as chloride, Sol Cl (%)	0045	0.5110	0.0000	0.5005	0.0653	0.0168	13	0.16	1%	0
033.00	Salt as chloride, Sol Cl (%)	0675	0.5150	0.0300	0.5005	0.0653	0.0168	13	0.22	1%	0
033.00	Salt as chloride, Sol Cl (%)	0298	0.5200	0.0200	0.5005	0.0653	0.0168	13	0.30	2%	0
033.00	Salt as chloride, Sol Cl (%)	0353	0.5250	0.0100	0.5005	0.0653	0.0168	13	0.38	2%	0
033.00	Salt as chloride, Sol Cl (%)	0693	0.5280	0.0000	0.5005	0.0653	0.0168	13	0.42	3%	0
033.00	Salt as chloride, Sol Cl (%)	0921	0.6785	0.0010	0.5005	0.0653	0.0168	13	2.72	18%	0
033.00	Salt as chloride, Sol Cl (%)	0504	0.7050	0.0100	0.5005	0.0653	0.0168	13	3.13	20%	0
033.00	Salt as chloride, Sol Cl (%)	0169	0.0000	0.0000	0.5005	0.0653	0.0168	13			4
033.01	Salt as chloride, Poten Cl (%)	0619	0.4310	0.0000	0.4878	0.0191	0.0100	22	-2.97	6%	0
033.01	Salt as chloride, Poten Cl (%)	0510	0.4550	0.0100	0.4878	0.0191	0.0100	22	-1.71	3%	0
033.01	Salt as chloride, Poten Cl (%)	0278	0.4600	0.0200	0.4878	0.0191	0.0100	22	-1.45	3%	0
033.01	Salt as chloride, Poten Cl (%)	0413	0.4750	0.0100	0.4878	0.0191	0.0100	22	-0.67	1%	0
033.01	Salt as chloride, Poten Cl (%)	0939	0.4750	0.0100	0.4878	0.0191	0.0100	22	-0.67	1%	0
033.01	Salt as chloride, Poten Cl (%)	2190	0.4785	0.0019	0.4878	0.0191	0.0100	22	-0.49	1%	0
033.01	Salt as chloride, Poten Cl (%)	0100	0.4800	0.0000	0.4878	0.0191	0.0100	22	-0.41	1%	0
033.01	Salt as chloride, Poten Cl (%)	0242	0.4800	0.0000	0.4878	0.0191	0.0100	22	-0.41	1%	0
033.01	Salt as chloride, Poten Cl (%)	0948	0.4800	0.0000	0.4878	0.0191	0.0100	22	-0.41	1%	0
033.01	Salt as chloride, Poten Cl (%)	0001	0.4850	0.0100	0.4878	0.0191	0.0100	22	-0.14	0%	0
033.01	Salt as chloride, Poten Cl (%)	0083	0.4850	0.0100	0.4878	0.0191	0.0100	22	-0.14	0%	0

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			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
033.01	Salt as chloride, Poten Cl (%)	0148	0.4880	0.0000	0.4878	0.0191	0.0100	22	0.01	0%	0
033.01	Salt as chloride, Poten Cl (%)	0354	0.4900	0.0000	0.4878	0.0191	0.0100	22	0.12	0%	0
033.01	Salt as chloride, Poten Cl (%)	2319	0.4900	0.0000	0.4878	0.0191	0.0100	22	0.12	0%	0
033.01	Salt as chloride, Poten Cl (%)	0098	0.4950	0.0100	0.4878	0.0191	0.0100	22	0.38	1%	0
033.01	Salt as chloride, Poten Cl (%)	0590	0.4950	0.0100	0.4878	0.0191	0.0100	22	0.38	1%	0
033.01	Salt as chloride, Poten Cl (%)	0226	0.5000	0.0200	0.4878	0.0191	0.0100	22	0.64	1%	0
033.01	Salt as chloride, Poten Cl (%)	0407	0.5030	0.0080	0.4878	0.0191	0.0100	22	0.80	2%	0
033.01	Salt as chloride, Poten Cl (%)	0004	0.5050	0.0100	0.4878	0.0191	0.0100	22	0.90	2%	0
033.01	Salt as chloride, Poten Cl (%)	0019	0.5150	0.0000	0.4878	0.0191	0.0100	22	1.42	3%	0
033.01	Salt as chloride, Poten Cl (%)	0682	0.5800	0.0000	0.4878	0.0191	0.0100	22	4.82	9%	0
033.01	Salt as chloride, Poten Cl (%)	0186	0.7875	0.0010	0.4878	0.0191	0.0100	22	15.68	31%	0
033.03	Salt as chloride, Quantab (%)	0505	0.3500	0.0200	0.4280	0.0545	0.0200	5			0
033.03	Salt as chloride, Quantab (%)	0144	0.4100	0.0200	0.4280	0.0545	0.0200	5			0
033.03	Salt as chloride, Quantab (%)	0190	0.4400	0.0000	0.4280	0.0545	0.0200	5			0
033.03	Salt as chloride, Quantab (%)	2076	0.4400	0.0000	0.4280	0.0545	0.0200	5			0
033.03	Salt as chloride, Quantab (%)	0726	0.5000	0.0000	0.4280	0.0545	0.0200	5			0
033.05	Salt as chloride, Ion Sel Electrode (%)	0918	0.3600	0.0000				3			0
033.05	Salt as chloride, Ion Sel Electrode (%)	0171	0.3800	0.0000				3			0
033.05	Salt as chloride, Ion Sel Electrode (%)	0689	0.4800	0.0000				3			0
033.99	Salt, Miscellaneous (%)	2476	0.3420	0.0340	0.4126	0.0654	0.0436	7	-1.08	9%	0
033.99	Salt, Miscellaneous (%)	0017	0.3654	0.0187	0.4126	0.0654	0.0436	7	-0.72	6%	0
033.99	Salt, Miscellaneous (%)	0358	0.3700	0.0000	0.4126	0.0654	0.0436	7	-0.65	5%	0
033.99	Salt, Miscellaneous (%)	0536	0.4300	0.0200	0.4126	0.0654	0.0436	7	0.27	2%	0
033.99	Salt, Miscellaneous (%)	0910	0.4350	0.0700	0.4126	0.0654	0.0436	7	0.34	3%	0
033.99	Salt, Miscellaneous (%)	2326	0.4350	0.1300	0.4126	0.0654	0.0436	7	0.34	3%	0
033.99	Salt, Miscellaneous (%)	2129	0.5850	0.0100	0.4126	0.0654	0.0436	7	2.64	21%	0
034.04	Selenium, Total (Se), AA, Hydride (ppm)	0045	0.3840	0.0540				2			0
034.04	Selenium, Total (Se), AA, Hydride (ppm)	0169	0.4200	0.0200				2			0
034.42	Selenium, Total (Se), ICP, Open vessel (ppm)	2433	1.207	0.0170				1			0
034.43	Selenium, Total (Se), ICP, Microwave (ppm)	2114	0.5158	0.0395				1			0
034.43	Selenium, Total (Se), ICP, Microwave (ppm)	2476	0.1560	0.3120				1			4
034.43	Selenium, Total (Se), ICP, Microwave (ppm)	0682	< 5					1			5
034.52	Selenium, Total (Se), ICP-MS, Open vessel (ppm)	0047	0.4945	0.0070				2			0
034.52	Selenium, Total (Se), ICP-MS, Open vessel (ppm)	0186	1.262	0.1418				2			0
034.53	Selenium, Total (Se), ICP-MS, Microwave (ppm)	0610	0.4950	0.0100				3			0
034.53	Selenium, Total (Se), ICP-MS, Microwave (ppm)	0407	0.5519	0.0032				3			0
034.53	Selenium, Total (Se), ICP-MS, Microwave (ppm)	0560	0.6388	0.0850				3			0
034.99	Selenium, Total (Se), Miscellaneous (ppm)	0190	1.020	0.0000				1			0
035.05	Sodium, Flame Emission (%)	0108	0.1650	0.0100				2			0
035.05	Sodium, Flame Emission (%)	2392	0.1675	0.0010				2			0
035.31	Sodium, AAS, Dry ash (%)	2246	0.0314	0.0008	0.1437	0.0377	0.0022	7	-2.98	39%	0
035.31	Sodium, AAS, Dry ash (%)	0536	0.1170	0.0040	0.1437	0.0377	0.0022	7	-0.71	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	
035.31	Sodium, AAS, Dry ash (%)	0939	0.1400	0.0000	0.1437	0.0377	0.0022	7	-0.10	1%	0
035.31	Sodium, AAS, Dry ash (%)	0722	0.1555	0.0028	0.1437	0.0377	0.0022	7	0.31	4%	0
035.31	Sodium, AAS, Dry ash (%)	0948	0.1565	0.0010	0.1437	0.0377	0.0022	7	0.34	4%	0
035.31	Sodium, AAS, Dry ash (%)	0656	0.1600	0.0000	0.1437	0.0377	0.0022	7	0.43	6%	0
035.31	Sodium, AAS, Dry ash (%)	2196	0.1900	0.0000	0.1437	0.0377	0.0022	7	1.23	16%	0
035.31	Sodium, AAS, Dry ash (%)	0038	0.1635	0.0290	0.1437	0.0377	0.0022	7	0.52	7%	1
035.32	Sodium, AAS, Open vessel (%)	0169	0.0000	0.0000				0			4
035.41	Sodium, ICP, Dry ash (%)	2259	0.1405	0.0010	0.1557	0.0110	0.0077	16	-1.39	5%	0
035.41	Sodium, ICP, Dry ash (%)	0049	0.1450	0.0100	0.1557	0.0110	0.0077	16	-0.98	3%	0
035.41	Sodium, ICP, Dry ash (%)	0358	0.1450	0.0100	0.1557	0.0110	0.0077	16	-0.98	3%	0
035.41	Sodium, ICP, Dry ash (%)	0098	0.1500	0.0000	0.1557	0.0110	0.0077	16	-0.52	2%	0
035.41	Sodium, ICP, Dry ash (%)	0144	0.1500	0.0000	0.1557	0.0110	0.0077	16	-0.52	2%	0
035.41	Sodium, ICP, Dry ash (%)	0171	0.1500	0.0000	0.1557	0.0110	0.0077	16	-0.52	2%	0
035.41	Sodium, ICP, Dry ash (%)	0298	0.1500	0.0200	0.1557	0.0110	0.0077	16	-0.52	2%	0
035.41	Sodium, ICP, Dry ash (%)	0619	0.1515	0.0050	0.1557	0.0110	0.0077	16	-0.39	1%	0
035.41	Sodium, ICP, Dry ash (%)	0598	0.1533	0.0007	0.1557	0.0110	0.0077	16	-0.23	1%	0
035.41	Sodium, ICP, Dry ash (%)	0407	0.1578	0.0030	0.1557	0.0110	0.0077	16	0.19	1%	0
035.41	Sodium, ICP, Dry ash (%)	0148	0.1595	0.0070	0.1557	0.0110	0.0077	16	0.34	1%	0
035.41	Sodium, ICP, Dry ash (%)	0413	0.1650	0.0100	0.1557	0.0110	0.0077	16	0.84	3%	0
035.41	Sodium, ICP, Dry ash (%)	0520	0.1657	0.0021	0.1557	0.0110	0.0077	16	0.90	3%	0
035.41	Sodium, ICP, Dry ash (%)	2114	0.1664	0.0085	0.1557	0.0110	0.0077	16	0.97	3%	0
035.41	Sodium, ICP, Dry ash (%)	0004	0.1700	0.0200	0.1557	0.0110	0.0077	16	1.30	5%	0
035.41	Sodium, ICP, Dry ash (%)	0226	0.1800	0.0000	0.1557	0.0110	0.0077	16	2.21	8%	0
035.42	Sodium, ICP, Open vessel (%)	0504	0.1300	0.0000	0.1547	0.0131	0.0062	16	-1.88	8%	0
035.42	Sodium, ICP, Open vessel (%)	2129	0.1400	0.0000	0.1547	0.0131	0.0062	16	-1.12	5%	0
035.42	Sodium, ICP, Open vessel (%)	0870	0.1435	0.0008	0.1547	0.0131	0.0062	16	-0.85	4%	0
035.42	Sodium, ICP, Open vessel (%)	0278	0.1450	0.0100	0.1547	0.0131	0.0062	16	-0.74	3%	0
035.42	Sodium, ICP, Open vessel (%)	0045	0.1490	0.0020	0.1547	0.0131	0.0062	16	-0.43	2%	0
035.42	Sodium, ICP, Open vessel (%)	0613	0.1500	0.0200	0.1547	0.0131	0.0062	16	-0.36	2%	0
035.42	Sodium, ICP, Open vessel (%)	2319	0.1505	0.0010	0.1547	0.0131	0.0062	16	-0.32	1%	0
035.42	Sodium, ICP, Open vessel (%)	0357	0.1539	0.0020	0.1547	0.0131	0.0062	16	-0.06	0%	0
035.42	Sodium, ICP, Open vessel (%)	0263	0.1545	0.0030	0.1547	0.0131	0.0062	16	-0.02	0%	0
035.42	Sodium, ICP, Open vessel (%)	0190	0.1550	0.0100	0.1547	0.0131	0.0062	16	0.02	0%	0
035.42	Sodium, ICP, Open vessel (%)	0202	0.1575	0.0050	0.1547	0.0131	0.0062	16	0.21	1%	0
035.42	Sodium, ICP, Open vessel (%)	0726	0.1600	0.0000	0.1547	0.0131	0.0062	16	0.40	2%	0
035.42	Sodium, ICP, Open vessel (%)	0693	0.1620	0.0180	0.1547	0.0131	0.0062	16	0.55	2%	0
035.42	Sodium, ICP, Open vessel (%)	0186	0.1706	0.0057	0.1547	0.0131	0.0062	16	1.21	5%	0
035.42	Sodium, ICP, Open vessel (%)	0692	0.1800	0.0000	0.1547	0.0131	0.0062	16	1.92	8%	0
035.42	Sodium, ICP, Open vessel (%)	2433	0.1814	0.0055	0.1547	0.0131	0.0062	16	2.03	9%	0
035.43	Sodium, ICP, Microwave (%)	2326	0.1350	0.0100	0.1535	0.0107	0.0035	25	-1.74	6%	0
035.43	Sodium, ICP, Microwave (%)	0300	0.1385	0.0010	0.1535	0.0107	0.0035	25	-1.41	5%	0
035.43	Sodium, ICP, Microwave (%)	2115	0.1400	0.0000	0.1535	0.0107	0.0035	25	-1.27	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	
035.43	Sodium, ICP, Microwave (%)	0875	0.1425	0.0070	0.1535	0.0107	0.0035	25	-1.03	4%	0
035.43	Sodium, ICP, Microwave (%)	0870	0.1460	0.0029	0.1535	0.0107	0.0035	25	-0.71	2%	0
035.43	Sodium, ICP, Microwave (%)	0001	0.1460	0.0020	0.1535	0.0107	0.0035	25	-0.70	2%	0
035.43	Sodium, ICP, Microwave (%)	0918	0.1465	0.0010	0.1535	0.0107	0.0035	25	-0.66	2%	0
035.43	Sodium, ICP, Microwave (%)	0033	0.1480	0.0020	0.1535	0.0107	0.0035	25	-0.52	2%	0
035.43	Sodium, ICP, Microwave (%)	0098	0.1500	0.0000	0.1535	0.0107	0.0035	25	-0.33	1%	0
035.43	Sodium, ICP, Microwave (%)	0226	0.1500	0.0000	0.1535	0.0107	0.0035	25	-0.33	1%	0
035.43	Sodium, ICP, Microwave (%)	0345	0.1500	0.0020	0.1535	0.0107	0.0035	25	-0.33	1%	0
035.43	Sodium, ICP, Microwave (%)	0682	0.1500	0.0000	0.1535	0.0107	0.0035	25	-0.33	1%	0
035.43	Sodium, ICP, Microwave (%)	0353	0.1511	0.0007	0.1535	0.0107	0.0035	25	-0.23	1%	0
035.43	Sodium, ICP, Microwave (%)	0610	0.1550	0.0100	0.1535	0.0107	0.0035	25	0.14	0%	0
035.43	Sodium, ICP, Microwave (%)	0407	0.1566	0.0049	0.1535	0.0107	0.0035	25	0.29	1%	0
035.43	Sodium, ICP, Microwave (%)	0510	0.1590	0.0020	0.1535	0.0107	0.0035	25	0.51	2%	0
035.43	Sodium, ICP, Microwave (%)	0035	0.1600	0.0000	0.1535	0.0107	0.0035	25	0.61	2%	0
035.43	Sodium, ICP, Microwave (%)	0354	0.1600	0.0040	0.1535	0.0107	0.0035	25	0.61	2%	0
035.43	Sodium, ICP, Microwave (%)	0675	0.1600	0.0000	0.1535	0.0107	0.0035	25	0.61	2%	0
035.43	Sodium, ICP, Microwave (%)	2089	0.1600	0.0000	0.1535	0.0107	0.0035	25	0.61	2%	0
035.43	Sodium, ICP, Microwave (%)	0968	0.1607	0.0000	0.1535	0.0107	0.0035	25	0.67	2%	0
