

Animal Feed Scheme
Catfish Feed

Labs Reporting: 191
Methods Reported 382
Issue Date : 09/30/2019

Test Material Code # 201928

Method Proficiency Testing Report

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
000.02	Urea, As protein, Colorimetric (%)	0278	0.2000	0.0000				1			0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0504	7.115	0.0500				3			0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0169	7.510	0.0600				3			0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0027	7.720	0.0710				3			0
001.03	Loss on Drying, Low temp. methods (%)	2062	6.363	0.0052	7.233	0.6105	0.0513	4			0
001.03	Loss on Drying, Low temp. methods (%)	0868	7.255	0.0100	7.233	0.6105	0.0513	4			0
001.03	Loss on Drying, Low temp. methods (%)	0619	7.650	0.0600	7.233	0.6105	0.0513	4			0
001.03	Loss on Drying, Low temp. methods (%)	0843	7.665	0.1300	7.233	0.6105	0.0513	4			0
001.05	Loss on Drying, LECO (%)	0610	7.220	0.0200				3			0
001.05	Loss on Drying, LECO (%)	0644	7.470	0.0200				3			0
001.05	Loss on Drying, LECO (%)	0074	7.540	0.0000				3			0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0038	6.530	0.0600	7.479	0.1931	0.0847	47	-4.91	6%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0028	6.530	0.1000	7.479	0.1931	0.0847	47	-4.91	6%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0353	6.845	0.1900	7.479	0.1931	0.0847	47	-3.28	4%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0505	6.985	0.0900	7.479	0.1931	0.0847	47	-2.56	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2262	7.018	0.0030	7.479	0.1931	0.0847	47	-2.39	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0226	7.145	0.1300	7.479	0.1931	0.0847	47	-1.73	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0853	7.200	0.2000	7.479	0.1931	0.0847	47	-1.44	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0034	7.235	0.1100	7.479	0.1931	0.0847	47	-1.26	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0083	7.315	0.0100	7.479	0.1931	0.0847	47	-0.85	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0142	7.325	0.0900	7.479	0.1931	0.0847	47	-0.80	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0171	7.350	0.0000	7.479	0.1931	0.0847	47	-0.67	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0849	7.355	0.0900	7.479	0.1931	0.0847	47	-0.64	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2192	7.365	0.1100	7.479	0.1931	0.0847	47	-0.59	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0278	7.400	0.2400	7.479	0.1931	0.0847	47	-0.41	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2009	7.428	0.0214	7.479	0.1931	0.0847	47	-0.26	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0035	7.440	0.0400	7.479	0.1931	0.0847	47	-0.20	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0682	7.440	0.0000	7.479	0.1931	0.0847	47	-0.20	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0074	7.460	0.0000	7.479	0.1931	0.0847	47	-0.10	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2190	7.470	0.0000	7.479	0.1931	0.0847	47	-0.04	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0089	7.475	0.0300	7.479	0.1931	0.0847	47	-0.02	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2259	7.489	0.1550	7.479	0.1931	0.0847	47	0.05	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0045	7.490	0.3400	7.479	0.1931	0.0847	47	0.06	0%	0

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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0098	7.490	0.1000	7.479	0.1931	0.0847	47	0.06	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0872	7.495	0.0300	7.479	0.1931	0.0847	47	0.09	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0693	7.499	0.0360	7.479	0.1931	0.0847	47	0.11	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0638	7.500	0.0400	7.479	0.1931	0.0847	47	0.11	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2109	7.510	0.0000	7.479	0.1931	0.0847	47	0.16	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0571	7.525	0.0700	7.479	0.1931	0.0847	47	0.24	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2053	7.525	0.0500	7.479	0.1931	0.0847	47	0.24	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0148	7.550	0.0400	7.479	0.1931	0.0847	47	0.37	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0003	7.555	0.0500	7.479	0.1931	0.0847	47	0.40	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2012	7.555	0.0300	7.479	0.1931	0.0847	47	0.40	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2059	7.560	0.0600	7.479	0.1931	0.0847	47	0.42	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0683	7.565	0.0300	7.479	0.1931	0.0847	47	0.45	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0139	7.590	0.1000	7.479	0.1931	0.0847	47	0.58	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2146	7.630	0.2400	7.479	0.1931	0.0847	47	0.78	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0695	7.632	0.0140	7.479	0.1931	0.0847	47	0.79	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0675	7.640	0.0600	7.479	0.1931	0.0847	47	0.84	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0066	7.650	0.1200	7.479	0.1931	0.0847	47	0.89	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0689	7.650	0.1000	7.479	0.1931	0.0847	47	0.89	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0876	7.650	0.1000	7.479	0.1931	0.0847	47	0.89	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0843	7.665	0.1300	7.479	0.1931	0.0847	47	0.97	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0049	7.675	0.0100	7.479	0.1931	0.0847	47	1.02	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0581	7.725	0.0500	7.479	0.1931	0.0847	47	1.28	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0199	7.750	0.1200	7.479	0.1931	0.0847	47	1.41	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0590	7.900	0.3400	7.479	0.1931	0.0847	47	2.18	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0529	8.365	0.0500	7.479	0.1931	0.0847	47	4.59	6%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0366	7.650	0.5000	7.479	0.1931	0.0847	47	0.89	1%	1
001.99	Loss on Drying, Miscellaneous (%)	0618	5.450	0.4000	7.386	0.6053	0.2300	19	-3.20	13%	0
001.99	Loss on Drying, Miscellaneous (%)	0536	6.305	0.1700	7.386	0.6053	0.2300	19	-1.79	7%	0
001.99	Loss on Drying, Miscellaneous (%)	2155	6.340	0.1600	7.386	0.6053	0.2300	19	-1.73	7%	0
001.99	Loss on Drying, Miscellaneous (%)	0889	6.670	0.1200	7.386	0.6053	0.2300	19	-1.18	5%	0
001.99	Loss on Drying, Miscellaneous (%)	0918	6.985	0.0300	7.386	0.6053	0.2300	19	-0.66	3%	0
001.99	Loss on Drying, Miscellaneous (%)	0510	7.050	0.1000	7.386	0.6053	0.2300	19	-0.56	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0186	7.418	0.0274	7.386	0.6053	0.2300	19	0.05	0%	0
001.99	Loss on Drying, Miscellaneous (%)	0948	7.490	0.1000	7.386	0.6053	0.2300	19	0.17	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0676	7.495	0.0700	7.386	0.6053	0.2300	19	0.18	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0720	7.525	0.2300	7.386	0.6053	0.2300	19	0.23	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0037	7.545	0.0100	7.386	0.6053	0.2300	19	0.26	1%	0
001.99	Loss on Drying, Miscellaneous (%)	2018	7.550	0.0350	7.386	0.6053	0.2300	19	0.27	1%	0
001.99	Loss on Drying, Miscellaneous (%)	2268	7.720	0.3000	7.386	0.6053	0.2300	19	0.55	2%	0
001.99	Loss on Drying, Miscellaneous (%)	2081	7.825	0.8500	7.386	0.6053	0.2300	19	0.72	3%	0
001.99	Loss on Drying, Miscellaneous (%)	0910	7.850	0.5000	7.386	0.6053	0.2300	19	0.77	3%	0
001.99	Loss on Drying, Miscellaneous (%)	0560	7.900	1.000	7.386	0.6053	0.2300	19	0.85	3%	0

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001.99	Loss on Drying, Miscellaneous (%)	0357	7.936	0.0771	7.386	0.6053	0.2300	19	0.91	4%	0
001.99	Loss on Drying, Miscellaneous (%)	2246	7.950	0.1800	7.386	0.6053	0.2300	19	0.93	4%	0
001.99	Loss on Drying, Miscellaneous (%)	0852	7.995	0.0100	7.386	0.6053	0.2300	19	1.01	4%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	0910	32.10	0.0000	32.75	0.2434	0.1501	14	-2.66	1%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	2198	32.41	0.0400	32.75	0.2434	0.1501	14	-1.38	1%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	0870	32.61	0.2560	32.75	0.2434	0.1501	14	-0.57	0%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	0164	32.63	0.2500	32.75	0.2434	0.1501	14	-0.50	0%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	0968	32.63	0.0680	32.75	0.2434	0.1501	14	-0.50	0%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	2193	32.69	0.5000	32.75	0.2434	0.1501	14	-0.23	0%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	0652	32.70	0.2000	32.75	0.2434	0.1501	14	-0.19	0%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	0889	32.77	0.1900	32.75	0.2434	0.1501	14	0.08	0%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	2188	32.80	0.0000	32.75	0.2434	0.1501	14	0.22	0%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	2196	32.85	0.0000	32.75	0.2434	0.1501	14	0.42	0%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	0199	32.89	0.0000	32.75	0.2434	0.1501	14	0.59	0%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	2259	32.94	0.0270	32.75	0.2434	0.1501	14	0.81	0%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	0610	33.05	0.1000	32.75	0.2434	0.1501	14	1.25	0%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	0685	33.46	0.4700	32.75	0.2434	0.1501	14	2.91	1%	0
002.02	Protein, Crude, Semiauto Autoanalyzer (%)	0169	32.62	0.1500				3			0
002.02	Protein, Crude, Semiauto Autoanalyzer (%)	0036	32.67	0.2890				3			0
002.02	Protein, Crude, Semiauto Autoanalyzer (%)	0066	32.73	0.1100				3			0
002.03	Protein, Crude, Hach Method (%)	2128	32.79	0.0000				2			0
002.03	Protein, Crude, Hach Method (%)	0536	34.61	0.2100				2			0
002.04	Protein, Crude, Copper Catalyst (%)	0874	31.75	0.2900				3			0
002.04	Protein, Crude, Copper Catalyst (%)	0638	32.47	0.2600				3			0
002.04	Protein, Crude, Copper Catalyst (%)	0504	32.66	0.7700				3			0
002.05	Protein, Crude, Copper, Boric Acid (%)	0885	32.01	0.0600	32.62	0.2876	0.1351	34	-2.13	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2248	32.02	0.1400	32.62	0.2876	0.1351	34	-2.09	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2190	32.06	0.4100	32.62	0.2876	0.1351	34	-1.96	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0689	32.25	0.1000	32.62	0.2876	0.1351	34	-1.29	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2006	32.33	0.1400	32.62	0.2876	0.1351	34	-1.01	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0955	32.40	0.2000	32.62	0.2876	0.1351	34	-0.76	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2073	32.43	0.2400	32.62	0.2876	0.1351	34	-0.66	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2109	32.43	0.1400	32.62	0.2876	0.1351	34	-0.66	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0651	32.43	0.1040	32.62	0.2876	0.1351	34	-0.65	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0536	32.44	0.1100	32.62	0.2876	0.1351	34	-0.64	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0675	32.46	0.0600	32.62	0.2876	0.1351	34	-0.56	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2062	32.50	0.0491	32.62	0.2876	0.1351	34	-0.42	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2146	32.50	0.1800	32.62	0.2876	0.1351	34	-0.42	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0948	32.54	0.0800	32.62	0.2876	0.1351	34	-0.28	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0354	32.56	0.1400	32.62	0.2876	0.1351	34	-0.21	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0881	32.57	0.0660	32.62	0.2876	0.1351	34	-0.18	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2199	32.60	0.0000	32.62	0.2876	0.1351	34	-0.07	0%	0

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002.05	Protein, Crude, Copper, Boric Acid (%)	0849	32.63	0.0420	32.62	0.2876	0.1351	34	0.03	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2012	32.64	0.1400	32.62	0.2876	0.1351	34	0.07	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2009	32.65	0.0399	32.62	0.2876	0.1351	34	0.12	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0897	32.70	0.0300	32.62	0.2876	0.1351	34	0.26	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0868	32.73	0.0200	32.62	0.2876	0.1351	34	0.38	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0619	32.75	0.3000	32.62	0.2876	0.1351	34	0.45	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2022	32.75	0.0400	32.62	0.2876	0.1351	34	0.45	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2097	32.80	0.1450	32.62	0.2876	0.1351	34	0.63	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0674	32.81	0.0000	32.62	0.2876	0.1351	34	0.66	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0683	32.81	0.4000	32.62	0.2876	0.1351	34	0.66	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0939	32.82	0.4000	32.62	0.2876	0.1351	34	0.70	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2246	32.88	0.0300	32.62	0.2876	0.1351	34	0.89	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2152	32.90	0.1000	32.62	0.2876	0.1351	34	0.97	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2192	33.12	0.2200	32.62	0.2876	0.1351	34	1.74	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0622	33.12	0.2265	32.62	0.2876	0.1351	34	1.74	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2262	33.81	0.0600	32.62	0.2876	0.1351	34	4.14	2%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0852	35.55	0.1800	32.62	0.2876	0.1351	34	10.19	4%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0644	31.47	0.1310	32.97	0.2396	0.1942	124	-6.26	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0720	32.00	0.1200	32.97	0.2396	0.1942	124	-4.05	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0650	32.06	0.1700	32.97	0.2396	0.1942	124	-3.82	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0598	32.18	0.0500	32.97	0.2396	0.1942	124	-3.32	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0510	32.40	0.2000	32.97	0.2396	0.1942	124	-2.38	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0539	32.43	0.0000	32.97	0.2396	0.1942	124	-2.25	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0592	32.45	0.1300	32.97	0.2396	0.1942	124	-2.19	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2251	32.48	0.3000	32.97	0.2396	0.1942	124	-2.04	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0955	32.50	0.4000	32.97	0.2396	0.1942	124	-1.96	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0529	32.62	0.1300	32.97	0.2396	0.1942	124	-1.48	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0964	32.62	0.4620	32.97	0.2396	0.1942	124	-1.46	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2075	32.63	0.0170	32.97	0.2396	0.1942	124	-1.44	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0226	32.65	0.1000	32.97	0.2396	0.1942	124	-1.33	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2129	32.65	0.1000	32.97	0.2396	0.1942	124	-1.33	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0357	32.66	0.0625	32.97	0.2396	0.1942	124	-1.31	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0119	32.70	1.073	32.97	0.2396	0.1942	124	-1.14	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0626	32.70	0.0190	32.97	0.2396	0.1942	124	-1.13	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0100	32.70	0.1200	32.97	0.2396	0.1942	124	-1.12	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0062	32.71	0.1120	32.97	0.2396	0.1942	124	-1.09	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0139	32.71	0.1000	32.97	0.2396	0.1942	124	-1.08	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2150	32.73	0.0700	32.97	0.2396	0.1942	124	-1.02	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0186	32.74	0.7900	32.97	0.2396	0.1942	124	-0.98	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2022	32.74	0.1900	32.97	0.2396	0.1942	124	-0.98	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0089	32.75	0.0100	32.97	0.2396	0.1942	124	-0.94	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0675	32.79	0.0500	32.97	0.2396	0.1942	124	-0.77	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0171	32.79	0.0800	32.97	0.2396	0.1942	124	-0.75	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0682	32.79	0.0000	32.97	0.2396	0.1942	124	-0.75	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0047	32.81	0.7100	32.97	0.2396	0.1942	124	-0.69	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0425	32.81	0.2800	32.97	0.2396	0.1942	124	-0.67	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0202	32.82	0.1190	32.97	0.2396	0.1942	124	-0.64	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0868	32.83	0.0100	32.97	0.2396	0.1942	124	-0.60	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2018	32.83	0.0800	32.97	0.2396	0.1942	124	-0.58	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0695	32.84	0.6860	32.97	0.2396	0.1942	124	-0.53	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0032	32.84	0.1390	32.97	0.2396	0.1942	124	-0.53	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0581	32.85	1.130	32.97	0.2396	0.1942	124	-0.52	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0278	32.85	0.1000	32.97	0.2396	0.1942	124	-0.50	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0520	32.85	0.1000	32.97	0.2396	0.1942	124	-0.50	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0610	32.85	0.1000	32.97	0.2396	0.1942	124	-0.50	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0884	32.85	0.3000	32.97	0.2396	0.1942	124	-0.50	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0074	32.86	0.7000	32.97	0.2396	0.1942	124	-0.46	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0358	32.87	0.2700	32.97	0.2396	0.1942	124	-0.44	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0038	32.88	0.0800	32.97	0.2396	0.1942	124	-0.37	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0968	32.89	0.1250	32.97	0.2396	0.1942	124	-0.34	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0619	32.90	0.0000	32.97	0.2396	0.1942	124	-0.29	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0687	32.90	0.2000	32.97	0.2396	0.1942	124	-0.29	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2184	32.91	0.0800	32.97	0.2396	0.1942	124	-0.25	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0036	32.92	0.2300	32.97	0.2396	0.1942	124	-0.23	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0042	32.92	0.1100	32.97	0.2396	0.1942	124	-0.23	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0108	32.92	0.0300	32.97	0.2396	0.1942	124	-0.23	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0354	32.92	0.0200	32.97	0.2396	0.1942	124	-0.21	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0298	32.93	0.0200	32.97	0.2396	0.1942	124	-0.16	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0190	32.94	0.0900	32.97	0.2396	0.1942	124	-0.14	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0018	32.94	0.2600	32.97	0.2396	0.1942	124	-0.12	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0353	32.94	0.1000	32.97	0.2396	0.1942	124	-0.12	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0848	32.94	0.0400	32.97	0.2396	0.1942	124	-0.12	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0098	32.95	0.1000	32.97	0.2396	0.1942	124	-0.08	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0574	32.95	0.1000	32.97	0.2396	0.1942	124	-0.08	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0546	32.95	0.0400	32.97	0.2396	0.1942	124	-0.06	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0541	32.96	0.3900	32.97	0.2396	0.1942	124	-0.06	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0027	32.96	0.0870	32.97	0.2396	0.1942	124	-0.05	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0870	32.97	0.0325	32.97	0.2396	0.1942	124	-0.01	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0726	32.98	0.0100	32.97	0.2396	0.1942	124	0.02	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0009	32.98	0.3900	32.97	0.2396	0.1942	124	0.02	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0693	32.98	0.1740	32.97	0.2396	0.1942	124	0.05	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0939	32.99	0.1300	32.97	0.2396	0.1942	124	0.07	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0144	33.00	0.0700	32.97	0.2396	0.1942	124	0.11	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2168	33.00	0.1500	32.97	0.2396	0.1942	124	0.11	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2155	33.00	0.2240	32.97	0.2396	0.1942	124	0.12	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0164	33.00	0.1200	32.97	0.2396	0.1942	124	0.13	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0175	33.00	0.0000	32.97	0.2396	0.1942	124	0.13	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0366	33.00	0.0000	32.97	0.2396	0.1942	124	0.13	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0880	33.00	0.2000	32.97	0.2396	0.1942	124	0.13	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0049	33.01	0.5600	32.97	0.2396	0.1942	124	0.17	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0001	33.02	0.2500	32.97	0.2396	0.1942	124	0.19	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0006	33.03	0.0500	32.97	0.2396	0.1942	124	0.23	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0857	33.03	0.1200	32.97	0.2396	0.1942	124	0.25	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0589	33.05	0.2500	32.97	0.2396	0.1942	124	0.32	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0010	33.05	0.3000	32.97	0.2396	0.1942	124	0.34	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0017	33.05	0.1000	32.97	0.2396	0.1942	124	0.34	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0045	33.05	0.1000	32.97	0.2396	0.1942	124	0.34	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0590	33.05	0.1400	32.97	0.2396	0.1942	124	0.34	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0910	33.05	0.1000	32.97	0.2396	0.1942	124	0.34	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0953	33.06	0.3100	32.97	0.2396	0.1942	124	0.36	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0142	33.06	0.1200	32.97	0.2396	0.1942	124	0.38	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0508	33.06	0.1310	32.97	0.2396	0.1942	124	0.38	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0918	33.08	0.0700	32.97	0.2396	0.1942	124	0.44	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0242	33.08	0.1000	32.97	0.2396	0.1942	124	0.46	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0148	33.10	0.2000	32.97	0.2396	0.1942	124	0.55	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0026	33.10	0.0570	32.97	0.2396	0.1942	124	0.55	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0553	33.11	0.1100	32.97	0.2396	0.1942	124	0.57	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0035	33.11	0.1800	32.97	0.2396	0.1942	124	0.59	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0512	33.13	0.6100	32.97	0.2396	0.1942	124	0.65	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0646	33.13	0.0900	32.97	0.2396	0.1942	124	0.65	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0948	33.13	0.0500	32.97	0.2396	0.1942	124	0.65	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2246	33.13	0.1300	32.97	0.2396	0.1942	124	0.65	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0504	33.14	0.2800	32.97	0.2396	0.1942	124	0.71	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0505	33.14	0.1800	32.97	0.2396	0.1942	124	0.71	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0083	33.15	0.2900	32.97	0.2396	0.1942	124	0.73	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2033	33.15	0.2600	32.97	0.2396	0.1942	124	0.75	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0037	33.17	0.4900	32.97	0.2396	0.1942	124	0.82	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2109	33.18	0.1200	32.97	0.2396	0.1942	124	0.88	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0843	33.19	0.4500	32.97	0.2396	0.1942	124	0.90	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2089	33.20	0.0100	32.97	0.2396	0.1942	124	0.94	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0294	33.20	0.0000	32.97	0.2396	0.1942	124	0.96	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0956	33.20	0.0000	32.97	0.2396	0.1942	124	0.96	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0003	33.21	0.0000	32.97	0.2396	0.1942	124	1.00	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0859	33.23	0.0770	32.97	0.2396	0.1942	124	1.07	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0571	33.24	0.0000	32.97	0.2396	0.1942	124	1.12	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2081	33.24	0.6200	32.97	0.2396	0.1942	124	1.13	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0229	33.25	0.2700	32.97	0.2396	0.1942	124	1.15	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0676	33.26	0.2500	32.97	0.2396	0.1942	124	1.19	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0004	33.26	0.1800	32.97	0.2396	0.1942	124	1.21	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0872	33.29	0.2310	32.97	0.2396	0.1942	124	1.34	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0265	33.30	0.4000	32.97	0.2396	0.1942	124	1.38	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0876	33.35	0.1000	32.97	0.2396	0.1942	124	1.59	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0034	33.38	0.0390	32.97	0.2396	0.1942	124	1.71	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0199	33.45	0.1000	32.97	0.2396	0.1942	124	2.01	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0263	33.48	0.1200	32.97	0.2396	0.1942	124	2.13	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2213	33.55	0.0500	32.97	0.2396	0.1942	124	2.40	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2059	33.56	0.0906	32.97	0.2396	0.1942	124	2.48	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2076	33.57	0.3110	32.97	0.2396	0.1942	124	2.49	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0407	33.61	0.9940	32.97	0.2396	0.1942	124	2.65	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0618	33.80	0.1260	32.97	0.2396	0.1942	124	3.47	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0853	35.20	0.6000	32.97	0.2396	0.1942	124	9.31	3%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0511	32.58	1.510	32.97	0.2396	0.1942	124	-1.65	1%	1
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2053	32.65	1.700	32.97	0.2396	0.1942	124	-1.33	0%	1
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2012	32.89	1.880	32.97	0.2396	0.1942	124	-0.33	0%	1
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2268	36.07	2.590	32.97	0.2396	0.1942	124	12.92	5%	2
002.08	Protein, Crude, Cu/Ti (%)	0563	32.45	0.0909				2			0
002.08	Protein, Crude, Cu/Ti (%)	0098	32.71	0.0000				2			0
002.09	Protein, Crude, Selenium Catalyst (%)	2058	32.38	0.0300				1			0
002.11	Protein, Crude, NIR (%)	0889	28.65	0.0400	32.36	2.492	0.0370	7	-1.49	6%	0
002.11	Protein, Crude, NIR (%)	0852	31.39	0.0400	32.36	2.492	0.0370	7	-0.39	2%	0
002.11	Protein, Crude, NIR (%)	0553	31.87	0.0300	32.36	2.492	0.0370	7	-0.20	1%	0
002.11	Protein, Crude, NIR (%)	0720	31.94	0.0300	32.36	2.492	0.0370	7	-0.17	1%	0
002.11	Protein, Crude, NIR (%)	2128	33.50	0.0690	32.36	2.492	0.0370	7	0.45	2%	0
002.11	Protein, Crude, NIR (%)	0011	33.50	0.0000	32.36	2.492	0.0370	7	0.46	2%	0
002.11	Protein, Crude, NIR (%)	0405	35.72	0.0500	32.36	2.492	0.0370	7	1.34	5%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2198	3.885	0.1500	4.196	0.2119	0.0775	8	-1.47	4%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2190	4.070	0.1200	4.196	0.2119	0.0775	8	-0.59	1%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2192	4.125	0.0100	4.196	0.2119	0.0775	8	-0.33	1%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0175	4.140	0.2000	4.196	0.2119	0.0775	8	-0.26	1%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0142	4.235	0.0100	4.196	0.2119	0.0775	8	0.18	0%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0885	4.298	0.0597	4.196	0.2119	0.0775	8	0.48	1%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2053	4.300	0.0200	4.196	0.2119	0.0775	8	0.49	1%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2256	5.055	0.0500	4.196	0.2119	0.0775	8	4.05	10%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2109	4.225	0.5700	4.196	0.2119	0.0775	8	0.14	0%	1
003.01	Fat, Crude, Diethyl Ether Ext (13th ed.), Indirect (%)	0504	4.445	0.0900				2			0
003.01	Fat, Crude, Diethyl Ether Ext (13th ed.), Indirect (%)	2248	4.640	0.1600				2			0
003.06	Fat, Crude, Pet Ether (%)	0689	4.000	0.0000	4.167	0.1081	0.0823	17	-1.55	2%	0
003.06	Fat, Crude, Pet Ether (%)	0169	4.030	0.0600	4.167	0.1081	0.0823	17	-1.27	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
003.06	Fat, Crude, Pet Ether (%)	0939	4.050	0.0400	4.167	0.1081	0.0823	17	-1.09	1%	0
003.06	Fat, Crude, Pet Ether (%)	2033	4.065	0.0500	4.167	0.1081	0.0823	17	-0.95	1%	0
003.06	Fat, Crude, Pet Ether (%)	0425	4.095	0.0700	4.167	0.1081	0.0823	17	-0.67	1%	0
003.06	Fat, Crude, Pet Ether (%)	0644	4.132	0.1100	4.167	0.1081	0.0823	17	-0.33	0%	0
003.06	Fat, Crude, Pet Ether (%)	0229	4.152	0.0370	4.167	0.1081	0.0823	17	-0.15	0%	0
003.06	Fat, Crude, Pet Ether (%)	0849	4.155	0.0300	4.167	0.1081	0.0823	17	-0.12	0%	0
003.06	Fat, Crude, Pet Ether (%)	0164	4.185	0.1100	4.167	0.1081	0.0823	17	0.16	0%	0
003.06	Fat, Crude, Pet Ether (%)	0687	4.200	0.2000	4.167	0.1081	0.0823	17	0.30	0%	0
003.06	Fat, Crude, Pet Ether (%)	2097	4.203	0.0014	4.167	0.1081	0.0823	17	0.33	0%	0
003.06	Fat, Crude, Pet Ether (%)	0918	4.210	0.0200	4.167	0.1081	0.0823	17	0.39	1%	0
003.06	Fat, Crude, Pet Ether (%)	0294	4.210	0.0400	4.167	0.1081	0.0823	17	0.39	1%	0
003.06	Fat, Crude, Pet Ether (%)	0682	4.240	0.0000	4.167	0.1081	0.0823	17	0.67	1%	0
003.06	Fat, Crude, Pet Ether (%)	0910	4.290	0.3800	4.167	0.1081	0.0823	17	1.13	1%	0
003.06	Fat, Crude, Pet Ether (%)	0884	4.300	0.2000	4.167	0.1081	0.0823	17	1.23	2%	0
003.06	Fat, Crude, Pet Ether (%)	0199	4.325	0.0500	4.167	0.1081	0.0823	17	1.46	2%	0
003.06	Fat, Crude, Pet Ether (%)	2268	3.605	0.7100	4.167	0.1081	0.0823	17	-5.20	7%	1
003.07	Fat, Crude, Aqueous Extraction (%)	2251	4.100	0.0200				1			0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0674	3.950	0.0000	4.259	0.2874	0.1499	14	-1.08	4%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0948	3.955	0.1100	4.259	0.2874	0.1499	14	-1.06	4%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0638	4.025	0.0500	4.259	0.2874	0.1499	14	-0.81	3%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0027	4.067	0.0130	4.259	0.2874	0.1499	14	-0.67	2%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0675	4.080	0.0600	4.259	0.2874	0.1499	14	-0.62	2%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0354	4.100	0.0200	4.259	0.2874	0.1499	14	-0.55	2%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0098	4.165	0.1100	4.259	0.2874	0.1499	14	-0.33	1%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0870	4.211	0.1054	4.259	0.2874	0.1499	14	-0.17	1%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	2012	4.320	0.0600	4.259	0.2874	0.1499	14	0.21	1%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0590	4.440	0.0200	4.259	0.2874	0.1499	14	0.63	2%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0685	4.470	0.5000	4.259	0.2874	0.1499	14	0.73	2%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0226	4.485	0.2300	4.259	0.2874	0.1499	14	0.79	3%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0353	4.670	0.5200	4.259	0.2874	0.1499	14	1.43	5%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0510	6.350	0.3000	4.259	0.2874	0.1499	14	7.27	25%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2022	3.400	0.0800	3.987	0.1964	0.1037	35	-2.99	7%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0693	3.541	0.4270	3.987	0.1964	0.1037	35	-2.28	6%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2073	3.735	0.0100	3.987	0.1964	0.1037	35	-1.29	3%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2155	3.760	0.0600	3.987	0.1964	0.1037	35	-1.16	3%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0553	3.770	0.0600	3.987	0.1964	0.1037	35	-1.11	3%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2184	3.780	0.0200	3.987	0.1964	0.1037	35	-1.06	3%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0870	3.795	0.2377	3.987	0.1964	0.1037	35	-0.98	2%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0695	3.815	0.2100	3.987	0.1964	0.1037	35	-0.88	2%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0062	3.845	0.0390	3.987	0.1964	0.1037	35	-0.73	2%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0036	3.882	0.0042	3.987	0.1964	0.1037	35	-0.54	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2193	3.885	0.0500	3.987	0.1964	0.1037	35	-0.52	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
003.10	Fat, Crude, Randall, Pet Ether (%)	0098	3.925	0.0300	3.987	0.1964	0.1037	35	-0.32	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0263	3.928	0.0156	3.987	0.1964	0.1037	35	-0.30	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0100	3.965	0.0900	3.987	0.1964	0.1037	35	-0.11	0%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0619	3.965	0.0300	3.987	0.1964	0.1037	35	-0.11	0%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0881	3.970	0.1010	3.987	0.1964	0.1037	35	-0.09	0%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0045	3.980	0.0000	3.987	0.1964	0.1037	35	-0.04	0%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2196	3.980	0.0000	3.987	0.1964	0.1037	35	-0.04	0%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0541	3.995	0.1300	3.987	0.1964	0.1037	35	0.04	0%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0689	4.000	0.0000	3.987	0.1964	0.1037	35	0.06	0%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0651	4.016	0.0270	3.987	0.1964	0.1037	35	0.14	0%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0042	4.030	0.1000	3.987	0.1964	0.1037	35	0.22	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0897	4.040	0.0000	3.987	0.1964	0.1037	35	0.27	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2089	4.050	0.1800	3.987	0.1964	0.1037	35	0.32	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0868	4.065	0.0700	3.987	0.1964	0.1037	35	0.40	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0720	4.070	0.0400	3.987	0.1964	0.1037	35	0.42	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2009	4.091	0.0334	3.987	0.1964	0.1037	35	0.53	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0366	4.150	0.1000	3.987	0.1964	0.1037	35	0.83	2%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0148	4.160	0.0200	3.987	0.1964	0.1037	35	0.88	2%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0676	4.210	0.0200	3.987	0.1964	0.1037	35	1.13	3%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2018	4.215	0.0300	3.987	0.1964	0.1037	35	1.16	3%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0242	4.255	1.030	3.987	0.1964	0.1037	35	1.36	3%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2188	4.375	0.3100	3.987	0.1964	0.1037	35	1.97	5%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2262	4.475	0.0500	3.987	0.1964	0.1037	35	2.48	6%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0618	4.783	0.0260	3.987	0.1964	0.1037	35	4.05	10%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0889	3.010	1.840	3.987	0.1964	0.1037	35	-4.98	12%	1
003.11	Fat, Crude, NIR (%)	2128	3.561	0.1229	4.824	0.9750	0.0346	7	-1.30	13%	0
003.11	Fat, Crude, NIR (%)	0852	4.160	0.0000	4.824	0.9750	0.0346	7	-0.68	7%	0
003.11	Fat, Crude, NIR (%)	0889	4.243	0.0092	4.824	0.9750	0.0346	7	-0.60	6%	0
003.11	Fat, Crude, NIR (%)	0011	5.100	0.0000	4.824	0.9750	0.0346	7	0.28	3%	0
003.11	Fat, Crude, NIR (%)	0720	5.235	0.0500	4.824	0.9750	0.0346	7	0.42	4%	0
003.11	Fat, Crude, NIR (%)	0553	5.455	0.0500	4.824	0.9750	0.0346	7	0.65	7%	0
003.11	Fat, Crude, NIR (%)	0405	6.015	0.0100	4.824	0.9750	0.0346	7	1.22	12%	0
003.12	Fat, Crude, Hexane Ext (%)	0171	3.370	0.0000				3			0
003.12	Fat, Crude, Hexane Ext (%)	2062	3.689	0.0023				3			0
003.12	Fat, Crude, Hexane Ext (%)	2058	4.610	0.0600				3			0
003.12	Fat, Crude, Hexane Ext (%)	2199	4.850	0.7000				3			1
003.13	Fat, Crude, Randall, Hexane Ext. (%)	0098	3.995	0.2100	4.078	0.0646	0.0783	6	-1.28	1%	0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	0028	4.050	0.0000	4.078	0.0646	0.0783	6	-0.43	0%	0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	2246	4.055	0.0500	4.078	0.0646	0.0783	6	-0.36	0%	0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	2006	4.095	0.0100	4.078	0.0646	0.0783	6	0.26	0%	0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	0646	4.115	0.1700	4.078	0.0646	0.0783	6	0.57	0%	0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	0870	4.158	0.0299	4.078	0.0646	0.0783	6	1.23	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
003.14	Fat, Crude, Ankom (%)	0108	3.490	0.1000	4.018	0.2303	0.0858	41	-2.29	7%	0
003.14	Fat, Crude, Ankom (%)	0265	3.515	0.0300	4.018	0.2303	0.0858	41	-2.19	6%	0
003.14	Fat, Crude, Ankom (%)	0144	3.600	0.0600	4.018	0.2303	0.0858	41	-1.82	5%	0
003.14	Fat, Crude, Ankom (%)	0574	3.695	0.0300	4.018	0.2303	0.0858	41	-1.40	4%	0
003.14	Fat, Crude, Ankom (%)	0037	3.735	0.0300	4.018	0.2303	0.0858	41	-1.23	4%	0
003.14	Fat, Crude, Ankom (%)	0853	3.750	0.1000	4.018	0.2303	0.0858	41	-1.16	3%	0
003.14	Fat, Crude, Ankom (%)	0581	3.770	0.1000	4.018	0.2303	0.0858	41	-1.08	3%	0
003.14	Fat, Crude, Ankom (%)	0357	3.800	0.0000	4.018	0.2303	0.0858	41	-0.95	3%	0
003.14	Fat, Crude, Ankom (%)	0876	3.800	0.4000	4.018	0.2303	0.0858	41	-0.95	3%	0
003.14	Fat, Crude, Ankom (%)	0948	3.820	0.0200	4.018	0.2303	0.0858	41	-0.86	2%	0
003.14	Fat, Crude, Ankom (%)	0202	3.835	0.0390	4.018	0.2303	0.0858	41	-0.80	2%	0
003.14	Fat, Crude, Ankom (%)	0186	3.895	0.0300	4.018	0.2303	0.0858	41	-0.53	2%	0
003.14	Fat, Crude, Ankom (%)	0066	3.910	0.0800	4.018	0.2303	0.0858	41	-0.47	1%	0
003.14	Fat, Crude, Ankom (%)	2129	3.965	0.0500	4.018	0.2303	0.0858	41	-0.23	1%	0
003.14	Fat, Crude, Ankom (%)	0298	3.970	0.0200	4.018	0.2303	0.0858	41	-0.21	1%	0
003.14	Fat, Crude, Ankom (%)	0619	3.975	0.0300	4.018	0.2303	0.0858	41	-0.19	1%	0
003.14	Fat, Crude, Ankom (%)	0683	3.975	0.2700	4.018	0.2303	0.0858	41	-0.19	1%	0
003.14	Fat, Crude, Ankom (%)	0511	3.980	0.0200	4.018	0.2303	0.0858	41	-0.17	0%	0
003.14	Fat, Crude, Ankom (%)	0003	3.995	0.4100	4.018	0.2303	0.0858	41	-0.10	0%	0
003.14	Fat, Crude, Ankom (%)	0358	3.995	0.2100	4.018	0.2303	0.0858	41	-0.10	0%	0
003.14	Fat, Crude, Ankom (%)	0089	4.015	0.0300	4.018	0.2303	0.0858	41	-0.01	0%	0
003.14	Fat, Crude, Ankom (%)	0726	4.050	0.0800	4.018	0.2303	0.0858	41	0.14	0%	0
003.14	Fat, Crude, Ankom (%)	0868	4.050	0.0200	4.018	0.2303	0.0858	41	0.14	0%	0
003.14	Fat, Crude, Ankom (%)	0083	4.095	0.0300	4.018	0.2303	0.0858	41	0.33	1%	0
003.14	Fat, Crude, Ankom (%)	2076	4.107	0.0465	4.018	0.2303	0.0858	41	0.39	1%	0
003.14	Fat, Crude, Ankom (%)	0955	4.135	0.0700	4.018	0.2303	0.0858	41	0.51	1%	0
003.14	Fat, Crude, Ankom (%)	0229	4.137	0.0070	4.018	0.2303	0.0858	41	0.51	1%	0
003.14	Fat, Crude, Ankom (%)	0598	4.140	0.0000	4.018	0.2303	0.0858	41	0.53	2%	0
003.14	Fat, Crude, Ankom (%)	0278	4.150	0.1000	4.018	0.2303	0.0858	41	0.57	2%	0
003.14	Fat, Crude, Ankom (%)	0563	4.151	0.0143	4.018	0.2303	0.0858	41	0.58	2%	0
003.14	Fat, Crude, Ankom (%)	0529	4.155	0.1300	4.018	0.2303	0.0858	41	0.59	2%	0
003.14	Fat, Crude, Ankom (%)	0956	4.200	0.2000	4.018	0.2303	0.0858	41	0.79	2%	0
003.14	Fat, Crude, Ankom (%)	0407	4.210	0.0535	4.018	0.2303	0.0858	41	0.83	2%	0
003.14	Fat, Crude, Ankom (%)	0148	4.215	0.1500	4.018	0.2303	0.0858	41	0.85	2%	0
003.14	Fat, Crude, Ankom (%)	0009	4.235	0.0900	4.018	0.2303	0.0858	41	0.94	3%	0
003.14	Fat, Crude, Ankom (%)	0968	4.244	0.1810	4.018	0.2303	0.0858	41	0.98	3%	0
003.14	Fat, Crude, Ankom (%)	0682	4.260	0.0000	4.018	0.2303	0.0858	41	1.05	3%	0
003.14	Fat, Crude, Ankom (%)	0520	4.290	0.1200	4.018	0.2303	0.0858	41	1.18	3%	0
003.14	Fat, Crude, Ankom (%)	0001	4.296	0.0480	4.018	0.2303	0.0858	41	1.21	3%	0
003.14	Fat, Crude, Ankom (%)	0190	4.410	0.0400	4.018	0.2303	0.0858	41	1.70	5%	0
003.14	Fat, Crude, Ankom (%)	0175	4.500	0.0800	4.018	0.2303	0.0858	41	2.09	6%	0
003.14	Fat, Crude, Ankom (%)	0843	3.080	0.8200	4.018	0.2303	0.0858	41	-4.07	12%	1

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
003.14	Fat, Crude, Ankom (%)	0049	4.485	0.6100	4.018	0.2303	0.0858	41	2.03	6%	1
003.14	Fat, Crude, Ankom (%)	0171	7.025	0.0700	4.018	0.2303	0.0858	41	13.06	37%	2
003.99	Fat, Crude, Miscellaneous (%)	0536	4.225	0.0300				3			0
003.99	Fat, Crude, Miscellaneous (%)	0546	5.180	0.0400				3			0
003.99	Fat, Crude, Miscellaneous (%)	0941	6.155	0.0900				3			0
003.99	Fat, Crude, Miscellaneous (%)	0880	3.200	0.4000				3			1
004.00	Fiber, Crude, Asbestos Free (%)	0226	6.240	0.4000	7.096	0.6579	0.1745	12	-1.30	6%	0
004.00	Fiber, Crude, Asbestos Free (%)	0169	6.350	0.3000	7.096	0.6579	0.1745	12	-1.13	5%	0
004.00	Fiber, Crude, Asbestos Free (%)	0695	6.510	0.3600	7.096	0.6579	0.1745	12	-0.89	4%	0
004.00	Fiber, Crude, Asbestos Free (%)	0354	6.800	0.0200	7.096	0.6579	0.1745	12	-0.45	2%	0
004.00	Fiber, Crude, Asbestos Free (%)	0164	6.900	0.2000	7.096	0.6579	0.1745	12	-0.30	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	0175	6.950	0.1000	7.096	0.6579	0.1745	12	-0.22	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	0425	7.200	0.0000	7.096	0.6579	0.1745	12	0.16	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	0504	7.255	0.4900	7.096	0.6579	0.1745	12	0.24	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	2076	7.458	0.0242	7.096	0.6579	0.1745	12	0.55	3%	0
004.00	Fiber, Crude, Asbestos Free (%)	0884	7.550	0.1000	7.096	0.6579	0.1745	12	0.69	3%	0
004.00	Fiber, Crude, Asbestos Free (%)	2073	7.855	0.0900	7.096	0.6579	0.1745	12	1.15	5%	0
004.00	Fiber, Crude, Asbestos Free (%)	0171	10.07	0.0100	7.096	0.6579	0.1745	12	4.51	21%	0
004.01	Fiber, Crude, Sing Filt (%)	0366	6.400	0.6000				1			0
004.03	Fiber, Crude, Fritted Glass (%)	2089	5.170	0.0200	7.154	1.164	0.1760	5			0
004.03	Fiber, Crude, Fritted Glass (%)	0353	7.045	0.1500	7.154	1.164	0.1760	5			0
004.03	Fiber, Crude, Fritted Glass (%)	2058	7.790	0.1200	7.154	1.164	0.1760	5			0
004.03	Fiber, Crude, Fritted Glass (%)	2192	7.855	0.3900	7.154	1.164	0.1760	5			0
004.03	Fiber, Crude, Fritted Glass (%)	2246	7.910	0.2000	7.154	1.164	0.1760	5			0
004.06	Fiber, Crude, Fibertec (%)	2188	6.400	0.0000	7.154	0.5028	0.2197	19	-1.50	5%	0
004.06	Fiber, Crude, Fibertec (%)	0689	6.450	0.1000	7.154	0.5028	0.2197	19	-1.40	5%	0
004.06	Fiber, Crude, Fibertec (%)	0675	6.455	0.4300	7.154	0.5028	0.2197	19	-1.39	5%	0
004.06	Fiber, Crude, Fibertec (%)	2062	6.674	0.1031	7.154	0.5028	0.2197	19	-0.95	3%	0
004.06	Fiber, Crude, Fibertec (%)	0885	6.770	0.1971	7.154	0.5028	0.2197	19	-0.76	3%	0
004.06	Fiber, Crude, Fibertec (%)	0098	6.830	0.2600	7.154	0.5028	0.2197	19	-0.64	2%	0
004.06	Fiber, Crude, Fibertec (%)	2006	6.895	0.5700	7.154	0.5028	0.2197	19	-0.51	2%	0
004.06	Fiber, Crude, Fibertec (%)	0868	7.190	0.0800	7.154	0.5028	0.2197	19	0.07	0%	0
004.06	Fiber, Crude, Fibertec (%)	0638	7.200	0.4000	7.154	0.5028	0.2197	19	0.09	0%	0
004.06	Fiber, Crude, Fibertec (%)	0674	7.260	0.0000	7.154	0.5028	0.2197	19	0.21	1%	0
004.06	Fiber, Crude, Fibertec (%)	0881	7.350	0.5300	7.154	0.5028	0.2197	19	0.39	1%	0
004.06	Fiber, Crude, Fibertec (%)	2022	7.390	0.1400	7.154	0.5028	0.2197	19	0.47	2%	0
004.06	Fiber, Crude, Fibertec (%)	0199	7.445	0.0900	7.154	0.5028	0.2197	19	0.58	2%	0
004.06	Fiber, Crude, Fibertec (%)	0897	7.545	0.0100	7.154	0.5028	0.2197	19	0.78	3%	0
004.06	Fiber, Crude, Fibertec (%)	0948	7.565	0.2100	7.154	0.5028	0.2197	19	0.82	3%	0
004.06	Fiber, Crude, Fibertec (%)	0968	7.573	0.0540	7.154	0.5028	0.2197	19	0.83	3%	0
004.06	Fiber, Crude, Fibertec (%)	0918	7.575	0.8100	7.154	0.5028	0.2197	19	0.84	3%	0
004.06	Fiber, Crude, Fibertec (%)	0720	7.580	0.0000	7.154	0.5028	0.2197	19	0.85	3%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
004.06	Fiber, Crude, Fibertec (%)	2198	7.775	0.1900	7.154	0.5028	0.2197	19	1.24	4%	0
004.07	Fiber, Crude, ANKOM (%)	0202	5.384	0.3610	6.843	0.7071	0.1994	58	-2.06	11%	0
004.07	Fiber, Crude, ANKOM (%)	0144	5.615	0.0700	6.843	0.7071	0.1994	58	-1.74	9%	0
004.07	Fiber, Crude, ANKOM (%)	0265	5.655	0.1700	6.843	0.7071	0.1994	58	-1.68	9%	0
004.07	Fiber, Crude, ANKOM (%)	0708	5.730	0.0600	6.843	0.7071	0.1994	58	-1.57	8%	0
004.07	Fiber, Crude, ANKOM (%)	0100	5.885	0.7100	6.843	0.7071	0.1994	58	-1.36	7%	0
004.07	Fiber, Crude, ANKOM (%)	0682	6.000	0.0000	6.843	0.7071	0.1994	58	-1.19	6%	0
004.07	Fiber, Crude, ANKOM (%)	0510	6.150	0.3000	6.843	0.7071	0.1994	58	-0.98	5%	0
004.07	Fiber, Crude, ANKOM (%)	0968	6.160	0.1400	6.843	0.7071	0.1994	58	-0.97	5%	0
004.07	Fiber, Crude, ANKOM (%)	0675	6.170	0.1200	6.843	0.7071	0.1994	58	-0.95	5%	0
004.07	Fiber, Crude, ANKOM (%)	0956	6.300	0.2000	6.843	0.7071	0.1994	58	-0.77	4%	0
004.07	Fiber, Crude, ANKOM (%)	2012	6.350	0.0000	6.843	0.7071	0.1994	58	-0.70	4%	0
004.07	Fiber, Crude, ANKOM (%)	2009	6.376	0.0497	6.843	0.7071	0.1994	58	-0.66	3%	0
004.07	Fiber, Crude, ANKOM (%)	0263	6.379	0.0638	6.843	0.7071	0.1994	58	-0.66	3%	0
004.07	Fiber, Crude, ANKOM (%)	0505	6.380	0.0600	6.843	0.7071	0.1994	58	-0.66	3%	0
004.07	Fiber, Crude, ANKOM (%)	0726	6.420	0.0000	6.843	0.7071	0.1994	58	-0.60	3%	0
004.07	Fiber, Crude, ANKOM (%)	0098	6.445	0.5700	6.843	0.7071	0.1994	58	-0.56	3%	0
004.07	Fiber, Crude, ANKOM (%)	0190	6.450	0.1000	6.843	0.7071	0.1994	58	-0.56	3%	0
004.07	Fiber, Crude, ANKOM (%)	2190	6.450	0.7600	6.843	0.7071	0.1994	58	-0.56	3%	0
004.07	Fiber, Crude, ANKOM (%)	0939	6.475	0.0700	6.843	0.7071	0.1994	58	-0.52	3%	0
004.07	Fiber, Crude, ANKOM (%)	0849	6.480	0.1200	6.843	0.7071	0.1994	58	-0.51	3%	0
004.07	Fiber, Crude, ANKOM (%)	0229	6.495	0.2500	6.843	0.7071	0.1994	58	-0.49	3%	0
004.07	Fiber, Crude, ANKOM (%)	0619	6.510	0.5200	6.843	0.7071	0.1994	58	-0.47	2%	0
004.07	Fiber, Crude, ANKOM (%)	0563	6.533	0.1467	6.843	0.7071	0.1994	58	-0.44	2%	0
004.07	Fiber, Crude, ANKOM (%)	0590	6.540	0.8000	6.843	0.7071	0.1994	58	-0.43	2%	0
004.07	Fiber, Crude, ANKOM (%)	0644	6.594	0.1760	6.843	0.7071	0.1994	58	-0.35	2%	0
004.07	Fiber, Crude, ANKOM (%)	0910	6.650	0.1000	6.843	0.7071	0.1994	58	-0.27	1%	0
004.07	Fiber, Crude, ANKOM (%)	2033	6.700	0.0000	6.843	0.7071	0.1994	58	-0.20	1%	0
004.07	Fiber, Crude, ANKOM (%)	0028	6.750	0.1000	6.843	0.7071	0.1994	58	-0.13	1%	0
004.07	Fiber, Crude, ANKOM (%)	2109	6.770	0.0400	6.843	0.7071	0.1994	58	-0.10	1%	0
004.07	Fiber, Crude, ANKOM (%)	0354	6.790	0.0000	6.843	0.7071	0.1994	58	-0.08	0%	0
004.07	Fiber, Crude, ANKOM (%)	2196	6.790	0.0000	6.843	0.7071	0.1994	58	-0.08	0%	0
004.07	Fiber, Crude, ANKOM (%)	2193	6.795	0.0500	6.843	0.7071	0.1994	58	-0.07	0%	0
004.07	Fiber, Crude, ANKOM (%)	0520	6.800	0.2000	6.843	0.7071	0.1994	58	-0.06	0%	0
004.07	Fiber, Crude, ANKOM (%)	0626	6.850	0.3800	6.843	0.7071	0.1994	58	0.01	0%	0
004.07	Fiber, Crude, ANKOM (%)	0683	6.855	0.0300	6.843	0.7071	0.1994	58	0.02	0%	0
004.07	Fiber, Crude, ANKOM (%)	0083	6.880	0.1400	6.843	0.7071	0.1994	58	0.05	0%	0
004.07	Fiber, Crude, ANKOM (%)	0870	7.060	0.2637	6.843	0.7071	0.1994	58	0.31	2%	0
004.07	Fiber, Crude, ANKOM (%)	0294	7.100	0.0000	6.843	0.7071	0.1994	58	0.36	2%	0
004.07	Fiber, Crude, ANKOM (%)	0407	7.122	0.2357	6.843	0.7071	0.1994	58	0.39	2%	0
004.07	Fiber, Crude, ANKOM (%)	2188	7.195	0.0700	6.843	0.7071	0.1994	58	0.50	3%	0
004.07	Fiber, Crude, ANKOM (%)	0298	7.200	0.2000	6.843	0.7071	0.1994	58	0.50	3%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
004.07	Fiber, Crude, ANKOM (%)	0089	7.275	0.0700	6.843	0.7071	0.1994	58	0.61	3%	0
004.07	Fiber, Crude, ANKOM (%)	0300	7.305	0.0100	6.843	0.7071	0.1994	58	0.65	3%	0
004.07	Fiber, Crude, ANKOM (%)	0598	7.335	0.0100	6.843	0.7071	0.1994	58	0.70	4%	0
004.07	Fiber, Crude, ANKOM (%)	0066	7.495	0.2300	6.843	0.7071	0.1994	58	0.92	5%	0
004.07	Fiber, Crude, ANKOM (%)	0646	7.540	0.2800	6.843	0.7071	0.1994	58	0.99	5%	0
004.07	Fiber, Crude, ANKOM (%)	0876	7.550	0.9000	6.843	0.7071	0.1994	58	1.00	5%	0
004.07	Fiber, Crude, ANKOM (%)	2259	7.655	0.0130	6.843	0.7071	0.1994	58	1.15	6%	0
004.07	Fiber, Crude, ANKOM (%)	0553	7.670	0.1000	6.843	0.7071	0.1994	58	1.17	6%	0
004.07	Fiber, Crude, ANKOM (%)	0693	7.700	0.2030	6.843	0.7071	0.1994	58	1.21	6%	0
004.07	Fiber, Crude, ANKOM (%)	0948	7.710	0.3000	6.843	0.7071	0.1994	58	1.23	6%	0
004.07	Fiber, Crude, ANKOM (%)	0581	7.720	0.1200	6.843	0.7071	0.1994	58	1.24	6%	0
004.07	Fiber, Crude, ANKOM (%)	0042	7.735	0.4300	6.843	0.7071	0.1994	58	1.26	7%	0
004.07	Fiber, Crude, ANKOM (%)	0045	7.760	0.4600	6.843	0.7071	0.1994	58	1.30	7%	0
004.07	Fiber, Crude, ANKOM (%)	0034	7.775	0.4700	6.843	0.7071	0.1994	58	1.32	7%	0
004.07	Fiber, Crude, ANKOM (%)	0278	8.300	0.0000	6.843	0.7071	0.1994	58	2.06	11%	0
004.07	Fiber, Crude, ANKOM (%)	0643	8.605	0.2500	6.843	0.7071	0.1994	58	2.49	13%	0
004.07	Fiber, Crude, ANKOM (%)	0536	8.855	0.0900	6.843	0.7071	0.1994	58	2.84	15%	0
004.11	Fiber, Crude, NIR (%)	2128	2.630	0.0199	6.424	2.617	0.1899	5			0
004.11	Fiber, Crude, NIR (%)	0553	5.715	0.2100	6.424	2.617	0.1899	5			0
004.11	Fiber, Crude, NIR (%)	0405	6.330	0.0200	6.424	2.617	0.1899	5			0
004.11	Fiber, Crude, NIR (%)	0889	7.747	0.4995	6.424	2.617	0.1899	5			0
004.11	Fiber, Crude, NIR (%)	0720	9.700	0.2000	6.424	2.617	0.1899	5			0
004.99	Fiber, Crude, Miscellaneous (%)	2146	5.720	0.4000				1			0
005.00	Ash, 2h @ 600°C (%)	0643	5.730	0.1000	6.227	0.0883	0.0526	92	-5.63	4%	0
005.00	Ash, 2h @ 600°C (%)	0169	5.965	0.1100	6.227	0.0883	0.0526	92	-2.97	2%	0
005.00	Ash, 2h @ 600°C (%)	2184	5.995	0.0500	6.227	0.0883	0.0526	92	-2.63	2%	0
005.00	Ash, 2h @ 600°C (%)	0953	6.010	0.0200	6.227	0.0883	0.0526	92	-2.46	2%	0
005.00	Ash, 2h @ 600°C (%)	0853	6.050	0.1000	6.227	0.0883	0.0526	92	-2.00	1%	0
005.00	Ash, 2h @ 600°C (%)	2199	6.050	0.1000	6.227	0.0883	0.0526	92	-2.00	1%	0
005.00	Ash, 2h @ 600°C (%)	0880	6.070	0.1800	6.227	0.0883	0.0526	92	-1.78	1%	0
005.00	Ash, 2h @ 600°C (%)	0646	6.100	0.0200	6.227	0.0883	0.0526	92	-1.44	1%	0
005.00	Ash, 2h @ 600°C (%)	2033	6.100	0.0000	6.227	0.0883	0.0526	92	-1.44	1%	0
005.00	Ash, 2h @ 600°C (%)	0229	6.110	0.0200	6.227	0.0883	0.0526	92	-1.32	1%	0
005.00	Ash, 2h @ 600°C (%)	0358	6.115	0.0500	6.227	0.0883	0.0526	92	-1.27	1%	0
005.00	Ash, 2h @ 600°C (%)	0186	6.115	0.0456	6.227	0.0883	0.0526	92	-1.27	1%	0
005.00	Ash, 2h @ 600°C (%)	0049	6.125	0.0300	6.227	0.0883	0.0526	92	-1.15	1%	0
005.00	Ash, 2h @ 600°C (%)	2256	6.130	0.0400	6.227	0.0883	0.0526	92	-1.10	1%	0
005.00	Ash, 2h @ 600°C (%)	0541	6.135	0.1100	6.227	0.0883	0.0526	92	-1.04	1%	0
005.00	Ash, 2h @ 600°C (%)	0539	6.140	0.0400	6.227	0.0883	0.0526	92	-0.98	1%	0
005.00	Ash, 2h @ 600°C (%)	0574	6.150	0.1000	6.227	0.0883	0.0526	92	-0.87	1%	0
005.00	Ash, 2h @ 600°C (%)	2006	6.150	0.0400	6.227	0.0883	0.0526	92	-0.87	1%	0
005.00	Ash, 2h @ 600°C (%)	0618	6.153	0.0301	6.227	0.0883	0.0526	92	-0.84	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
005.00	Ash, 2h @ 600°C (%)	0175	6.155	0.0100	6.227	0.0883	0.0526	92	-0.82	1%	0
005.00	Ash, 2h @ 600°C (%)	0004	6.160	0.0200	6.227	0.0883	0.0526	92	-0.76	1%	0
005.00	Ash, 2h @ 600°C (%)	0278	6.160	0.0600	6.227	0.0883	0.0526	92	-0.76	1%	0
005.00	Ash, 2h @ 600°C (%)	0407	6.166	0.0107	6.227	0.0883	0.0526	92	-0.69	0%	0
005.00	Ash, 2h @ 600°C (%)	0144	6.170	0.0200	6.227	0.0883	0.0526	92	-0.65	0%	0
005.00	Ash, 2h @ 600°C (%)	0918	6.175	0.0700	6.227	0.0883	0.0526	92	-0.59	0%	0
005.00	Ash, 2h @ 600°C (%)	0354	6.185	0.0100	6.227	0.0883	0.0526	92	-0.48	0%	0
005.00	Ash, 2h @ 600°C (%)	0848	6.185	0.0300	6.227	0.0883	0.0526	92	-0.48	0%	0
005.00	Ash, 2h @ 600°C (%)	0512	6.195	0.0690	6.227	0.0883	0.0526	92	-0.37	0%	0
005.00	Ash, 2h @ 600°C (%)	0108	6.195	0.2100	6.227	0.0883	0.0526	92	-0.36	0%	0
005.00	Ash, 2h @ 600°C (%)	2089	6.195	0.0700	6.227	0.0883	0.0526	92	-0.36	0%	0
005.00	Ash, 2h @ 600°C (%)	2097	6.195	0.0083	6.227	0.0883	0.0526	92	-0.36	0%	0
005.00	Ash, 2h @ 600°C (%)	2076	6.198	0.0293	6.227	0.0883	0.0526	92	-0.33	0%	0
005.00	Ash, 2h @ 600°C (%)	0171	6.205	0.0500	6.227	0.0883	0.0526	92	-0.25	0%	0
005.00	Ash, 2h @ 600°C (%)	0650	6.205	0.0100	6.227	0.0883	0.0526	92	-0.25	0%	0
005.00	Ash, 2h @ 600°C (%)	0027	6.207	0.0260	6.227	0.0883	0.0526	92	-0.23	0%	0
005.00	Ash, 2h @ 600°C (%)	0199	6.210	0.0400	6.227	0.0883	0.0526	92	-0.19	0%	0
005.00	Ash, 2h @ 600°C (%)	2268	6.210	0.0400	6.227	0.0883	0.0526	92	-0.19	0%	0
005.00	Ash, 2h @ 600°C (%)	0035	6.215	0.0100	6.227	0.0883	0.0526	92	-0.14	0%	0