035.43	Sodium, ICP, Microwave (%)	0083	0.1630	0.0000	0.1535	0.0107	0.0035	25	0.89	3%	0
035.43	Sodium, ICP, Microwave (%)	0723	0.1685	0.0036	0.1535	0.0107	0.0035	25	1.41	5%	0
035.43	Sodium, ICP, Microwave (%)	0038	0.1820	0.0040	0.1535	0.0107	0.0035	25	2.67	9%	0
035.43	Sodium, ICP, Microwave (%)	0089	0.2300	0.0000	0.1535	0.0107	0.0035	25	7.17	25%	0
035.52	Sodium, ICP-MS, Open vessel (%)	0186	0.1585	0.0011				1			0
035.53	Sodium, ICP-MS, Microwave (%)	0939	0.1400	0.0000				2			0
035.53	Sodium, ICP-MS, Microwave (%)	0407	0.1546	0.0004				2			0
035.99	Sodium, Miscellaneous (%)	0100	0.1400	0.0000				3			0
035.99	Sodium, Miscellaneous (%)	0242	0.1500	0.0000				3			0
035.99	Sodium, Miscellaneous (%)	0889	0.3525	0.0050				3			0
036.04	Sulfur, LECO (%)	0948	0.2759	0.0005				3			0
036.04	Sulfur, LECO (%)	0226	0.2800	0.0000				3			0
036.04	Sulfur, LECO (%)	0148	0.3065	0.0050				3			0
036.42	Sulfur, ICP, Open vessel (%)	0613	0.2450	0.0100	0.2688	0.0118	0.0050	12	-2.01	4%	0
036.42	Sulfur, ICP, Open vessel (%)	0870	0.2598	0.0032	0.2688	0.0118	0.0050	12	-0.76	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0407	0.2609	0.0042	0.2688	0.0118	0.0050	12	-0.67	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0357	0.2614	0.0010	0.2688	0.0118	0.0050	12	-0.62	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0186	0.2653	0.0035	0.2688	0.0118	0.0050	12	-0.30	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0045	0.2690	0.0060	0.2688	0.0118	0.0050	12	0.02	0%	0
036.42	Sulfur, ICP, Open vessel (%)	0190	0.2700	0.0000	0.2688	0.0118	0.0050	12	0.10	0%	0
036.42	Sulfur, ICP, Open vessel (%)	0692	0.2700	0.0000	0.2688	0.0118	0.0050	12	0.10	0%	0
036.42	Sulfur, ICP, Open vessel (%)	2129	0.2700	0.0000	0.2688	0.0118	0.0050	12	0.10	0%	0
036.42	Sulfur, ICP, Open vessel (%)	0202	0.2750	0.0020	0.2688	0.0118	0.0050	12	0.52	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0726	0.2900	0.0000	0.2688	0.0118	0.0050	12	1.79	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	
036.42	Sulfur, ICP, Open vessel (%)	0278	0.3350	0.0100	0.2688	0.0118	0.0050	12	5.59	12%	0
036.42	Sulfur, ICP, Open vessel (%)	0693	0.2865	0.0310	0.2688	0.0118	0.0050	12	1.49	3%	1
036.43	Sulfur, ICP, Microwave (%)	2326	0.2200	0.0000	0.2892	0.0235	0.0062	17	-2.95	12%	0
036.43	Sulfur, ICP, Microwave (%)	0083	0.2550	0.0000	0.2892	0.0235	0.0062	17	-1.46	6%	0
036.43	Sulfur, ICP, Microwave (%)	0407	0.2658	0.0014	0.2892	0.0235	0.0062	17	-1.00	4%	0
036.43	Sulfur, ICP, Microwave (%)	0345	0.2700	0.0020	0.2892	0.0235	0.0062	17	-0.82	3%	0
036.43	Sulfur, ICP, Microwave (%)	0226	0.2750	0.0100	0.2892	0.0235	0.0062	17	-0.60	2%	0
036.43	Sulfur, ICP, Microwave (%)	0870	0.2781	0.0027	0.2892	0.0235	0.0062	17	-0.47	2%	0
036.43	Sulfur, ICP, Microwave (%)	0098	0.2830	0.0133	0.2892	0.0235	0.0062	17	-0.26	1%	0
036.43	Sulfur, ICP, Microwave (%)	0035	0.2850	0.0100	0.2892	0.0235	0.0062	17	-0.18	1%	0
036.43	Sulfur, ICP, Microwave (%)	0353	0.2900	0.0000	0.2892	0.0235	0.0062	17	0.04	0%	0
036.43	Sulfur, ICP, Microwave (%)	0033	0.2930	0.0020	0.2892	0.0235	0.0062	17	0.16	1%	0
036.43	Sulfur, ICP, Microwave (%)	2089	0.3000	0.0000	0.2892	0.0235	0.0062	17	0.46	2%	0
036.43	Sulfur, ICP, Microwave (%)	0510	0.3050	0.0100	0.2892	0.0235	0.0062	17	0.68	3%	0
036.43	Sulfur, ICP, Microwave (%)	0918	0.3065	0.0030	0.2892	0.0235	0.0062	17	0.74	3%	0
036.43	Sulfur, ICP, Microwave (%)	0682	0.3100	0.0000	0.2892	0.0235	0.0062	17	0.89	4%	0
036.43	Sulfur, ICP, Microwave (%)	0001	0.3150	0.0100	0.2892	0.0235	0.0062	17	1.10	4%	0
036.43	Sulfur, ICP, Microwave (%)	0169	0.3150	0.0100	0.2892	0.0235	0.0062	17	1.10	4%	0
036.43	Sulfur, ICP, Microwave (%)	0968	0.3155	0.0001	0.2892	0.0235	0.0062	17	1.12	5%	0
036.43	Sulfur, ICP, Microwave (%)	2476	0.2400	0.0540	0.2892	0.0235	0.0062	17	-2.10	9%	1
036.52	Sulfur, ICP-MS, Open vessel (%)	0186	0.2865	0.0037				1			0
036.99	Sulfur, Miscellaneous (%)	0242	0.2600	0.0000				2			0
036.99	Sulfur, Miscellaneous (%)	0889	0.3000	0.0000				2			0
037.31	Zinc, AAS, Dry ash (ppm)	2188	128.3	0.9700	142.8	10.52	1.616	9	-1.38	5%	0
037.31	Zinc, AAS, Dry ash (ppm)	0939	130.5	2.080	142.8	10.52	1.616	9	-1.18	4%	0
037.31	Zinc, AAS, Dry ash (ppm)	0689	137.0	0.6000	142.8	10.52	1.616	9	-0.56	2%	0
037.31	Zinc, AAS, Dry ash (ppm)	0651	141.9	3.436	142.8	10.52	1.616	9	-0.09	0%	0
037.31	Zinc, AAS, Dry ash (ppm)	2246	143.3	1.140	142.8	10.52	1.616	9	0.05	0%	0
037.31	Zinc, AAS, Dry ash (ppm)	2196	148.3	0.0000	142.8	10.52	1.616	9	0.52	2%	0
037.31	Zinc, AAS, Dry ash (ppm)	0656	150.7	0.0000	142.8	10.52	1.616	9	0.75	3%	0
037.31	Zinc, AAS, Dry ash (ppm)	2195	151.8	1.210	142.8	10.52	1.616	9	0.86	3%	0
037.31	Zinc, AAS, Dry ash (ppm)	0529	153.6	2.200	142.8	10.52	1.616	9	1.02	4%	0
037.32	Zinc, AAS, Open vessel (ppm)	0038	155.0	0.0000				1			0
037.33	Zinc, AAS, Microwave (ppm)	2022	135.1	1.190				2			0
037.33	Zinc, AAS, Microwave (ppm)	0948	152.1	1.310				2			0
037.41	Zinc, ICP, Dry ash (ppm)	0674	29.50	0.0000	140.1	13.37	2.937	14	-8.28	39%	0
037.41	Zinc, ICP, Dry ash (ppm)	0358	123.1	0.3400	140.1	13.37	2.937	14	-1.27	6%	0
037.41	Zinc, ICP, Dry ash (ppm)	0619	129.0	2.000	140.1	13.37	2.937	14	-0.83	4%	0
037.41	Zinc, ICP, Dry ash (ppm)	0848	131.1	0.1290	140.1	13.37	2.937	14	-0.68	3%	0
037.41	Zinc, ICP, Dry ash (ppm)	0098	134.8	1.300	140.1	13.37	2.937	14	-0.40	2%	0
037.41	Zinc, ICP, Dry ash (ppm)	0520	135.2	2.699	140.1	13.37	2.937	14	-0.37	2%	0
037.41	Zinc, ICP, Dry ash (ppm)	0407	142.3	0.6431	140.1	13.37	2.937	14	0.16	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	
037.41	Zinc, ICP, Dry ash (ppm)	0049	143.2	6.560	140.1	13.37	2.937	14	0.23	1%	0
037.41	Zinc, ICP, Dry ash (ppm)	0171	144.0	2.000	140.1	13.37	2.937	14	0.29	1%	0
037.41	Zinc, ICP, Dry ash (ppm)	0019	145.7	15.35	140.1	13.37	2.937	14	0.42	2%	0
037.41	Zinc, ICP, Dry ash (ppm)	0598	146.9	2.307	140.1	13.37	2.937	14	0.51	2%	0
037.41	Zinc, ICP, Dry ash (ppm)	0148	151.2	0.6800	140.1	13.37	2.937	14	0.83	4%	0
037.41	Zinc, ICP, Dry ash (ppm)	0226	155.1	4.460	140.1	13.37	2.937	14	1.12	5%	0
037.41	Zinc, ICP, Dry ash (ppm)	0004	170.9	18.58	140.1	13.37	2.937	14	2.30	11%	0
037.42	Zinc, ICP, Open vessel (ppm)	0870	115.7	6.300	143.8	8.794	4.707	17	-3.20	10%	0
037.42	Zinc, ICP, Open vessel (ppm)	0504	132.5	3.000	143.8	8.794	4.707	17	-1.28	4%	0
037.42	Zinc, ICP, Open vessel (ppm)	0009	134.0	24.00	143.8	8.794	4.707	17	-1.11	3%	0
037.42	Zinc, ICP, Open vessel (ppm)	0613	134.6	7.590	143.8	8.794	4.707	17	-1.04	3%	0
037.42	Zinc, ICP, Open vessel (ppm)	0263	137.8	2.117	143.8	8.794	4.707	17	-0.68	2%	0
037.42	Zinc, ICP, Open vessel (ppm)	0186	139.4	5.290	143.8	8.794	4.707	17	-0.49	2%	0
037.42	Zinc, ICP, Open vessel (ppm)	0045	141.0	4.000	143.8	8.794	4.707	17	-0.31	1%	0
037.42	Zinc, ICP, Open vessel (ppm)	2319	145.0	6.000	143.8	8.794	4.707	17	0.14	0%	0
037.42	Zinc, ICP, Open vessel (ppm)	0357	146.1	1.215	143.8	8.794	4.707	17	0.26	1%	0
037.42	Zinc, ICP, Open vessel (ppm)	2129	146.2	8.100	143.8	8.794	4.707	17	0.27	1%	0
037.42	Zinc, ICP, Open vessel (ppm)	0190	146.7	0.0800	143.8	8.794	4.707	17	0.34	1%	0
037.42	Zinc, ICP, Open vessel (ppm)	2433	150.0	3.150	143.8	8.794	4.707	17	0.70	2%	0
037.42	Zinc, ICP, Open vessel (ppm)	0413	150.5	2.030	143.8	8.794	4.707	17	0.77	2%	0
037.42	Zinc, ICP, Open vessel (ppm)	0726	150.7	1.400	143.8	8.794	4.707	17	0.79	2%	0
037.42	Zinc, ICP, Open vessel (ppm)	0202	151.0	8.000	143.8	8.794	4.707	17	0.82	3%	0
037.42	Zinc, ICP, Open vessel (ppm)	0692	152.5	11.00	143.8	8.794	4.707	17	0.99	3%	0
037.42	Zinc, ICP, Open vessel (ppm)	0278	155.5	1.000	143.8	8.794	4.707	17	1.33	4%	0
037.42	Zinc, ICP, Open vessel (ppm)	0693	182.9	72.88	143.8	8.794	4.707	17	4.45	14%	1
037.43	Zinc, ICP, Microwave (ppm)	2326	114.0	8.000	141.5	10.73	3.445	30	-2.57	10%	0
037.43	Zinc, ICP, Microwave (ppm)	0870	124.4	1.900	141.5	10.73	3.445	30	-1.60	6%	0
037.43	Zinc, ICP, Microwave (ppm)	0723	125.2	0.7000	141.5	10.73	3.445	30	-1.53	6%	0
037.43	Zinc, ICP, Microwave (ppm)	0511	128.5	7.000	141.5	10.73	3.445	30	-1.21	5%	0
037.43	Zinc, ICP, Microwave (ppm)	0875	131.4	5.277	141.5	10.73	3.445	30	-0.95	4%	0
037.43	Zinc, ICP, Microwave (ppm)	0017	133.2	6.277	141.5	10.73	3.445	30	-0.78	3%	0
037.43	Zinc, ICP, Microwave (ppm)	0010	133.5	1.000	141.5	10.73	3.445	30	-0.75	3%	0
037.43	Zinc, ICP, Microwave (ppm)	0354	134.0	1.010	141.5	10.73	3.445	30	-0.70	3%	0
037.43	Zinc, ICP, Microwave (ppm)	0033	135.0	8.000	141.5	10.73	3.445	30	-0.61	2%	0
037.43	Zinc, ICP, Microwave (ppm)	0848	135.2	4.070	141.5	10.73	3.445	30	-0.59	2%	0
037.43	Zinc, ICP, Microwave (ppm)	0682	137.3	0.0000	141.5	10.73	3.445	30	-0.39	1%	0
037.43	Zinc, ICP, Microwave (ppm)	0169	138.5	1.000	141.5	10.73	3.445	30	-0.28	1%	0
037.43	Zinc, ICP, Microwave (ppm)	2115	138.9	6.850	141.5	10.73	3.445	30	-0.25	1%	0
037.43	Zinc, ICP, Microwave (ppm)	0968	140.0	1.414	141.5	10.73	3.445	30	-0.14	1%	0
037.43	Zinc, ICP, Microwave (ppm)	0510	141.5	3.000	141.5	10.73	3.445	30	0.00	0%	0
037.43	Zinc, ICP, Microwave (ppm)	0918	143.2	2.500	141.5	10.73	3.445	30	0.16	1%	0
037.43	Zinc, ICP, Microwave (ppm)	0035	144.5	5.000	141.5	10.73	3.445	30	0.28	1%	0

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			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
037.43	Zinc, ICP, Microwave (ppm)	0675	145.3	1.510	141.5	10.73	3.445	30	0.35	1%	0
037.43	Zinc, ICP, Microwave (ppm)	0407	146.3	4.819	141.5	10.73	3.445	30	0.44	2%	0
037.43	Zinc, ICP, Microwave (ppm)	0345	146.4	0.6700	141.5	10.73	3.445	30	0.45	2%	0
037.43	Zinc, ICP, Microwave (ppm)	2089	148.0	2.360	141.5	10.73	3.445	30	0.60	2%	0
037.43	Zinc, ICP, Microwave (ppm)	0001	148.5	3.000	141.5	10.73	3.445	30	0.65	2%	0
037.43	Zinc, ICP, Microwave (ppm)	0098	148.5	8.000	141.5	10.73	3.445	30	0.65	2%	0
037.43	Zinc, ICP, Microwave (ppm)	2192	148.5	9.000	141.5	10.73	3.445	30	0.65	2%	0
037.43	Zinc, ICP, Microwave (ppm)	0226	149.7	3.080	141.5	10.73	3.445	30	0.76	3%	0
037.43	Zinc, ICP, Microwave (ppm)	0083	150.7	1.420	141.5	10.73	3.445	30	0.85	3%	0
037.43	Zinc, ICP, Microwave (ppm)	0610	153.5	1.000	141.5	10.73	3.445	30	1.12	4%	0
037.43	Zinc, ICP, Microwave (ppm)	0353	154.4	0.3400	141.5	10.73	3.445	30	1.20	5%	0
037.43	Zinc, ICP, Microwave (ppm)	0505	158.2	1.100	141.5	10.73	3.445	30	1.55	6%	0
037.43	Zinc, ICP, Microwave (ppm)	0027	158.9	1.927	141.5	10.73	3.445	30	1.61	6%	0
037.43	Zinc, ICP, Microwave (ppm)	2476	118.8	25.70	141.5	10.73	3.445	30	-2.12	8%	1
037.43	Zinc, ICP, Microwave (ppm)	0038	181.5	23.00	141.5	10.73	3.445	30	3.73	14%	1
037.44	Zinc, ICP, Dry ash (ppm)	0066	104.8	4.636				2			0
037.44	Zinc, ICP, Dry ash (ppm)	2114	126.0	8.300				2			0
037.52	Zinc, ICP-MS, Open vessel (ppm)	0047	97.26	0.6200				2			0
037.52	Zinc, ICP-MS, Open vessel (ppm)	0186	146.8	0.6200				2			0