005.00	Ash, 2h @ 600°C (%)	0651	6.215	0.0000	6.227	0.0883	0.0526	92	-0.14	0%	0
005.00	Ash, 2h @ 600°C (%)	2193	6.220	0.0000	6.227	0.0883	0.0526	92	-0.08	0%	0
005.00	Ash, 2h @ 600°C (%)	0042	6.220	0.0600	6.227	0.0883	0.0526	92	-0.08	0%	0
005.00	Ash, 2h @ 600°C (%)	0164	6.220	0.0200	6.227	0.0883	0.0526	92	-0.08	0%	0
005.00	Ash, 2h @ 600°C (%)	0529	6.220	0.1400	6.227	0.0883	0.0526	92	-0.08	0%	0
005.00	Ash, 2h @ 600°C (%)	0589	6.220	0.1200	6.227	0.0883	0.0526	92	-0.08	0%	0
005.00	Ash, 2h @ 600°C (%)	0148	6.225	0.0300	6.227	0.0883	0.0526	92	-0.02	0%	0
005.00	Ash, 2h @ 600°C (%)	0520	6.225	0.0100	6.227	0.0883	0.0526	92	-0.02	0%	0
005.00	Ash, 2h @ 600°C (%)	0964	6.226	0.2430	6.227	0.0883	0.0526	92	-0.02	0%	0
005.00	Ash, 2h @ 600°C (%)	0510	6.230	0.0400	6.227	0.0883	0.0526	92	0.03	0%	0
005.00	Ash, 2h @ 600°C (%)	0511	6.230	0.0600	6.227	0.0883	0.0526	92	0.03	0%	0
005.00	Ash, 2h @ 600°C (%)	0622	6.237	0.0514	6.227	0.0883	0.0526	92	0.11	0%	0
005.00	Ash, 2h @ 600°C (%)	0142	6.240	0.0200	6.227	0.0883	0.0526	92	0.15	0%	0
005.00	Ash, 2h @ 600°C (%)	0563	6.244	0.1315	6.227	0.0883	0.0526	92	0.19	0%	0
005.00	Ash, 2h @ 600°C (%)	0001	6.250	0.0038	6.227	0.0883	0.0526	92	0.26	0%	0
005.00	Ash, 2h @ 600°C (%)	0083	6.250	0.0200	6.227	0.0883	0.0526	92	0.26	0%	0
005.00	Ash, 2h @ 600°C (%)	0265	6.250	0.1000	6.227	0.0883	0.0526	92	0.26	0%	0
005.00	Ash, 2h @ 600°C (%)	0876	6.250	0.1000	6.227	0.0883	0.0526	92	0.26	0%	0
005.00	Ash, 2h @ 600°C (%)	0956	6.250	0.1000	6.227	0.0883	0.0526	92	0.26	0%	0
005.00	Ash, 2h @ 600°C (%)	0870	6.250	0.0346	6.227	0.0883	0.0526	92	0.26	0%	0
005.00	Ash, 2h @ 600°C (%)	0881	6.251	0.0690	6.227	0.0883	0.0526	92	0.27	0%	0
005.00	Ash, 2h @ 600°C (%)	0874	6.255	0.0900	6.227	0.0883	0.0526	92	0.32	0%	0
005.00	Ash, 2h @ 600°C (%)	2188	6.255	0.0300	6.227	0.0883	0.0526	92	0.32	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
005.00	Ash, 2h @ 600°C (%)	0353	6.255	0.0500	6.227	0.0883	0.0526	92	0.32	0%	0
005.00	Ash, 2h @ 600°C (%)	0298	6.260	0.0200	6.227	0.0883	0.0526	92	0.37	0%	0
005.00	Ash, 2h @ 600°C (%)	0675	6.260	0.1000	6.227	0.0883	0.0526	92	0.37	0%	0
005.00	Ash, 2h @ 600°C (%)	0505	6.275	0.0700	6.227	0.0883	0.0526	92	0.54	0%	0
005.00	Ash, 2h @ 600°C (%)	0968	6.277	0.0270	6.227	0.0883	0.0526	92	0.56	0%	0
005.00	Ash, 2h @ 600°C (%)	0504	6.280	0.0600	6.227	0.0883	0.0526	92	0.60	0%	0
005.00	Ash, 2h @ 600°C (%)	2058	6.280	0.0200	6.227	0.0883	0.0526	92	0.60	0%	0
005.00	Ash, 2h @ 600°C (%)	0682	6.280	0.0000	6.227	0.0883	0.0526	92	0.60	0%	0
005.00	Ash, 2h @ 600°C (%)	2022	6.280	0.0000	6.227	0.0883	0.0526	92	0.60	0%	0
005.00	Ash, 2h @ 600°C (%)	2248	6.280	0.0000	6.227	0.0883	0.0526	92	0.60	0%	0
005.00	Ash, 2h @ 600°C (%)	0100	6.290	0.0600	6.227	0.0883	0.0526	92	0.71	1%	0
005.00	Ash, 2h @ 600°C (%)	0098	6.295	0.0500	6.227	0.0883	0.0526	92	0.77	1%	0
005.00	Ash, 2h @ 600°C (%)	0598	6.295	0.0300	6.227	0.0883	0.0526	92	0.77	1%	0
005.00	Ash, 2h @ 600°C (%)	2196	6.295	0.0000	6.227	0.0883	0.0526	92	0.77	1%	0
005.00	Ash, 2h @ 600°C (%)	0017	6.300	0.0000	6.227	0.0883	0.0526	92	0.83	1%	0
005.00	Ash, 2h @ 600°C (%)	0357	6.300	0.0000	6.227	0.0883	0.0526	92	0.83	1%	0
005.00	Ash, 2h @ 600°C (%)	0581	6.315	0.1100	6.227	0.0883	0.0526	92	1.00	1%	0
005.00	Ash, 2h @ 600°C (%)	2150	6.315	0.0700	6.227	0.0883	0.0526	92	1.00	1%	0
005.00	Ash, 2h @ 600°C (%)	0242	6.320	0.0400	6.227	0.0883	0.0526	92	1.05	1%	0
005.00	Ash, 2h @ 600°C (%)	0693	6.333	0.0280	6.227	0.0883	0.0526	92	1.20	1%	0
005.00	Ash, 2h @ 600°C (%)	0425	6.340	0.0200	6.227	0.0883	0.0526	92	1.28	1%	0
005.00	Ash, 2h @ 600°C (%)	2053	6.340	0.0200	6.227	0.0883	0.0526	92	1.28	1%	0
005.00	Ash, 2h @ 600°C (%)	0047	6.350	0.0200	6.227	0.0883	0.0526	92	1.39	1%	0
005.00	Ash, 2h @ 600°C (%)	0366	6.350	0.1000	6.227	0.0883	0.0526	92	1.39	1%	0
005.00	Ash, 2h @ 600°C (%)	2073	6.370	0.0000	6.227	0.0883	0.0526	92	1.62	1%	0
005.00	Ash, 2h @ 600°C (%)	0948	6.380	0.0400	6.227	0.0883	0.0526	92	1.73	1%	0
005.00	Ash, 2h @ 600°C (%)	0139	6.385	0.0300	6.227	0.0883	0.0526	92	1.79	1%	0
005.00	Ash, 2h @ 600°C (%)	0674	6.460	0.0000	6.227	0.0883	0.0526	92	2.64	2%	0
005.00	Ash, 2h @ 600°C (%)	0852	6.500	0.0000	6.227	0.0883	0.0526	92	3.09	2%	0
005.00	Ash, 2h @ 600°C (%)	0226	6.885	0.2500	6.227	0.0883	0.0526	92	7.45	5%	0
005.00	Ash, 2h @ 600°C (%)	2259	6.907	0.1730	6.227	0.0883	0.0526	92	7.70	5%	0
005.00	Ash, 2h @ 600°C (%)	0045	5.930	0.4600	6.227	0.0883	0.0526	92	-3.36	2%	1
005.00	Ash, 2h @ 600°C (%)	0034	9.279	1.040	6.227	0.0883	0.0526	92	34.56	25%	2
005.00	Ash, 2h @ 600°C (%)	0062	9.386	0.3132	6.227	0.0883	0.0526	92	35.77	25%	2
005.02	Ash, LECO (%)	0644	6.385	0.0100				1			0
005.05	Ash, 3h @ 550°C (%)	0897	6.185	0.0100	6.300	0.0807	0.0392	35	-1.42	1%	0
005.05	Ash, 3h @ 550°C (%)	0066	6.190	0.0200	6.300	0.0807	0.0392	35	-1.36	1%	0
005.05	Ash, 3h @ 550°C (%)	0726	6.195	0.0100	6.300	0.0807	0.0392	35	-1.30	1%	0
005.05	Ash, 3h @ 550°C (%)	2109	6.195	0.0500	6.300	0.0807	0.0392	35	-1.30	1%	0
005.05	Ash, 3h @ 550°C (%)	0263	6.212	0.0040	6.300	0.0807	0.0392	35	-1.09	1%	0
005.05	Ash, 3h @ 550°C (%)	0638	6.230	0.2200	6.300	0.0807	0.0392	35	-0.87	1%	0
005.05	Ash, 3h @ 550°C (%)	2012	6.230	0.0600	6.300	0.0807	0.0392	35	-0.87	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
005.05	Ash, 3h @ 550°C (%)	0003	6.250	0.0200	6.300	0.0807	0.0392	35	-0.62	0%	0
005.05	Ash, 3h @ 550°C (%)	0868	6.250	0.0000	6.300	0.0807	0.0392	35	-0.62	0%	0
005.05	Ash, 3h @ 550°C (%)	2018	6.250	0.0200	6.300	0.0807	0.0392	35	-0.62	0%	0
005.05	Ash, 3h @ 550°C (%)	0590	6.260	0.0200	6.300	0.0807	0.0392	35	-0.50	0%	0
005.05	Ash, 3h @ 550°C (%)	0849	6.260	0.0200	6.300	0.0807	0.0392	35	-0.50	0%	0
005.05	Ash, 3h @ 550°C (%)	0689	6.270	0.0200	6.300	0.0807	0.0392	35	-0.37	0%	0
005.05	Ash, 3h @ 550°C (%)	2190	6.270	0.1000	6.300	0.0807	0.0392	35	-0.37	0%	0
005.05	Ash, 3h @ 550°C (%)	0596	6.280	0.0000	6.300	0.0807	0.0392	35	-0.25	0%	0
005.05	Ash, 3h @ 550°C (%)	0885	6.282	0.0217	6.300	0.0807	0.0392	35	-0.22	0%	0
005.05	Ash, 3h @ 550°C (%)	0695	6.285	0.0100	6.300	0.0807	0.0392	35	-0.19	0%	0
005.05	Ash, 3h @ 550°C (%)	0619	6.290	0.0800	6.300	0.0807	0.0392	35	-0.12	0%	0
005.05	Ash, 3h @ 550°C (%)	0294	6.300	0.0000	6.300	0.0807	0.0392	35	0.00	0%	0
005.05	Ash, 3h @ 550°C (%)	2246	6.300	0.0400	6.300	0.0807	0.0392	35	0.00	0%	0
005.05	Ash, 3h @ 550°C (%)	2009	6.309	0.0207	6.300	0.0807	0.0392	35	0.12	0%	0
005.05	Ash, 3h @ 550°C (%)	0610	6.315	0.0100	6.300	0.0807	0.0392	35	0.19	0%	0
005.05	Ash, 3h @ 550°C (%)	2146	6.315	0.0300	6.300	0.0807	0.0392	35	0.19	0%	0
005.05	Ash, 3h @ 550°C (%)	0889	6.320	0.0059	6.300	0.0807	0.0392	35	0.25	0%	0
005.05	Ash, 3h @ 550°C (%)	0683	6.320	0.2000	6.300	0.0807	0.0392	35	0.25	0%	0
005.05	Ash, 3h @ 550°C (%)	0190	6.355	0.0900	6.300	0.0807	0.0392	35	0.68	0%	0
005.05	Ash, 3h @ 550°C (%)	2192	6.370	0.0400	6.300	0.0807	0.0392	35	0.87	1%	0
005.05	Ash, 3h @ 550°C (%)	2062	6.378	0.0005	6.300	0.0807	0.0392	35	0.96	1%	0
005.05	Ash, 3h @ 550°C (%)	0720	6.380	0.0200	6.300	0.0807	0.0392	35	0.99	1%	0
005.05	Ash, 3h @ 550°C (%)	0941	6.380	0.0400	6.300	0.0807	0.0392	35	0.99	1%	0
005.05	Ash, 3h @ 550°C (%)	0685	6.410	0.1000	6.300	0.0807	0.0392	35	1.36	1%	0
005.05	Ash, 3h @ 550°C (%)	2198	6.410	0.0000	6.300	0.0807	0.0392	35	1.36	1%	0
005.05	Ash, 3h @ 550°C (%)	2262	6.410	0.0000	6.300	0.0807	0.0392	35	1.36	1%	0
005.05	Ash, 3h @ 550°C (%)	2129	6.430	0.0800	6.300	0.0807	0.0392	35	1.61	1%	0
005.05	Ash, 3h @ 550°C (%)	0939	6.445	0.0100	6.300	0.0807	0.0392	35	1.80	1%	0
005.05	Ash, 3h @ 550°C (%)	0904	6.575	0.2500	6.300	0.0807	0.0392	35	3.41	2%	1
005.11	Ash, NIR (%)	0720	3.365	0.0100	6.551	2.380	0.1249	4			0
005.11	Ash, NIR (%)	0889	6.393	0.2292	6.551	2.380	0.1249	4			0
005.11	Ash, NIR (%)	0852	7.445	0.0900	6.551	2.380	0.1249	4			0
005.11	Ash, NIR (%)	2128	9.003	0.1704	6.551	2.380	0.1249	4			0
005.99	Ash, Miscellaneous (%)	0910	6.200	0.0000	6.267	0.0634	0.0450	8	-1.06	1%	0
005.99	Ash, Miscellaneous (%)	0546	6.210	0.0200	6.267	0.0634	0.0450	8	-0.90	0%	0
005.99	Ash, Miscellaneous (%)	0202	6.233	0.0100	6.267	0.0634	0.0450	8	-0.54	0%	0
005.99	Ash, Miscellaneous (%)	0652	6.250	0.1000	6.267	0.0634	0.0450	8	-0.27	0%	0
005.99	Ash, Miscellaneous (%)	0536	6.255	0.0700	6.267	0.0634	0.0450	8	-0.19	0%	0
005.99	Ash, Miscellaneous (%)	2251	6.315	0.0500	6.267	0.0634	0.0450	8	0.75	0%	0
005.99	Ash, Miscellaneous (%)	0676	6.325	0.0100	6.267	0.0634	0.0450	8	0.91	0%	0
005.99	Ash, Miscellaneous (%)	0884	6.350	0.1000	6.267	0.0634	0.0450	8	1.31	1%	0
005.99	Ash, Miscellaneous (%)	2081	6.560	0.9000	6.267	0.0634	0.0450	8	4.62	2%	1

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
006.00	Total Sugars, As sucrose (%)	0910	6.390	0.2400				2			0
006.00	Total Sugars, As sucrose (%)	0407	8.200	0.6060				2			0
006.99	Total Sugars, Miscellaneous (%)	0720	4.230	0.0200				2			0
006.99	Total Sugars, Miscellaneous (%)	0956	6.500	0.4000				2			0
008.02	Fiber, Acid Detergent, Crucible (%)	0504	9.420	0.5600	10.34	0.7932	0.2375	8	-1.16	4%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0098	9.485	0.2500	10.34	0.7932	0.2375	8	-1.07	4%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0353	9.825	0.2500	10.34	0.7932	0.2375	8	-0.65	2%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0148	10.42	0.3600	10.34	0.7932	0.2375	8	0.10	0%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0675	10.53	0.1200	10.34	0.7932	0.2375	8	0.24	1%	0
008.02	Fiber, Acid Detergent, Crucible (%)	2192	10.66	0.0500	10.34	0.7932	0.2375	8	0.40	2%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0948	11.08	0.2800	10.34	0.7932	0.2375	8	0.94	4%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0226	11.29	0.0300	10.34	0.7932	0.2375	8	1.19	5%	0
008.05	Fiber, Acid Detergent, Acid Detergent-Hach (%)	0265	10.35	0.5000				1			0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0956	8.300	1.400	10.14	1.064	0.4196	37	-1.73	9%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0918	8.825	0.6363	10.14	1.064	0.4196	37	-1.24	6%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0590	8.845	0.0700	10.14	1.064	0.4196	37	-1.22	6%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0049	8.990	0.7800	10.14	1.064	0.4196	37	-1.08	6%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0619	9.055	0.0500	10.14	1.064	0.4196	37	-1.02	5%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2012	9.060	0.6000	10.14	1.064	0.4196	37	-1.02	5%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2190	9.225	1.250	10.14	1.064	0.4196	37	-0.86	5%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0910	9.270	0.5400	10.14	1.064	0.4196	37	-0.82	4%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0164	9.300	0.2000	10.14	1.064	0.4196	37	-0.79	4%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0148	9.370	0.3400	10.14	1.064	0.4196	37	-0.73	4%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0939	9.500	0.7000	10.14	1.064	0.4196	37	-0.60	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0354	9.520	0.0000	10.14	1.064	0.4196	37	-0.58	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0263	9.540	0.3828	10.14	1.064	0.4196	37	-0.57	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2196	9.660	0.0000	10.14	1.064	0.4196	37	-0.45	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0407	9.860	0.9789	10.14	1.064	0.4196	37	-0.26	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0358	9.885	0.5900	10.14	1.064	0.4196	37	-0.24	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0294	9.900	0.0000	10.14	1.064	0.4196	37	-0.23	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0870	10.09	0.2489	10.14	1.064	0.4196	37	-0.05	0%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0042	10.10	0.1500	10.14	1.064	0.4196	37	-0.04	0%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0357	10.10	0.4000	10.14	1.064	0.4196	37	-0.04	0%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0510	10.20	0.2000	10.14	1.064	0.4196	37	0.05	0%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0675	10.32	0.2100	10.14	1.064	0.4196	37	0.16	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0001	10.32	0.1000	10.14	1.064	0.4196	37	0.17	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0278	10.35	0.1000	10.14	1.064	0.4196	37	0.20	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2193	10.47	0.2700	10.14	1.064	0.4196	37	0.30	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0066	10.50	0.4500	10.14	1.064	0.4196	37	0.33	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0968	10.55	0.2490	10.14	1.064	0.4196	37	0.38	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0581	10.70	0.2200	10.14	1.064	0.4196	37	0.52	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0083	10.92	0.3400	10.14	1.064	0.4196	37	0.73	4%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0726	10.97	0.0500	10.14	1.064	0.4196	37	0.77	4%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0536	11.38	0.3100	10.14	1.064	0.4196	37	1.16	6%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0190	11.45	0.5000	10.14	1.064	0.4196	37	1.23	6%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0646	11.57	0.4300	10.14	1.064	0.4196	37	1.34	7%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0693	11.95	0.4400	10.14	1.064	0.4196	37	1.70	9%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0045	12.40	0.2000	10.14	1.064	0.4196	37	2.12	11%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0948	12.48	1.730	10.14	1.064	0.4196	37	2.19	12%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0037	13.47	0.4100	10.14	1.064	0.4196	37	3.12	16%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0889	6.249	12.50	10.14	1.064	0.4196	37			4
008.99	Fiber, Acid Detergent, Miscellaneous (%)	0720	9.675	0.1300				1			0
009.04	Fiber, Neutral Detergent, Neutral Det-No ENZ Pretreat (%)	0504	21.11	0.0100				1			0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0353	21.37	0.2500	23.07	1.733	0.4350	6	-0.99	4%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0910	22.00	0.2000	23.07	1.733	0.4350	6	-0.62	2%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0226	22.48	0.6500	23.07	1.733	0.4350	6	-0.34	1%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0948	23.15	1.210	23.07	1.733	0.4350	6	0.04	0%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	2192	23.78	0.1700	23.07	1.733	0.4350	6	0.41	2%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0675	26.72	0.1300	23.07	1.733	0.4350	6	2.10	8%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0098	21.20	3.800	23.07	1.733	0.4350	6	-1.08	4%	1
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0939	19.96	0.5700	22.52	2.238	0.5172	38	-1.15	6%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	2012	20.10	0.0700	22.52	2.238	0.5172	38	-1.08	5%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0263	20.10	0.2944	22.52	2.238	0.5172	38	-1.08	5%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0278	20.20	0.6000	22.52	2.238	0.5172	38	-1.04	5%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0619	20.20	0.2000	22.52	2.238	0.5172	38	-1.04	5%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	2190	20.22	0.8000	22.52	2.238	0.5172	38	-1.03	5%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0357	20.35	1.500	22.52	2.238	0.5172	38	-0.97	5%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0598	20.39	0.3600	22.52	2.238	0.5172	38	-0.95	5%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0956	20.55	2.500	22.52	2.238	0.5172	38	-0.88	4%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0918	21.03	0.5565	22.52	2.238	0.5172	38	-0.67	3%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0358	21.13	0.0100	22.52	2.238	0.5172	38	-0.62	3%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0581	21.20	0.0100	22.52	2.238	0.5172	38	-0.59	3%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0049	21.35	1.990	22.52	2.238	0.5172	38	-0.52	3%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0164	21.35	0.1000	22.52	2.238	0.5172	38	-0.52	3%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	2193	21.47	0.1400	22.52	2.238	0.5172	38	-0.47	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0354	21.48	0.0000	22.52	2.238	0.5172	38	-0.46	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0870	21.60	0.9750	22.52	2.238	0.5172	38	-0.41	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0407	22.01	0.2923	22.52	2.238	0.5172	38	-0.23	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0001	22.04	0.5700	22.52	2.238	0.5172	38	-0.22	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0510	22.20	0.0000	22.52	2.238	0.5172	38	-0.14	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0045	22.30	0.0000	22.52	2.238	0.5172	38	-0.10	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0294	22.45	0.1000	22.52	2.238	0.5172	38	-0.03	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	2196	22.61	0.0000	22.52	2.238	0.5172	38	0.04	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0646	22.74	0.9700	22.52	2.238	0.5172	38	0.10	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0148	23.40	1.400	22.52	2.238	0.5172	38	0.39	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0638	23.50	0.2000	22.52	2.238	0.5172	38	0.44	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0948	23.63	0.4000	22.52	2.238	0.5172	38	0.50	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0083	23.72	1.060	22.52	2.238	0.5172	38	0.54	3%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0693	23.91	0.8360	22.52	2.238	0.5172	38	0.62	3%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0066	24.04	0.4000	22.52	2.238	0.5172	38	0.68	3%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0590	24.84	0.6100	22.52	2.238	0.5172	38	1.03	5%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0536	24.98	0.8700	22.52	2.238	0.5172	38	1.10	5%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0037	25.53	0.1300	22.52	2.238	0.5172	38	1.34	7%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0265	25.70	0.4000	22.52	2.238	0.5172	38	1.42	7%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0968	25.89	0.1680	22.52	2.238	0.5172	38	1.50	7%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0675	26.23	0.4300	22.52	2.238	0.5172	38	1.66	8%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0190	30.35	0.1100	22.52	2.238	0.5172	38	3.50	17%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0726	31.55	0.0300	22.52	2.238	0.5172	38	4.03	20%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0889	10.47	20.95	22.52	2.238	0.5172	38			4
009.99	Fiber, Neutral Detergent, Miscellaneous (%)	0889	22.35	0.1329				2			0
009.99	Fiber, Neutral Detergent, Miscellaneous (%)	0720	26.28	0.0900				2			0
010.03	Moisture, Karl-Fischer (%)	0164	6.495	0.0100				2			0
010.03	Moisture, Karl-Fischer (%)	0843	7.440	0.0400				2			0
010.11	Moisture, NIR (%)	0553	7.525	0.0300	8.694	1.052	0.0150	4			0
010.11	Moisture, NIR (%)	0889	8.355	0.0000	8.694	1.052	0.0150	4			0
010.11	Moisture, NIR (%)	0720	8.855	0.0100	8.694	1.052	0.0150	4			0
010.11	Moisture, NIR (%)	0852	10.04	0.0200	8.694	1.052	0.0150	4			0
010.11	Moisture, NIR (%)	2128	8.976	0.1277	8.694	1.052	0.0150	4			1
010.99	Moisture, Miscellaneous (%)	0546	6.815	0.0500	7.640	0.3822	0.1681	16	-2.16	5%	0
010.99	Moisture, Miscellaneous (%)	0726	7.220	0.0200	7.640	0.3822	0.1681	16	-1.10	3%	0
010.99	Moisture, Miscellaneous (%)	0939	7.360	0.2000	7.640	0.3822	0.1681	16	-0.73	2%	0
010.99	Moisture, Miscellaneous (%)	2129	7.400	0.6000	7.640	0.3822	0.1681	16	-0.63	2%	0
010.99	Moisture, Miscellaneous (%)	0884	7.450	0.3000	7.640	0.3822	0.1681	16	-0.50	1%	0
010.99	Moisture, Miscellaneous (%)	2089	7.460	0.0000	7.640	0.3822	0.1681	16	-0.47	1%	0
010.99	Moisture, Miscellaneous (%)	0948	7.490	0.1000	7.640	0.3822	0.1681	16	-0.39	1%	0
010.99	Moisture, Miscellaneous (%)	0652	7.500	0.4000	7.640	0.3822	0.1681	16	-0.37	1%	0
010.99	Moisture, Miscellaneous (%)	2043	7.640	0.1200	7.640	0.3822	0.1681	16	0.00	0%	0
010.99	Moisture, Miscellaneous (%)	2251	7.675	0.2900	7.640	0.3822	0.1681	16	0.09	0%	0
010.99	Moisture, Miscellaneous (%)	2150	7.735	0.1900	7.640	0.3822	0.1681	16	0.25	1%	0
010.99	Moisture, Miscellaneous (%)	2178	7.835	0.3500	7.640	0.3822	0.1681	16	0.51	1%	0
010.99	Moisture, Miscellaneous (%)	2076	7.960	0.0200	7.640	0.3822	0.1681	16	0.84	2%	0
010.99	Moisture, Miscellaneous (%)	0190	8.020	0.0200	7.640	0.3822	0.1681	16	0.99	2%	0
010.99	Moisture, Miscellaneous (%)	2248	8.820	0.0200	7.640	0.3822	0.1681	16	3.09	8%	0
010.99	Moisture, Miscellaneous (%)	0405	9.375	0.0100	7.640	0.3822	0.1681	16	4.54	11%	0
011.01	Loss on Drying, 135°C 2hr (%)	2256	7.355	0.1900	8.308	0.3403	0.0829	66	-2.80	6%	0
011.01	Loss on Drying, 135°C 2hr (%)	0685	7.590	0.2200	8.308	0.3403	0.0829	66	-2.11	4%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
011.01	Loss on Drying, 135°C 2hr (%)	0650	7.610	0.1200	8.308	0.3403	0.0829	66	-2.05	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	0536	7.615	0.0100	8.308	0.3403	0.0829	66	-2.04	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	0874	7.625	0.0700	8.308	0.3403	0.0829	66	-2.01	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	0062	7.717	0.0860	8.308	0.3403	0.0829	66	-1.74	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	0859	7.750	0.0020	8.308	0.3403	0.0829	66	-1.64	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	2168	7.765	0.2100	8.308	0.3403	0.0829	66	-1.60	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0563	7.829	0.0989	8.308	0.3403	0.0829	66	-1.41	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0539	7.880	0.0600	8.308	0.3403	0.0829	66	-1.26	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0968	7.894	0.0330	8.308	0.3403	0.0829	66	-1.22	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0953	7.940	0.0600	8.308	0.3403	0.0829	66	-1.08	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0622	8.067	0.1380	8.308	0.3403	0.0829	66	-0.71	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0646	8.070	0.2000	8.308	0.3403	0.0829	66	-0.70	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	2198	8.075	0.0100	8.308	0.3403	0.0829	66	-0.68	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0510	8.100	0.0000	8.308	0.3403	0.0829	66	-0.61	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0425	8.125	0.0500	8.308	0.3403	0.0829	66	-0.54	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	2033	8.145	0.0100	8.308	0.3403	0.0829	66	-0.48	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0598	8.165	0.0100	8.308	0.3403	0.0829	66	-0.42	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0407	8.167	0.0181	8.308	0.3403	0.0829	66	-0.41	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	2073	8.170	0.0200	8.308	0.3403	0.0829	66	-0.41	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0098	8.200	0.0800	8.308	0.3403	0.0829	66	-0.32	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0881	8.207	0.1600	8.308	0.3403	0.0829	66	-0.30	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	2268	8.240	0.1000	8.308	0.3403	0.0829	66	-0.20	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0164	8.245	0.1100	8.308	0.3403	0.0829	66	-0.19	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0047	8.270	0.3400	8.308	0.3403	0.0829	66	-0.11	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0354	8.290	0.0200	8.308	0.3403	0.0829	66	-0.05	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	2188	8.290	0.1200	8.308	0.3403	0.0829	66	-0.05	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0265	8.300	0.0000	8.308	0.3403	0.0829	66	-0.02	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0294	8.300	0.0000	8.308	0.3403	0.0829	66	-0.02	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0263	8.325	0.0100	8.308	0.3403	0.0829	66	0.05	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0108	8.330	0.0000	8.308	0.3403	0.0829	66	0.06	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0242	8.340	0.0800	8.308	0.3403	0.0829	66	0.09	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0171	8.345	0.0700	8.308	0.3403	0.0829	66	0.11	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0226	8.350	0.0000	8.308	0.3403	0.0829	66	0.12	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	2184	8.350	0.0400	8.308	0.3403	0.0829	66	0.12	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	2006	8.370	0.0600	8.308	0.3403	0.0829	66	0.18	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0880	8.375	0.3300	8.308	0.3403	0.0829	66	0.20	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0229	8.394	0.0260	8.308	0.3403	0.0829	66	0.25	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0870	8.394	0.0674	8.308	0.3403	0.0829	66	0.25	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0144	8.405	0.0100	8.308	0.3403	0.0829	66	0.28	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0298	8.420	0.0200	8.308	0.3403	0.0829	66	0.33	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0511	8.420	0.1400	8.308	0.3403	0.0829	66	0.33	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0574	8.430	0.0400	8.308	0.3403	0.0829	66	0.36	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
011.01	Loss on Drying, 135°C 2hr (%)	2196	8.430	0.0000	8.308	0.3403	0.0829	66	0.36	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	2022	8.440	0.0800	8.308	0.3403	0.0829	66	0.39	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	2193	8.450	0.0800	8.308	0.3403	0.0829	66	0.42	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0843	8.460	0.0200	8.308	0.3403	0.0829	66	0.45	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0100	8.480	0.0800	8.308	0.3403	0.0829	66	0.51	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0175	8.500	0.2000	8.308	0.3403	0.0829	66	0.56	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0674	8.520	0.0000	8.308	0.3403	0.0829	66	0.62	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0682	8.540	0.0000	8.308	0.3403	0.0829	66	0.68	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0541	8.565	0.4300	8.308	0.3403	0.0829	66	0.76	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0004	8.595	0.0300	8.308	0.3403	0.0829	66	0.84	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	2097	8.605	0.0100	8.308	0.3403	0.0829	66	0.87	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0675	8.615	0.0900	8.308	0.3403	0.0829	66	0.90	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	2031	8.630	0.0296	8.308	0.3403	0.0829	66	0.95	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0643	8.650	0.3000	8.308	0.3403	0.0829	66	1.00	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0589	8.680	0.1200	8.308	0.3403	0.0829	66	1.09	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0202	8.756	0.1670	8.308	0.3403	0.0829	66	1.31	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0066	8.765	0.1300	8.308	0.3403	0.0829	66	1.34	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	2058	8.780	0.0600	8.308	0.3403	0.0829	66	1.39	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0520	8.900	0.0000	8.308	0.3403	0.0829	66	1.74	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	0651	8.924	0.1330	8.308	0.3403	0.0829	66	1.81	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	0618	8.975	0.0100	8.308	0.3403	0.0829	66	1.96	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	0358	9.000	0.0600	8.308	0.3403	0.0829	66	2.03	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	0553	8.095	0.6500	8.308	0.3403	0.0829	66	-0.63	1%	1
011.02	Loss on Drying, 130°C for 2 hours (%)	0942	7.890	0.3600				1			0
011.99	Loss on Drying, High Temp. Methods Miscellaneous (%)	0857	8.200	0.0000				2			0
011.99	Loss on Drying, High Temp. Methods Miscellaneous (%)	0852	9.220	0.0800				2			0
012.00	Starch, Polarimetric (Ewers) (%)	0164	11.80	0.2000	12.84	0.8003	0.1341	16	-1.30	4%	0
012.00	Starch, Polarimetric (Ewers) (%)	2188	11.89	0.3800	12.84	0.8003	0.1341	16	-1.19	4%	0
012.00	Starch, Polarimetric (Ewers) (%)	0610	11.90	0.0000	12.84	0.8003	0.1341	16	-1.18	4%	0
012.00	Starch, Polarimetric (Ewers) (%)	2009	12.21	0.0255	12.84	0.8003	0.1341	16	-0.79	2%	0
012.00	Starch, Polarimetric (Ewers) (%)	2006	12.25	0.0100	12.84	0.8003	0.1341	16	-0.75	2%	0
012.00	Starch, Polarimetric (Ewers) (%)	0619	12.30	0.0000	12.84	0.8003	0.1341	16	-0.68	2%	0
012.00	Starch, Polarimetric (Ewers) (%)	2196	12.72	0.0000	12.84	0.8003	0.1341	16	-0.15	0%	0
012.00	Starch, Polarimetric (Ewers) (%)	0689	12.90	0.2000	12.84	0.8003	0.1341	16	0.07	0%	0
012.00	Starch, Polarimetric (Ewers) (%)	2193	13.12	0.1200	12.84	0.8003	0.1341	16	0.35	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0354	13.14	0.2400	12.84	0.8003	0.1341	16	0.37	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0939	13.27	0.1100	12.84	0.8003	0.1341	16	0.53	2%	0
012.00	Starch, Polarimetric (Ewers) (%)	0910	13.30	0.4000	12.84	0.8003	0.1341	16	0.57	2%	0
012.00	Starch, Polarimetric (Ewers) (%)	2192	13.43	0.0900	12.84	0.8003	0.1341	16	0.73	2%	0
012.00	Starch, Polarimetric (Ewers) (%)	0941	13.48	0.2200	12.84	0.8003	0.1341	16	0.80	2%	0
012.00	Starch, Polarimetric (Ewers) (%)	0683	13.73	0.1500	12.84	0.8003	0.1341	16	1.10	3%	0
012.00	Starch, Polarimetric (Ewers) (%)	0638	15.20	0.0000	12.84	0.8003	0.1341	16	2.95	9%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0918	6.417	0.4800	10.60	2.427	0.4783	10	-1.72	20%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0164	8.500	0.6000	10.60	2.427	0.4783	10	-0.87	10%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0870	9.752	0.2115	10.60	2.427	0.4783	10	-0.35	4%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0676	10.03	0.0400	10.60	2.427	0.4783	10	-0.24	3%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0956	10.15	0.1000	10.60	2.427	0.4783	10	-0.19	2%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0148	10.24	0.4000	10.60	2.427	0.4783	10	-0.15	2%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0045	10.50	0.8000	10.60	2.427	0.4783	10	-0.04	0%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0693	12.83	1.501	10.60	2.427	0.4783	10	0.92	11%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0265	13.45	0.3000	10.60	2.427	0.4783	10	1.17	13%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	2089	13.62	0.3500	10.60	2.427	0.4783	10	1.24	14%	0
012.03	Starch, Enzymatic-Colorimetric Method, Miscellaneous (%)	0098	10.90	0.0000				3			0
012.03	Starch, Enzymatic-Colorimetric Method, Miscellaneous (%)	0066	11.23	0.1400				3			0
012.03	Starch, Enzymatic-Colorimetric Method, Miscellaneous (%)	0889	12.03	0.0163				3			0
012.03	Starch, Enzymatic-Colorimetric Method, Miscellaneous (%)	0407	10.44	0.5638				3			1
012.04	Starch, Enzymatic-Enzyme Membrane Technology (YSI) (%)	0278	9.500	0.2000	10.08	0.6831	0.2650	4			0
012.04	Starch, Enzymatic-Enzyme Membrane Technology (YSI) (%)	0510	9.500	0.4000	10.08	0.6831	0.2650	4			0
012.04	Starch, Enzymatic-Enzyme Membrane Technology (YSI) (%)	0353	10.50	0.0700	10.08	0.6831	0.2650	4			0
012.04	Starch, Enzymatic-Enzyme Membrane Technology (YSI) (%)	0948	10.83	0.3900	10.08	0.6831	0.2650	4			0
012.11	Starch, NIR (%)	0889	11.94	0.4995				3			0
012.11	Starch, NIR (%)	2128	13.30	0.3350				3			0
012.11	Starch, NIR (%)	0720	14.36	0.0400				3			0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0504	1.635	0.0500	6.424	0.7160	0.1602	17	-6.69	37%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0083	5.165	0.0100	6.424	0.7160	0.1602	17	-1.76	10%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0689	5.700	0.0000	6.424	0.7160	0.1602	17	-1.01	6%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0618	5.817	0.3156	6.424	0.7160	0.1602	17	-0.85	5%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	2073	5.880	0.0200	6.424	0.7160	0.1602	17	-0.76	4%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0884	6.300	0.2000	6.424	0.7160	0.1602	17	-0.17	1%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0242	6.320	0.1600	6.424	0.7160	0.1602	17	-0.15	1%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0229	6.325	0.1100	6.424	0.7160	0.1602	17	-0.14	1%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0910	6.530	0.2800	6.424	0.7160	0.1602	17	0.15	1%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0948	6.585	0.0700	6.424	0.7160	0.1602	17	0.22	1%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0652	6.650	0.1000	6.424	0.7160	0.1602	17	0.32	2%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	2076	6.744	0.4884	6.424	0.7160	0.1602	17	0.45	2%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0541	6.900	0.0400	6.424	0.7160	0.1602	17	0.66	4%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0035	6.935	0.0700	6.424	0.7160	0.1602	17	0.71	4%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0139	7.245	0.0700	6.424	0.7160	0.1602	17	1.15	6%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0202	7.287	0.4200	6.424	0.7160	0.1602	17	1.21	7%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	2150	7.290	0.3200	6.424	0.7160	0.1602	17	1.21	7%	0
013.02	Fat, Acid Pretreat, Mojonniier, Bak Ext (%)	0407	5.827	0.0455	6.897	0.5206	0.2184	21	-2.05	8%	0
013.02	Fat, Acid Pretreat, Mojonniier, Bak Ext (%)	0853	5.975	0.6300	6.897	0.5206	0.2184	21	-1.77	7%	0
013.02	Fat, Acid Pretreat, Mojonniier, Bak Ext (%)	0650	6.300	0.6000	6.897	0.5206	0.2184	21	-1.15	4%	0
013.02	Fat, Acid Pretreat, Mojonniier, Bak Ext (%)	0171	6.460	0.0600	6.897	0.5206	0.2184	21	-0.84	3%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0874	6.610	0.0400	6.897	0.5206	0.2184	21	-0.55	2%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0870	6.627	0.3907	6.897	0.5206	0.2184	21	-0.52	2%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0354	6.670	0.2000	6.897	0.5206	0.2184	21	-0.44	2%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0098	6.710	0.4200	6.897	0.5206	0.2184	21	-0.36	1%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	2259	6.714	0.3610	6.897	0.5206	0.2184	21	-0.35	1%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0148	6.755	0.3300	6.897	0.5206	0.2184	21	-0.27	1%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0004	6.855	0.6700	6.897	0.5206	0.2184	21	-0.08	0%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0100	6.935	0.2500	6.897	0.5206	0.2184	21	0.07	0%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0074	6.935	0.0100	6.897	0.5206	0.2184	21	0.07	0%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0017	7.100	0.0000	6.897	0.5206	0.2184	21	0.39	1%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0921	7.105	0.0100	6.897	0.5206	0.2184	21	0.40	2%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0553	7.325	0.0100	6.897	0.5206	0.2184	21	0.82	3%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0682	7.340	0.0000	6.897	0.5206	0.2184	21	0.85	3%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0164	7.425	0.0700	6.897	0.5206	0.2184	21	1.01	4%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0675	7.520	0.0200	6.897	0.5206	0.2184	21	1.20	5%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0425	7.535	0.0500	6.897	0.5206	0.2184	21	1.23	5%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0676	7.830	0.4200	6.897	0.5206	0.2184	21	1.79	7%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0643	8.540	2.700	6.897	0.5206	0.2184	21	3.16	12%	1
013.08	Fat, Base Pretreat, Roese-Gottlieb Modified (%)	0618	4.668	0.1127				1			0
013.10	Fat, Acid Pretreat, Soxtec-Acid Hydrolysis (%)	0036	3.760	0.0906	5.259	1.281	0.1558	7	-1.17	14%	0
013.10	Fat, Acid Pretreat, Soxtec-Acid Hydrolysis (%)	0720	4.145	0.0300	5.259	1.281	0.1558	7	-0.87	11%	0
013.10	Fat, Acid Pretreat, Soxtec-Acid Hydrolysis (%)	0353	4.350	0.4000	5.259	1.281	0.1558	7	-0.71	9%	0
013.10	Fat, Acid Pretreat, Soxtec-Acid Hydrolysis (%)	0939	5.775	0.1300	5.259	1.281	0.1558	7	0.40	5%	0
013.10	Fat, Acid Pretreat, Soxtec-Acid Hydrolysis (%)	0638	6.050	0.1000	5.259	1.281	0.1558	7	0.62	8%	0
013.10	Fat, Acid Pretreat, Soxtec-Acid Hydrolysis (%)	2196	6.350	0.0000	5.259	1.281	0.1558	7	0.85	10%	0
013.10	Fat, Acid Pretreat, Soxtec-Acid Hydrolysis (%)	0610	6.380	0.3400	5.259	1.281	0.1558	7	0.88	11%	0
013.12	Fat, Acid Pretreat, NIR- Acid Hydrolysis (%)	2128	9.228	0.0274				1			0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0505	5.825	0.2300	7.269	0.8943	0.1822	10	-1.61	10%	0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0581	6.430	0.2200	7.269	0.8943	0.1822	10	-0.94	6%	0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0843	6.805	0.2500	7.269	0.8943	0.1822	10	-0.52	3%	0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0904	6.905	0.0300	7.269	0.8943	0.1822	10	-0.41	3%	0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0015	7.155	0.1300	7.269	0.8943	0.1822	10	-0.13	1%	0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0035	7.430	0.1800	7.269	0.8943	0.1822	10	0.18	1%	0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0955	7.510	0.0400	7.269	0.8943	0.1822	10	0.27	2%	0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0407	7.845	0.2920	7.269	0.8943	0.1822	10	0.64	4%	0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0034	8.260	0.3200	7.269	0.8943	0.1822	10	1.11	7%	0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0265	8.425	0.1300	7.269	0.8943	0.1822	10	1.29	8%	0
015.41	Aluminum, ICP, Dry ash (mg / kg (ppm))	0049	140.9	4.330	152.6	10.10	4.911	5			0
015.41	Aluminum, ICP, Dry ash (mg / kg (ppm))	0171	147.7	0.1500	152.6	10.10	4.911	5			0
015.41	Aluminum, ICP, Dry ash (mg / kg (ppm))	0407	149.4	2.074	152.6	10.10	4.911	5			0
015.41	Aluminum, ICP, Dry ash (mg / kg (ppm))	0164	158.0	4.000	152.6	10.10	4.911	5			0
015.41	Aluminum, ICP, Dry ash (mg / kg (ppm))	0520	167.0	14.00	152.6	10.10	4.911	5			0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
015.42	Aluminum, ICP, Open vessel (mg / kg (ppm))	0560	157.6	12.30				1			0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0510	138.0	2.000	152.7	17.37	2.891	6	-0.85	5%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0918	139.7	3.391	152.7	17.37	2.891	6	-0.75	4%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0425	143.9	2.217	152.7	17.37	2.891	6	-0.51	3%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0169	153.0	4.000	152.7	17.37	2.891	6	0.02	0%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0353	165.5	1.000	152.7	17.37	2.891	6	0.74	4%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0964	176.1	4.735	152.7	17.37	2.891	6	1.35	8%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0407	147.7	24.03	152.7	17.37	2.891	6	-0.29	2%	1
015.52	Aluminum, ICP-MS, Open vessel (mg / kg (ppm))	0186	100.5	4.774				1			0
015.53	Aluminum, ICP-MS, Microwave (mg / kg (ppm))	0553	172.5	1.000				1			0
017.41	Boron, ICP, Dry ash (mg / kg (ppm))	0171	13.25	0.7000	15.45	2.587	0.2487	6	-0.85	7%	0
017.41	Boron, ICP, Dry ash (mg / kg (ppm))	0358	13.53	0.0800	15.45	2.587	0.2487	6	-0.74	6%	0
017.41	Boron, ICP, Dry ash (mg / kg (ppm))	0229	13.88	0.2400	15.45	2.587	0.2487	6	-0.61	5%	0
017.41	Boron, ICP, Dry ash (mg / kg (ppm))	0049	15.88	0.1900	15.45	2.587	0.2487	6	0.16	1%	0
017.41	Boron, ICP, Dry ash (mg / kg (ppm))	0407	17.45	0.0322	15.45	2.587	0.2487	6	0.77	6%	0
017.41	Boron, ICP, Dry ash (mg / kg (ppm))	0226	18.75	0.2500	15.45	2.587	0.2487	6	1.27	11%	0
017.42	Boron, ICP, Open vessel (mg / kg (ppm))	0405	16.20	2.410	18.53	1.399	0.8414	5			0
017.42	Boron, ICP, Open vessel (mg / kg (ppm))	0693	18.62	0.5970	18.53	1.399	0.8414	5			0
017.42	Boron, ICP, Open vessel (mg / kg (ppm))	0045	18.70	0.0000	18.53	1.399	0.8414	5			0
017.42	Boron, ICP, Open vessel (mg / kg (ppm))	0294	19.27	0.0600	18.53	1.399	0.8414	5			0
017.42	Boron, ICP, Open vessel (mg / kg (ppm))	0560	19.87	1.140	18.53	1.399	0.8414	5			0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0918	18.50	0.0100	19.39	1.088	0.3624	5			0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0353	18.50	1.000	19.39	1.088	0.3624	5			0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0407	18.97	0.6020	19.39	1.088	0.3624	5			0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0510	20.00	0.0000	19.39	1.088	0.3624	5			0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0083	21.00	0.2000	19.39	1.088	0.3624	5			0
017.44	Boron, ICP, Dry ash (mg / kg (ppm))	0405	17.92	3.200				1			0
019.00	Calcium, Ox-Mn04 Vol. (%)	2022	0.3350	0.0100	0.4198	0.0726	0.0114	8	-1.17	10%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0897	0.3450	0.0100	0.4198	0.0726	0.0114	8	-1.03	9%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0881	0.3895	0.0050	0.4198	0.0726	0.0114	8	-0.42	4%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2062	0.4086	0.0141	0.4198	0.0726	0.0114	8	-0.16	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0651	0.4455	0.0010	0.4198	0.0726	0.0114	8	0.35	3%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2109	0.4465	0.0230	0.4198	0.0726	0.0114	8	0.37	3%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0683	0.4600	0.0000	0.4198	0.0726	0.0114	8	0.55	5%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2006	0.6790	0.0280	0.4198	0.0726	0.0114	8	3.57	31%	0
019.02	Calcium, Hach Method (%)	2128	0.5470	0.0020				2			0
019.02	Calcium, Hach Method (%)	0536	2.100	0.1600				2			0
019.03	Calcium, Semiauto (Autoanalyzer) (%)	0036	0.5053	0.0097				1			0
019.08	Calcium, EDTA (%)	0885	0.3672	0.0062	0.4609	0.0836	0.0164	10	-1.12	10%	0
019.08	Calcium, EDTA (%)	2196	0.4080	0.0000	0.4609	0.0836	0.0164	10	-0.63	6%	0
019.08	Calcium, EDTA (%)	0590	0.4100	0.0200	0.4609	0.0836	0.0164	10	-0.61	6%	0
019.08	Calcium, EDTA (%)	2193	0.4280	0.0040	0.4609	0.0836	0.0164	10	-0.39	4%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
019.08	Calcium, EDTA (%)	2190	0.4308	0.0202	0.4609	0.0836	0.0164	10	-0.36	3%	0
019.08	Calcium, EDTA (%)	0689	0.4350	0.0300	0.4609	0.0836	0.0164	10	-0.31	3%	0
019.08	Calcium, EDTA (%)	0849	0.4775	0.0150	0.4609	0.0836	0.0164	10	0.20	2%	0
019.08	Calcium, EDTA (%)	2188	0.4800	0.0200	0.4609	0.0836	0.0164	10	0.23	2%	0
019.08	Calcium, EDTA (%)	0852	1.000	0.0000	0.4609	0.0836	0.0164	10	6.44	58%	0
019.08	Calcium, EDTA (%)	2031	2.588	0.0489	0.4609	0.0836	0.0164	10	25.43	231%	0
019.31	Calcium, AAS, Dry ash (%)	0175	0.3550	0.0100	0.4140	0.0287	0.0139	22	-2.06	7%	0
019.31	Calcium, AAS, Dry ash (%)	2022	0.3550	0.0100	0.4140	0.0287	0.0139	22	-2.06	7%	0
019.31	Calcium, AAS, Dry ash (%)	2248	0.3710	0.0020	0.4140	0.0287	0.0139	22	-1.50	5%	0
019.31	Calcium, AAS, Dry ash (%)	0563	0.3926	0.0088	0.4140	0.0287	0.0139	22	-0.75	3%	0
019.31	Calcium, AAS, Dry ash (%)	0536	0.3950	0.0100	0.4140	0.0287	0.0139	22	-0.66	2%	0
019.31	Calcium, AAS, Dry ash (%)	0948	0.3980	0.0180	0.4140	0.0287	0.0139	22	-0.56	2%	0
019.31	Calcium, AAS, Dry ash (%)	0674	0.4000	0.0000	0.4140	0.0287	0.0139	22	-0.49	2%	0
019.31	Calcium, AAS, Dry ash (%)	0904	0.4050	0.0100	0.4140	0.0287	0.0139	22	-0.31	1%	0
019.31	Calcium, AAS, Dry ash (%)	2196	0.4100	0.0000	0.4140	0.0287	0.0139	22	-0.14	0%	0
019.31	Calcium, AAS, Dry ash (%)	2246	0.4100	0.0000	0.4140	0.0287	0.0139	22	-0.14	0%	0
019.31	Calcium, AAS, Dry ash (%)	0874	0.4105	0.0010	0.4140	0.0287	0.0139	22	-0.12	0%	0
019.31	Calcium, AAS, Dry ash (%)	0108	0.4150	0.0300	0.4140	0.0287	0.0139	22	0.03	0%	0
019.31	Calcium, AAS, Dry ash (%)	0038	0.4185	0.0202	0.4140	0.0287	0.0139	22	0.16	1%	0
019.31	Calcium, AAS, Dry ash (%)	0884	0.4200	0.0400	0.4140	0.0287	0.0139	22	0.21	1%	0
019.31	Calcium, AAS, Dry ash (%)	2018	0.4250	0.0100	0.4140	0.0287	0.0139	22	0.38	1%	0
019.31	Calcium, AAS, Dry ash (%)	0868	0.4300	0.0200	0.4140	0.0287	0.0139	22	0.56	2%	0
019.31	Calcium, AAS, Dry ash (%)	0939	0.4350	0.0100	0.4140	0.0287	0.0139	22	0.73	3%	0
019.31	Calcium, AAS, Dry ash (%)	2198	0.4350	0.0100	0.4140	0.0287	0.0139	22	0.73	3%	0
019.31	Calcium, AAS, Dry ash (%)	2097	0.4377	0.0018	0.4140	0.0287	0.0139	22	0.82	3%	0
019.31	Calcium, AAS, Dry ash (%)	0622	0.4444	0.0634	0.4140	0.0287	0.0139	22	1.06	4%	0
019.31	Calcium, AAS, Dry ash (%)	0529	0.4650	0.0100	0.4140	0.0287	0.0139	22	1.77	6%	0
019.31	Calcium, AAS, Dry ash (%)	0142	0.4663	0.0196	0.4140	0.0287	0.0139	22	1.82	6%	0
019.31	Calcium, AAS, Dry ash (%)	0687	0.4000	0.1000	0.4140	0.0287	0.0139	22	-0.49	2%	1
019.32	Calcium, AAS, Open vessel (%)	0169	0.3850	0.0100				1			0
019.41	Calcium, ICP, Dry ash (%)	0144	0.3600	0.0000	0.4144	0.0244	0.0109	25	-2.23	7%	0
019.41	Calcium, ICP, Dry ash (%)	0171	0.3800	0.0000	0.4144	0.0244	0.0109	25	-1.41	4%	0
019.41	Calcium, ICP, Dry ash (%)	0229	0.3870	0.0060	0.4144	0.0244	0.0109	25	-1.12	3%	0
019.41	Calcium, ICP, Dry ash (%)	2259	0.3880	0.0220	0.4144	0.0244	0.0109	25	-1.08	3%	0
019.41	Calcium, ICP, Dry ash (%)	0049	0.4000	0.0000	0.4144	0.0244	0.0109	25	-0.59	2%	0
019.41	Calcium, ICP, Dry ash (%)	0298	0.4000	0.0200	0.4144	0.0244	0.0109	25	-0.59	2%	0
019.41	Calcium, ICP, Dry ash (%)	0358	0.4000	0.0200	0.4144	0.0244	0.0109	25	-0.59	2%	0
019.41	Calcium, ICP, Dry ash (%)	0405	0.4010	0.0260	0.4144	0.0244	0.0109	25	-0.55	2%	0
019.41	Calcium, ICP, Dry ash (%)	0148	0.4050	0.0100	0.4144	0.0244	0.0109	25	-0.38	1%	0
019.41	Calcium, ICP, Dry ash (%)	0511	0.4050	0.0300	0.4144	0.0244	0.0109	25	-0.38	1%	0
019.41	Calcium, ICP, Dry ash (%)	0164	0.4080	0.0060	0.4144	0.0244	0.0109	25	-0.26	1%	0
019.41	Calcium, ICP, Dry ash (%)	2012	0.4100	0.0000	0.4144	0.0244	0.0109	25	-0.18	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
019.41	Calcium, ICP, Dry ash (%)	0074	0.4100	0.0120	0.4144	0.0244	0.0109	25	-0.18	1%	0
019.41	Calcium, ICP, Dry ash (%)	0520	0.4100	0.0200	0.4144	0.0244	0.0109	25	-0.18	1%	0
019.41	Calcium, ICP, Dry ash (%)	0139	0.4150	0.0020	0.4144	0.0244	0.0109	25	0.03	0%	0
019.41	Calcium, ICP, Dry ash (%)	0098	0.4200	0.0000	0.4144	0.0244	0.0109	25	0.23	1%	0
019.41	Calcium, ICP, Dry ash (%)	0407	0.4222	0.0025	0.4144	0.0244	0.0109	25	0.32	1%	0
019.41	Calcium, ICP, Dry ash (%)	0003	0.4250	0.0300	0.4144	0.0244	0.0109	25	0.43	1%	0
019.41	Calcium, ICP, Dry ash (%)	0226	0.4300	0.0000	0.4144	0.0244	0.0109	25	0.64	2%	0
019.41	Calcium, ICP, Dry ash (%)	0598	0.4336	0.0010	0.4144	0.0244	0.0109	25	0.79	2%	0
019.41	Calcium, ICP, Dry ash (%)	0619	0.4400	0.0160	0.4144	0.0244	0.0109	25	1.05	3%	0
019.41	Calcium, ICP, Dry ash (%)	0910	0.4400	0.0200	0.4144	0.0244	0.0109	25	1.05	3%	0
019.41	Calcium, ICP, Dry ash (%)	0720	0.4500	0.0000	0.4144	0.0244	0.0109	25	1.46	4%	0
019.41	Calcium, ICP, Dry ash (%)	0354	0.5050	0.0100	0.4144	0.0244	0.0109	25	3.71	11%	0
019.41	Calcium, ICP, Dry ash (%)	0685	0.5300	0.0200	0.4144	0.0244	0.0109	25	4.74	14%	0
019.42	Calcium, ICP, Open vessel (%)	0294	0.3450	0.0100	0.4215	0.0352	0.0142	19	-2.17	9%	0
019.42	Calcium, ICP, Open vessel (%)	0265	0.3900	0.0000	0.4215	0.0352	0.0142	19	-0.89	4%	0
019.42	Calcium, ICP, Open vessel (%)	2259	0.3980	0.0120	0.4215	0.0352	0.0142	19	-0.67	3%	0
019.42	Calcium, ICP, Open vessel (%)	0357	0.3989	0.0015	0.4215	0.0352	0.0142	19	-0.64	3%	0
019.42	Calcium, ICP, Open vessel (%)	0366	0.4000	0.0400	0.4215	0.0352	0.0142	19	-0.61	3%	0
019.42	Calcium, ICP, Open vessel (%)	0042	0.4010	0.0060	0.4215	0.0352	0.0142	19	-0.58	2%	0
019.42	Calcium, ICP, Open vessel (%)	2129	0.4045	0.0230	0.4215	0.0352	0.0142	19	-0.48	2%	0
019.42	Calcium, ICP, Open vessel (%)	0045	0.4055	0.0130	0.4215	0.0352	0.0142	19	-0.45	2%	0
019.42	Calcium, ICP, Open vessel (%)	0560	0.4068	0.0129	0.4215	0.0352	0.0142	19	-0.42	2%	0
019.42	Calcium, ICP, Open vessel (%)	0263	0.4099	0.0074	0.4215	0.0352	0.0142	19	-0.33	1%	0
019.42	Calcium, ICP, Open vessel (%)	0693	0.4105	0.0090	0.4215	0.0352	0.0142	19	-0.31	1%	0
019.42	Calcium, ICP, Open vessel (%)	0035	0.4150	0.0100	0.4215	0.0352	0.0142	19	-0.18	1%	0
019.42	Calcium, ICP, Open vessel (%)	0870	0.4299	0.0137	0.4215	0.0352	0.0142	19	0.24	1%	0
019.42	Calcium, ICP, Open vessel (%)	0186	0.4442	0.0193	0.4215	0.0352	0.0142	19	0.64	3%	0
019.42	Calcium, ICP, Open vessel (%)	0037	0.4520	0.0080	0.4215	0.0352	0.0142	19	0.87	4%	0
019.42	Calcium, ICP, Open vessel (%)	0278	0.4550	0.0500	0.4215	0.0352	0.0142	19	0.95	4%	0
019.42	Calcium, ICP, Open vessel (%)	0190	0.4700	0.0200	0.4215	0.0352	0.0142	19	1.38	6%	0
019.42	Calcium, ICP, Open vessel (%)	0726	0.4760	0.0018	0.4215	0.0352	0.0142	19	1.55	6%	0
019.42	Calcium, ICP, Open vessel (%)	0405	0.6230	0.0120	0.4215	0.0352	0.0142	19	5.72	24%	0
019.43	Calcium, ICP, Microwave (%)	0038	0.3655	0.0050	0.4243	0.0319	0.0112	20	-1.84	7%	0
019.43	Calcium, ICP, Microwave (%)	0083	0.3900	0.0000	0.4243	0.0319	0.0112	20	-1.07	4%	0
019.43	Calcium, ICP, Microwave (%)	0610	0.3900	0.0000	0.4243	0.0319	0.0112	20	-1.07	4%	0
019.43	Calcium, ICP, Microwave (%)	0017	0.3945	0.0330	0.4243	0.0319	0.0112	20	-0.93	4%	0
019.43	Calcium, ICP, Microwave (%)	0918	0.3945	0.0010	0.4243	0.0319	0.0112	20	-0.93	4%	0
019.43	Calcium, ICP, Microwave (%)	0425	0.4000	0.0020	0.4243	0.0319	0.0112	20	-0.76	3%	0
019.43	Calcium, ICP, Microwave (%)	2089	0.4150	0.0100	0.4243	0.0319	0.0112	20	-0.29	1%	0
019.43	Calcium, ICP, Microwave (%)	0964	0.4238	0.0025	0.4243	0.0319	0.0112	20	-0.02	0%	0
019.43	Calcium, ICP, Microwave (%)	0035	0.4250	0.0100	0.4243	0.0319	0.0112	20	0.02	0%	0
019.43	Calcium, ICP, Microwave (%)	0098	0.4250	0.0100	0.4243	0.0319	0.0112	20	0.02	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
019.43	Calcium, ICP, Microwave (%)	0675	0.4250	0.0300	0.4243	0.0319	0.0112	20	0.02	0%	0
019.43	Calcium, ICP, Microwave (%)	0202	0.4265	0.0090	0.4243	0.0319	0.0112	20	0.07	0%	0
019.43	Calcium, ICP, Microwave (%)	0968	0.4290	0.0020	0.4243	0.0319	0.0112	20	0.15	1%	0
019.43	Calcium, ICP, Microwave (%)	0089	0.4300	0.0000	0.4243	0.0319	0.0112	20	0.18	1%	0
019.43	Calcium, ICP, Microwave (%)	0510	0.4300	0.0200	0.4243	0.0319	0.0112	20	0.18	1%	0
019.43	Calcium, ICP, Microwave (%)	0682	0.4400	0.0000	0.4243	0.0319	0.0112	20	0.49	2%	0
019.43	Calcium, ICP, Microwave (%)	0505	0.4600	0.0200	0.4243	0.0319	0.0112	20	1.12	4%	0
019.43	Calcium, ICP, Microwave (%)	0407	0.4687	0.0091	0.4243	0.0319	0.0112	20	1.39	5%	0
019.43	Calcium, ICP, Microwave (%)	0353	0.4700	0.0200	0.4243	0.0319	0.0112	20	1.43	5%	0
019.43	Calcium, ICP, Microwave (%)	0032	0.4775	0.0409	0.4243	0.0319	0.0112	20	1.67	6%	0
019.43	Calcium, ICP, Microwave (%)	2192	0.5450	0.1300	0.4243	0.0319	0.0112	20	3.78	14%	1
019.52	Calcium, ICP-MS, Open vessel (%)	0186	0.3925	0.0138				2			0
019.52	Calcium, ICP-MS, Open vessel (%)	0154	0.3982	0.0022				2			0
019.53	Calcium, ICP-MS, Microwave (%)	0199	0.3550	0.0100	0.4045	0.0358	0.0200	4			0
019.53	Calcium, ICP-MS, Microwave (%)	0572	0.4075	0.0170	0.4045	0.0358	0.0200	4			0
019.53	Calcium, ICP-MS, Microwave (%)	0553	0.4155	0.0330	0.4045	0.0358	0.0200	4			0
019.53	Calcium, ICP-MS, Microwave (%)	0939	0.4400	0.0200	0.4045	0.0358	0.0200	4			0
019.99	Calcium, Miscellaneous (%)	0242	0.4100	0.0000	0.4410	0.0266	0.0100	5			0
019.99	Calcium, Miscellaneous (%)	0590	0.4250	0.0300	0.4410	0.0266	0.0100	5			0
019.99	Calcium, Miscellaneous (%)	0100	0.4400	0.0000	0.4410	0.0266	0.0100	5			0
019.99	Calcium, Miscellaneous (%)	0676	0.4500	0.0200	0.4410	0.0266	0.0100	5			0
019.99	Calcium, Miscellaneous (%)	2251	0.4800	0.0000	0.4410	0.0266	0.0100	5			0
021.31	Cobalt, AAS, Dry ash (mg / kg (ppm))	2248	1.080	0.1400				3			0
021.31	Cobalt, AAS, Dry ash (mg / kg (ppm))	0939	1.195	0.0700				3			0
021.31	Cobalt, AAS, Dry ash (mg / kg (ppm))	0164	1.300	0.0000				3			0
021.41	Cobalt, ICP, Dry ash (mg / kg (ppm))	0619	0.0560	0.0000	0.9896	0.6408	0.0544	4			0
021.41	Cobalt, ICP, Dry ash (mg / kg (ppm))	0171	1.130	0.1200	0.9896	0.6408	0.0544	4			0
021.41	Cobalt, ICP, Dry ash (mg / kg (ppm))	0407	1.273	0.0575	0.9896	0.6408	0.0544	4			0
021.41	Cobalt, ICP, Dry ash (mg / kg (ppm))	0148	1.500	0.0400	0.9896	0.6408	0.0544	4			0
021.42	Cobalt, ICP, Open vessel (mg / kg (ppm))	0693	0.8210	0.1460				3			0
021.42	Cobalt, ICP, Open vessel (mg / kg (ppm))	0560	0.9100	0.1800				3			0
021.42	Cobalt, ICP, Open vessel (mg / kg (ppm))	0045	1.119	0.5230				3			0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0964	0.9838	0.0856	1.293	0.2696	0.1188	5			0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0510	1.060	0.0200	1.293	0.2696	0.1188	5			0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0169	1.315	0.1300	1.293	0.2696	0.1188	5			0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0038	1.505	0.0160	1.293	0.2696	0.1188	5			0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0407	1.602	0.3423	1.293	0.2696	0.1188	5			0
021.52	Cobalt, ICP-MS, Open vessel (mg / kg (ppm))	0910	0.2850	0.0500				3			0
021.52	Cobalt, ICP-MS, Open vessel (mg / kg (ppm))	0186	0.3310	0.0080				3			0
021.52	Cobalt, ICP-MS, Open vessel (mg / kg (ppm))	0047	0.3600	0.0000				3			0