037.53	Zinc, ICP-MS, Microwave (ppm)	0016	118.0	0.0000				3			0
037.53	Zinc, ICP-MS, Microwave (ppm)	0939	124.5	5.000				3			0
037.53	Zinc, ICP-MS, Microwave (ppm)	0407	147.3	0.8434				3			0
037.99	Zinc, Miscellaneous (ppm)	0242	138.5	1.000				2			0
037.99	Zinc, Miscellaneous (ppm)	0590	141.5	3.000				2			0
037.99	Zinc, Miscellaneous (ppm)	0100	140.0	20.00				2			1
037.99	Zinc, Miscellaneous (ppm)	0889	521.5	4.935				2			2
038.41	Molybdenum, ICP, Dry ash (ppm)	0407	1.324	0.0757				2			0
038.41	Molybdenum, ICP, Dry ash (ppm)	0226	1.500	0.0000				2			0
038.42	Molybdenum, ICP, Open vessel (ppm)	0692	1.055	0.1300	1.366	0.1977	0.1974	5			0
038.42	Molybdenum, ICP, Open vessel (ppm)	0202	1.350	0.1200	1.366	0.1977	0.1974	5			0
038.42	Molybdenum, ICP, Open vessel (ppm)	0278	1.365	0.1300	1.366	0.1977	0.1974	5			0
038.42	Molybdenum, ICP, Open vessel (ppm)	0693	1.473	0.0770	1.366	0.1977	0.1974	5			0
038.42	Molybdenum, ICP, Open vessel (ppm)	0045	1.585	0.5300	1.366	0.1977	0.1974	5			0
038.43	Molybdenum, ICP, Microwave (ppm)	0353	1.001	0.0221	1.355	0.2576	0.0923	7	-1.37	13%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0083	1.195	0.0100	1.355	0.2576	0.0923	7	-0.62	6%	0
038.43	Molybdenum, ICP, Microwave (ppm)	2476	1.232	0.4450	1.355	0.2576	0.0923	7	-0.48	5%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0345	1.395	0.0300	1.355	0.2576	0.0923	7	0.16	1%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0407	1.444	0.0408	1.355	0.2576	0.0923	7	0.35	3%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0510	1.550	0.1000	1.355	0.2576	0.0923	7	0.76	7%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0169	1.665	0.1900	1.355	0.2576	0.0923	7	1.20	11%	0
038.52	Molybdenum, ICP-MS, Open vessel (ppm)	0047	0.6585	0.0450				2			0
038.52	Molybdenum, ICP-MS, Open vessel (ppm)	0186	0.9432	0.0664				2			0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs			
038.53	Molybdenum, ICP-MS, Microwave (ppm)	0407	1.539	0.0694				1			0
040.53	Barium, ICP-MS, Microwave (ppm)	0407	11.65	0.4089				1			0
041.53	Vanadium, ICP-MS, Microwave (ppm)	0407	0.7700	0.0124				1			0
042.00	Chloride, Titrimetric (%)	2326	0.2650	0.0900	0.3421	0.0844	0.0290	6	-0.91	11%	0
042.00	Chloride, Titrimetric (%)	0948	0.2900	0.0000	0.3421	0.0844	0.0290	6	-0.62	8%	0
042.00	Chloride, Titrimetric (%)	0226	0.3050	0.0100	0.3421	0.0844	0.0290	6	-0.44	5%	0
042.00	Chloride, Titrimetric (%)	2392	0.3225	0.0050	0.3421	0.0844	0.0290	6	-0.23	3%	0
042.00	Chloride, Titrimetric (%)	2199	0.4350	0.0300	0.3421	0.0844	0.0290	6	1.10	14%	0
042.00	Chloride, Titrimetric (%)	2200	0.4350	0.0100	0.3421	0.0844	0.0290	6	1.10	14%	0
042.01	Chloride, Ion-selective electrode (%)	2433	0.2997	0.0001				1			0
042.99	Chloride, Miscellaneous (%)	0613	0.2900	0.0000				1			0
101.99	Choline Chloride, Miscellaneous (ppm)	0160	2,190	100.0				1			0
102.02	Niacin, LC (ppm)	0010	14.14	0.5600				3			0
102.02	Niacin, LC (ppm)	0939	32.33	0.4300				3			0
102.02	Niacin, LC (ppm)	2319	49.65	2.300				3			0
103.02	Pantothenic Acid, LC (ppm)	0010	16.35	2.051				2			0
103.02	Pantothenic Acid, LC (ppm)	0939	18.04	0.9100				2			0
103.99	Pantothenic Acid, Miscellaneous (ppm)	0160	56.25	3.100				1			0
104.00	Riboflavin, Fluorometric (ppm)	0171	6.565	0.0900				1			0
104.03	Riboflavin, LC (ppm)	2319	5.230	0.0600	7.061	2.138	0.8648	4			0
104.03	Riboflavin, LC (ppm)	0010	5.350	1.429	7.061	2.138	0.8648	4			0
104.03	Riboflavin, LC (ppm)	0939	8.070	0.1400	7.061	2.138	0.8648	4			0
104.03	Riboflavin, LC (ppm)	0027	9.595	1.830	7.061	2.138	0.8648	4			0
105.00	Thiamine, LC (ppm)	2319	3.915	0.5100				3			0
105.00	Thiamine, LC (ppm)	0010	6.914	0.7024				3			0
105.00	Thiamine, LC (ppm)	0027	7.267	2.007				3			0
106.01	Vitamin A, UV (KU / kg)	0098	7.220	0.5000				1			0
106.02	Vitamin A, LC (KU / kg)	2319	5.835	0.2700	6.966	1.319	1.213	6	-0.86	8%	0
106.02	Vitamin A, LC (KU / kg)	0148	5.902	0.9499	6.966	1.319	1.213	6	-0.81	8%	0
106.02	Vitamin A, LC (KU / kg)	0017	6.250	0.9000	6.966	1.319	1.213	6	-0.54	5%	0
106.02	Vitamin A, LC (KU / kg)	0610	7.500	1.000	6.966	1.319	1.213	6	0.40	4%	0
106.02	Vitamin A, LC (KU / kg)	0027	7.550	1.819	6.966	1.319	1.213	6	0.44	4%	0
106.02	Vitamin A, LC (KU / kg)	0038	8.760	2.340	6.966	1.319	1.213	6	1.36	13%	0
106.02	Vitamin A, LC (KU / kg)	0169	0.0000	0.0000	6.966	1.319	1.213	6			4
107.99	Vitamin B12, Miscellaneous (ppb)	2319	35.00	0.0000				1			0
108.01	Vitamin D3, LC, AOAC (KU / kg)	0169	0.0000	0.0000				0			4
108.02	Vitamin D3, LC (KU / kg)	0148	1.760	0.5200				3			0
108.02	Vitamin D3, LC (KU / kg)	2319	2.005	0.1500				3			0
108.02	Vitamin D3, LC (KU / kg)	0610	2.500	0.2000				3			0
108.99	Vitamin D3, Miscellaneous (KU / kg)	0010	1.750	0.1600				1			0
109.02	Vitamin E, LC (IU / kg)	2319	20.05	1.500				3			0
109.02	Vitamin E, LC (IU / kg)	0610	26.30	0.2000				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			
109.02	Vitamin E, LC (IU / kg)	0038	74.00	13.20				3			0
109.02	Vitamin E, LC (IU / kg)	0169	0.0000	0.0000				3			4
109.02	Vitamin E, LC (IU / kg)	0148	< 29					3			5
109.02	Vitamin E, LC (IU / kg)	0098	< 40					3			5
109.99	Vitamin E, Miscellaneous (IU / kg)	0171	23.00	2.000				1			0
112.01	Pyridoxine, LC (µg / g)	0010	3.543	0.3274				2			0
112.01	Pyridoxine, LC (µg / g)	2319	5.970	0.2600				2			0
113.02	Folic acid, LC (ppm)	2319	0.5800	0.0400				1			0
114.99	Biotin, Miscellaneous (ppm)	2319	0.0430	0.0000				3			0
114.99	Biotin, Miscellaneous (ppm)	0027	0.1065	0.0030				3			0
114.99	Biotin, Miscellaneous (ppm)	0160	0.2500	0.0400				3			0
115.00	Non Protein N (NPN), Urea + Am, Urease meth	0407	0.1248	0.0003				1			0
115.99	Non Protein N (NPN), Miscellaneous (%)	2129	1.760	0.6400				1			0
120.00	Alanine, Post-col Ninhydrin Der (%)	0571	0.5890	0.0060	0.8605	0.0261	0.0105	16	-10.41	16%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0353	0.8100	0.0200	0.8605	0.0261	0.0105	16	-1.94	3%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0968	0.8150	0.0100	0.8605	0.0261	0.0105	16	-1.74	3%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0723	0.8525	0.0090	0.8605	0.0261	0.0105	16	-0.31	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0652	0.8550	0.0100	0.8605	0.0261	0.0105	16	-0.21	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0941	0.8570	0.0000	0.8605	0.0261	0.0105	16	-0.13	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0872	0.8615	0.0050	0.8605	0.0261	0.0105	16	0.04	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0644	0.8630	0.0040	0.8605	0.0261	0.0105	16	0.10	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	2059	0.8635	0.0010	0.8605	0.0261	0.0105	16	0.11	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0226	0.8663	0.0145	0.8605	0.0261	0.0105	16	0.22	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0619	0.8685	0.0050	0.8605	0.0261	0.0105	16	0.31	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0859	0.8721	0.0239	0.8605	0.0261	0.0105	16	0.44	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0675	0.8750	0.0100	0.8605	0.0261	0.0105	16	0.56	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0504	0.8800	0.0200	0.8605	0.0261	0.0105	16	0.75	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0939	0.8900	0.0000	0.8605	0.0261	0.0105	16	1.13	2%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0682	0.9320	0.0000	0.8605	0.0261	0.0105	16	2.74	4%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0354	0.8860	0.0600	0.8605	0.0261	0.0105	16	0.98	1%	1
120.02	Alanine, Post-col OPA Der (%)	0098	0.8710	0.0040				1			0
120.05	Alanine, Pre-col AQC Der (%)	2188	0.8020	0.0160	0.8819	0.0673	0.0125	9	-1.19	5%	0
120.05	Alanine, Pre-col AQC Der (%)	2319	0.8250	0.0100	0.8819	0.0673	0.0125	9	-0.85	3%	0
120.05	Alanine, Pre-col AQC Der (%)	2246	0.8350	0.0100	0.8819	0.0673	0.0125	9	-0.70	3%	0
120.05	Alanine, Pre-col AQC Der (%)	0610	0.8600	0.0200	0.8819	0.0673	0.0125	9	-0.33	1%	0
120.05	Alanine, Pre-col AQC Der (%)	2196	0.8670	0.0000	0.8819	0.0673	0.0125	9	-0.22	1%	0
120.05	Alanine, Pre-col AQC Der (%)	0870	0.8960	0.0120	0.8819	0.0673	0.0125	9	0.21	1%	0
120.05	Alanine, Pre-col AQC Der (%)	0148	0.9295	0.0150	0.8819	0.0673	0.0125	9	0.71	3%	0
120.05	Alanine, Pre-col AQC Der (%)	2195	0.9450	0.0100	0.8819	0.0673	0.0125	9	0.94	4%	0
120.05	Alanine, Pre-col AQC Der (%)	0407	0.9778	0.0079	0.8819	0.0673	0.0125	9	1.42	5%	0
120.99	Alanine, Miscellaneous (%)	2488	0.8375	0.0350				3			0
120.99	Alanine, Miscellaneous (%)	0889	0.8425	0.0250				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			
120.99	Alanine, Miscellaneous (%)	0160	0.8455	0.0970				3			0
121.00	Arginine, Post-col Ninhydrin Der (%)	0571	0.7010	0.0240	1.080	0.0419	0.0141	16	-9.05	18%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0354	1.031	0.0420	1.080	0.0419	0.0141	16	-1.18	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0226	1.032	0.0021	1.080	0.0419	0.0141	16	-1.16	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0859	1.041	0.0292	1.080	0.0419	0.0141	16	-0.93	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0872	1.061	0.0010	1.080	0.0419	0.0141	16	-0.48	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0968	1.065	0.0300	1.080	0.0419	0.0141	16	-0.37	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0723	1.068	0.0070	1.080	0.0419	0.0141	16	-0.31	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0939	1.085	0.0100	1.080	0.0419	0.0141	16	0.11	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0504	1.095	0.0100	1.080	0.0419	0.0141	16	0.35	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	2059	1.099	0.0040	1.080	0.0419	0.0141	16	0.44	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0652	1.100	0.0000	1.080	0.0419	0.0141	16	0.47	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0941	1.104	0.0000	1.080	0.0419	0.0141	16	0.56	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0675	1.105	0.0100	1.080	0.0419	0.0141	16	0.59	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0644	1.111	0.0010	1.080	0.0419	0.0141	16	0.72	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0619	1.130	0.0200	1.080	0.0419	0.0141	16	1.18	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0682	1.147	0.0000	1.080	0.0419	0.0141	16	1.59	3%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0353	0.9700	0.1200	1.080	0.0419	0.0141	16	-2.63	5%	1
121.02	Arginine, Post-col OPA Der (%)	0098	1.066	0.0010				1			0
121.05	Arginine, Pre-col AQC Der (%)	0870	0.9645	0.0230	1.114	0.0727	0.0629	9	-2.06	7%	0
121.05	Arginine, Pre-col AQC Der (%)	2319	1.045	0.0500	1.114	0.0727	0.0629	9	-0.95	3%	0
121.05	Arginine, Pre-col AQC Der (%)	2246	1.095	0.0700	1.114	0.0727	0.0629	9	-0.26	1%	0
121.05	Arginine, Pre-col AQC Der (%)	0610	1.100	0.0200	1.114	0.0727	0.0629	9	-0.19	1%	0
121.05	Arginine, Pre-col AQC Der (%)	0148	1.105	0.0900	1.114	0.0727	0.0629	9	-0.12	0%	0
121.05	Arginine, Pre-col AQC Der (%)	2196	1.147	0.0000	1.114	0.0727	0.0629	9	0.46	1%	0
121.05	Arginine, Pre-col AQC Der (%)	2188	1.152	0.2460	1.114	0.0727	0.0629	9	0.52	2%	0
121.05	Arginine, Pre-col AQC Der (%)	0407	1.156	0.0092	1.114	0.0727	0.0629	9	0.58	2%	0
121.05	Arginine, Pre-col AQC Der (%)	2195	1.220	0.1000	1.114	0.0727	0.0629	9	1.46	5%	0
121.99	Arginine, Miscellaneous (%)	0889	1.035	0.0200				3			0
121.99	Arginine, Miscellaneous (%)	0160	1.130	0.0000				3			0
121.99	Arginine, Miscellaneous (%)	2488	1.170	0.0800				3			0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0353	1.375	0.0100	1.430	0.0308	0.0105	16	-1.79	2%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0354	1.397	0.0020	1.430	0.0308	0.0105	16	-1.08	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0872	1.403	0.0080	1.430	0.0308	0.0105	16	-0.88	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0644	1.404	0.0020	1.430	0.0308	0.0105	16	-0.85	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0968	1.410	0.0200	1.430	0.0308	0.0105	16	-0.66	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0226	1.412	0.0018	1.430	0.0308	0.0105	16	-0.58	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0859	1.421	0.0214	1.430	0.0308	0.0105	16	-0.29	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	2059	1.426	0.0160	1.430	0.0308	0.0105	16	-0.14	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0675	1.435	0.0100	1.430	0.0308	0.0105	16	0.15	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0723	1.441	0.0050	1.430	0.0308	0.0105	16	0.33	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0941	1.445	0.0000	1.430	0.0308	0.0105	16	0.48	1%	0

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			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
122.00	Aspartic, Post-col Ninhydrin Der (%)	0619	1.450	0.0200	1.430	0.0308	0.0105	16	0.64	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0504	1.455	0.0100	1.430	0.0308	0.0105	16	0.80	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0652	1.460	0.0000	1.430	0.0308	0.0105	16	0.96	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0939	1.465	0.0100	1.430	0.0308	0.0105	16	1.13	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0682	1.559	0.0000	1.430	0.0308	0.0105	16	4.17	4%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0571	0.8430	0.0100	1.430	0.0308	0.0105	16	-19.04	21%	2
122.02	Aspartic, Post-col OPA Der (%)	0098	1.518	0.0080				1			0
122.05	Aspartic, Pre-col AQC Der (%)	2188	1.390	0.0260	1.481	0.1075	0.0252	9	-0.85	3%	0
122.05	Aspartic, Pre-col AQC Der (%)	2246	1.390	0.0600	1.481	0.1075	0.0252	9	-0.85	3%	0
122.05	Aspartic, Pre-col AQC Der (%)	2319	1.425	0.0300	1.481	0.1075	0.0252	9	-0.52	2%	0
122.05	Aspartic, Pre-col AQC Der (%)	0870	1.431	0.0080	1.481	0.1075	0.0252	9	-0.46	2%	0
122.05	Aspartic, Pre-col AQC Der (%)	0610	1.435	0.0300	1.481	0.1075	0.0252	9	-0.43	2%	0
122.05	Aspartic, Pre-col AQC Der (%)	2196	1.446	0.0000	1.481	0.1075	0.0252	9	-0.32	1%	0
122.05	Aspartic, Pre-col AQC Der (%)	0407	1.576	0.0127	1.481	0.1075	0.0252	9	0.88	3%	0
122.05	Aspartic, Pre-col AQC Der (%)	0148	1.610	0.0200	1.481	0.1075	0.0252	9	1.20	4%	0
122.05	Aspartic, Pre-col AQC Der (%)	2195	1.625	0.0300	1.481	0.1075	0.0252	9	1.34	5%	0
122.99	Aspartic, Miscellaneous (%)	2488	0.7950	0.0500				3			0
122.99	Aspartic, Miscellaneous (%)	0889	1.390	0.0100				3			0
122.99	Aspartic, Miscellaneous (%)	0160	1.430	0.1400				3			0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0571	0.2465	0.0110	0.3178	0.0249	0.0063	18	-2.87	11%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0859	0.2933	0.0070	0.3178	0.0249	0.0063	18	-0.99	4%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0160	0.2950	0.0100	0.3178	0.0249	0.0063	18	-0.92	4%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0675	0.2950	0.0100	0.3178	0.0249	0.0063	18	-0.92	4%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0941	0.2970	0.0000	0.3178	0.0249	0.0063	18	-0.84	3%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0353	0.3050	0.0100	0.3178	0.0249	0.0063	18	-0.52	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0652	0.3100	0.0000	0.3178	0.0249	0.0063	18	-0.32	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0644	0.3105	0.0030	0.3178	0.0249	0.0063	18	-0.30	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0619	0.3125	0.0090	0.3178	0.0249	0.0063	18	-0.21	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0723	0.3205	0.0010	0.3178	0.0249	0.0063	18	0.11	0%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	2059	0.3215	0.0010	0.3178	0.0249	0.0063	18	0.15	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0226	0.3236	0.0023	0.3178	0.0249	0.0063	18	0.23	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0939	0.3300	0.0000	0.3178	0.0249	0.0063	18	0.49	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0872	0.3315	0.0010	0.3178	0.0249	0.0063	18	0.55	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0504	0.3400	0.0000	0.3178	0.0249	0.0063	18	0.89	3%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0968	0.3450	0.0100	0.3178	0.0249	0.0063	18	1.09	4%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0354	0.3610	0.0000	0.3178	0.0249	0.0063	18	1.73	7%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0682	0.3720	0.0000	0.3178	0.0249	0.0063	18	2.18	9%	0
124.02	Cysteine/Cystine, PAO Post-col OPA Der (%)	0098	0.3390	0.0000				1			0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0870	0.2385	0.0090	0.3031	0.0430	0.0216	9	-1.50	11%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	2246	0.2650	0.0500	0.3031	0.0430	0.0216	9	-0.89	6%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0407	0.2836	0.0029	0.3031	0.0430	0.0216	9	-0.45	3%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0148	0.2940	0.0420	0.3031	0.0430	0.0216	9	-0.21	1%	0



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			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	2319	0.3050	0.0100	0.3031	0.0430	0.0216	9	0.04	0%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	2196	0.3100	0.0000	0.3031	0.0430	0.0216	9	0.16	1%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	2195	0.3350	0.0300	0.3031	0.0430	0.0216	9	0.74	5%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	2188	0.3365	0.0070	0.3031	0.0430	0.0216	9	0.78	6%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0610	0.3600	0.0000	0.3031	0.0430	0.0216	9	1.32	9%	0
124.99	Cysteine/Cystine, Miscellaneous (%)	0889	0.2900	0.0000				2			0
124.99	Cysteine/Cystine, Miscellaneous (%)	2246	0.3550	0.0100				2			0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0859	3.208	0.0494	3.282	0.0654	0.0307	15	-1.13	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	2059	3.227	0.0290	3.282	0.0654	0.0307	15	-0.86	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0941	3.229	0.0000	3.282	0.0654	0.0307	15	-0.82	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0968	3.230	0.0400	3.282	0.0654	0.0307	15	-0.80	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0872	3.235	0.0070	3.282	0.0654	0.0307	15	-0.73	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0353	3.245	0.0300	3.282	0.0654	0.0307	15	-0.57	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0644	3.255	0.0040	3.282	0.0654	0.0307	15	-0.42	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0939	3.280	0.0400	3.282	0.0654	0.0307	15	-0.04	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0723	3.283	0.0210	3.282	0.0654	0.0307	15	0.00	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0619	3.305	0.0300	3.282	0.0654	0.0307	15	0.34	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0675	3.305	0.0100	3.282	0.0654	0.0307	15	0.34	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0652	3.310	0.0400	3.282	0.0654	0.0307	15	0.42	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0226	3.366	0.0753	3.282	0.0654	0.0307	15	1.28	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0504	3.380	0.0400	3.282	0.0654	0.0307	15	1.49	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0682	3.496	0.0000	3.282	0.0654	0.0307	15	3.26	3%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0354	3.130	0.1470	3.282	0.0654	0.0307	15	-2.34	2%	1
125.00	Glutamic, Post-col Ninhydrin Der (%)	0571	1.997	0.0090	3.282	0.0654	0.0307	15	-19.66	20%	2
125.02	Glutamic, Post-col OPA Der (%)	0098	3.401	0.0440				1			0
125.05	Glutamic, Pre-col AQC Der (%)	2319	3.190	0.0200	3.370	0.1759	0.0665	9	-1.02	3%	0
125.05	Glutamic, Pre-col AQC Der (%)	2188	3.192	0.0910	3.370	0.1759	0.0665	9	-1.01	3%	0
125.05	Glutamic, Pre-col AQC Der (%)	0407	3.222	0.0321	3.370	0.1759	0.0665	9	-0.84	2%	0
125.05	Glutamic, Pre-col AQC Der (%)	2196	3.307	0.0000	3.370	0.1759	0.0665	9	-0.36	1%	0
125.05	Glutamic, Pre-col AQC Der (%)	0610	3.405	0.0500	3.370	0.1759	0.0665	9	0.20	1%	0
125.05	Glutamic, Pre-col AQC Der (%)	0870	3.425	0.1950	3.370	0.1759	0.0665	9	0.31	1%	0
125.05	Glutamic, Pre-col AQC Der (%)	2246	3.425	0.1100	3.370	0.1759	0.0665	9	0.31	1%	0
125.05	Glutamic, Pre-col AQC Der (%)	2195	3.530	0.0600	3.370	0.1759	0.0665	9	0.91	2%	0
125.05	Glutamic, Pre-col AQC Der (%)	0148	3.805	0.0300	3.370	0.1759	0.0665	9	2.47	6%	0
125.99	Glutamic, Miscellaneous (%)	2488	2.510	0.1000				3			0
125.99	Glutamic, Miscellaneous (%)	0160	3.125	0.2700				3			0
125.99	Glutamic, Miscellaneous (%)	0889	3.218	0.0050				3			0
126.00	Glycine, Post-col Ninhydrin Der (%)	0571	0.6090	0.0100	0.7916	0.0291	0.0077	16	-6.27	12%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0859	0.6234	0.0173	0.7916	0.0291	0.0077	16	-5.77	11%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0353	0.7400	0.0000	0.7916	0.0291	0.0077	16	-1.77	3%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0723	0.7805	0.0010	0.7916	0.0291	0.0077	16	-0.38	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0968	0.7850	0.0100	0.7916	0.0291	0.0077	16	-0.23	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	
126.00	Glycine, Post-col Ninhydrin Der (%)	0652	0.7900	0.0000	0.7916	0.0291	0.0077	16	-0.05	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	2059	0.7905	0.0070	0.7916	0.0291	0.0077	16	-0.04	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0939	0.7950	0.0100	0.7916	0.0291	0.0077	16	0.12	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0226	0.7955	0.0015	0.7916	0.0291	0.0077	16	0.13	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0872	0.8000	0.0000	0.7916	0.0291	0.0077	16	0.29	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0941	0.8000	0.0000	0.7916	0.0291	0.0077	16	0.29	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0644	0.8020	0.0020	0.7916	0.0291	0.0077	16	0.36	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0619	0.8100	0.0080	0.7916	0.0291	0.0077	16	0.63	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0675	0.8150	0.0100	0.7916	0.0291	0.0077	16	0.80	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0504	0.8250	0.0100	0.7916	0.0291	0.0077	16	1.15	2%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0682	0.8330	0.0000	0.7916	0.0291	0.0077	16	1.42	3%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0354	0.7495	0.0790	0.7916	0.0291	0.0077	16	-1.44	3%	1