021.53	Cobalt, ICP-MS, Microwave (mg / kg (ppm))	0918	0.3034	0.0094	0.8307	0.3927	0.0527	5			0
021.53	Cobalt, ICP-MS, Microwave (mg / kg (ppm))	0199	0.5550	0.0100	0.8307	0.3927	0.0527	5			0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
021.53	Cobalt, ICP-MS, Microwave (mg / kg (ppm))	0553	0.9300	0.0740	0.8307	0.3927	0.0527	5			0
021.53	Cobalt, ICP-MS, Microwave (mg / kg (ppm))	0610	1.130	0.1200	0.8307	0.3927	0.0527	5			0
021.53	Cobalt, ICP-MS, Microwave (mg / kg (ppm))	0939	1.235	0.0500	0.8307	0.3927	0.0527	5			0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	2188	7.875	0.1300	12.81	2.424	0.4622	13	-2.04	19%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0536	8.525	0.1500	12.81	2.424	0.4622	13	-1.77	17%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0529	10.90	2.000	12.81	2.424	0.4622	13	-0.79	7%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0939	11.44	0.1500	12.81	2.424	0.4622	13	-0.57	5%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0884	12.65	0.5000	12.81	2.424	0.4622	13	-0.07	1%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	2248	12.95	1.100	12.81	2.424	0.4622	13	0.06	1%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0904	13.17	0.0200	12.81	2.424	0.4622	13	0.15	1%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	2097	13.60	0.0000	12.81	2.424	0.4622	13	0.32	3%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	2146	13.62	0.3600	12.81	2.424	0.4622	13	0.33	3%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	2062	13.90	0.5980	12.81	2.424	0.4622	13	0.45	4%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	2196	14.50	0.0000	12.81	2.424	0.4622	13	0.70	7%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0175	15.50	1.000	12.81	2.424	0.4622	13	1.11	10%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0868	16.00	0.0000	12.81	2.424	0.4622	13	1.31	12%	0
022.32	Copper, AAS, Open vessel (mg / kg (ppm))	2128	9.597	8.575				2			0
022.32	Copper, AAS, Open vessel (mg / kg (ppm))	0038	12.80	1.400				2			0
022.33	Copper, AAS, Microwave (mg / kg (ppm))	0010	13.40	0.2000				2			0
022.33	Copper, AAS, Microwave (mg / kg (ppm))	0948	13.76	0.7850				2			0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0511	11.00	0.0000	13.53	1.494	0.7862	20	-1.69	9%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0848	11.78	0.0300	13.53	1.494	0.7862	20	-1.17	6%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0074	12.00	4.000	13.53	1.494	0.7862	20	-1.02	6%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0520	12.50	1.000	13.53	1.494	0.7862	20	-0.69	4%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0910	12.50	1.000	13.53	1.494	0.7862	20	-0.69	4%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0407	12.58	0.1142	13.53	1.494	0.7862	20	-0.63	3%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0049	12.69	0.9600	13.53	1.494	0.7862	20	-0.56	3%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0358	12.89	0.5400	13.53	1.494	0.7862	20	-0.43	2%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0164	13.00	0.0000	13.53	1.494	0.7862	20	-0.35	2%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0004	13.31	1.280	13.53	1.494	0.7862	20	-0.15	1%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0229	13.49	1.070	13.53	1.494	0.7862	20	-0.03	0%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0598	13.71	0.2600	13.53	1.494	0.7862	20	0.12	1%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0098	13.99	0.5000	13.53	1.494	0.7862	20	0.31	2%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0148	14.08	0.1300	13.53	1.494	0.7862	20	0.37	2%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0619	14.45	1.700	13.53	1.494	0.7862	20	0.62	3%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0171	14.50	0.6000	13.53	1.494	0.7862	20	0.65	4%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0226	14.61	0.9300	13.53	1.494	0.7862	20	0.72	4%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0354	15.67	0.0700	13.53	1.494	0.7862	20	1.43	8%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	2012	18.69	0.1900	13.53	1.494	0.7862	20	3.45	19%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0405	27.14	1.350	13.53	1.494	0.7862	20	9.11	50%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0003	23.00	14.00	13.53	1.494	0.7862	20	6.34	35%	1
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0720	0.0000	0.0000	13.53	1.494	0.7862	20			4

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0045	11.30	1.400	13.07	0.9761	0.3764	18	-1.81	7%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0263	11.98	0.2566	13.07	0.9761	0.3764	18	-1.11	4%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0186	12.00	0.0000	13.07	0.9761	0.3764	18	-1.09	4%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0366	12.00	0.0000	13.07	0.9761	0.3764	18	-1.09	4%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0278	12.25	0.1000	13.07	0.9761	0.3764	18	-0.84	3%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0026	12.79	0.3700	13.07	0.9761	0.3764	18	-0.28	1%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0870	12.80	0.3600	13.07	0.9761	0.3764	18	-0.27	1%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0726	12.93	0.0200	13.07	0.9761	0.3764	18	-0.14	1%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0294	13.00	0.2000	13.07	0.9761	0.3764	18	-0.07	0%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0265	13.05	0.3000	13.07	0.9761	0.3764	18	-0.02	0%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0693	13.15	0.2570	13.07	0.9761	0.3764	18	0.08	0%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0685	13.52	0.0300	13.07	0.9761	0.3764	18	0.46	2%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0560	13.55	0.5000	13.07	0.9761	0.3764	18	0.50	2%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0190	13.94	0.0600	13.07	0.9761	0.3764	18	0.90	3%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0357	13.95	0.0210	13.07	0.9761	0.3764	18	0.90	3%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0035	14.00	0.0000	13.07	0.9761	0.3764	18	0.96	4%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0037	14.15	0.7000	13.07	0.9761	0.3764	18	1.11	4%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0042	15.00	2.200	13.07	0.9761	0.3764	18	1.98	7%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0009	14.20	5.400	13.07	0.9761	0.3764	18	1.16	4%	1
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0405	69.12	2.930	13.07	0.9761	0.3764	18	57.42	214%	2
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0675	8.820	1.400	13.05	0.9881	0.4923	21	-4.28	16%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0017	10.76	0.9940	13.05	0.9881	0.4923	21	-2.32	9%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0169	11.60	0.4000	13.05	0.9881	0.4923	21	-1.47	6%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0353	12.00	2.000	13.05	0.9881	0.4923	21	-1.07	4%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0918	12.33	0.0400	13.05	0.9881	0.4923	21	-0.73	3%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0682	12.60	0.0000	13.05	0.9881	0.4923	21	-0.46	2%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0098	12.99	0.0200	13.05	0.9881	0.4923	21	-0.06	0%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0035	13.00	0.0000	13.05	0.9881	0.4923	21	-0.05	0%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0083	13.00	0.0000	13.05	0.9881	0.4923	21	-0.05	0%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0510	13.00	0.0000	13.05	0.9881	0.4923	21	-0.05	0%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0968	13.00	0.0000	13.05	0.9881	0.4923	21	-0.05	0%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0032	13.13	0.6900	13.05	0.9881	0.4923	21	0.07	0%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0407	13.25	0.4323	13.05	0.9881	0.4923	21	0.20	1%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0964	13.26	0.0174	13.05	0.9881	0.4923	21	0.21	1%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0202	13.58	0.5690	13.05	0.9881	0.4923	21	0.54	2%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0038	13.65	0.1000	13.05	0.9881	0.4923	21	0.60	2%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0425	13.75	0.7380	13.05	0.9881	0.4923	21	0.70	3%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	2089	13.78	2.230	13.05	0.9881	0.4923	21	0.73	3%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0505	14.25	0.0300	13.05	0.9881	0.4923	21	1.21	5%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0027	14.27	0.6780	13.05	0.9881	0.4923	21	1.23	5%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0610	15.00	0.0000	13.05	0.9881	0.4923	21	1.97	7%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	2192	16.08	5.330	13.05	0.9881	0.4923	21	3.06	12%	1

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
022.44	Copper, ICP, Dry ash (mg / kg (ppm))	0066	17.98	0.4100				1			0
022.51	Copper, ICP-MS, Dry ash (mg / kg (ppm))	2146	14.03	0.2000				1			0
022.52	Copper, ICP-MS, Open vessel (mg / kg (ppm))	0186	12.15	0.5000				2			0
022.52	Copper, ICP-MS, Open vessel (mg / kg (ppm))	0047	14.47	0.3300				2			0
022.53	Copper, ICP-MS, Microwave (mg / kg (ppm))	0939	11.67	0.5600	12.48	0.6218	0.4100	4			0
022.53	Copper, ICP-MS, Microwave (mg / kg (ppm))	0553	12.35	0.1000	12.48	0.6218	0.4100	4			0
022.53	Copper, ICP-MS, Microwave (mg / kg (ppm))	0199	12.80	0.1800	12.48	0.6218	0.4100	4			0
022.53	Copper, ICP-MS, Microwave (mg / kg (ppm))	0572	13.10	0.8000	12.48	0.6218	0.4100	4			0
022.99	Copper, Miscellaneous (mg / kg (ppm))	0242	11.00	0.0000	11.76	0.8616	0.5750	4			0
022.99	Copper, Miscellaneous (mg / kg (ppm))	0100	11.50	1.000	11.76	0.8616	0.5750	4			0
022.99	Copper, Miscellaneous (mg / kg (ppm))	2129	11.55	0.5000	11.76	0.8616	0.5750	4			0
022.99	Copper, Miscellaneous (mg / kg (ppm))	0590	13.00	0.8000	11.76	0.8616	0.5750	4			0
024.99	Iodine, Miscellaneous (mg / kg (ppm))	0160	0.3500	0.0600				1			0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	2248	169.7	5.060	272.0	66.65	7.067	17	-1.53	19%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0939	194.9	2.860	272.0	66.65	7.067	17	-1.16	14%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	2146	223.7	3.750	272.0	66.65	7.067	17	-0.72	9%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0874	235.0	12.00	272.0	66.65	7.067	17	-0.56	7%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0529	237.7	2.400	272.0	66.65	7.067	17	-0.52	6%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	2196	245.6	0.0000	272.0	66.65	7.067	17	-0.40	5%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0175	248.0	0.0000	272.0	66.65	7.067	17	-0.36	4%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	2022	251.9	6.514	272.0	66.65	7.067	17	-0.30	4%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0001	259.4	0.4000	272.0	66.65	7.067	17	-0.19	2%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0868	265.0	2.000	272.0	66.65	7.067	17	-0.11	1%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0038	273.5	5.000	272.0	66.65	7.067	17	0.02	0%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	2097	294.3	3.670	272.0	66.65	7.067	17	0.33	4%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0884	298.0	14.40	272.0	66.65	7.067	17	0.39	5%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0904	309.4	17.91	272.0	66.65	7.067	17	0.56	7%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	2188	445.7	20.48	272.0	66.65	7.067	17	2.61	32%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	2246	499.0	4.000	272.0	66.65	7.067	17	3.41	42%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0536	1,436	19.69	272.0	66.65	7.067	17	17.47	214%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0563	714.5	38.09	272.0	66.65	7.067	17	6.64	81%	1
025.32	Iron, AAS, Open vessel (mg / kg (ppm))	2128	156.1	153.8				1			0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0598	211.2	1.000	255.4	19.56	9.173	22	-2.26	9%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0720	222.7	1.700	255.4	19.56	9.173	22	-1.67	6%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0354	225.4	2.850	255.4	19.56	9.173	22	-1.53	6%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0619	239.0	4.000	255.4	19.56	9.173	22	-0.84	3%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0003	241.0	28.00	255.4	19.56	9.173	22	-0.73	3%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0226	242.7	12.83	255.4	19.56	9.173	22	-0.65	2%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0511	247.5	13.00	255.4	19.56	9.173	22	-0.40	2%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0520	253.5	9.000	255.4	19.56	9.173	22	-0.09	0%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	2012	254.6	8.710	255.4	19.56	9.173	22	-0.04	0%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0004	255.0	7.370	255.4	19.56	9.173	22	-0.02	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0074	255.5	5.000	255.4	19.56	9.173	22	0.01	0%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0164	257.0	8.000	255.4	19.56	9.173	22	0.08	0%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0049	258.9	0.3600	255.4	19.56	9.173	22	0.18	1%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0171	258.9	0.6000	255.4	19.56	9.173	22	0.18	1%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0405	260.0	21.90	255.4	19.56	9.173	22	0.24	1%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0407	260.4	2.640	255.4	19.56	9.173	22	0.26	1%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0148	263.4	7.670	255.4	19.56	9.173	22	0.41	2%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0358	268.5	7.600	255.4	19.56	9.173	22	0.67	3%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0229	277.5	4.300	255.4	19.56	9.173	22	1.13	4%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0098	279.9	29.90	255.4	19.56	9.173	22	1.25	5%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0066	281.9	6.380	255.4	19.56	9.173	22	1.36	5%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0910	289.5	19.00	255.4	19.56	9.173	22	1.75	7%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0294	197.2	4.260	256.9	37.12	9.103	17	-1.61	12%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0265	208.0	2.000	256.9	37.12	9.103	17	-1.32	10%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0726	221.6	0.2000	256.9	37.12	9.103	17	-0.95	7%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0278	222.0	14.00	256.9	37.12	9.103	17	-0.94	7%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0190	238.4	1.010	256.9	37.12	9.103	17	-0.50	4%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0560	240.8	28.10	256.9	37.12	9.103	17	-0.44	3%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0026	249.8	0.5300	256.9	37.12	9.103	17	-0.19	1%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0263	254.2	1.310	256.9	37.12	9.103	17	-0.07	1%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0405	260.4	3.880	256.9	37.12	9.103	17	0.09	1%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0366	267.0	0.0000	256.9	37.12	9.103	17	0.27	2%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0045	268.5	3.000	256.9	37.12	9.103	17	0.31	2%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0693	269.3	30.68	256.9	37.12	9.103	17	0.33	2%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0035	270.0	10.00	256.9	37.12	9.103	17	0.35	3%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0042	278.0	2.000	256.9	37.12	9.103	17	0.57	4%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0037	293.1	22.10	256.9	37.12	9.103	17	0.97	7%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0870	315.4	10.70	256.9	37.12	9.103	17	1.57	11%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	2259	323.5	20.99	256.9	37.12	9.103	17	1.79	13%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0610	206.5	5.000	261.8	19.95	5.432	18	-2.77	11%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0425	213.7	3.800	261.8	19.95	5.432	18	-2.41	9%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0675	243.2	3.890	261.8	19.95	5.432	18	-0.93	4%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0918	245.5	5.710	261.8	19.95	5.432	18	-0.82	3%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	2192	247.8	3.700	261.8	19.95	5.432	18	-0.70	3%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0083	250.5	1.000	261.8	19.95	5.432	18	-0.57	2%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0968	253.5	1.000	261.8	19.95	5.432	18	-0.42	2%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0169	255.0	12.00	261.8	19.95	5.432	18	-0.34	1%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0017	260.5	2.118	261.8	19.95	5.432	18	-0.07	0%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0510	266.0	2.000	261.8	19.95	5.432	18	0.21	1%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0038	268.0	4.000	261.8	19.95	5.432	18	0.31	1%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0353	274.0	8.000	261.8	19.95	5.432	18	0.61	2%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0035	276.5	7.000	261.8	19.95	5.432	18	0.74	3%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0098	278.3	8.700	261.8	19.95	5.432	18	0.83	3%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0964	278.4	16.20	261.8	19.95	5.432	18	0.83	3%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0407	282.1	2.294	261.8	19.95	5.432	18	1.02	4%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0027	284.1	11.37	261.8	19.95	5.432	18	1.12	4%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0682	285.0	0.0000	261.8	19.95	5.432	18	1.17	4%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0032	309.0	53.80	261.8	19.95	5.432	18	2.37	9%	1
025.51	Iron, ICP-MS, Dry ash (mg / kg (ppm))	2146	260.0	3.450				1			0
025.52	Iron, ICP-MS, Open vessel (mg / kg (ppm))	0047	133.4	4.900				2			0
025.52	Iron, ICP-MS, Open vessel (mg / kg (ppm))	0154	242.1	8.320				2			0
025.53	Iron, ICP-MS, Microwave (mg / kg (ppm))	0199	212.7	12.25				3			0
025.53	Iron, ICP-MS, Microwave (mg / kg (ppm))	0939	233.5	3.000				3			0
025.53	Iron, ICP-MS, Microwave (mg / kg (ppm))	0553	235.5	31.00				3			0
025.99	Iron, Miscellaneous (mg / kg (ppm))	2129	253.0	12.00				3			0
025.99	Iron, Miscellaneous (mg / kg (ppm))	0242	257.0	2.000				3			0
025.99	Iron, Miscellaneous (mg / kg (ppm))	0100	277.5	25.00				3			0
027.31	Magnesium, AAS, Dry ash (%)	2246	0.1300	0.0000	0.3668	0.0332	0.0034	10	-7.12	32%	0
027.31	Magnesium, AAS, Dry ash (%)	0563	0.3311	0.0027	0.3668	0.0332	0.0034	10	-1.07	5%	0
027.31	Magnesium, AAS, Dry ash (%)	0038	0.3367	0.0050	0.3668	0.0332	0.0034	10	-0.90	4%	0
027.31	Magnesium, AAS, Dry ash (%)	0536	0.3650	0.0100	0.3668	0.0332	0.0034	10	-0.05	0%	0
027.31	Magnesium, AAS, Dry ash (%)	0874	0.3750	0.0000	0.3668	0.0332	0.0034	10	0.25	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0884	0.3750	0.0100	0.3668	0.0332	0.0034	10	0.25	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0868	0.3800	0.0000	0.3668	0.0332	0.0034	10	0.40	2%	0
027.31	Magnesium, AAS, Dry ash (%)	0142	0.3851	0.0004	0.3668	0.0332	0.0034	10	0.55	2%	0
027.31	Magnesium, AAS, Dry ash (%)	2196	0.4000	0.0000	0.3668	0.0332	0.0034	10	1.00	5%	0
027.31	Magnesium, AAS, Dry ash (%)	2146	0.4030	0.0060	0.3668	0.0332	0.0034	10	1.09	5%	0
027.32	Magnesium, AAS, Open vessel (%)	0169	0.3200	0.0200				1			0
027.33	Magnesium, AAS, Microwave (%)	0948	0.3845	0.0190				1			0
027.41	Magnesium, ICP, Dry ash (%)	0511	0.3550	0.0100	0.3827	0.0204	0.0052	20	-1.36	4%	0
027.41	Magnesium, ICP, Dry ash (%)	0407	0.3569	0.0126	0.3827	0.0204	0.0052	20	-1.26	3%	0
027.41	Magnesium, ICP, Dry ash (%)	0354	0.3600	0.0000	0.3827	0.0204	0.0052	20	-1.11	3%	0
027.41	Magnesium, ICP, Dry ash (%)	0358	0.3600	0.0000	0.3827	0.0204	0.0052	20	-1.11	3%	0
027.41	Magnesium, ICP, Dry ash (%)	2012	0.3700	0.0000	0.3827	0.0204	0.0052	20	-0.62	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0229	0.3740	0.0100	0.3827	0.0204	0.0052	20	-0.43	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0049	0.3750	0.0100	0.3827	0.0204	0.0052	20	-0.38	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0139	0.3785	0.0004	0.3827	0.0204	0.0052	20	-0.21	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0074	0.3790	0.0140	0.3827	0.0204	0.0052	20	-0.18	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0003	0.3800	0.0000	0.3827	0.0204	0.0052	20	-0.13	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0148	0.3800	0.0000	0.3827	0.0204	0.0052	20	-0.13	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0720	0.3800	0.0000	0.3827	0.0204	0.0052	20	-0.13	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0910	0.3850	0.0100	0.3827	0.0204	0.0052	20	0.11	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0098	0.3900	0.0000	0.3827	0.0204	0.0052	20	0.36	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0598	0.3950	0.0004	0.3827	0.0204	0.0052	20	0.60	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
027.41	Magnesium, ICP, Dry ash (%)	0164	0.3970	0.0100	0.3827	0.0204	0.0052	20	0.70	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0520	0.4050	0.0100	0.3827	0.0204	0.0052	20	1.09	3%	0
027.41	Magnesium, ICP, Dry ash (%)	0171	0.4100	0.0000	0.3827	0.0204	0.0052	20	1.34	4%	0
027.41	Magnesium, ICP, Dry ash (%)	0226	0.4100	0.0000	0.3827	0.0204	0.0052	20	1.34	4%	0
027.41	Magnesium, ICP, Dry ash (%)	0405	0.4195	0.0170	0.3827	0.0204	0.0052	20	1.80	5%	0
027.42	Magnesium, ICP, Open vessel (%)	2129	0.3440	0.0040	0.3842	0.0196	0.0122	17	-2.04	5%	0
027.42	Magnesium, ICP, Open vessel (%)	0294	0.3600	0.0000	0.3842	0.0196	0.0122	17	-1.23	3%	0
027.42	Magnesium, ICP, Open vessel (%)	0263	0.3642	0.0020	0.3842	0.0196	0.0122	17	-1.02	3%	0
027.42	Magnesium, ICP, Open vessel (%)	0035	0.3650	0.0100	0.3842	0.0196	0.0122	17	-0.97	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0265	0.3700	0.0000	0.3842	0.0196	0.0122	17	-0.72	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0045	0.3800	0.0140	0.3842	0.0196	0.0122	17	-0.21	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0278	0.3800	0.0000	0.3842	0.0196	0.0122	17	-0.21	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0357	0.3817	0.0010	0.3842	0.0196	0.0122	17	-0.12	0%	0
027.42	Magnesium, ICP, Open vessel (%)	0186	0.3847	0.0077	0.3842	0.0196	0.0122	17	0.03	0%	0
027.42	Magnesium, ICP, Open vessel (%)	0870	0.3868	0.0070	0.3842	0.0196	0.0122	17	0.13	0%	0
027.42	Magnesium, ICP, Open vessel (%)	0560	0.3890	0.0085	0.3842	0.0196	0.0122	17	0.24	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0037	0.3950	0.0000	0.3842	0.0196	0.0122	17	0.55	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0042	0.3955	0.0530	0.3842	0.0196	0.0122	17	0.58	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0366	0.4000	0.0400	0.3842	0.0196	0.0122	17	0.81	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0685	0.4000	0.0200	0.3842	0.0196	0.0122	17	0.81	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0693	0.4105	0.0170	0.3842	0.0196	0.0122	17	1.34	3%	0
027.42	Magnesium, ICP, Open vessel (%)	0405	0.4305	0.0230	0.3842	0.0196	0.0122	17	2.36	6%	0
027.43	Magnesium, ICP, Microwave (%)	0089	0.3400	0.0000	0.3746	0.0184	0.0031	18	-1.88	5%	0
027.43	Magnesium, ICP, Microwave (%)	0035	0.3500	0.0000	0.3746	0.0184	0.0031	18	-1.34	3%	0
027.43	Magnesium, ICP, Microwave (%)	0083	0.3600	0.0000	0.3746	0.0184	0.0031	18	-0.79	2%	0
027.43	Magnesium, ICP, Microwave (%)	0353	0.3600	0.0200	0.3746	0.0184	0.0031	18	-0.79	2%	0
027.43	Magnesium, ICP, Microwave (%)	0610	0.3600	0.0000	0.3746	0.0184	0.0031	18	-0.79	2%	0
027.43	Magnesium, ICP, Microwave (%)	0918	0.3630	0.0020	0.3746	0.0184	0.0031	18	-0.63	2%	0
027.43	Magnesium, ICP, Microwave (%)	0202	0.3660	0.0040	0.3746	0.0184	0.0031	18	-0.47	1%	0
027.43	Magnesium, ICP, Microwave (%)	0038	0.3690	0.0000	0.3746	0.0184	0.0031	18	-0.30	1%	0
027.43	Magnesium, ICP, Microwave (%)	0425	0.3700	0.0000	0.3746	0.0184	0.0031	18	-0.25	1%	0
027.43	Magnesium, ICP, Microwave (%)	0675	0.3800	0.0000	0.3746	0.0184	0.0031	18	0.30	1%	0
027.43	Magnesium, ICP, Microwave (%)	0407	0.3803	0.0050	0.3746	0.0184	0.0031	18	0.31	1%	0
027.43	Magnesium, ICP, Microwave (%)	0510	0.3850	0.0100	0.3746	0.0184	0.0031	18	0.57	1%	0
027.43	Magnesium, ICP, Microwave (%)	2089	0.3850	0.0100	0.3746	0.0184	0.0031	18	0.57	1%	0
027.43	Magnesium, ICP, Microwave (%)	0968	0.3875	0.0030	0.3746	0.0184	0.0031	18	0.70	2%	0
027.43	Magnesium, ICP, Microwave (%)	0098	0.3900	0.0000	0.3746	0.0184	0.0031	18	0.84	2%	0
027.43	Magnesium, ICP, Microwave (%)	0017	0.3905	0.0010	0.3746	0.0184	0.0031	18	0.87	2%	0
027.43	Magnesium, ICP, Microwave (%)	0964	0.3970	0.0007	0.3746	0.0184	0.0031	18	1.22	3%	0
027.43	Magnesium, ICP, Microwave (%)	0682	0.4200	0.0000	0.3746	0.0184	0.0031	18	2.47	6%	0
027.43	Magnesium, ICP, Microwave (%)	0032	0.4218	0.0326	0.3746	0.0184	0.0031	18	2.57	6%	1
027.51	Magnesium, ICP-MS, Dry ash (%)	2146	0.3945	0.0030				1			0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
027.52	Magnesium, ICP-MS, Open vessel (%)	0186	0.3601	0.0077				2			0
027.52	Magnesium, ICP-MS, Open vessel (%)	0154	0.3743	0.0123				2			0
027.53	Magnesium, ICP-MS, Microwave (%)	0572	0.3810	0.0080				2			0
027.53	Magnesium, ICP-MS, Microwave (%)	0553	0.4010	0.0020				2			0
027.53	Magnesium, ICP-MS, Microwave (%)	0199	< 0.5					2			5
027.99	Magnesium, Miscellaneous (%)	0590	0.3900	0.0000				3			0
027.99	Magnesium, Miscellaneous (%)	0242	0.4050	0.0100				3			0
027.99	Magnesium, Miscellaneous (%)	0100	0.4250	0.0100				3			0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	2248	56.70	0.4000	75.64	6.052	0.8807	14	-3.13	13%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0175	65.50	1.000	75.64	6.052	0.8807	14	-1.68	7%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	2097	72.62	1.230	75.64	6.052	0.8807	14	-0.50	2%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	2196	72.90	0.0000	75.64	6.052	0.8807	14	-0.45	2%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0529	73.65	0.3000	75.64	6.052	0.8807	14	-0.33	1%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0536	74.33	0.2500	75.64	6.052	0.8807	14	-0.22	1%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0939	75.02	0.1000	75.64	6.052	0.8807	14	-0.10	0%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0884	75.85	1.500	75.64	6.052	0.8807	14	0.03	0%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0563	76.29	0.1302	75.64	6.052	0.8807	14	0.11	0%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0001	77.80	2.660	75.64	6.052	0.8807	14	0.36	1%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0651	79.41	0.1900	75.64	6.052	0.8807	14	0.62	2%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0868	79.50	1.000	75.64	6.052	0.8807	14	0.64	3%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0904	83.77	2.260	75.64	6.052	0.8807	14	1.34	5%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	2188	141.0	1.310	75.64	6.052	0.8807	14	10.81	43%	0