126.02	Glycine, Post-col OPA Der (%)	0098	0.8230	0.0040				1			0
126.05	Glycine, Pre-col AQC Der (%)	2188	0.7490	0.0060	0.8061	0.0421	0.0225	9	-1.36	4%	0
126.05	Glycine, Pre-col AQC Der (%)	0870	0.7655	0.0110	0.8061	0.0421	0.0225	9	-0.96	3%	0
126.05	Glycine, Pre-col AQC Der (%)	2319	0.7900	0.0000	0.8061	0.0421	0.0225	9	-0.38	1%	0
126.05	Glycine, Pre-col AQC Der (%)	0148	0.8005	0.0690	0.8061	0.0421	0.0225	9	-0.13	0%	0
126.05	Glycine, Pre-col AQC Der (%)	2196	0.8030	0.0000	0.8061	0.0421	0.0225	9	-0.07	0%	0
126.05	Glycine, Pre-col AQC Der (%)	0610	0.8100	0.0200	0.8061	0.0421	0.0225	9	0.09	0%	0
126.05	Glycine, Pre-col AQC Der (%)	2246	0.8200	0.0400	0.8061	0.0421	0.0225	9	0.33	1%	0
126.05	Glycine, Pre-col AQC Der (%)	2195	0.8500	0.0200	0.8061	0.0421	0.0225	9	1.04	3%	0
126.05	Glycine, Pre-col AQC Der (%)	0407	0.8667	0.0086	0.8061	0.0421	0.0225	9	1.44	4%	0
126.99	Glycine, Miscellaneous (%)	0889	0.4350	0.0000				3			0
126.99	Glycine, Miscellaneous (%)	0160	0.8095	0.0750				3			0
126.99	Glycine, Miscellaneous (%)	2488	0.8150	0.1100				3			0
127.00	Histidine, Post-col Ninhydrin Der (%)	0571	0.3065	0.0030	0.4534	0.0287	0.0081	16	-5.12	16%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0226	0.4164	0.0054	0.4534	0.0287	0.0081	16	-1.29	4%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0353	0.4200	0.0000	0.4534	0.0287	0.0081	16	-1.16	4%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0859	0.4288	0.0124	0.4534	0.0287	0.0081	16	-0.86	3%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0354	0.4380	0.0180	0.4534	0.0287	0.0081	16	-0.54	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0723	0.4385	0.0050	0.4534	0.0287	0.0081	16	-0.52	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0644	0.4540	0.0100	0.4534	0.0287	0.0081	16	0.02	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	2059	0.4620	0.0040	0.4534	0.0287	0.0081	16	0.30	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0941	0.4640	0.0000	0.4534	0.0287	0.0081	16	0.37	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0675	0.4650	0.0100	0.4534	0.0287	0.0081	16	0.41	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0968	0.4650	0.0100	0.4534	0.0287	0.0081	16	0.41	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0872	0.4655	0.0030	0.4534	0.0287	0.0081	16	0.42	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0939	0.4700	0.0000	0.4534	0.0287	0.0081	16	0.58	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0504	0.4750	0.0100	0.4534	0.0287	0.0081	16	0.75	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0652	0.4850	0.0100	0.4534	0.0287	0.0081	16	1.10	3%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0682	0.4970	0.0000	0.4534	0.0287	0.0081	16	1.52	5%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0619	0.4960	0.0380	0.4534	0.0287	0.0081	16	1.49	5%	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			
127.02	Histidine, Post-col OPA Der (%)	0098	0.4325	0.0070				1			0
127.05	Histidine, Pre-col AQC Der (%)	2319	0.4100	0.0200	0.4589	0.0218	0.0141	9	-2.25	5%	0
127.05	Histidine, Pre-col AQC Der (%)	0870	0.4375	0.0030	0.4589	0.0218	0.0141	9	-0.98	2%	0
127.05	Histidine, Pre-col AQC Der (%)	2188	0.4490	0.0220	0.4589	0.0218	0.0141	9	-0.45	1%	0
127.05	Histidine, Pre-col AQC Der (%)	2195	0.4550	0.0100	0.4589	0.0218	0.0141	9	-0.18	0%	0
127.05	Histidine, Pre-col AQC Der (%)	0610	0.4600	0.0000	0.4589	0.0218	0.0141	9	0.05	0%	0
127.05	Histidine, Pre-col AQC Der (%)	0148	0.4645	0.0290	0.4589	0.0218	0.0141	9	0.26	1%	0
127.05	Histidine, Pre-col AQC Der (%)	2246	0.4750	0.0100	0.4589	0.0218	0.0141	9	0.74	2%	0
127.05	Histidine, Pre-col AQC Der (%)	0407	0.4785	0.0048	0.4589	0.0218	0.0141	9	0.90	2%	0
127.05	Histidine, Pre-col AQC Der (%)	2196	0.4840	0.0000	0.4589	0.0218	0.0141	9	1.16	3%	0
127.99	Histidine, Miscellaneous (%)	0889	0.4350	0.0000				3			0
127.99	Histidine, Miscellaneous (%)	2488	0.4700	0.0000				3			0
127.99	Histidine, Miscellaneous (%)	0160	0.4835	0.0230				3			0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0571	0.3690	0.0140	0.6223	0.0491	0.0102	17	-5.16	20%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0723	0.5595	0.0190	0.6223	0.0491	0.0102	17	-1.28	5%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0353	0.5600	0.0000	0.6223	0.0491	0.0102	17	-1.27	5%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0859	0.5968	0.0105	0.6223	0.0491	0.0102	17	-0.52	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0939	0.6000	0.0000	0.6223	0.0491	0.0102	17	-0.45	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0968	0.6100	0.0200	0.6223	0.0491	0.0102	17	-0.25	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0354	0.6125	0.0110	0.6223	0.0491	0.0102	17	-0.20	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0644	0.6175	0.0010	0.6223	0.0491	0.0102	17	-0.10	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0226	0.6176	0.0014	0.6223	0.0491	0.0102	17	-0.10	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0872	0.6240	0.0020	0.6223	0.0491	0.0102	17	0.03	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0652	0.6300	0.0000	0.6223	0.0491	0.0102	17	0.16	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0941	0.6370	0.0000	0.6223	0.0491	0.0102	17	0.30	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	2059	0.6450	0.0060	0.6223	0.0491	0.0102	17	0.46	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0675	0.6550	0.0100	0.6223	0.0491	0.0102	17	0.67	3%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0619	0.6745	0.0170	0.6223	0.0491	0.0102	17	1.06	4%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0504	0.6950	0.0100	0.6223	0.0491	0.0102	17	1.48	6%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0682	0.6980	0.0000	0.6223	0.0491	0.0102	17	1.54	6%	0
128.02	Isoleucine, Post-col OPA Der (%)	0098	0.6285	0.0130				1			0
128.05	Isoleucine, Pre-col AQC Der (%)	2319	0.4700	0.0600	0.6481	0.0650	0.0209	9	-2.74	14%	0
128.05	Isoleucine, Pre-col AQC Der (%)	2188	0.5640	0.0180	0.6481	0.0650	0.0209	9	-1.29	6%	0
128.05	Isoleucine, Pre-col AQC Der (%)	0870	0.6385	0.0210	0.6481	0.0650	0.0209	9	-0.15	1%	0
128.05	Isoleucine, Pre-col AQC Der (%)	2246	0.6550	0.0300	0.6481	0.0650	0.0209	9	0.11	1%	0
128.05	Isoleucine, Pre-col AQC Der (%)	2196	0.6590	0.0000	0.6481	0.0650	0.0209	9	0.17	1%	0
128.05	Isoleucine, Pre-col AQC Der (%)	0610	0.6650	0.0100	0.6481	0.0650	0.0209	9	0.26	1%	0
128.05	Isoleucine, Pre-col AQC Der (%)	0148	0.6760	0.0300	0.6481	0.0650	0.0209	9	0.43	2%	0
128.05	Isoleucine, Pre-col AQC Der (%)	2195	0.7050	0.0100	0.6481	0.0650	0.0209	9	0.87	4%	0
128.05	Isoleucine, Pre-col AQC Der (%)	0407	0.7200	0.0058	0.6481	0.0650	0.0209	9	1.11	6%	0
128.99	Isoleucine, Miscellaneous (%)	0160	0.5900	0.1260				3			0
128.99	Isoleucine, Miscellaneous (%)	2488	0.6350	0.0100				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			
128.99	Isoleucine, Miscellaneous (%)	0889	0.6400	0.0000				3			0
129.00	Leucine, Post-col Ninhydrin Der (%)	0571	0.7740	0.0080	1.320	0.0396	0.0130	16	-13.78	21%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0353	1.210	0.0000	1.320	0.0396	0.0130	16	-2.77	4%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0723	1.277	0.0250	1.320	0.0396	0.0130	16	-1.09	2%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0968	1.290	0.0200	1.320	0.0396	0.0130	16	-0.75	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0859	1.309	0.0202	1.320	0.0396	0.0130	16	-0.27	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0872	1.309	0.0020	1.320	0.0396	0.0130	16	-0.27	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0939	1.315	0.0100	1.320	0.0396	0.0130	16	-0.12	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0226	1.325	0.0159	1.320	0.0396	0.0130	16	0.13	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0644	1.327	0.0030	1.320	0.0396	0.0130	16	0.18	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	2059	1.327	0.0040	1.320	0.0396	0.0130	16	0.19	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0652	1.330	0.0000	1.320	0.0396	0.0130	16	0.26	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0941	1.336	0.0000	1.320	0.0396	0.0130	16	0.42	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0619	1.345	0.0100	1.320	0.0396	0.0130	16	0.64	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0504	1.365	0.0300	1.320	0.0396	0.0130	16	1.15	2%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0675	1.365	0.0100	1.320	0.0396	0.0130	16	1.15	2%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0682	1.374	0.0000	1.320	0.0396	0.0130	16	1.38	2%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0354	1.379	0.1230	1.320	0.0396	0.0130	16	1.49	2%	1
129.02	Leucine, Post-col OPA Der (%)	0098	1.307	0.0060				1			0
129.05	Leucine, Pre-col AQC Der (%)	2319	1.200	0.0600	1.357	0.1066	0.0277	9	-1.47	6%	0
129.05	Leucine, Pre-col AQC Der (%)	2188	1.236	0.0010	1.357	0.1066	0.0277	9	-1.14	4%	0
129.05	Leucine, Pre-col AQC Der (%)	2196	1.337	0.0000	1.357	0.1066	0.0277	9	-0.19	1%	0
129.05	Leucine, Pre-col AQC Der (%)	0870	1.342	0.0210	1.357	0.1066	0.0277	9	-0.14	1%	0
129.05	Leucine, Pre-col AQC Der (%)	0610	1.365	0.0300	1.357	0.1066	0.0277	9	0.08	0%	0
129.05	Leucine, Pre-col AQC Der (%)	2195	1.400	0.0000	1.357	0.1066	0.0277	9	0.41	2%	0
129.05	Leucine, Pre-col AQC Der (%)	2246	1.410	0.0600	1.357	0.1066	0.0277	9	0.50	2%	0
129.05	Leucine, Pre-col AQC Der (%)	0148	1.415	0.0100	1.357	0.1066	0.0277	9	0.55	2%	0
129.05	Leucine, Pre-col AQC Der (%)	0407	1.507	0.0121	1.357	0.1066	0.0277	9	1.41	6%	0
129.99	Leucine, Miscellaneous (%)	0160	1.205	0.2100				3			0
129.99	Leucine, Miscellaneous (%)	0889	1.445	0.0100				3			0
129.99	Leucine, Miscellaneous (%)	2488	1.475	0.0100				3			0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0571	0.4635	0.0010	0.8191	0.0443	0.0103	16	-8.03	22%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0353	0.7650	0.0100	0.8191	0.0443	0.0103	16	-1.22	3%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0723	0.7730	0.0060	0.8191	0.0443	0.0103	16	-1.04	3%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0859	0.7845	0.0190	0.8191	0.0443	0.0103	16	-0.78	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0226	0.7955	0.0292	0.8191	0.0443	0.0103	16	-0.53	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0652	0.8050	0.0100	0.8191	0.0443	0.0103	16	-0.32	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0644	0.8130	0.0060	0.8191	0.0443	0.0103	16	-0.14	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0968	0.8150	0.0100	0.8191	0.0443	0.0103	16	-0.09	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0939	0.8250	0.0100	0.8191	0.0443	0.0103	16	0.13	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	2059	0.8285	0.0050	0.8191	0.0443	0.0103	16	0.21	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0941	0.8310	0.0000	0.8191	0.0443	0.0103	16	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	
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0675	0.8450	0.0100	0.8191	0.0443	0.0103	16	0.58	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0619	0.8535	0.0170	0.8191	0.0443	0.0103	16	0.78	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0872	0.8550	0.0000	0.8191	0.0443	0.0103	16	0.81	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0682	0.8790	0.0000	0.8191	0.0443	0.0103	16	1.35	4%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0504	0.9050	0.0100	0.8191	0.0443	0.0103	16	1.94	5%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0354	0.8565	0.1090	0.8191	0.0443	0.0103	16	0.84	2%	1
130.02	L-Lysine, Post-col OPA Der (%)	0098	0.8520	0.0160				1			0
130.05	L-Lysine, Pre-col AQC Der (%)	2188	0.7940	0.0100	0.8553	0.0605	0.0130	9	-1.01	4%	0
130.05	L-Lysine, Pre-col AQC Der (%)	2246	0.7950	0.0100	0.8553	0.0605	0.0130	9	-1.00	4%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0610	0.8100	0.0200	0.8553	0.0605	0.0130	9	-0.75	3%	0
130.05	L-Lysine, Pre-col AQC Der (%)	2196	0.8400	0.0000	0.8553	0.0605	0.0130	9	-0.25	1%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0014	0.8430	0.0140	0.8553	0.0605	0.0130	9	-0.20	1%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0870	0.8575	0.0030	0.8553	0.0605	0.0130	9	0.04	0%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0407	0.8978	0.0072	0.8553	0.0605	0.0130	9	0.70	2%	0
130.05	L-Lysine, Pre-col AQC Der (%)	2195	0.9300	0.0200	0.8553	0.0605	0.0130	9	1.23	4%	0
130.05	L-Lysine, Pre-col AQC Der (%)	2319	0.9300	0.0200	0.8553	0.0605	0.0130	9	1.23	4%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0148	0.8560	0.0920	0.8553	0.0605	0.0130	9	0.01	0%	1
130.99	L-Lysine, Miscellaneous (%)	2488	0.7600	0.0200	0.8819	0.1306	0.0306	5			0
130.99	L-Lysine, Miscellaneous (%)	2246	0.8150	0.0300	0.8819	0.1306	0.0306	5			0
130.99	L-Lysine, Miscellaneous (%)	0016	0.8245	0.0030	0.8819	0.1306	0.0306	5			0
130.99	L-Lysine, Miscellaneous (%)	0160	0.9175	0.0750	0.8819	0.1306	0.0306	5			0
130.99	L-Lysine, Miscellaneous (%)	0889	1.093	0.0250	0.8819	0.1306	0.0306	5			0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0571	0.1680	0.0120	0.2788	0.0155	0.0082	18	-7.13	20%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0619	0.2420	0.0140	0.2788	0.0155	0.0082	18	-2.37	7%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0859	0.2576	0.0060	0.2788	0.0155	0.0082	18	-1.36	4%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0354	0.2660	0.0000	0.2788	0.0155	0.0082	18	-0.82	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0160	0.2700	0.0200	0.2788	0.0155	0.0082	18	-0.57	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0675	0.2750	0.0100	0.2788	0.0155	0.0082	18	-0.24	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0226	0.2751	0.0086	0.2788	0.0155	0.0082	18	-0.24	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0652	0.2800	0.0000	0.2788	0.0155	0.0082	18	0.08	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0939	0.2800	0.0000	0.2788	0.0155	0.0082	18	0.08	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0723	0.2805	0.0010	0.2788	0.0155	0.0082	18	0.11	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	2059	0.2820	0.0040	0.2788	0.0155	0.0082	18	0.21	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0968	0.2850	0.0100	0.2788	0.0155	0.0082	18	0.40	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0872	0.2860	0.0040	0.2788	0.0155	0.0082	18	0.46	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0682	0.2880	0.0000	0.2788	0.0155	0.0082	18	0.59	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0644	0.2900	0.0020	0.2788	0.0155	0.0082	18	0.72	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0504	0.2950	0.0100	0.2788	0.0155	0.0082	18	1.04	3%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0941	0.2950	0.0000	0.2788	0.0155	0.0082	18	1.04	3%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0353	0.3200	0.0000	0.2788	0.0155	0.0082	18	2.65	7%	0
131.02	Methionine, PAO Post-col OPA Der (%)	0098	0.2825	0.0030				1			0
131.05	Methionine, PAO Pre-col AQC Der (%)	2246	0.2200	0.0000	0.2832	0.0237	0.0168	11	-2.67	11%	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	0.2395	0.0170	0.2832	0.0237	0.0168	11	-1.85	8%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	0016	0.2760	0.0120	0.2832	0.0237	0.0168	11	-0.30	1%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	0610	0.2800	0.0000	0.2832	0.0237	0.0168	11	-0.13	1%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	2319	0.2800	0.0000	0.2832	0.0237	0.0168	11	-0.13	1%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	0014	0.2855	0.0370	0.2832	0.0237	0.0168	11	0.10	0%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	0870	0.2895	0.0070	0.2832	0.0237	0.0168	11	0.27	1%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	0407	0.2918	0.0023	0.2832	0.0237	0.0168	11	0.36	2%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	2188	0.3010	0.0320	0.2832	0.0237	0.0168	11	0.75	3%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	2196	0.3010	0.0000	0.2832	0.0237	0.0168	11	0.75	3%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	2195	0.3150	0.0100	0.2832	0.0237	0.0168	11	1.34	6%	0
131.99	Methionine, Miscellaneous (%)	2246	0.2200	0.0000				3			0
131.99	Methionine, Miscellaneous (%)	0889	0.3050	0.0100				3			0
131.99	Methionine, Miscellaneous (%)	2488	0.3700	0.0400				3			0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0723	0.7410	0.0180	0.7760	0.0232	0.0118	16	-1.51	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0353	0.7550	0.0100	0.7760	0.0232	0.0118	16	-0.90	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0226	0.7578	0.0019	0.7760	0.0232	0.0118	16	-0.79	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0652	0.7600	0.0200	0.7760	0.0232	0.0118	16	-0.69	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0619	0.7610	0.0100	0.7760	0.0232	0.0118	16	-0.65	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0968	0.7650	0.0100	0.7760	0.0232	0.0118	16	-0.47	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	2059	0.7650	0.0000	0.7760	0.0232	0.0118	16	-0.47	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0941	0.7690	0.0000	0.7760	0.0232	0.0118	16	-0.30	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0644	0.7750	0.0000	0.7760	0.0232	0.0118	16	-0.04	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0859	0.7799	0.0123	0.7760	0.0232	0.0118	16	0.17	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0872	0.7820	0.0000	0.7760	0.0232	0.0118	16	0.26	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0354	0.7890	0.0120	0.7760	0.0232	0.0118	16	0.56	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0675	0.7950	0.0100	0.7760	0.0232	0.0118	16	0.82	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0504	0.8000	0.0000	0.7760	0.0232	0.0118	16	1.04	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0939	0.8100	0.0000	0.7760	0.0232	0.0118	16	1.47	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0682	0.8130	0.0000	0.7760	0.0232	0.0118	16	1.60	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0571	0.4490	0.0080	0.7760	0.0232	0.0118	16	-14.09	21%	2
132.02	Phenylalanine, Post-col OPA Der (%)	0098	0.7645	0.0070				1			0
132.05	Phenylalanine, Pre-col AQC Der (%)	2196	0.7140	0.0000	0.7594	0.0568	0.0288	9	-0.80	3%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	2188	0.7160	0.0340	0.7594	0.0568	0.0288	9	-0.76	3%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	0870	0.7235	0.0110	0.7594	0.0568	0.0288	9	-0.63	2%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	2195	0.7250	0.0100	0.7594	0.0568	0.0288	9	-0.61	2%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	0148	0.7465	0.1050	0.7594	0.0568	0.0288	9	-0.23	1%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	2319	0.7500	0.0200	0.7594	0.0568	0.0288	9	-0.17	1%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	0610	0.7800	0.0000	0.7594	0.0568	0.0288	9	0.36	1%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	2246	0.8350	0.0500	0.7594	0.0568	0.0288	9	1.33	5%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	0407	0.8693	0.0087	0.7594	0.0568	0.0288	9	1.93	7%	0
132.99	Phenylalanine, Miscellaneous (%)	0889	0.8100	0.0000				3			0
132.99	Phenylalanine, Miscellaneous (%)	0160	0.8330	0.0780				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			
132.99	Phenylalanine, Miscellaneous (%)	2488	0.8500	0.0200				3			0
133.00	Proline, Post-col Ninhydrin Der (%)	0571	0.7560	0.0440	1.098	0.0341	0.0218	17	-10.04	16%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0619	0.9770	0.0280	1.098	0.0341	0.0218	17	-3.55	6%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0939	1.050	0.0400	1.098	0.0341	0.0218	17	-1.41	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0968	1.080	0.0200	1.098	0.0341	0.0218	17	-0.52	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0723	1.082	0.0120	1.098	0.0341	0.0218	17	-0.47	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0354	1.095	0.0260	1.098	0.0341	0.0218	17	-0.08	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0675	1.095	0.0100	1.098	0.0341	0.0218	17	-0.08	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	2059	1.095	0.0020	1.098	0.0341	0.0218	17	-0.08	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0872	1.099	0.0040	1.098	0.0341	0.0218	17	0.03	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0652	1.105	0.0700	1.098	0.0341	0.0218	17	0.21	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0859	1.108	0.0200	1.098	0.0341	0.0218	17	0.30	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0941	1.109	0.0000	1.098	0.0341	0.0218	17	0.33	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0504	1.115	0.0100	1.098	0.0341	0.0218	17	0.50	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0644	1.120	0.0030	1.098	0.0341	0.0218	17	0.63	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0226	1.134	0.0474	1.098	0.0341	0.0218	17	1.06	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0353	1.135	0.0100	1.098	0.0341	0.0218	17	1.09	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0682	1.157	0.0000	1.098	0.0341	0.0218	17	1.74	3%	0
133.05	Proline, Pre-col AQC Der (%)	0407	1.076	0.0087	1.129	0.0470	0.0221	8	-1.14	2%	0