028.32	Manganese, AAS, Open vessel (mg / kg (ppm))	2128	53.60	63.45				2			0
028.32	Manganese, AAS, Open vessel (mg / kg (ppm))	0038	80.00	2.000				2			0
028.33	Manganese, AAS, Microwave (mg / kg (ppm))	0948	63.00	1.361				1			0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0511	65.00	2.000	75.38	5.124	1.731	19	-2.03	7%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0171	67.75	0.3000	75.38	5.124	1.731	19	-1.49	5%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0354	69.52	0.6700	75.38	5.124	1.731	19	-1.14	4%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0164	72.50	1.000	75.38	5.124	1.731	19	-0.56	2%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0405	72.74	3.190	75.38	5.124	1.731	19	-0.52	2%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0720	72.90	0.7600	75.38	5.124	1.731	19	-0.48	2%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0148	73.55	2.220	75.38	5.124	1.731	19	-0.36	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0074	74.00	2.000	75.38	5.124	1.731	19	-0.27	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0049	74.28	1.640	75.38	5.124	1.731	19	-0.21	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	2012	74.61	0.3300	75.38	5.124	1.731	19	-0.15	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0407	76.27	1.975	75.38	5.124	1.731	19	0.17	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0520	76.50	1.000	75.38	5.124	1.731	19	0.22	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0226	76.80	1.210	75.38	5.124	1.731	19	0.28	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0229	77.36	5.110	75.38	5.124	1.731	19	0.39	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0098	79.33	0.2200	75.38	5.124	1.731	19	0.77	3%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0598	79.79	0.0900	75.38	5.124	1.731	19	0.86	3%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0910	80.50	5.000	75.38	5.124	1.731	19	1.00	3%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0619	85.20	3.600	75.38	5.124	1.731	19	1.92	7%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0358	85.71	0.5700	75.38	5.124	1.731	19	2.02	7%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0003	92.00	18.00	75.38	5.124	1.731	19	3.24	11%	1
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0405	63.28	6.440	77.24	5.005	2.321	19	-2.79	9%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0685	65.14	0.1500	77.24	5.005	2.321	19	-2.42	8%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0870	71.15	0.1000	77.24	5.005	2.321	19	-1.22	4%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0263	71.70	0.6900	77.24	5.005	2.321	19	-1.11	4%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0278	74.00	4.000	77.24	5.005	2.321	19	-0.65	2%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0009	76.00	2.000	77.24	5.005	2.321	19	-0.25	1%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0026	76.93	0.8900	77.24	5.005	2.321	19	-0.06	0%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0265	77.45	6.900	77.24	5.005	2.321	19	0.04	0%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0366	77.50	7.000	77.24	5.005	2.321	19	0.05	0%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0693	77.70	0.3240	77.24	5.005	2.321	19	0.09	0%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0042	77.85	4.500	77.24	5.005	2.321	19	0.12	0%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0186	78.50	1.000	77.24	5.005	2.321	19	0.25	1%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0294	78.52	1.440	77.24	5.005	2.321	19	0.26	1%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0560	79.50	2.400	77.24	5.005	2.321	19	0.45	1%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0045	79.80	2.800	77.24	5.005	2.321	19	0.51	2%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0357	80.23	0.6830	77.24	5.005	2.321	19	0.60	2%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0190	81.83	0.8000	77.24	5.005	2.321	19	0.92	3%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0726	85.45	0.1900	77.24	5.005	2.321	19	1.64	5%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0037	85.80	1.800	77.24	5.005	2.321	19	1.71	6%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0169	67.50	2.200	77.71	5.189	1.472	20	-1.97	7%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0610	71.50	1.000	77.71	5.189	1.472	20	-1.20	4%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0675	72.20	3.110	77.71	5.189	1.472	20	-1.06	4%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0918	72.79	0.4100	77.71	5.189	1.472	20	-0.95	3%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0017	73.00	2.466	77.71	5.189	1.472	20	-0.91	3%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0353	74.00	2.000	77.71	5.189	1.472	20	-0.71	2%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0038	74.75	0.5000	77.71	5.189	1.472	20	-0.57	2%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0510	75.50	1.000	77.71	5.189	1.472	20	-0.43	1%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0083	76.50	1.000	77.71	5.189	1.472	20	-0.23	1%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0505	78.96	2.960	77.71	5.189	1.472	20	0.24	1%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0425	79.12	0.0500	77.71	5.189	1.472	20	0.27	1%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0964	79.38	0.1017	77.71	5.189	1.472	20	0.32	1%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0968	79.50	1.000	77.71	5.189	1.472	20	0.35	1%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0682	79.78	0.0000	77.71	5.189	1.472	20	0.40	1%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	2089	80.14	1.520	77.71	5.189	1.472	20	0.47	2%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0098	81.77	1.790	77.71	5.189	1.472	20	0.78	3%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0035	82.50	1.000	77.71	5.189	1.472	20	0.92	3%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0407	82.61	0.7956	77.71	5.189	1.472	20	0.94	3%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0027	84.73	3.497	77.71	5.189	1.472	20	1.35	5%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0202	86.20	3.035	77.71	5.189	1.472	20	1.64	5%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
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028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0032	85.21	10.55	77.71	5.189	1.472	20	1.45	5%	1
028.44	Manganese, ICP, Dry ash (mg / kg (ppm))	0066	77.74	1.140				1			0
028.52	Manganese, ICP-MS, Open vessel (mg / kg (ppm))	0186	73.30	1.200				2			0
028.52	Manganese, ICP-MS, Open vessel (mg / kg (ppm))	0047	89.68	0.2900				2			0
028.53	Manganese, ICP-MS, Microwave (mg / kg (ppm))	0199	57.19	2.760	69.78	8.858	1.318	4			0
028.53	Manganese, ICP-MS, Microwave (mg / kg (ppm))	0939	70.02	0.1400	69.78	8.858	1.318	4			0
028.53	Manganese, ICP-MS, Microwave (mg / kg (ppm))	0572	75.40	2.200	69.78	8.858	1.318	4			0
028.53	Manganese, ICP-MS, Microwave (mg / kg (ppm))	2192	76.51	0.1700	69.78	8.858	1.318	4			0
028.53	Manganese, ICP-MS, Microwave (mg / kg (ppm))	0553	69.30	10.00	69.78	8.858	1.318	4			1
028.99	Manganese, Miscellaneous (mg / kg (ppm))	2129	73.20	0.6000	76.94	4.120	1.275	4			0
028.99	Manganese, Miscellaneous (mg / kg (ppm))	0590	74.55	0.5000	76.94	4.120	1.275	4			0
028.99	Manganese, Miscellaneous (mg / kg (ppm))	0242	77.50	3.000	76.94	4.120	1.275	4			0
028.99	Manganese, Miscellaneous (mg / kg (ppm))	0100	82.50	1.000	76.94	4.120	1.275	4			0
031.01	Phosphorus, Photometric (%)	2192	0.7350	0.0300	1.085	0.0382	0.0236	40	-9.17	16%	0
031.01	Phosphorus, Photometric (%)	2031	0.7534	0.0204	1.085	0.0382	0.0236	40	-8.69	15%	0
031.01	Phosphorus, Photometric (%)	0108	0.9000	0.0400	1.085	0.0382	0.0236	40	-4.85	9%	0
031.01	Phosphorus, Photometric (%)	0563	1.025	0.0128	1.085	0.0382	0.0236	40	-1.59	3%	0
031.01	Phosphorus, Photometric (%)	0511	1.025	0.0100	1.085	0.0382	0.0236	40	-1.58	3%	0
031.01	Phosphorus, Photometric (%)	2022	1.025	0.0100	1.085	0.0382	0.0236	40	-1.58	3%	0
031.01	Phosphorus, Photometric (%)	0674	1.040	0.0000	1.085	0.0382	0.0236	40	-1.18	2%	0
031.01	Phosphorus, Photometric (%)	2146	1.040	0.0400	1.085	0.0382	0.0236	40	-1.18	2%	0
031.01	Phosphorus, Photometric (%)	2248	1.050	0.0380	1.085	0.0382	0.0236	40	-0.92	2%	0
031.01	Phosphorus, Photometric (%)	0038	1.061	0.0530	1.085	0.0382	0.0236	40	-0.65	1%	0
031.01	Phosphorus, Photometric (%)	0142	1.069	0.0047	1.085	0.0382	0.0236	40	-0.43	1%	0
031.01	Phosphorus, Photometric (%)	2193	1.070	0.0000	1.085	0.0382	0.0236	40	-0.40	1%	0
031.01	Phosphorus, Photometric (%)	2018	1.075	0.0300	1.085	0.0382	0.0236	40	-0.27	0%	0
031.01	Phosphorus, Photometric (%)	0874	1.077	0.0170	1.085	0.0382	0.0236	40	-0.23	0%	0
031.01	Phosphorus, Photometric (%)	2128	1.081	0.0750	1.085	0.0382	0.0236	40	-0.12	0%	0
031.01	Phosphorus, Photometric (%)	0868	1.085	0.0100	1.085	0.0382	0.0236	40	-0.01	0%	0
031.01	Phosphorus, Photometric (%)	2246	1.085	0.0100	1.085	0.0382	0.0236	40	-0.01	0%	0
031.01	Phosphorus, Photometric (%)	2196	1.090	0.0000	1.085	0.0382	0.0236	40	0.13	0%	0
031.01	Phosphorus, Photometric (%)	0651	1.091	0.0040	1.085	0.0382	0.0236	40	0.15	0%	0
031.01	Phosphorus, Photometric (%)	2062	1.094	0.0019	1.085	0.0382	0.0236	40	0.24	0%	0
031.01	Phosphorus, Photometric (%)	0590	1.095	0.0300	1.085	0.0382	0.0236	40	0.26	0%	0
031.01	Phosphorus, Photometric (%)	0687	1.100	0.1000	1.085	0.0382	0.0236	40	0.39	1%	0
031.01	Phosphorus, Photometric (%)	0897	1.100	0.0000	1.085	0.0382	0.0236	40	0.39	1%	0
031.01	Phosphorus, Photometric (%)	2251	1.100	0.0000	1.085	0.0382	0.0236	40	0.39	1%	0
031.01	Phosphorus, Photometric (%)	0881	1.104	0.0200	1.085	0.0382	0.0236	40	0.49	1%	0
031.01	Phosphorus, Photometric (%)	2190	1.105	0.0104	1.085	0.0382	0.0236	40	0.51	1%	0
031.01	Phosphorus, Photometric (%)	0904	1.105	0.0500	1.085	0.0382	0.0236	40	0.52	1%	0
031.01	Phosphorus, Photometric (%)	2188	1.105	0.0100	1.085	0.0382	0.0236	40	0.52	1%	0
031.01	Phosphorus, Photometric (%)	2097	1.107	0.0010	1.085	0.0382	0.0236	40	0.56	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
031.01	Phosphorus, Photometric (%)	0626	1.107	0.0180	1.085	0.0382	0.0236	40	0.57	1%	0
031.01	Phosphorus, Photometric (%)	0885	1.108	0.0044	1.085	0.0382	0.0236	40	0.59	1%	0
031.01	Phosphorus, Photometric (%)	0683	1.110	0.0200	1.085	0.0382	0.0236	40	0.65	1%	0
031.01	Phosphorus, Photometric (%)	0689	1.110	0.0200	1.085	0.0382	0.0236	40	0.65	1%	0
031.01	Phosphorus, Photometric (%)	0939	1.110	0.0200	1.085	0.0382	0.0236	40	0.65	1%	0
031.01	Phosphorus, Photometric (%)	2198	1.110	0.0000	1.085	0.0382	0.0236	40	0.65	1%	0
031.01	Phosphorus, Photometric (%)	2006	1.115	0.0180	1.085	0.0382	0.0236	40	0.78	1%	0
031.01	Phosphorus, Photometric (%)	0884	1.120	0.0000	1.085	0.0382	0.0236	40	0.91	2%	0
031.01	Phosphorus, Photometric (%)	0948	1.140	0.0770	1.085	0.0382	0.0236	40	1.42	3%	0
031.01	Phosphorus, Photometric (%)	0622	1.146	0.0930	1.085	0.0382	0.0236	40	1.60	3%	0
031.01	Phosphorus, Photometric (%)	2109	1.162	0.0460	1.085	0.0382	0.0236	40	2.01	4%	0
031.03	Phosphorus, Autoanalyzer (%)	0169	1.075	0.0900				3			0
031.03	Phosphorus, Autoanalyzer (%)	0036	1.117	0.0069				3			0
031.03	Phosphorus, Autoanalyzer (%)	0001	1.123	0.0040				3			0
031.06	Phosphorus, Hach Method (%)	0536	1.130	0.0200				1			0
031.41	Phosphorus, ICP, Dry ash (%)	0358	0.9700	0.0200	1.074	0.0523	0.0189	22	-1.98	5%	0
031.41	Phosphorus, ICP, Dry ash (%)	0405	1.002	0.0130	1.074	0.0523	0.0189	22	-1.38	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	2259	1.020	0.0190	1.074	0.0523	0.0189	22	-1.04	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0354	1.030	0.0000	1.074	0.0523	0.0189	22	-0.84	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0520	1.030	0.0000	1.074	0.0523	0.0189	22	-0.84	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0139	1.042	0.0050	1.074	0.0523	0.0189	22	-0.62	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0910	1.050	0.0400	1.074	0.0523	0.0189	22	-0.46	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0685	1.055	0.0300	1.074	0.0523	0.0189	22	-0.36	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0298	1.060	0.0200	1.074	0.0523	0.0189	22	-0.27	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0144	1.065	0.0100	1.074	0.0523	0.0189	22	-0.17	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0720	1.065	0.0100	1.074	0.0523	0.0189	22	-0.17	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0148	1.075	0.0100	1.074	0.0523	0.0189	22	0.02	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0164	1.075	0.0100	1.074	0.0523	0.0189	22	0.02	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0171	1.085	0.0100	1.074	0.0523	0.0189	22	0.21	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0229	1.087	0.0690	1.074	0.0523	0.0189	22	0.24	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0049	1.095	0.0500	1.074	0.0523	0.0189	22	0.40	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	2012	1.100	0.0200	1.074	0.0523	0.0189	22	0.50	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0407	1.111	0.0152	1.074	0.0523	0.0189	22	0.71	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0098	1.128	0.0080	1.074	0.0523	0.0189	22	1.03	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0226	1.170	0.0000	1.074	0.0523	0.0189	22	1.84	4%	0
031.41	Phosphorus, ICP, Dry ash (%)	0598	1.183	0.0060	1.074	0.0523	0.0189	22	2.09	5%	0
031.41	Phosphorus, ICP, Dry ash (%)	0619	1.185	0.0500	1.074	0.0523	0.0189	22	2.12	5%	0
031.41	Phosphorus, ICP, Dry ash (%)	0003	1.475	0.7900	1.074	0.0523	0.0189	22	7.66	19%	1
031.42	Phosphorus, ICP, Open vessel (%)	0294	0.8800	0.0000	1.091	0.0562	0.0216	18	-3.76	10%	0
031.42	Phosphorus, ICP, Open vessel (%)	0693	1.023	0.1090	1.091	0.0562	0.0216	18	-1.22	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	0278	1.030	0.0400	1.091	0.0562	0.0216	18	-1.09	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	2259	1.031	0.0090	1.091	0.0562	0.0216	18	-1.08	3%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
031.42	Phosphorus, ICP, Open vessel (%)	0560	1.074	0.0122	1.091	0.0562	0.0216	18	-0.31	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0186	1.077	0.0041	1.091	0.0562	0.0216	18	-0.25	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0265	1.080	0.0000	1.091	0.0562	0.0216	18	-0.20	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0357	1.082	0.0129	1.091	0.0562	0.0216	18	-0.17	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0045	1.085	0.0100	1.091	0.0562	0.0216	18	-0.11	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	2129	1.095	0.0700	1.091	0.0562	0.0216	18	0.07	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0042	1.095	0.0100	1.091	0.0562	0.0216	18	0.07	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0035	1.100	0.0200	1.091	0.0562	0.0216	18	0.16	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0263	1.103	0.0004	1.091	0.0562	0.0216	18	0.21	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0870	1.109	0.0080	1.091	0.0562	0.0216	18	0.32	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0726	1.145	0.0060	1.091	0.0562	0.0216	18	0.96	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0190	1.155	0.0100	1.091	0.0562	0.0216	18	1.14	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	0037	1.258	0.0000	1.091	0.0562	0.0216	18	2.97	8%	0
031.42	Phosphorus, ICP, Open vessel (%)	0405	1.273	0.0680	1.091	0.0562	0.0216	18	3.24	8%	0
031.42	Phosphorus, ICP, Open vessel (%)	0366	1.060	0.1400	1.091	0.0562	0.0216	18	-0.55	1%	1
031.43	Phosphorus, ICP, Microwave (%)	2089	1.015	0.0100	1.097	0.0402	0.0180	19	-2.05	4%	0
031.43	Phosphorus, ICP, Microwave (%)	0038	1.022	0.0380	1.097	0.0402	0.0180	19	-1.87	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0918	1.065	0.0070	1.097	0.0402	0.0180	19	-0.82	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0353	1.065	0.0100	1.097	0.0402	0.0180	19	-0.80	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0089	1.070	0.0000	1.097	0.0402	0.0180	19	-0.68	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0610	1.075	0.0100	1.097	0.0402	0.0180	19	-0.55	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0675	1.080	0.0000	1.097	0.0402	0.0180	19	-0.43	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0017	1.083	0.0780	1.097	0.0402	0.0180	19	-0.36	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0083	1.085	0.0100	1.097	0.0402	0.0180	19	-0.31	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0964	1.090	0.0087	1.097	0.0402	0.0180	19	-0.19	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0425	1.106	0.0250	1.097	0.0402	0.0180	19	0.20	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0682	1.110	0.0000	1.097	0.0402	0.0180	19	0.32	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0968	1.122	0.0020	1.097	0.0402	0.0180	19	0.61	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0098	1.124	0.0280	1.097	0.0402	0.0180	19	0.66	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0202	1.131	0.0020	1.097	0.0402	0.0180	19	0.84	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0407	1.133	0.0651	1.097	0.0402	0.0180	19	0.88	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0035	1.135	0.0300	1.097	0.0402	0.0180	19	0.94	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0510	1.145	0.0100	1.097	0.0402	0.0180	19	1.19	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0032	1.331	0.0080	1.097	0.0402	0.0180	19	5.81	11%	0
031.51	Phosphorus, ICP-MS, Dry ash (%)	2146	1.025	0.0100				1			0
031.52	Phosphorus, ICP-MS, Open vessel (%)	0186	0.9656	0.0093				2			0
031.52	Phosphorus, ICP-MS, Open vessel (%)	0154	1.007	0.0530				2			0
031.53	Phosphorus, ICP-MS, Microwave (%)	0939	1.075	0.0500	1.120	0.0402	0.0450	4			0
031.53	Phosphorus, ICP-MS, Microwave (%)	0553	1.105	0.0700	1.120	0.0402	0.0450	4			0
031.53	Phosphorus, ICP-MS, Microwave (%)	0199	1.130	0.0200	1.120	0.0402	0.0450	4			0
031.53	Phosphorus, ICP-MS, Microwave (%)	0572	1.170	0.0400	1.120	0.0402	0.0450	4			0
031.99	Phosphorus, Miscellaneous (%)	0100	1.025	0.0100	1.124	0.1289	0.0075	4			0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
031.99	Phosphorus, Miscellaneous (%)	0676	1.030	0.0000	1.124	0.1289	0.0075	4			0
031.99	Phosphorus, Miscellaneous (%)	0242	1.140	0.0200	1.124	0.1289	0.0075	4			0
031.99	Phosphorus, Miscellaneous (%)	0852	1.300	0.0000	1.124	0.1289	0.0075	4			0
032.02	Potassium, Flame Emission (%)	0884	1.505	0.0100				1			0
032.31	Potassium, AAS, Dry ash (%)	2146	1.380	0.0800	1.486	0.0842	0.0373	13	-1.26	4%	0
032.31	Potassium, AAS, Dry ash (%)	0683	1.425	0.0300	1.486	0.0842	0.0373	13	-0.73	2%	0
032.31	Potassium, AAS, Dry ash (%)	0904	1.425	0.1100	1.486	0.0842	0.0373	13	-0.73	2%	0
032.31	Potassium, AAS, Dry ash (%)	0596	1.430	0.0000	1.486	0.0842	0.0373	13	-0.67	2%	0
032.31	Potassium, AAS, Dry ash (%)	0038	1.448	0.0134	1.486	0.0842	0.0373	13	-0.45	1%	0
032.31	Potassium, AAS, Dry ash (%)	0868	1.460	0.0200	1.486	0.0842	0.0373	13	-0.31	1%	0
032.31	Potassium, AAS, Dry ash (%)	2097	1.476	0.0427	1.486	0.0842	0.0373	13	-0.13	0%	0
032.31	Potassium, AAS, Dry ash (%)	0948	1.480	0.0180	1.486	0.0842	0.0373	13	-0.08	0%	0
032.31	Potassium, AAS, Dry ash (%)	0536	1.490	0.0000	1.486	0.0842	0.0373	13	0.04	0%	0
032.31	Potassium, AAS, Dry ash (%)	0563	1.499	0.0547	1.486	0.0842	0.0373	13	0.15	0%	0
032.31	Potassium, AAS, Dry ash (%)	0939	1.585	0.0100	1.486	0.0842	0.0373	13	1.17	3%	0
032.31	Potassium, AAS, Dry ash (%)	0142	1.742	0.0758	1.486	0.0842	0.0373	13	3.04	9%	0
032.31	Potassium, AAS, Dry ash (%)	0874	1.885	0.0300	1.486	0.0842	0.0373	13	4.74	13%	0
032.32	Potassium, AAS, Open vessel (%)	0169	1.160	0.0200				2			0
032.32	Potassium, AAS, Open vessel (%)	2246	1.525	0.0300				2			0
032.41	Potassium, ICP, Dry ash (%)	0720	1.185	0.0100	1.464	0.0823	0.0326	20	-3.39	10%	0
032.41	Potassium, ICP, Dry ash (%)	0358	1.315	0.0500	1.464	0.0823	0.0326	20	-1.81	5%	0
032.41	Potassium, ICP, Dry ash (%)	0144	1.395	0.0100	1.464	0.0823	0.0326	20	-0.84	2%	0
032.41	Potassium, ICP, Dry ash (%)	0405	1.402	0.0350	1.464	0.0823	0.0326	20	-0.76	2%	0
032.41	Potassium, ICP, Dry ash (%)	0148	1.410	0.0400	1.464	0.0823	0.0326	20	-0.65	2%	0
032.41	Potassium, ICP, Dry ash (%)	0910	1.415	0.1500	1.464	0.0823	0.0326	20	-0.59	2%	0
032.41	Potassium, ICP, Dry ash (%)	0049	1.420	0.0400	1.464	0.0823	0.0326	20	-0.53	1%	0
032.41	Potassium, ICP, Dry ash (%)	0354	1.430	0.0000	1.464	0.0823	0.0326	20	-0.41	1%	0
032.41	Potassium, ICP, Dry ash (%)	2012	1.450	0.0200	1.464	0.0823	0.0326	20	-0.17	0%	0
032.41	Potassium, ICP, Dry ash (%)	0139	1.451	0.0110	1.464	0.0823	0.0326	20	-0.16	0%	0
032.41	Potassium, ICP, Dry ash (%)	0074	1.465	0.0100	1.464	0.0823	0.0326	20	0.01	0%	0
032.41	Potassium, ICP, Dry ash (%)	0164	1.475	0.0300	1.464	0.0823	0.0326	20	0.14	0%	0
032.41	Potassium, ICP, Dry ash (%)	0229	1.483	0.0240	1.464	0.0823	0.0326	20	0.23	1%	0
032.41	Potassium, ICP, Dry ash (%)	0171	1.495	0.0100	1.464	0.0823	0.0326	20	0.38	1%	0
032.41	Potassium, ICP, Dry ash (%)	0003	1.515	0.0700	1.464	0.0823	0.0326	20	0.62	2%	0
032.41	Potassium, ICP, Dry ash (%)	0407	1.520	0.0296	1.464	0.0823	0.0326	20	0.68	2%	0
032.41	Potassium, ICP, Dry ash (%)	0226	1.530	0.0600	1.464	0.0823	0.0326	20	0.80	2%	0
032.41	Potassium, ICP, Dry ash (%)	0598	1.573	0.0120	1.464	0.0823	0.0326	20	1.33	4%	0
032.41	Potassium, ICP, Dry ash (%)	0098	1.580	0.0000	1.464	0.0823	0.0326	20	1.41	4%	0
032.41	Potassium, ICP, Dry ash (%)	0520	1.600	0.0400	1.464	0.0823	0.0326	20	1.66	5%	0
032.41	Potassium, ICP, Dry ash (%)	0511	1.675	0.2300	1.464	0.0823	0.0326	20	2.57	7%	1
032.42	Potassium, ICP, Open vessel (%)	0265	1.390	0.0200	1.465	0.0558	0.0292	15	-1.34	3%	0
032.42	Potassium, ICP, Open vessel (%)	0294	1.405	0.0100	1.465	0.0558	0.0292	15	-1.08	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
032.42	Potassium, ICP, Open vessel (%)	2129	1.415	0.0500	1.465	0.0558	0.0292	15	-0.90	2%	0
032.42	Potassium, ICP, Open vessel (%)	0045	1.420	0.0000	1.465	0.0558	0.0292	15	-0.81	2%	0
032.42	Potassium, ICP, Open vessel (%)	0405	1.436	0.0870	1.465	0.0558	0.0292	15	-0.53	1%	0
032.42	Potassium, ICP, Open vessel (%)	0278	1.440	0.0800	1.465	0.0558	0.0292	15	-0.45	1%	0
032.42	Potassium, ICP, Open vessel (%)	0035	1.450	0.0400	1.465	0.0558	0.0292	15	-0.27	1%	0
032.42	Potassium, ICP, Open vessel (%)	0186	1.456	0.0259	1.465	0.0558	0.0292	15	-0.16	0%	0
032.42	Potassium, ICP, Open vessel (%)	0870	1.462	0.0310	1.465	0.0558	0.0292	15	-0.06	0%	0
032.42	Potassium, ICP, Open vessel (%)	0042	1.495	0.0300	1.465	0.0558	0.0292	15	0.54	1%	0
032.42	Potassium, ICP, Open vessel (%)	0560	1.499	0.0152	1.465	0.0558	0.0292	15	0.62	1%	0
032.42	Potassium, ICP, Open vessel (%)	0693	1.510	0.0120	1.465	0.0558	0.0292	15	0.81	2%	0
032.42	Potassium, ICP, Open vessel (%)	0357	1.514	0.0062	1.465	0.0558	0.0292	15	0.88	2%	0
032.42	Potassium, ICP, Open vessel (%)	0263	1.534	0.0152	1.465	0.0558	0.0292	15	1.24	2%	0
032.42	Potassium, ICP, Open vessel (%)	0037	1.618	0.0150	1.465	0.0558	0.0292	15	2.74	5%	0
032.42	Potassium, ICP, Open vessel (%)	0366	1.555	0.2100	1.465	0.0558	0.0292	15	1.61	3%	1
032.43	Potassium, ICP, Microwave (%)	0089	1.220	0.0000	1.446	0.1096	0.0322	19	-2.06	8%	0
032.43	Potassium, ICP, Microwave (%)	0964	1.263	0.0187	1.446	0.1096	0.0322	19	-1.66	6%	0
032.43	Potassium, ICP, Microwave (%)	0425	1.330	0.0200	1.446	0.1096	0.0322	19	-1.05	4%	0
032.43	Potassium, ICP, Microwave (%)	0038	1.347	0.0010	1.446	0.1096	0.0322	19	-0.90	3%	0
032.43	Potassium, ICP, Microwave (%)	0675	1.360	0.0000	1.446	0.1096	0.0322	19	-0.78	3%	0
032.43	Potassium, ICP, Microwave (%)	0353	1.365	0.1300	1.446	0.1096	0.0322	19	-0.74	3%	0
032.43	Potassium, ICP, Microwave (%)	0968	1.383	0.0110	1.446	0.1096	0.0322	19	-0.58	2%	0
032.43	Potassium, ICP, Microwave (%)	0610	1.460	0.0000	1.446	0.1096	0.0322	19	0.13	0%	0
032.43	Potassium, ICP, Microwave (%)	0035	1.465	0.0100	1.446	0.1096	0.0322	19	0.18	1%	0
032.43	Potassium, ICP, Microwave (%)	0083	1.465	0.0300	1.446	0.1096	0.0322	19	0.18	1%	0
032.43	Potassium, ICP, Microwave (%)	0918	1.468	0.0090	1.446	0.1096	0.0322	19	0.20	1%	0
032.43	Potassium, ICP, Microwave (%)	0017	1.491	0.0600	1.446	0.1096	0.0322	19	0.41	2%	0
032.43	Potassium, ICP, Microwave (%)	0682	1.500	0.0000	1.446	0.1096	0.0322	19	0.50	2%	0
032.43	Potassium, ICP, Microwave (%)	2089	1.515	0.0100	1.446	0.1096	0.0322	19	0.63	2%	0
032.43	Potassium, ICP, Microwave (%)	0202	1.520	0.0340	1.446	0.1096	0.0322	19	0.68	3%	0
032.43	Potassium, ICP, Microwave (%)	0510	1.520	0.0000	1.446	0.1096	0.0322	19	0.68	3%	0
032.43	Potassium, ICP, Microwave (%)	0098	1.535	0.0300	1.446	0.1096	0.0322	19	0.82	3%	0
032.43	Potassium, ICP, Microwave (%)	0407	1.571	0.1342	1.446	0.1096	0.0322	19	1.15	4%	0
032.43	Potassium, ICP, Microwave (%)	0032	1.659	0.1140	1.446	0.1096	0.0322	19	1.95	7%	0
032.51	Potassium, ICP-MS, Dry ash (%)	2146	1.385	0.0100				1			0
032.52	Potassium, ICP-MS, Open vessel (%)	0154	1.255	0.0516				2			0
032.52	Potassium, ICP-MS, Open vessel (%)	0186	1.375	0.0102				2			0
032.53	Potassium, ICP-MS, Microwave (%)	0553	1.490	0.1200	1.498	0.0087	0.0700	4			0
032.53	Potassium, ICP-MS, Microwave (%)	0199	1.495	0.0300	1.498	0.0087	0.0700	4			0
032.53	Potassium, ICP-MS, Microwave (%)	0572	1.495	0.0500	1.498	0.0087	0.0700	4			0
032.53	Potassium, ICP-MS, Microwave (%)	0939	1.510	0.0800	1.498	0.0087	0.0700	4			0
032.99	Potassium, Miscellaneous (%)	0590	1.475	0.0700				3			0
032.99	Potassium, Miscellaneous (%)	0100	1.485	0.0500				3			0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