133.05	Proline, Pre-col AQC Der (%)	0870	1.089	0.0340	1.129	0.0470	0.0221	8	-0.86	2%	0
133.05	Proline, Pre-col AQC Der (%)	0610	1.110	0.0200	1.129	0.0470	0.0221	8	-0.41	1%	0
133.05	Proline, Pre-col AQC Der (%)	0148	1.120	0.0200	1.129	0.0470	0.0221	8	-0.20	0%	0
133.05	Proline, Pre-col AQC Der (%)	2319	1.130	0.0000	1.129	0.0470	0.0221	8	0.01	0%	0
133.05	Proline, Pre-col AQC Der (%)	2246	1.135	0.0300	1.129	0.0470	0.0221	8	0.12	0%	0
133.05	Proline, Pre-col AQC Der (%)	2196	1.175	0.0000	1.129	0.0470	0.0221	8	0.97	2%	0
133.05	Proline, Pre-col AQC Der (%)	2195	1.430	0.0200	1.129	0.0470	0.0221	8	6.40	13%	0
133.05	Proline, Pre-col AQC Der (%)	2188	1.062	0.2130	1.129	0.0470	0.0221	8	-1.44	3%	1
133.99	Proline, Miscellaneous (%)	0889	1.075	0.0000				3			0
133.99	Proline, Miscellaneous (%)	0160	1.105	0.0700				3			0
133.99	Proline, Miscellaneous (%)	2488	1.310	0.0800				3			0
134.00	Serine, Post-col Ninhydrin Der (%)	0571	0.5085	0.0030	0.8037	0.0264	0.0114	16	-11.20	18%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0353	0.7700	0.0200	0.8037	0.0264	0.0114	16	-1.28	2%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0941	0.7870	0.0000	0.8037	0.0264	0.0114	16	-0.63	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	2059	0.7870	0.0020	0.8037	0.0264	0.0114	16	-0.63	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0968	0.7900	0.0200	0.8037	0.0264	0.0114	16	-0.52	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0354	0.7905	0.0170	0.8037	0.0264	0.0114	16	-0.50	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0619	0.7910	0.0040	0.8037	0.0264	0.0114	16	-0.48	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0859	0.7992	0.0236	0.8037	0.0264	0.0114	16	-0.17	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0652	0.8000	0.0000	0.8037	0.0264	0.0114	16	-0.14	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0872	0.8130	0.0060	0.8037	0.0264	0.0114	16	0.35	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0675	0.8150	0.0100	0.8037	0.0264	0.0114	16	0.43	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0644	0.8170	0.0020	0.8037	0.0264	0.0114	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	
134.00	Serine, Post-col Ninhydrin Der (%)	0226	0.8256	0.0182	0.8037	0.0264	0.0114	16	0.83	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0723	0.8270	0.0000	0.8037	0.0264	0.0114	16	0.88	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0939	0.8400	0.0000	0.8037	0.0264	0.0114	16	1.38	2%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0682	0.8610	0.0000	0.8037	0.0264	0.0114	16	2.17	4%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0504	0.6750	0.0500	0.8037	0.0264	0.0114	16	-4.88	8%	1
134.02	Serine, Post-col OPA Der (%)	0098	0.7145	0.0030				1			0
134.05	Serine, Pre-col AQC Der (%)	0610	0.7200	0.0200	0.8292	0.0545	0.0285	9	-2.00	7%	0
134.05	Serine, Pre-col AQC Der (%)	2196	0.7740	0.0000	0.8292	0.0545	0.0285	9	-1.01	3%	0
134.05	Serine, Pre-col AQC Der (%)	0870	0.8035	0.0110	0.8292	0.0545	0.0285	9	-0.47	2%	0
134.05	Serine, Pre-col AQC Der (%)	0407	0.8371	0.0067	0.8292	0.0545	0.0285	9	0.14	0%	0
134.05	Serine, Pre-col AQC Der (%)	0148	0.8400	0.0320	0.8292	0.0545	0.0285	9	0.20	1%	0
134.05	Serine, Pre-col AQC Der (%)	2188	0.8460	0.0460	0.8292	0.0545	0.0285	9	0.31	1%	0
134.05	Serine, Pre-col AQC Der (%)	2195	0.8500	0.0400	0.8292	0.0545	0.0285	9	0.38	1%	0
134.05	Serine, Pre-col AQC Der (%)	2319	0.8550	0.0100	0.8292	0.0545	0.0285	9	0.47	2%	0
134.05	Serine, Pre-col AQC Der (%)	2246	0.9100	0.0800	0.8292	0.0545	0.0285	9	1.48	5%	0
134.99	Serine, Miscellaneous (%)	0889	0.7775	0.0050				3			0
134.99	Serine, Miscellaneous (%)	2488	0.7950	0.1300				3			0
134.99	Serine, Miscellaneous (%)	0160	0.9000	0.1220				3			0
135.00	Threonine, Post-col Ninhydrin Der (%)	0571	0.3945	0.0010	0.6209	0.0184	0.0077	17	-12.29	18%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0353	0.5900	0.0200	0.6209	0.0184	0.0077	17	-1.68	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0226	0.5904	0.0002	0.6209	0.0184	0.0077	17	-1.65	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0652	0.6150	0.0100	0.6209	0.0184	0.0077	17	-0.32	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0675	0.6150	0.0100	0.6209	0.0184	0.0077	17	-0.32	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0644	0.6180	0.0000	0.6209	0.0184	0.0077	17	-0.16	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0941	0.6200	0.0000	0.6209	0.0184	0.0077	17	-0.05	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0968	0.6200	0.0200	0.6209	0.0184	0.0077	17	-0.05	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	2059	0.6205	0.0030	0.6209	0.0184	0.0077	17	-0.02	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0859	0.6222	0.0097	0.6209	0.0184	0.0077	17	0.07	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0872	0.6240	0.0020	0.6209	0.0184	0.0077	17	0.17	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0619	0.6295	0.0030	0.6209	0.0184	0.0077	17	0.47	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0504	0.6300	0.0000	0.6209	0.0184	0.0077	17	0.50	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0939	0.6300	0.0000	0.6209	0.0184	0.0077	17	0.50	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0354	0.6395	0.0110	0.6209	0.0184	0.0077	17	1.01	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0723	0.6430	0.0060	0.6209	0.0184	0.0077	17	1.20	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0682	0.6630	0.0000	0.6209	0.0184	0.0077	17	2.29	3%	0
135.02	Threonine, Post-col OPA Der (%)	0098	0.6065	0.0010				1			0
135.05	Threonine, Pre-col AQC Der (%)	2319	0.6050	0.0300	0.6403	0.0326	0.0322	9	-1.08	3%	0
135.05	Threonine, Pre-col AQC Der (%)	0610	0.6100	0.0000	0.6403	0.0326	0.0322	9	-0.93	2%	0
135.05	Threonine, Pre-col AQC Der (%)	0870	0.6200	0.0020	0.6403	0.0326	0.0322	9	-0.62	2%	0
135.05	Threonine, Pre-col AQC Der (%)	2188	0.6245	0.0770	0.6403	0.0326	0.0322	9	-0.48	1%	0
135.05	Threonine, Pre-col AQC Der (%)	2195	0.6400	0.0200	0.6403	0.0326	0.0322	9	-0.01	0%	0
135.05	Threonine, Pre-col AQC Der (%)	2196	0.6480	0.0000	0.6403	0.0326	0.0322	9	0.24	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	
135.05	Threonine, Pre-col AQC Der (%)	0148	0.6505	0.0310	0.6403	0.0326	0.0322	9	0.31	1%	0
135.05	Threonine, Pre-col AQC Der (%)	0407	0.6753	0.0054	0.6403	0.0326	0.0322	9	1.08	3%	0
135.05	Threonine, Pre-col AQC Der (%)	2246	0.7100	0.0600	0.6403	0.0326	0.0322	9	2.14	5%	0
135.99	Threonine, Miscellaneous (%)	2488	0.5300	0.0200	0.6310	0.0910	0.0200	4			0
135.99	Threonine, Miscellaneous (%)	0889	0.5950	0.0000	0.6310	0.0910	0.0200	4			0
135.99	Threonine, Miscellaneous (%)	2246	0.6550	0.0100	0.6310	0.0910	0.0200	4			0
135.99	Threonine, Miscellaneous (%)	0160	0.7440	0.0300	0.6310	0.0910	0.0200	4			0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0682	0.1940	0.0000				3			0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0941	0.2151	0.0002				3			0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0619	0.2380	0.0100				3			0
136.01	Tryptophan, Alka-Hydrol Rev Phase LC UV (%)	0644	0.2505	0.0010				1			0
136.02	Tryptophan, Alka-Hydrol Post-col OPA De (%)	0098	0.2275	0.0130				1			0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0571	0.1740	0.0080	0.2437	0.0093	0.0047	9	-7.47	14%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0353	0.2350	0.0100	0.2437	0.0093	0.0047	9	-0.93	2%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0872	0.2405	0.0030	0.2437	0.0093	0.0047	9	-0.34	1%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	2114	0.2412	0.0002	0.2437	0.0093	0.0047	9	-0.27	1%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	2059	0.2440	0.0020	0.2437	0.0093	0.0047	9	0.03	0%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0859	0.2456	0.0095	0.2437	0.0093	0.0047	9	0.20	0%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0939	0.2500	0.0000	0.2437	0.0093	0.0047	9	0.67	1%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0226	0.2514	0.0004	0.2437	0.0093	0.0047	9	0.82	2%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	2196	0.2560	0.0000	0.2437	0.0093	0.0047	9	1.32	3%	0
136.05	Tryptophan, Pre-col AQC Der (%)	2246	0.1750	0.0100	0.2126	0.0269	0.0058	4			0
136.05	Tryptophan, Pre-col AQC Der (%)	0407	0.2119	0.0021	0.2126	0.0269	0.0058	4			0
136.05	Tryptophan, Pre-col AQC Der (%)	0870	0.2285	0.0010	0.2126	0.0269	0.0058	4			0
136.05	Tryptophan, Pre-col AQC Der (%)	2319	0.2350	0.0100	0.2126	0.0269	0.0058	4			0
136.99	Tryptophan, Miscellaneous (%)	2246	0.2000	0.0000				3			0
136.99	Tryptophan, Miscellaneous (%)	0504	0.2050	0.0100				3			0
136.99	Tryptophan, Miscellaneous (%)	0889	0.5475	0.0050				3			0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0354	0.4395	0.0070	0.5170	0.0437	0.0060	12	-1.77	7%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0682	0.4760	0.0000	0.5170	0.0437	0.0060	12	-0.94	4%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0968	0.4850	0.0100	0.5170	0.0437	0.0060	12	-0.73	3%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0504	0.4950	0.0100	0.5170	0.0437	0.0060	12	-0.50	2%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0872	0.4995	0.0030	0.5170	0.0437	0.0060	12	-0.40	2%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0941	0.5000	0.0000	0.5170	0.0437	0.0060	12	-0.39	2%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0644	0.5330	0.0040	0.5170	0.0437	0.0060	12	0.37	2%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0353	0.5350	0.0100	0.5170	0.0437	0.0060	12	0.41	2%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0723	0.5405	0.0010	0.5170	0.0437	0.0060	12	0.54	2%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0226	0.5408	0.0035	0.5170	0.0437	0.0060	12	0.54	2%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0675	0.5650	0.0100	0.5170	0.0437	0.0060	12	1.10	5%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	2059	0.5855	0.0010	0.5170	0.0437	0.0060	12	1.57	7%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0939	0.5550	0.0300	0.5170	0.0437	0.0060	12	0.87	4%	1
137.02	Tyrosine, Post-col OPA Der (%)	0098	0.4755	0.0010				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	
137.05	Tyrosine, Pre-col AQC Der (%)	2246	0.4300	0.0200	0.5366	0.0760	0.0124	8	-1.40	10%	0
137.05	Tyrosine, Pre-col AQC Der (%)	0870	0.4455	0.0270	0.5366	0.0760	0.0124	8	-1.20	8%	0
137.05	Tyrosine, Pre-col AQC Der (%)	2196	0.5310	0.0000	0.5366	0.0760	0.0124	8	-0.07	1%	0
137.05	Tyrosine, Pre-col AQC Der (%)	2319	0.5450	0.0100	0.5366	0.0760	0.0124	8	0.11	1%	0
137.05	Tyrosine, Pre-col AQC Der (%)	0407	0.5636	0.0056	0.5366	0.0760	0.0124	8	0.36	3%	0
137.05	Tyrosine, Pre-col AQC Der (%)	0610	0.5750	0.0100	0.5366	0.0760	0.0124	8	0.51	4%	0
137.05	Tyrosine, Pre-col AQC Der (%)	2188	0.5775	0.0070	0.5366	0.0760	0.0124	8	0.54	4%	0
137.05	Tyrosine, Pre-col AQC Der (%)	2195	0.6250	0.0100	0.5366	0.0760	0.0124	8	1.16	8%	0
137.05	Tyrosine, Pre-col AQC Der (%)	0148	0.5840	0.1180	0.5366	0.0760	0.0124	8	0.62	4%	1
137.99	Tyrosine, Miscellaneous (%)	2488	0.5250	0.0100				3			0
137.99	Tyrosine, Miscellaneous (%)	0889	0.5475	0.0050				3			0
137.99	Tyrosine, Miscellaneous (%)	0160	0.6050	0.0420				3			0
138.00	Valine, Post-col Ninhydrin Der (%)	0571	0.5370	0.0120	0.7998	0.0393	0.0125	17	-6.68	16%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0353	0.7300	0.0000	0.7998	0.0393	0.0125	17	-1.77	4%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0859	0.7560	0.0120	0.7998	0.0393	0.0125	17	-1.11	3%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0723	0.7650	0.0220	0.7998	0.0393	0.0125	17	-0.88	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0354	0.7890	0.0020	0.7998	0.0393	0.0125	17	-0.27	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0939	0.7900	0.0000	0.7998	0.0393	0.0125	17	-0.25	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0644	0.7945	0.0010	0.7998	0.0393	0.0125	17	-0.13	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0968	0.8000	0.0200	0.7998	0.0393	0.0125	17	0.01	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0226	0.8028	0.0135	0.7998	0.0393	0.0125	17	0.08	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0941	0.8030	0.0000	0.7998	0.0393	0.0125	17	0.08	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0682	0.8090	0.0000	0.7998	0.0393	0.0125	17	0.24	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0652	0.8150	0.0100	0.7998	0.0393	0.0125	17	0.39	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	2059	0.8235	0.0090	0.7998	0.0393	0.0125	17	0.60	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0872	0.8240	0.0080	0.7998	0.0393	0.0125	17	0.62	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0675	0.8250	0.0100	0.7998	0.0393	0.0125	17	0.64	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0619	0.8625	0.0230	0.7998	0.0393	0.0125	17	1.60	4%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0504	0.9100	0.0200	0.7998	0.0393	0.0125	17	2.80	7%	0
138.02	Valine, Post-col OPA Der (%)	0098	0.8690	0.0020				1			0
138.05	Valine, Pre-col AQC Der (%)	2319	0.6600	0.0800	0.8077	0.0326	0.0236	8	-4.53	9%	0
138.05	Valine, Pre-col AQC Der (%)	2188	0.7790	0.0340	0.8077	0.0326	0.0236	8	-0.88	2%	0
138.05	Valine, Pre-col AQC Der (%)	2196	0.7960	0.0000	0.8077	0.0326	0.0236	8	-0.36	1%	0
138.05	Valine, Pre-col AQC Der (%)	2195	0.8050	0.0100	0.8077	0.0326	0.0236	8	-0.08	0%	0
138.05	Valine, Pre-col AQC Der (%)	0870	0.8215	0.0150	0.8077	0.0326	0.0236	8	0.42	1%	0
138.05	Valine, Pre-col AQC Der (%)	0407	0.8261	0.0067	0.8077	0.0326	0.0236	8	0.56	1%	0
138.05	Valine, Pre-col AQC Der (%)	0610	0.8300	0.0200	0.8077	0.0326	0.0236	8	0.69	1%	0
138.05	Valine, Pre-col AQC Der (%)	2246	0.8450	0.0300	0.8077	0.0326	0.0236	8	1.15	2%	0
138.99	Valine, Miscellaneous (%)	2488	0.7500	0.0200				3			0
138.99	Valine, Miscellaneous (%)	0160	0.7765	0.1610				3			0
138.99	Valine, Miscellaneous (%)	0889	0.7850	0.0000				3			0
139.00	Taurine, Post-col Ninhydrin Der (%)	0682	0.0580	0.0000				2			0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs			
139.00	Taurine, Post-col Ninhydrin Der (%)	0504	0.1900	0.0000				2			0
139.02	Taurine, Post-col OPA Der (%)	0098	< 0.01					0			5
139.05	Taurine, Pre-col AQC Der (%)	2319	0.0015	0.0003				2			0
139.05	Taurine, Pre-col AQC Der (%)	0407	0.1629	0.0013				2			0
162.99	Glucose, Miscellaneous (%)	0689	5.050	0.1000				1			0
400.01	Water Activity, Aqualab chilled mirror (Units)	0942	0.3855	0.0090	0.4115	0.0221	0.0098	10	-1.18	3%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	0407	0.3961	0.0006	0.4115	0.0221	0.0098	10	-0.70	2%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	2388	0.3975	0.0210	0.4115	0.0221	0.0098	10	-0.63	2%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	0589	0.4050	0.0060	0.4115	0.0221	0.0098	10	-0.29	1%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	2168	0.4050	0.0100	0.4115	0.0221	0.0098	10	-0.29	1%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	2174	0.4085	0.0110	0.4115	0.0221	0.0098	10	-0.13	0%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	2386	0.4125	0.0170	0.4115	0.0221	0.0098	10	0.05	0%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	2303	0.4155	0.0170	0.4115	0.0221	0.0098	10	0.18	0%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	2114	0.4521	0.0017	0.4115	0.0221	0.0098	10	1.84	5%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	0885	0.4655	0.0050	0.4115	0.0221	0.0098	10	2.45	7%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	0853	0.4326	0.0771	0.4115	0.0221	0.0098	10	0.96	3%	1
400.99	Water Activity, Miscellaneous (Units)	2387	0.4195	0.0290				2			0
400.99	Water Activity, Miscellaneous (Units)	0910	0.4340	0.0700				2			0
516.00	Arsenic, Total (As), AA, Hydride (ppm)	0045	0.0885	0.0030				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	0.1207	0.0032				1			0
516.53	Arsenic, Total (As), ICP-MS, Microwave (ppm)	0407	0.1489	0.0155				1			0
518.41	Cadmium, ICP, Dry ash (ppm)	0407	0.0914	0.0098				1			0
518.43	Cadmium, ICP, Microwave (ppm)	0407	0.0955	0.0042				2			0
518.43	Cadmium, ICP, Microwave (ppm)	0968	0.1383	0.0007				2			0
518.43	Cadmium, ICP, Microwave (ppm)	0682	< 0.2					2			5
518.52	Cadmium, ICP-MS, Open vessel (ppm)	0186	0.1078	0.0021				1			0
518.53	Cadmium, ICP-MS, Microwave (ppm)	0407	0.1082	0.0021				2			0
518.53	Cadmium, ICP-MS, Microwave (ppm)	0939	0.1150	0.0100				2			0
518.99	Cadmium, Miscellaneous (ppm)	2114	0.0989	0.0009				1			0
520.41	Chromium, Total (Cr), ICP, Dry ash (ppm)	0407	4.757	0.0988				1			0
520.42	Chromium, Total (Cr), ICP, Open vessel (ppm)	0685	5.320	0.4000				3			0
520.42	Chromium, Total (Cr), ICP, Open vessel (ppm)	0693	6.157	0.3530				3			0
520.42	Chromium, Total (Cr), ICP, Open vessel (ppm)	0045	7.850	0.4800				3			0
520.43	Chromium, Total (Cr), ICP, Microwave (ppm)	0407	6.204	0.0885	7.814	1.132	0.0675	5			0
520.43	Chromium, Total (Cr), ICP, Microwave (ppm)	0226	7.525	0.0100	7.814	1.132	0.0675	5			0
520.43	Chromium, Total (Cr), ICP, Microwave (ppm)	0510	7.585	0.1500	7.814	1.132	0.0675	5			0
520.43	Chromium, Total (Cr), ICP, Microwave (ppm)	0682	8.620	0.0000	7.814	1.132	0.0675	5			0
520.43	Chromium, Total (Cr), ICP, Microwave (ppm)	0968	9.137	0.0216	7.814	1.132	0.0675	5			0
520.52	Chromium, Total (Cr), ICP-MS, Open vessel (ppm)	0186	2.782	0.0693				1			0
520.53	Chromium, Total (Cr), ICP-MS, Microwave (ppm)	0939	6.680	0.7400				2			0
520.53	Chromium, Total (Cr), ICP-MS, Microwave (ppm)	0407	7.639	0.0876				2			0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs			
526.41	Lead, ICP, Dry ash (ppm)	0407	0.1687	0.1374				1		0	
526.43	Lead, ICP, Microwave (ppm)	0407	0.1831	0.0577				1		0	
526.43	Lead, ICP, Microwave (ppm)	0682	< 10					1		5	
526.52	Lead, ICP-MS, Open vessel (ppm)	0186	0.1793	0.0040				1		0	
526.53	Lead, ICP-MS, Microwave (ppm)	0407	0.1583	0.0071				2		0	
526.53	Lead, ICP-MS, Microwave (ppm)	0939	0.1750	0.0100				2		0	
529.99	Mercury, Miscellaneous (ppb)	0407	0.8488	0.0262				1		0	
529.99	Mercury, Miscellaneous (ppb)	0682	< 200					1		5	
539.41	Nickel, ICP, Dry ash (ppm)	0407	3.756	0.4069				1		0	
539.43	Nickel, ICP, Microwave (ppm)	0226	3.615	0.1500				3		0	
539.43	Nickel, ICP, Microwave (ppm)	0407	4.055	0.0511				3		0	
539.43	Nickel, ICP, Microwave (ppm)	0682	5.760	0.0000				3		0	
539.52	Nickel, ICP-MS, Open vessel (ppm)	0186	2.191	0.0408				1		0	
539.53	Nickel, ICP-MS, Microwave (ppm)	0939	4.220	0.0000				2		0	
539.53	Nickel, ICP-MS, Microwave (ppm)	0407	4.649	0.1282				2		0	
710.99	Lauric Acid (12:0), Miscellaneous (% (w/w))	0676	0.0035	0.0010				1		0	
710.99	Lauric Acid (12:0), Miscellaneous (% (w/w))	0226	< 0.005					1		5	
714.99	Myristic Acid (14:0), Miscellaneous (% (w/w))	0226	0.0062	0.0001				1		0	
716.99	Palmitic Acid (16:0), Miscellaneous (% (w/w))	0226	0.5237	0.0061				1		0	
718.99	Palmitoleic Acid (9c-16:1), Miscellaneous (% (w/w))	0676	0.0080	0.0000				2		0	
718.99	Palmitoleic Acid (9c-16:1), Miscellaneous (% (w/w))	0226	0.0096	0.0002				2		0	
722.99	Stearic Acid (18:0), Miscellaneous (% (w/w))	0226	0.0609	0.0021				1		0	
724.99	Oleic Acid (9c-18:1), Miscellaneous (% (w/w))	0226	0.7148	0.0071				1		0	
726.99	Linoleic Acid (9c,12c-18:2), Miscellaneous (% (w/w))	0676	1.685	0.1540				2		0	
726.99	Linoleic Acid (9c,12c-18:2), Miscellaneous (% (w/w))	0226	1.699	0.0016				2		0	
728.99	alpha-Linolenic Acid (9c,12c,15c-18:3), Miscellaneous (% (w/w))	0226	0.1275	0.0002				2		0	
728.99	alpha-Linolenic Acid (9c,12c,15c-18:3), Miscellaneous (% (w/w))	0676	0.1295	0.0130				2		0	
730.99	Arachidic Acid (20:0), Miscellaneous (% (w/w))	0226	0.0096	0.0001				1		0	
732.99	Gondoic Acid (11c-20:1), Miscellaneous (% (w/w))	0226	0.0179	0.0005				1		0	
736.99	Arachidonic Acid (5c,8c,11c,14c-20:4), Miscellaneous (% (w/w))	0676	0.0000	0.0000				0		4	
740.99	Eicosapentaenoic Acid EPA (5c,8c,11c,14c,17c-20:5), Miscellaneous (% (w/w))	0676	0.0000	0.0000				0		4	
740.99	Eicosapentaenoic Acid EPA (5c,8c,11c,14c,17c-20:5), Miscellaneous (% (w/w))	0226	< 0.005					0		5	
742.99	Behenic Acid (22:0), Miscellaneous (% (w/w))	0226	0.0081	0.0003				1		0	
744.99	Erucic Acid (13c-22:1), Miscellaneous (% (w/w))	0226	< 0.005					0		5	
746.99	Docosapentaenoic Acid n-3 DPA (7c,10c,13c,16c,19c-22:5), Miscellaneous (% (w/w))	0676	0.0000	0.0000				0		4	
746.99	Docosapentaenoic Acid n-3 DPA (7c,10c,13c,16c,19c-22:5), Miscellaneous (% (w/w))	0226	< 0.005					0		5	
748.99	Lignoceric Acid (24:0), Miscellaneous (% (w/w))	0226	0.0099	0.0005				1		0	
750.99	Docosahexaenoic Acid DHA (4c,7c,10c,13c,16c,19c,22:6), Miscellaneous (% (w/w))	0676	0.0000	0.0000				0		4	
750.99	Docosahexaenoic Acid DHA (4c,7c,10c,13c,16c,19c,22:6), Miscellaneous (% (w/w))	0226	< 0.005					0		5	
752.99	Nervonic Acid (24:1) isomers, Miscellaneous (% (w/w))	0226	< 0.005					0		5	
754.99	Total n-3 Polyunsaturated (Omega-3) Fatty Acids	0676	0.1300	0.0200				1		0	
756.99	Total n-6 Polyunsaturated (Omega-6) Fatty Acids	0676	1.685	0.1500				1		0	

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772.99	Total Fatty Acids, Miscellaneous (% (w/w))	0226	3.185	0.0100					1		0

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

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

**Note 3:** \*Robust statistics not used if < 6 labs reporting, in the case of 4 or 5 labs reporting Means and SD's may be reported based on Raw Data with obvious blunders removed (Mandel h and k exclusions apply; Grey). A zero range is not included in robust R-bar calculation.