032.99	Potassium, Miscellaneous (%)	0242	1.525	0.0100				3			0
033.00	Salt as chloride, Sol Cl (%)	0897	0.0850	0.0100	0.1281	0.0270	0.0074	14	-1.60	17%	0
033.00	Salt as chloride, Sol Cl (%)	0885	0.0945	0.0017	0.1281	0.0270	0.0074	14	-1.25	13%	0
033.00	Salt as chloride, Sol Cl (%)	0045	0.1065	0.0110	0.1281	0.0270	0.0074	14	-0.80	8%	0
033.00	Salt as chloride, Sol Cl (%)	2062	0.1143	0.0031	0.1281	0.0270	0.0074	14	-0.51	5%	0
033.00	Salt as chloride, Sol Cl (%)	0366	0.1150	0.0100	0.1281	0.0270	0.0074	14	-0.48	5%	0
033.00	Salt as chloride, Sol Cl (%)	0539	0.1200	0.0000	0.1281	0.0270	0.0074	14	-0.30	3%	0
033.00	Salt as chloride, Sol Cl (%)	0884	0.1300	0.0000	0.1281	0.0270	0.0074	14	0.07	1%	0
033.00	Salt as chloride, Sol Cl (%)	2022	0.1300	0.0200	0.1281	0.0270	0.0074	14	0.07	1%	0
033.00	Salt as chloride, Sol Cl (%)	0693	0.1325	0.0090	0.1281	0.0270	0.0074	14	0.16	2%	0
033.00	Salt as chloride, Sol Cl (%)	0881	0.1350	0.0060	0.1281	0.0270	0.0074	14	0.26	3%	0
033.00	Salt as chloride, Sol Cl (%)	0353	0.1450	0.0100	0.1281	0.0270	0.0074	14	0.63	7%	0
033.00	Salt as chloride, Sol Cl (%)	2190	0.1541	0.0132	0.1281	0.0270	0.0074	14	0.97	10%	0
033.00	Salt as chloride, Sol Cl (%)	2076	0.1600	0.0000	0.1281	0.0270	0.0074	14	1.18	12%	0
033.00	Salt as chloride, Sol Cl (%)	2193	0.1850	0.0100	0.1281	0.0270	0.0074	14	2.11	22%	0
033.01	Salt as chloride, Poten Cl (%)	0083	0.0900	0.0000	0.1333	0.0184	0.0078	18	-2.36	16%	0
033.01	Salt as chloride, Poten Cl (%)	0425	0.0950	0.0100	0.1333	0.0184	0.0078	18	-2.09	14%	0
033.01	Salt as chloride, Poten Cl (%)	0148	0.1185	0.0070	0.1333	0.0184	0.0078	18	-0.81	6%	0
033.01	Salt as chloride, Poten Cl (%)	0354	0.1200	0.0000	0.1333	0.0184	0.0078	18	-0.73	5%	0
033.01	Salt as chloride, Poten Cl (%)	0407	0.1240	0.0000	0.1333	0.0184	0.0078	18	-0.51	3%	0
033.01	Salt as chloride, Poten Cl (%)	0590	0.1250	0.0100	0.1333	0.0184	0.0078	18	-0.45	3%	0
033.01	Salt as chloride, Poten Cl (%)	2109	0.1260	0.0020	0.1333	0.0184	0.0078	18	-0.40	3%	0
033.01	Salt as chloride, Poten Cl (%)	0164	0.1300	0.0000	0.1333	0.0184	0.0078	18	-0.18	1%	0
033.01	Salt as chloride, Poten Cl (%)	0242	0.1300	0.0000	0.1333	0.0184	0.0078	18	-0.18	1%	0
033.01	Salt as chloride, Poten Cl (%)	0948	0.1300	0.0000	0.1333	0.0184	0.0078	18	-0.18	1%	0
033.01	Salt as chloride, Poten Cl (%)	0683	0.1350	0.0100	0.1333	0.0184	0.0078	18	0.09	1%	0
033.01	Salt as chloride, Poten Cl (%)	0278	0.1400	0.0000	0.1333	0.0184	0.0078	18	0.36	3%	0
033.01	Salt as chloride, Poten Cl (%)	0229	0.1410	0.0020	0.1333	0.0184	0.0078	18	0.42	3%	0
033.01	Salt as chloride, Poten Cl (%)	0510	0.1480	0.0000	0.1333	0.0184	0.0078	18	0.80	6%	0
033.01	Salt as chloride, Poten Cl (%)	0100	0.1500	0.0400	0.1333	0.0184	0.0078	18	0.91	6%	0
033.01	Salt as chloride, Poten Cl (%)	0098	0.1550	0.0500	0.1333	0.0184	0.0078	18	1.18	8%	0
033.01	Salt as chloride, Poten Cl (%)	0199	0.1550	0.0100	0.1333	0.0184	0.0078	18	1.18	8%	0
033.01	Salt as chloride, Poten Cl (%)	0874	0.1980	0.0000	0.1333	0.0184	0.0078	18	3.52	24%	0
033.01	Salt as chloride, Poten Cl (%)	0226	0.1650	0.0700	0.1333	0.0184	0.0078	18	1.73	12%	1
033.01	Salt as chloride, Poten Cl (%)	0619	0.0000	0.0000	0.1333	0.0184	0.0078	18			4
033.03	Salt as chloride, Quantab (%)	0144	0.0650	0.0100				1			0
033.03	Salt as chloride, Quantab (%)	0265	< 0.12					1			5
033.05	Salt as chloride, Ion Sel Electrode (%)	0868	0.1100	0.0000				3			0
033.05	Salt as chloride, Ion Sel Electrode (%)	0689	0.1500	0.0000				3			0
033.05	Salt as chloride, Ion Sel Electrode (%)	2043	0.2950	0.0300				3			0
033.99	Salt, Miscellaneous (%)	0650	0.1100	0.0000	0.1899	0.0744	0.0050	7	-1.07	21%	0
033.99	Salt, Miscellaneous (%)	0682	0.1200	0.0000	0.1899	0.0744	0.0050	7	-0.94	18%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
033.99	Salt, Miscellaneous (%)	0910	0.1650	0.0100	0.1899	0.0744	0.0050	7	-0.34	7%	0
033.99	Salt, Miscellaneous (%)	2073	0.1700	0.0000	0.1899	0.0744	0.0050	7	-0.27	5%	0
033.99	Salt, Miscellaneous (%)	0358	0.2350	0.0100	0.1899	0.0744	0.0050	7	0.61	12%	0
033.99	Salt, Miscellaneous (%)	0017	0.2525	0.0090	0.1899	0.0744	0.0050	7	0.84	16%	0
033.99	Salt, Miscellaneous (%)	0032	0.2770	0.0060	0.1899	0.0744	0.0050	7	1.17	23%	0
034.01	Selenium, Fluor (mg / kg (ppm))	0038	0.3722	0.0082				1			0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0171	0.2961	0.0042				3			0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0169	0.3150	0.0100				3			0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0045	0.3245	0.0670				3			0
034.41	Selenium, ICP, Dry ash (mg / kg (ppm))	0619	0.3285	0.0230				3			0
034.41	Selenium, ICP, Dry ash (mg / kg (ppm))	0148	0.3450	0.0300				3			0
034.41	Selenium, ICP, Dry ash (mg / kg (ppm))	0407	1.685	0.7100				3			0
034.43	Selenium, ICP, Microwave (mg / kg (ppm))	0407	1.310	0.3200				1			0
034.52	Selenium, ICP-MS, Open vessel (mg / kg (ppm))	0047	0.3350	0.0100				3			0
034.52	Selenium, ICP-MS, Open vessel (mg / kg (ppm))	0910	0.3800	0.0600				3			0
034.52	Selenium, ICP-MS, Open vessel (mg / kg (ppm))	0186	0.3961	0.0010				3			0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	0610	0.3100	0.0200	0.4026	0.0955	0.0629	9	-0.97	12%	0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	0003	0.3140	0.1060	0.4026	0.0955	0.0629	9	-0.93	11%	0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	0164	0.3170	0.0080	0.4026	0.0955	0.0629	9	-0.90	11%	0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	0553	0.3695	0.0070	0.4026	0.0955	0.0629	9	-0.35	4%	0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	0560	0.3740	0.0080	0.4026	0.0955	0.0629	9	-0.30	4%	0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	0939	0.4400	0.1400	0.4026	0.0955	0.0629	9	0.39	5%	0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	2012	0.4685	0.0210	0.4026	0.0955	0.0629	9	0.69	8%	0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	0918	0.5144	0.0262	0.4026	0.0955	0.0629	9	1.17	14%	0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	0032	0.5160	0.2300	0.4026	0.0955	0.0629	9	1.19	14%	0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	0199	0.6050	0.5300	0.4026	0.0955	0.0629	9	2.12	25%	1
034.99	Selenium, Miscellaneous (mg / kg (ppm))	0190	1.395	0.0300				1			0
035.01	Sodium, Ion-selective electrode (%)	0868	0.1365	0.0010				1			0
035.02	Sodium, Em Spect (%)	0884	0.1100	0.0000				1			0
035.05	Sodium, Flame Emission (%)	0108	0.0950	0.0100	0.1125	0.0132	0.0035	4			0
035.05	Sodium, Flame Emission (%)	2248	0.1100	0.0000	0.1125	0.0132	0.0035	4			0
035.05	Sodium, Flame Emission (%)	2251	0.1200	0.0000	0.1125	0.0132	0.0035	4			0
035.05	Sodium, Flame Emission (%)	0037	0.1250	0.0040	0.1125	0.0132	0.0035	4			0
035.31	Sodium, AAS, Dry ash (%)	0596	0.0900	0.0000	0.1148	0.0188	0.0037	18	-1.32	11%	0
035.31	Sodium, AAS, Dry ash (%)	0175	0.0950	0.0100	0.1148	0.0188	0.0037	18	-1.05	9%	0
035.31	Sodium, AAS, Dry ash (%)	0939	0.1000	0.0000	0.1148	0.0188	0.0037	18	-0.79	6%	0
035.31	Sodium, AAS, Dry ash (%)	2246	0.1000	0.0000	0.1148	0.0188	0.0037	18	-0.79	6%	0
035.31	Sodium, AAS, Dry ash (%)	0563	0.1012	0.0026	0.1148	0.0188	0.0037	18	-0.72	6%	0
035.31	Sodium, AAS, Dry ash (%)	0948	0.1040	0.0040	0.1148	0.0188	0.0037	18	-0.58	5%	0
035.31	Sodium, AAS, Dry ash (%)	2018	0.1050	0.0100	0.1148	0.0188	0.0037	18	-0.52	4%	0
035.31	Sodium, AAS, Dry ash (%)	0142	0.1072	0.0081	0.1148	0.0188	0.0037	18	-0.41	3%	0
035.31	Sodium, AAS, Dry ash (%)	2146	0.1085	0.0010	0.1148	0.0188	0.0037	18	-0.34	3%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
035.31	Sodium, AAS, Dry ash (%)	0529	0.1145	0.0030	0.1148	0.0188	0.0037	18	-0.02	0%	0
035.31	Sodium, AAS, Dry ash (%)	0904	0.1150	0.0100	0.1148	0.0188	0.0037	18	0.01	0%	0
035.31	Sodium, AAS, Dry ash (%)	2196	0.1200	0.0000	0.1148	0.0188	0.0037	18	0.28	2%	0
035.31	Sodium, AAS, Dry ash (%)	2097	0.1213	0.0012	0.1148	0.0188	0.0037	18	0.35	3%	0
035.31	Sodium, AAS, Dry ash (%)	0622	0.1289	0.0039	0.1148	0.0188	0.0037	18	0.75	6%	0
035.31	Sodium, AAS, Dry ash (%)	0868	0.1300	0.0000	0.1148	0.0188	0.0037	18	0.81	7%	0
035.31	Sodium, AAS, Dry ash (%)	0874	0.1400	0.0000	0.1148	0.0188	0.0037	18	1.34	11%	0
035.31	Sodium, AAS, Dry ash (%)	0038	0.1925	0.0025	0.1148	0.0188	0.0037	18	4.14	34%	0
035.31	Sodium, AAS, Dry ash (%)	0683	0.2350	0.0100	0.1148	0.0188	0.0037	18	6.40	52%	0
035.31	Sodium, AAS, Dry ash (%)	0536	4.035	7.930	0.1148	0.0188	0.0037	18	208.79	1707%	2
035.32	Sodium, AAS, Open vessel (%)	0169	0.0850	0.0100				1			0
035.41	Sodium, ICP, Dry ash (%)	0144	0.0900	0.0000	0.1048	0.0070	0.0057	20	-2.12	7%	0
035.41	Sodium, ICP, Dry ash (%)	0148	0.0950	0.0100	0.1048	0.0070	0.0057	20	-1.40	5%	0
035.41	Sodium, ICP, Dry ash (%)	0358	0.0950	0.0100	0.1048	0.0070	0.0057	20	-1.40	5%	0
035.41	Sodium, ICP, Dry ash (%)	0049	0.1000	0.0000	0.1048	0.0070	0.0057	20	-0.69	2%	0
035.41	Sodium, ICP, Dry ash (%)	0164	0.1000	0.0000	0.1048	0.0070	0.0057	20	-0.69	2%	0
035.41	Sodium, ICP, Dry ash (%)	0298	0.1000	0.0200	0.1048	0.0070	0.0057	20	-0.69	2%	0
035.41	Sodium, ICP, Dry ash (%)	0229	0.1025	0.0050	0.1048	0.0070	0.0057	20	-0.33	1%	0
035.41	Sodium, ICP, Dry ash (%)	0405	0.1040	0.0040	0.1048	0.0070	0.0057	20	-0.11	0%	0
035.41	Sodium, ICP, Dry ash (%)	0098	0.1050	0.0100	0.1048	0.0070	0.0057	20	0.03	0%	0
035.41	Sodium, ICP, Dry ash (%)	0520	0.1050	0.0100	0.1048	0.0070	0.0057	20	0.03	0%	0
035.41	Sodium, ICP, Dry ash (%)	2012	0.1050	0.0100	0.1048	0.0070	0.0057	20	0.03	0%	0
035.41	Sodium, ICP, Dry ash (%)	0407	0.1051	0.0004	0.1048	0.0070	0.0057	20	0.05	0%	0
035.41	Sodium, ICP, Dry ash (%)	0598	0.1054	0.0003	0.1048	0.0070	0.0057	20	0.08	0%	0
035.41	Sodium, ICP, Dry ash (%)	0619	0.1090	0.0040	0.1048	0.0070	0.0057	20	0.61	2%	0
035.41	Sodium, ICP, Dry ash (%)	0171	0.1100	0.0000	0.1048	0.0070	0.0057	20	0.75	2%	0
035.41	Sodium, ICP, Dry ash (%)	0226	0.1100	0.0000	0.1048	0.0070	0.0057	20	0.75	2%	0
035.41	Sodium, ICP, Dry ash (%)	0354	0.1100	0.0000	0.1048	0.0070	0.0057	20	0.75	2%	0
035.41	Sodium, ICP, Dry ash (%)	0910	0.1100	0.0200	0.1048	0.0070	0.0057	20	0.75	2%	0
035.41	Sodium, ICP, Dry ash (%)	0720	0.1150	0.0100	0.1048	0.0070	0.0057	20	1.47	5%	0
035.41	Sodium, ICP, Dry ash (%)	0139	0.1495	0.0010	0.1048	0.0070	0.0057	20	6.43	21%	0
035.42	Sodium, ICP, Open vessel (%)	0265	0.0900	0.0000	0.1024	0.0090	0.0045	13	-1.37	6%	0
035.42	Sodium, ICP, Open vessel (%)	0294	0.0900	0.0000	0.1024	0.0090	0.0045	13	-1.37	6%	0
035.42	Sodium, ICP, Open vessel (%)	0366	0.0975	0.0150	0.1024	0.0090	0.0045	13	-0.54	2%	0
035.42	Sodium, ICP, Open vessel (%)	0263	0.0995	0.0010	0.1024	0.0090	0.0045	13	-0.32	1%	0
035.42	Sodium, ICP, Open vessel (%)	0035	0.1000	0.0000	0.1024	0.0090	0.0045	13	-0.26	1%	0
035.42	Sodium, ICP, Open vessel (%)	0045	0.1000	0.0000	0.1024	0.0090	0.0045	13	-0.26	1%	0
035.42	Sodium, ICP, Open vessel (%)	0870	0.1019	0.0015	0.1024	0.0090	0.0045	13	-0.06	0%	0
035.42	Sodium, ICP, Open vessel (%)	0560	0.1028	0.0005	0.1024	0.0090	0.0045	13	0.04	0%	0
035.42	Sodium, ICP, Open vessel (%)	0693	0.1035	0.0030	0.1024	0.0090	0.0045	13	0.12	1%	0
035.42	Sodium, ICP, Open vessel (%)	0405	0.1065	0.0030	0.1024	0.0090	0.0045	13	0.46	2%	0
035.42	Sodium, ICP, Open vessel (%)	0042	0.1075	0.0090	0.1024	0.0090	0.0045	13	0.57	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
035.42	Sodium, ICP, Open vessel (%)	0278	0.1200	0.0200	0.1024	0.0090	0.0045	13	1.95	9%	0
035.42	Sodium, ICP, Open vessel (%)	0186	0.1262	0.0052	0.1024	0.0090	0.0045	13	2.63	12%	0
035.43	Sodium, ICP, Microwave (%)	2192	0.0800	0.0000	0.1057	0.0131	0.0040	20	-1.96	12%	0
035.43	Sodium, ICP, Microwave (%)	0505	0.0900	0.0200	0.1057	0.0131	0.0040	20	-1.19	7%	0
035.43	Sodium, ICP, Microwave (%)	0964	0.0927	0.0002	0.1057	0.0131	0.0040	20	-0.99	6%	0
035.43	Sodium, ICP, Microwave (%)	0918	0.0960	0.0000	0.1057	0.0131	0.0040	20	-0.74	5%	0
035.43	Sodium, ICP, Microwave (%)	0017	0.0995	0.0030	0.1057	0.0131	0.0040	20	-0.47	3%	0
035.43	Sodium, ICP, Microwave (%)	0035	0.1000	0.0000	0.1057	0.0131	0.0040	20	-0.43	3%	0
035.43	Sodium, ICP, Microwave (%)	0098	0.1000	0.0000	0.1057	0.0131	0.0040	20	-0.43	3%	0
035.43	Sodium, ICP, Microwave (%)	0610	0.1000	0.0000	0.1057	0.0131	0.0040	20	-0.43	3%	0
035.43	Sodium, ICP, Microwave (%)	0682	0.1000	0.0000	0.1057	0.0131	0.0040	20	-0.43	3%	0
035.43	Sodium, ICP, Microwave (%)	0510	0.1020	0.0000	0.1057	0.0131	0.0040	20	-0.28	2%	0
035.43	Sodium, ICP, Microwave (%)	0038	0.1035	0.0090	0.1057	0.0131	0.0040	20	-0.16	1%	0
035.43	Sodium, ICP, Microwave (%)	0353	0.1050	0.0100	0.1057	0.0131	0.0040	20	-0.05	0%	0
035.43	Sodium, ICP, Microwave (%)	0202	0.1095	0.0030	0.1057	0.0131	0.0040	20	0.29	2%	0
035.43	Sodium, ICP, Microwave (%)	0083	0.1100	0.0000	0.1057	0.0131	0.0040	20	0.33	2%	0
035.43	Sodium, ICP, Microwave (%)	0881	0.1105	0.0030	0.1057	0.0131	0.0040	20	0.37	2%	0
035.43	Sodium, ICP, Microwave (%)	0407	0.1129	0.0012	0.1057	0.0131	0.0040	20	0.55	3%	0
035.43	Sodium, ICP, Microwave (%)	2089	0.1200	0.0000	0.1057	0.0131	0.0040	20	1.09	7%	0
035.43	Sodium, ICP, Microwave (%)	0425	0.1250	0.0100	0.1057	0.0131	0.0040	20	1.47	9%	0
035.43	Sodium, ICP, Microwave (%)	0675	0.1300	0.0200	0.1057	0.0131	0.0040	20	1.86	12%	0
035.43	Sodium, ICP, Microwave (%)	0089	0.2000	0.0000	0.1057	0.0131	0.0040	20	7.19	45%	0
035.51	Sodium, ICP-MS, Dry ash (%)	2146	0.1015	0.0010				1			0
035.52	Sodium, ICP-MS, Open vessel (%)	0154	0.1003	0.0043				2			0
035.52	Sodium, ICP-MS, Open vessel (%)	0186	0.1084	0.0038				2			0
035.53	Sodium, ICP-MS, Microwave (%)	0553	0.0970	0.0060				3			0
035.53	Sodium, ICP-MS, Microwave (%)	0939	0.1100	0.0000				3			0
035.53	Sodium, ICP-MS, Microwave (%)	0572	0.9755	0.0190				3			0
035.53	Sodium, ICP-MS, Microwave (%)	0199	< 0.1					3			5
035.99	Sodium, Miscellaneous (%)	0242	0.1000	0.0000				3			0
035.99	Sodium, Miscellaneous (%)	0100	0.1050	0.0100				3			0
035.99	Sodium, Miscellaneous (%)	0590	0.1100	0.0000				3			0
035.99	Sodium, Miscellaneous (%)	2129	0.9865	0.0030				3			2
036.04	Sulfur, LECO (%)	0229	0.3815	0.0130				3			0
036.04	Sulfur, LECO (%)	0148	0.3890	0.0020				3			0
036.04	Sulfur, LECO (%)	0226	0.4400	0.0200				3			0
036.42	Sulfur, ICP, Open vessel (%)	0037	0.1615	0.0010	0.3575	0.0335	0.0100	20	-5.86	27%	0
036.42	Sulfur, ICP, Open vessel (%)	0229	0.2750	0.0100	0.3575	0.0335	0.0100	20	-2.47	12%	0
036.42	Sulfur, ICP, Open vessel (%)	0294	0.3150	0.0100	0.3575	0.0335	0.0100	20	-1.27	6%	0
036.42	Sulfur, ICP, Open vessel (%)	0405	0.3290	0.0280	0.3575	0.0335	0.0100	20	-0.85	4%	0
036.42	Sulfur, ICP, Open vessel (%)	0366	0.3300	0.0400	0.3575	0.0335	0.0100	20	-0.82	4%	0
036.42	Sulfur, ICP, Open vessel (%)	0278	0.3300	0.0200	0.3575	0.0335	0.0100	20	-0.82	4%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
036.42	Sulfur, ICP, Open vessel (%)	0870	0.3437	0.0078	0.3575	0.0335	0.0100	20	-0.41	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0045	0.3590	0.0020	0.3575	0.0335	0.0100	20	0.04	0%	0
036.42	Sulfur, ICP, Open vessel (%)	0357	0.3598	0.0027	0.3575	0.0335	0.0100	20	0.07	0%	0
036.42	Sulfur, ICP, Open vessel (%)	0265	0.3650	0.0100	0.3575	0.0335	0.0100	20	0.22	1%	0
036.42	Sulfur, ICP, Open vessel (%)	2129	0.3660	0.0160	0.3575	0.0335	0.0100	20	0.25	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0186	0.3668	0.0079	0.3575	0.0335	0.0100	20	0.28	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0693	0.3670	0.0000	0.3575	0.0335	0.0100	20	0.28	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0164	0.3700	0.0000	0.3575	0.0335	0.0100	20	0.37	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0560	0.3746	0.0117	0.3575	0.0335	0.0100	20	0.51	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0708	0.3775	0.0030	0.3575	0.0335	0.0100	20	0.60	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0726	0.3898	0.0001	0.3575	0.0335	0.0100	20	0.96	5%	0
036.42	Sulfur, ICP, Open vessel (%)	0035	0.3900	0.0200	0.3575	0.0335	0.0100	20	0.97	5%	0
036.42	Sulfur, ICP, Open vessel (%)	0190	0.3950	0.0100	0.3575	0.0335	0.0100	20	1.12	5%	0
036.42	Sulfur, ICP, Open vessel (%)	0171	0.4200	0.0000	0.3575	0.0335	0.0100	20	1.87	9%	0
036.43	Sulfur, ICP, Microwave (%)	0353	0.3250	0.0100	0.3705	0.0235	0.0047	11	-1.94	6%	0
036.43	Sulfur, ICP, Microwave (%)	0918	0.3530	0.0020	0.3705	0.0235	0.0047	11	-0.75	2%	0
036.43	Sulfur, ICP, Microwave (%)	0038	0.3565	0.0010	0.3705	0.0235	0.0047	11	-0.60	2%	0
036.43	Sulfur, ICP, Microwave (%)	0035	0.3600	0.0000	0.3705	0.0235	0.0047	11	-0.45	1%	0
036.43	Sulfur, ICP, Microwave (%)	0083	0.3600	0.0000	0.3705	0.0235	0.0047	11	-0.45	1%	0
036.43	Sulfur, ICP, Microwave (%)	0169	0.3650	0.0100	0.3705	0.0235	0.0047	11	-0.23	1%	0
036.43	Sulfur, ICP, Microwave (%)	0407	0.3718	0.0010	0.3705	0.0235	0.0047	11	0.05	0%	0
036.43	Sulfur, ICP, Microwave (%)	0202	0.3895	0.0050	0.3705	0.0235	0.0047	11	0.81	3%	0
036.43	Sulfur, ICP, Microwave (%)	0098	0.3897	0.0127	0.3705	0.0235	0.0047	11	0.81	3%	0
036.43	Sulfur, ICP, Microwave (%)	0510	0.3900	0.0000	0.3705	0.0235	0.0047	11	0.83	3%	0
036.43	Sulfur, ICP, Microwave (%)	2089	0.4050	0.0100	0.3705	0.0235	0.0047	11	1.47	5%	0
036.43	Sulfur, ICP, Microwave (%)	0032	0.3860	0.0528	0.3705	0.0235	0.0047	11	0.66	2%	1
036.52	Sulfur, ICP-MS, Open vessel (%)	0910	0.3547	0.0027				2			0
036.52	Sulfur, ICP-MS, Open vessel (%)	0186	0.3566	0.0034				2			0
036.53	Sulfur, ICP-MS, Microwave (%)	0553	0.3805	0.0310				1			0
036.99	Sulfur, Miscellaneous (%)	0242	0.3600	0.0000				1			0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0529	91.95	2.900	98.44	4.852	1.999	16	-1.34	3%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	2062	93.92	1.000	98.44	4.852	1.999	16	-0.93	2%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0884	94.50	1.400	98.44	4.852	1.999	16	-0.81	2%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0939	94.66	0.0000	98.44	4.852	1.999	16	-0.78	2%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	2097	95.00	0.0000	98.44	4.852	1.999	16	-0.71	2%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	2196	95.10	0.0000	98.44	4.852	1.999	16	-0.69	2%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0904	96.45	3.100	98.44	4.852	1.999	16	-0.41	1%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	2248	97.69	2.410	98.44	4.852	1.999	16	-0.16	0%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	2022	98.47	0.4490	98.44	4.852	1.999	16	0.01	0%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0868	98.50	1.000	98.44	4.852	1.999	16	0.01	0%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0536	99.38	1.950	98.44	4.852	1.999	16	0.19	0%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0001	102.7	2.400	98.44	4.852	1.999	16	0.88	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	2146	103.4	2.280	98.44	4.852	1.999	16	1.03	3%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0563	103.6	6.102	98.44	4.852	1.999	16	1.07	3%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0874	104.0	4.000	98.44	4.852	1.999	16	1.15	3%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0175	106.5	3.000	98.44	4.852	1.999	16	1.66	4%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	2188	368.4	105.4	98.44	4.852	1.999	16	55.64	137%	2
037.32	Zinc, AAS, Open vessel (mg / kg (ppm))	2128	39.65	78.44				3			0
037.32	Zinc, AAS, Open vessel (mg / kg (ppm))	0014	98.10	2.800				3			0
037.32	Zinc, AAS, Open vessel (mg / kg (ppm))	0038	105.9	12.30				3			0
037.33	Zinc, AAS, Microwave (mg / kg (ppm))	0948	97.45	0.8160				3			0
037.33	Zinc, AAS, Microwave (mg / kg (ppm))	0010	100.0	0.0000				3			0
037.33	Zinc, AAS, Microwave (mg / kg (ppm))	2246	104.5	1.000				3			0
037.33	Zinc, AAS, Microwave (mg / kg (ppm))	2178	107.5	25.00				3			1
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0511	91.00	4.000	100.7	7.392	4.240	21	-1.31	5%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0358	92.87	4.000	100.7	7.392	4.240	21	-1.05	4%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0164	93.00	6.000	100.7	7.392	4.240	21	-1.04	4%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0848	94.34	0.4500	100.7	7.392	4.240	21	-0.86	3%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0354	94.37	0.0300	100.7	7.392	4.240	21	-0.85	3%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0226	95.23	8.220	100.7	7.392	4.240	21	-0.74	3%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0720	95.78	1.040	100.7	7.392	4.240	21	-0.66	2%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0049	97.14	2.870	100.7	7.392	4.240	21	-0.48	2%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	2012	97.69	2.760	100.7	7.392	4.240	21	-0.40	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0229	99.65	13.71	100.7	7.392	4.240	21	-0.14	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0074	100.5	15.00	100.7	7.392	4.240	21	-0.02	0%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0148	100.6	2.040	100.7	7.392	4.240	21	-0.01	0%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0619	102.0	4.000	100.7	7.392	4.240	21	0.18	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0598	102.6	0.4000	100.7	7.392	4.240	21	0.26	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0171	103.1	0.3000	100.7	7.392	4.240	21	0.32	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0520	104.5	1.000	100.7	7.392	4.240	21	0.52	2%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0098	107.0	5.900	100.7	7.392	4.240	21	0.85	3%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0407	107.5	0.6631	100.7	7.392	4.240	21	0.93	3%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0004	111.8	11.58	100.7	7.392	4.240	21	1.51	6%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0910	112.5	1.000	100.7	7.392	4.240	21	1.60	6%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0405	124.7	4.070	100.7	7.392	4.240	21	3.26	12%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0003	127.0	34.00	100.7	7.392	4.240	21	3.56	13%	1
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0278	69.60	4.400	101.2	11.91	3.909	19	-2.66	16%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0870	86.79	3.170	101.2	11.91	3.909	19	-1.21	7%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0294	88.00	2.400	101.2	11.91	3.909	19	-1.11	7%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0366	92.00	6.000	101.2	11.91	3.909	19	-0.77	5%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0265	93.30	6.000	101.2	11.91	3.909	19	-0.66	4%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0186	94.00	4.000	101.2	11.91	3.909	19	-0.61	4%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0263	94.89	0.2600	101.2	11.91	3.909	19	-0.53	3%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0009	97.00	8.000	101.2	11.91	3.909	19	-0.35	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0045	100.8	6.400	101.2	11.91	3.909	19	-0.04	0%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0693	101.1	2.780	101.2	11.91	3.909	19	-0.01	0%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0560	101.9	10.10	101.2	11.91	3.909	19	0.05	0%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0026	104.3	1.198	101.2	11.91	3.909	19	0.26	2%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0042	106.0	2.000	101.2	11.91	3.909	19	0.40	2%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0357	107.8	1.317	101.2	11.91	3.909	19	0.55	3%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0190	109.4	3.420	101.2	11.91	3.909	19	0.69	4%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0726	110.3	0.3000	101.2	11.91	3.909	19	0.76	4%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0035	115.0	2.000	101.2	11.91	3.909	19	1.16	7%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0037	118.3	2.200	101.2	11.91	3.909	19	1.43	8%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0405	198.0	8.330	101.2	11.91	3.909	19	8.13	48%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0610	81.50	1.000	103.1	10.28	3.489	21	-2.10	10%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0918	89.61	0.0700	103.1	10.28	3.489	21	-1.31	7%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0017	91.88	5.107	103.1	10.28	3.489	21	-1.09	5%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0169	95.25	6.500	103.1	10.28	3.489	21	-0.76	4%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0675	95.26	10.95	103.1	10.28	3.489	21	-0.76	4%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0083	95.50	1.000	103.1	10.28	3.489	21	-0.74	4%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0682	97.34	0.0000	103.1	10.28	3.489	21	-0.56	3%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	2089	98.71	1.590	103.1	10.28	3.489	21	-0.42	2%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0968	100.5	1.000	103.1	10.28	3.489	21	-0.25	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0964	101.6	0.9440	103.1	10.28	3.489	21	-0.14	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	2192	102.2	7.640	103.1	10.28	3.489	21	-0.09	0%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0425	103.5	1.050	103.1	10.28	3.489	21	0.04	0%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0510	106.0	0.0000	103.1	10.28	3.489	21	0.28	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0038	106.1	9.900	103.1	10.28	3.489	21	0.29	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0202	106.8	7.634	103.1	10.28	3.489	21	0.36	2%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0032	110.9	0.3000	103.1	10.28	3.489	21	0.76	4%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0027	111.6	1.576	103.1	10.28	3.489	21	0.83	4%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0035	113.0	2.000	103.1	10.28	3.489	21	0.97	5%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0098	115.3	4.100	103.1	10.28	3.489	21	1.18	6%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0353	117.5	1.000	103.1	10.28	3.489	21	1.40	7%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0407	122.6	9.910	103.1	10.28	3.489	21	1.90	9%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0505	100.9	19.33	103.1	10.28	3.489	21	-0.21	1%	1
037.44	Zinc, ICP, Dry ash (mg / kg (ppm))	0066	97.73	2.120				1			0
037.51	Zinc, ICP-MS, Dry ash (mg / kg (ppm))	2146	99.54	2.670				1			0
037.52	Zinc, ICP-MS, Open vessel (mg / kg (ppm))	0186	114.5	13.00				2			0
037.52	Zinc, ICP-MS, Open vessel (mg / kg (ppm))	0047	154.6	9.700				2			0
037.53	Zinc, ICP-MS, Microwave (mg / kg (ppm))	0939	92.02	0.8900	99.11	4.860	2.615	4			0
037.53	Zinc, ICP-MS, Microwave (mg / kg (ppm))	0553	100.3	5.400	99.11	4.860	2.615	4			0
037.53	Zinc, ICP-MS, Microwave (mg / kg (ppm))	0199	101.1	2.170	99.11	4.860	2.615	4			0
037.53	Zinc, ICP-MS, Microwave (mg / kg (ppm))	0572	103.0	2.000	99.11	4.860	2.615	4			0
037.99	Zinc, Miscellaneous (mg / kg (ppm))	0242	93.00	0.0000				3			0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
037.99	Zinc, Miscellaneous (mg / kg (ppm))	2129	93.40	0.2000				3			0
037.99	Zinc, Miscellaneous (mg / kg (ppm))	0100	115.0	2.000				3			0
037.99	Zinc, Miscellaneous (mg / kg (ppm))	0590	102.9	8.300				3			1
038.41	Molybdenum, ICP, Dry ash (mg / kg (ppm))	0171	1.475	0.0100				3			0
038.41	Molybdenum, ICP, Dry ash (mg / kg (ppm))	0407	1.635	0.2621				3			0
038.41	Molybdenum, ICP, Dry ash (mg / kg (ppm))	0226	1.975	0.0900				3			0
038.42	Molybdenum, ICP, Open vessel (mg / kg (ppm))	0278	1.620	0.1600				3			0
038.42	Molybdenum, ICP, Open vessel (mg / kg (ppm))	0693	1.811	0.0470				3			0
038.42	Molybdenum, ICP, Open vessel (mg / kg (ppm))	0045	2.465	0.4500				3			0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0964	1.679	0.0056	1.791	0.1044	0.0892	6	-1.08	3%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0407	1.721	0.4000	1.791	0.1044	0.0892	6	-0.67	2%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0083	1.800	0.0000	1.791	0.1044	0.0892	6	0.08	0%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0169	1.800	0.0600	1.791	0.1044	0.0892	6	0.08	0%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0510	1.800	0.0000	1.791	0.1044	0.0892	6	0.08	0%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0353	2.173	0.0698	1.791	0.1044	0.0892	6	3.66	11%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0038	4.972	1.876	1.791	0.1044	0.0892	6	30.47	89%	1
038.52	Molybdenum, ICP-MS, Open vessel (mg / kg (ppm))	0186	1.490	0.1200				2			0
038.52	Molybdenum, ICP-MS, Open vessel (mg / kg (ppm))	0910	1.560	0.1000				2			0
038.53	Molybdenum, ICP-MS, Microwave (mg / kg (ppm))	0164	1.775	0.0500				3			0
038.53	Molybdenum, ICP-MS, Microwave (mg / kg (ppm))	0918	1.829	0.0092				3			0
038.53	Molybdenum, ICP-MS, Microwave (mg / kg (ppm))	0553	1.970	0.1400				3			0
040.42	Barium, ICP, Open vessel (mg / kg (ppm))	0560	15.97	0.6700				1			0
040.53	Barium, ICP-MS, Microwave (mg / kg (ppm))	0918	14.18	0.2986				1			0
041.53	Vanadium, ICP-MS, Microwave (mg / kg (ppm))	0553	1.230	0.1200				1			0
042.00	Chloride, Titrimetric (%)	0948	0.0790	0.0000				1			0
102.01	Niacin, Microbiological (mg / kg (ppm))	0227	111.5	1.000				1			0
103.01	Pantothenic Acid, Microbiological (mg / kg (ppm))	0227	13.25	0.9000				1			0
104.00	Riboflavin, Fluorometric (mg / kg (ppm))	0227	3.780	0.5800				1			0
104.03	Riboflavin, LC (mg / kg (ppm))	0910	1.545	0.2100				3			0
104.03	Riboflavin, LC (mg / kg (ppm))	0010	2.450	0.1000				3			0
104.03	Riboflavin, LC (mg / kg (ppm))	0939	4.240	0.0800				3			0
105.00	Thiamine, LC (mg / kg (ppm))	0010	4.300	0.2000				3			0
105.00	Thiamine, LC (mg / kg (ppm))	0910	4.580	0.2600				3			0
105.00	Thiamine, LC (mg / kg (ppm))	0939	9.045	0.5500				3			0
105.01	Thiamine, Fluorometer (mg / kg (ppm))	0227	6.230	0.8400				1			0
106.00	Vitamin A, Color (KU / kg)	0171	0.6800	0.0400				1			0
106.01	Vitamin A, UV (KU / kg)	0098	< 0.8					0			5
106.02	Vitamin A, LC (KU / kg)	0619	0.2685	0.0050	2.311	3.256	0.6342	6	-0.63	44%	0
106.02	Vitamin A, LC (KU / kg)	0676	0.3000	0.0000	2.311	3.256	0.6342	6	-0.62	44%	0
106.02	Vitamin A, LC (KU / kg)	0148	0.4850	0.2300	2.311	3.256	0.6342	6	-0.56	40%	0
106.02	Vitamin A, LC (KU / kg)	0905	1.180	0.0000	2.311	3.256	0.6342	6	-0.35	24%	0
106.02	Vitamin A, LC (KU / kg)	0038	4.440	1.360	2.311	3.256	0.6342	6	0.65	46%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
106.02	Vitamin A, LC (KU / kg)	0675	7.935	2.210	2.311	3.256	0.6342	6	1.73	122%	0
106.02	Vitamin A, LC (KU / kg)	0199	< 0.2		2.311	3.256	0.6342	6			5
106.02	Vitamin A, LC (KU / kg)	0910	< 1		2.311	3.256	0.6342	6			5
106.02	Vitamin A, LC (KU / kg)	2053	< 1		2.311	3.256	0.6342	6			5
107.00	Vitamin B12, Microbiological (µg / kg (ppb))	0227	< 0.004					0			5
108.02	Vitamin D3, LC (KU / kg)	0619	0.0745	0.0030				3			0
108.02	Vitamin D3, LC (KU / kg)	0675	1.440	0.0400				3			0
108.02	Vitamin D3, LC (KU / kg)	0676	3.340	0.2400				3			0
108.02	Vitamin D3, LC (KU / kg)	0910	< 0.5					3			5
109.02	Vitamin E, LC (IU / kg)	0610	19.00	0.0000	24.77	6.297	2.011	12	-0.92	12%	0
109.02	Vitamin E, LC (IU / kg)	0910	19.45	2.500	24.77	6.297	2.011	12	-0.84	11%	0
109.02	Vitamin E, LC (IU / kg)	0676	20.43	0.5100	24.77	6.297	2.011	12	-0.69	9%	0
109.02	Vitamin E, LC (IU / kg)	0227	22.05	1.500	24.77	6.297	2.011	12	-0.43	5%	0
109.02	Vitamin E, LC (IU / kg)	0563	22.13	1.040	24.77	6.297	2.011	12	-0.42	5%	0
109.02	Vitamin E, LC (IU / kg)	0036	22.15	0.9000	24.77	6.297	2.011	12	-0.42	5%	0
109.02	Vitamin E, LC (IU / kg)	0199	22.70	1.030	24.77	6.297	2.011	12	-0.33	4%	0
109.02	Vitamin E, LC (IU / kg)	0619	23.00	2.000	24.77	6.297	2.011	12	-0.28	4%	0
109.02	Vitamin E, LC (IU / kg)	0148	26.07	5.540	24.77	6.297	2.011	12	0.21	3%	0
109.02	Vitamin E, LC (IU / kg)	0905	31.84	2.570	24.77	6.297	2.011	12	1.12	14%	0
109.02	Vitamin E, LC (IU / kg)	0675	54.55	6.240	24.77	6.297	2.011	12	4.73	60%	0
109.02	Vitamin E, LC (IU / kg)	0590	56.45	0.3000	24.77	6.297	2.011	12	5.03	64%	0
109.02	Vitamin E, LC (IU / kg)	0098	< 40		24.77	6.297	2.011	12			5
109.99	Vitamin E, Miscellaneous (IU / kg)	0904	< 5					0			5
112.01	Pyridoxine, LC (µg / g)	0010	2.100	0.8000				2			0
112.01	Pyridoxine, LC (µg / g)	0939	4.995	0.2100				2			0
114.01	Biotin, Microbiological (mg / kg (ppm))	0227	296.8	592.4				1			0
118.99	Peroxide value, Miscellaneous (meq/kg)	2081	4.000	2.640				1			0
120.00	Alanine, Post-col Ninhydrin Der (%)	0353	1.285	0.0700	1.493	0.0595	0.0210	20	-3.50	7%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0675	1.290	0.0200	1.493	0.0595	0.0210	20	-3.41	7%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0968	1.425	0.0010	1.493	0.0595	0.0210	20	-1.15	2%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0918	1.428	0.0407	1.493	0.0595	0.0210	20	-1.09	2%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0910	1.430	0.0400	1.493	0.0595	0.0210	20	-1.06	2%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0652	1.470	0.0400	1.493	0.0595	0.0210	20	-0.39	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0684	1.470	0.0200	1.493	0.0595	0.0210	20	-0.39	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	2059	1.481	0.0120	1.493	0.0595	0.0210	20	-0.20	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0682	1.501	0.0000	1.493	0.0595	0.0210	20	0.13	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0571	1.502	0.0170	1.493	0.0595	0.0210	20	0.14	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0644	1.503	0.0080	1.493	0.0595	0.0210	20	0.17	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0872	1.512	0.0130	1.493	0.0595	0.0210	20	0.31	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0354	1.523	0.0080	1.493	0.0595	0.0210	20	0.50	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0868	1.524	0.0010	1.493	0.0595	0.0210	20	0.51	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0504	1.525	0.0100	1.493	0.0595	0.0210	20	0.54	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
120.00	Alanine, Post-col Ninhydrin Der (%)	0939	1.535	0.0100	1.493	0.0595	0.0210	20	0.70	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0227	1.540	0.0200	1.493	0.0595	0.0210	20	0.79	2%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0870	1.546	0.0095	1.493	0.0595	0.0210	20	0.89	2%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0859	1.558	0.0097	1.493	0.0595	0.0210	20	1.08	2%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0619	1.595	0.0700	1.493	0.0595	0.0210	20	1.71	3%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0226	1.520	0.1396	1.493	0.0595	0.0210	20	0.46	1%	1
120.02	Alanine, Post-col OPA Der (%)	0098	1.557	0.0050				1			0
120.05	Alanine, Pre-col AQC Der (%)	2246	1.395	0.0700	1.504	0.1042	0.0201	7	-1.05	4%	0
120.05	Alanine, Pre-col AQC Der (%)	0610	1.425	0.0100	1.504	0.1042	0.0201	7	-0.76	3%	0
120.05	Alanine, Pre-col AQC Der (%)	0626	1.444	0.0010	1.504	0.1042	0.0201	7	-0.58	2%	0
120.05	Alanine, Pre-col AQC Der (%)	0676	1.475	0.0100	1.504	0.1042	0.0201	7	-0.28	1%	0
120.05	Alanine, Pre-col AQC Der (%)	2188	1.570	0.0000	1.504	0.1042	0.0201	7	0.63	2%	0
120.05	Alanine, Pre-col AQC Der (%)	2196	1.585	0.0000	1.504	0.1042	0.0201	7	0.78	3%	0
120.05	Alanine, Pre-col AQC Der (%)	0148	1.635	0.0500	1.504	0.1042	0.0201	7	1.26	4%	0
120.05	Alanine, Pre-col AQC Der (%)	0407	1.728	0.1910	1.504	0.1042	0.0201	7	2.14	7%	1
120.99	Alanine, Miscellaneous (%)	0889	1.414	0.0138				1			0
121.00	Arginine, Post-col Ninhydrin Der (%)	0675	2.220	0.0200	2.582	0.0871	0.0382	20	-4.15	7%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0868	2.377	0.0190	2.582	0.0871	0.0382	20	-2.35	4%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0918	2.383	0.0218	2.582	0.0871	0.0382	20	-2.27	4%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0968	2.484	0.0510	2.582	0.0871	0.0382	20	-1.13	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0353	2.525	0.0300	2.582	0.0871	0.0382	20	-0.65	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0939	2.540	0.0600	2.582	0.0871	0.0382	20	-0.48	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0227	2.560	0.0400	2.582	0.0871	0.0382	20	-0.25	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0682	2.564	0.0000	2.582	0.0871	0.0382	20	-0.20	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0354	2.591	0.0190	2.582	0.0871	0.0382	20	0.10	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0870	2.599	0.0146	2.582	0.0871	0.0382	20	0.20	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0684	2.600	0.0600	2.582	0.0871	0.0382	20	0.21	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0644	2.613	0.0110	2.582	0.0871	0.0382	20	0.36	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	2059	2.620	0.0010	2.582	0.0871	0.0382	20	0.44	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0504	2.625	0.0300	2.582	0.0871	0.0382	20	0.50	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0872	2.639	0.0210	2.582	0.0871	0.0382	20	0.65	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0652	2.640	0.0400	2.582	0.0871	0.0382	20	0.67	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0910	2.650	0.1800	2.582	0.0871	0.0382	20	0.79	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0859	2.655	0.0302	2.582	0.0871	0.0382	20	0.84	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0571	2.664	0.0160	2.582	0.0871	0.0382	20	0.95	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0619	2.810	0.1000	2.582	0.0871	0.0382	20	2.62	4%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0226	2.544	0.2441	2.582	0.0871	0.0382	20	-0.43	1%	1
121.02	Arginine, Post-col OPA Der (%)	0098	2.519	0.0080				1			0
121.05	Arginine, Pre-col AQC Der (%)	0626	2.591	0.0450	2.733	0.1578	0.0108	6	-0.91	3%	0
121.05	Arginine, Pre-col AQC Der (%)	0610	2.620	0.0000	2.733	0.1578	0.0108	6	-0.72	2%	0
121.05	Arginine, Pre-col AQC Der (%)	2196	2.675	0.0000	2.733	0.1578	0.0108	6	-0.37	1%	0
121.05	Arginine, Pre-col AQC Der (%)	2188	2.750	0.0000	2.733	0.1578	0.0108	6	0.11	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
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121.05	Arginine, Pre-col AQC Der (%)	0676	2.795	0.0100	2.733	0.1578	0.0108	6	0.39	1%	0
121.05	Arginine, Pre-col AQC Der (%)	0148	3.025	0.0100	2.733	0.1578	0.0108	6	1.85	5%	0
121.05	Arginine, Pre-col AQC Der (%)	0407	2.732	0.3510	2.733	0.1578	0.0108	6	-0.01	0%	1
121.99	Arginine, Miscellaneous (%)	0889	1.492	0.0320				1			0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0675	2.510	0.0200	3.145	0.0638	0.0400	20	-9.95	10%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0353	2.950	0.0600	3.145	0.0638	0.0400	20	-3.06	3%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0682	3.071	0.0000	3.145	0.0638	0.0400	20	-1.17	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	2059	3.087	0.0200	3.145	0.0638	0.0400	20	-0.92	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0354	3.103	0.0120	3.145	0.0638	0.0400	20	-0.66	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0684	3.120	0.0600	3.145	0.0638	0.0400	20	-0.40	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0644	3.134	0.0140	3.145	0.0638	0.0400	20	-0.18	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0872	3.135	0.0070	3.145	0.0638	0.0400	20	-0.17	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0968	3.135	0.0100	3.145	0.0638	0.0400	20	-0.16	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0910	3.140	0.2200	3.145	0.0638	0.0400	20	-0.08	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0868	3.149	0.0200	3.145	0.0638	0.0400	20	0.06	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0227	3.150	0.0400	3.145	0.0638	0.0400	20	0.07	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0571	3.156	0.0390	3.145	0.0638	0.0400	20	0.16	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0939	3.160	0.0200	3.145	0.0638	0.0400	20	0.23	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0504	3.175	0.0500	3.145	0.0638	0.0400	20	0.46	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0652	3.195	0.0100	3.145	0.0638	0.0400	20	0.78	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0859	3.197	0.0321	3.145	0.0638	0.0400	20	0.82	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0918	3.220	0.0870	3.145	0.0638	0.0400	20	1.17	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0870	3.279	0.0393	3.145	0.0638	0.0400	20	2.10	2%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0619	3.400	0.0400	3.145	0.0638	0.0400	20	3.99	4%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0226	3.189	0.3052	3.145	0.0638	0.0400	20	0.68	1%	1
122.02	Aspartic, Post-col OPA Der (%)	0098	3.155	0.0230				1			0
122.05	Aspartic, Pre-col AQC Der (%)	0407	2.496	0.1540	3.137	0.2968	0.0725	8	-2.16	10%	0
122.05	Aspartic, Pre-col AQC Der (%)	0676	2.910	0.1000	3.137	0.2968	0.0725	8	-0.76	4%	0
122.05	Aspartic, Pre-col AQC Der (%)	0610	3.065	0.0100	3.137	0.2968	0.0725	8	-0.24	1%	0
122.05	Aspartic, Pre-col AQC Der (%)	2246	3.095	0.1100	3.137	0.2968	0.0725	8	-0.14	1%	0
122.05	Aspartic, Pre-col AQC Der (%)	0626	3.183	0.0060	3.137	0.2968	0.0725	8	0.16	1%	0
122.05	Aspartic, Pre-col AQC Der (%)	2188	3.240	0.0000	3.137	0.2968	0.0725	8	0.35	2%	0
122.05	Aspartic, Pre-col AQC Der (%)	2196	3.388	0.0000	3.137	0.2968	0.0725	8	0.85	4%	0
122.05	Aspartic, Pre-col AQC Der (%)	0148	3.520	0.2000	3.137	0.2968	0.0725	8	1.29	6%	0
122.99	Aspartic, Miscellaneous (%)	0889	2.154	0.0183				1			0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0870	0.4578	0.0080	0.5003	0.0335	0.0155	21	-1.27	4%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0353	0.4600	0.0000	0.5003	0.0335	0.0155	21	-1.20	4%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0918	0.4650	0.0500	0.5003	0.0335	0.0155	21	-1.05	4%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0227	0.4700	0.0400	0.5003	0.0335	0.0155	21	-0.90	3%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0910	0.4750	0.0100	0.5003	0.0335	0.0155	21	-0.75	3%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0644	0.4775	0.0050	0.5003	0.0335	0.0155	21	-0.68	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0872	0.4810	0.0120	0.5003	0.0335	0.0155	21	-0.58	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0652	0.4850	0.0100	0.5003	0.0335	0.0155	21	-0.46	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	2059	0.4865	0.0010	0.5003	0.0335	0.0155	21	-0.41	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0354	0.4895	0.0250	0.5003	0.0335	0.0155	21	-0.32	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0868	0.4975	0.0030	0.5003	0.0335	0.0155	21	-0.08	0%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0684	0.5000	0.0200	0.5003	0.0335	0.0155	21	-0.01	0%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0226	0.5066	0.0204	0.5003	0.0335	0.0155	21	0.19	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0968	0.5090	0.0060	0.5003	0.0335	0.0155	21	0.26	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0571	0.5110	0.0140	0.5003	0.0335	0.0155	21	0.32	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0939	0.5250	0.0100	0.5003	0.0335	0.0155	21	0.74	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0859	0.5314	0.0121	0.5003	0.0335	0.0155	21	0.93	3%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0682	0.5370	0.0000	0.5003	0.0335	0.0155	21	1.10	4%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0675	0.5400	0.0200	0.5003	0.0335	0.0155	21	1.19	4%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0504	0.5550	0.0300	0.5003	0.0335	0.0155	21	1.63	5%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0619	0.6255	0.0290	0.5003	0.0335	0.0155	21	3.74	13%	0
124.02	Cysteine/Cystine, PAO Post-col OPA Der (%)	0098	0.5075	0.0230				1			0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0610	0.2200	0.0000	0.4407	0.1656	0.0117	6	-1.33	25%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	2246	0.3300	0.0200	0.4407	0.1656	0.0117	6	-0.67	13%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	2196	0.4190	0.0000	0.4407	0.1656	0.0117	6	-0.13	2%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	2188	0.5150	0.0100	0.4407	0.1656	0.0117	6	0.45	8%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0676	0.5600	0.0000	0.4407	0.1656	0.0117	6	0.72	14%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0148	0.6000	0.0400	0.4407	0.1656	0.0117	6	0.96	18%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0407	0.5095	0.2870	0.4407	0.1656	0.0117	6	0.42	8%	1
124.99	Cysteine/Cystine, Miscellaneous (%)	0889	0.5247	0.0046				1			0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0675	4.810	0.0200	5.936	0.2461	0.0752	20	-4.57	9%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0868	5.659	0.0630	5.936	0.2461	0.0752	20	-1.13	2%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0652	5.705	0.2300	5.936	0.2461	0.0752	20	-0.94	2%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	2059	5.709	0.0110	5.936	0.2461	0.0752	20	-0.92	2%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0872	5.807	0.0220	5.936	0.2461	0.0752	20	-0.52	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0353	5.815	0.0300	5.936	0.2461	0.0752	20	-0.49	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0504	5.815	0.1100	5.936	0.2461	0.0752	20	-0.49	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0684	5.815	0.0500	5.936	0.2461	0.0752	20	-0.49	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0571	5.875	0.0910	5.936	0.2461	0.0752	20	-0.25	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0968	5.906	0.0710	5.936	0.2461	0.0752	20	-0.12	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0682	5.934	0.0000	5.936	0.2461	0.0752	20	-0.01	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0227	5.935	0.0500	5.936	0.2461	0.0752	20	0.00	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0644	5.953	0.0100	5.936	0.2461	0.0752	20	0.07	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0859	5.964	0.0788	5.936	0.2461	0.0752	20	0.12	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0910	6.015	0.3900	5.936	0.2461	0.0752	20	0.32	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0354	6.143	0.0100	5.936	0.2461	0.0752	20	0.84	2%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0918	6.243	0.0022	5.936	0.2461	0.0752	20	1.25	3%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0870	6.244	0.0547	5.936	0.2461	0.0752	20	1.25	3%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0619	6.425	0.1700	5.936	0.2461	0.0752	20	1.99	4%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
125.00	Glutamic, Post-col Ninhydrin Der (%)	0939	6.490	0.0400	5.936	0.2461	0.0752	20	2.25	5%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0226	6.271	0.6069	5.936	0.2461	0.0752	20	1.36	3%	1
125.02	Glutamic, Post-col OPA Der (%)	0098	5.707	0.1710				1			0
125.05	Glutamic, Pre-col AQC Der (%)	2196	5.399	0.0000	5.915	0.3010	0.1144	7	-1.71	4%	0
125.05	Glutamic, Pre-col AQC Der (%)	0610	5.740	0.1200	5.915	0.3010	0.1144	7	-0.58	1%	0
125.05	Glutamic, Pre-col AQC Der (%)	2188	5.890	0.0000	5.915	0.3010	0.1144	7	-0.08	0%	0
125.05	Glutamic, Pre-col AQC Der (%)	0148	5.905	0.3500	5.915	0.3010	0.1144	7	-0.03	0%	0
125.05	Glutamic, Pre-col AQC Der (%)	0676	5.985	0.1500	5.915	0.3010	0.1144	7	0.23	1%	0
125.05	Glutamic, Pre-col AQC Der (%)	0626	6.145	0.0110	5.915	0.3010	0.1144	7	0.76	2%	0
125.05	Glutamic, Pre-col AQC Der (%)	2246	6.275	0.1700	5.915	0.3010	0.1144	7	1.20	3%	0
125.05	Glutamic, Pre-col AQC Der (%)	0407	6.469	0.9450	5.915	0.3010	0.1144	7	1.84	5%	1
125.99	Glutamic, Miscellaneous (%)	0889	4.674	0.0733				1			0
126.00	Glycine, Post-col Ninhydrin Der (%)	0675	1.380	0.0200	1.616	0.0422	0.0217	20	-5.60	7%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0353	1.475	0.0500	1.616	0.0422	0.0217	20	-3.35	4%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0652	1.575	0.0500	1.616	0.0422	0.0217	20	-0.98	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0968	1.577	0.0000	1.616	0.0422	0.0217	20	-0.93	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0684	1.585	0.0300	1.616	0.0422	0.0217	20	-0.74	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0910	1.585	0.0900	1.616	0.0422	0.0217	20	-0.74	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	2059	1.599	0.0070	1.616	0.0422	0.0217	20	-0.42	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0682	1.600	0.0000	1.616	0.0422	0.0217	20	-0.38	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0354	1.611	0.0010	1.616	0.0422	0.0217	20	-0.13	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0872	1.622	0.0100	1.616	0.0422	0.0217	20	0.14	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0918	1.624	0.0233	1.616	0.0422	0.0217	20	0.19	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0868	1.626	0.0100	1.616	0.0422	0.0217	20	0.23	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0571	1.629	0.0150	1.616	0.0422	0.0217	20	0.29	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0644	1.633	0.0090	1.616	0.0422	0.0217	20	0.39	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0939	1.640	0.0000	1.616	0.0422	0.0217	20	0.57	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0227	1.650	0.0200	1.616	0.0422	0.0217	20	0.80	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0859	1.656	0.0054	1.616	0.0422	0.0217	20	0.94	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0504	1.660	0.0200	1.616	0.0422	0.0217	20	1.04	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0870	1.668	0.0131	1.616	0.0422	0.0217	20	1.23	2%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0619	1.740	0.0600	1.616	0.0422	0.0217	20	2.94	4%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0226	1.597	0.1874	1.616	0.0422	0.0217	20	-0.46	1%	1
126.02	Glycine, Post-col OPA Der (%)	0098	1.623	0.0180				1			0
126.05	Glycine, Pre-col AQC Der (%)	2246	1.435	0.0900	1.669	0.2135	0.0329	8	-1.10	7%	0
126.05	Glycine, Pre-col AQC Der (%)	2196	1.471	0.0000	1.669	0.2135	0.0329	8	-0.93	6%	0
126.05	Glycine, Pre-col AQC Der (%)	0676	1.575	0.0100	1.669	0.2135	0.0329	8	-0.44	3%	0
126.05	Glycine, Pre-col AQC Der (%)	0610	1.605	0.0100	1.669	0.2135	0.0329	8	-0.30	2%	0
126.05	Glycine, Pre-col AQC Der (%)	2188	1.690	0.0000	1.669	0.2135	0.0329	8	0.10	1%	0
126.05	Glycine, Pre-col AQC Der (%)	0626	1.731	0.0150	1.669	0.2135	0.0329	8	0.29	2%	0
126.05	Glycine, Pre-col AQC Der (%)	0148	1.855	0.1300	1.669	0.2135	0.0329	8	0.87	6%	0
126.05	Glycine, Pre-col AQC Der (%)	0407	2.115	0.0080	1.669	0.2135	0.0329	8	2.09	13%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
126.99	Glycine, Miscellaneous (%)	0889	0.5201	0.0046				1			0
127.00	Histidine, Post-col Ninhydrin Der (%)	0675	0.6400	0.0200	0.8193	0.0390	0.0179	21	-4.60	11%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0353	0.6900	0.0200	0.8193	0.0390	0.0179	21	-3.32	8%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0226	0.7459	0.0640	0.8193	0.0390	0.0179	21	-1.88	4%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0354	0.7810	0.0100	0.8193	0.0390	0.0179	21	-0.98	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0939	0.7950	0.0300	0.8193	0.0390	0.0179	21	-0.62	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0968	0.8055	0.0010	0.8193	0.0390	0.0179	21	-0.35	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0684	0.8100	0.0400	0.8193	0.0390	0.0179	21	-0.24	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0910	0.8100	0.0400	0.8193	0.0390	0.0179	21	-0.24	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	2059	0.8105	0.0010	0.8193	0.0390	0.0179	21	-0.22	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0872	0.8165	0.0050	0.8193	0.0390	0.0179	21	-0.07	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0571	0.8180	0.0080	0.8193	0.0390	0.0179	21	-0.03	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0870	0.8251	0.0169	0.8193	0.0390	0.0179	21	0.15	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0644	0.8295	0.0010	0.8193	0.0390	0.0179	21	0.26	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0859	0.8362	0.0048	0.8193	0.0390	0.0179	21	0.43	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0682	0.8410	0.0000	0.8193	0.0390	0.0179	21	0.56	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0868	0.8435	0.0310	0.8193	0.0390	0.0179	21	0.62	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0227	0.8450	0.0100	0.8193	0.0390	0.0179	21	0.66	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0918	0.8500	0.0119	0.8193	0.0390	0.0179	21	0.79	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0652	0.8500	0.0400	0.8193	0.0390	0.0179	21	0.79	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0504	0.8800	0.0000	0.8193	0.0390	0.0179	21	1.56	4%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0619	0.9820	0.0220	0.8193	0.0390	0.0179	21	4.18	10%	0
127.02	Histidine, Post-col OPA Der (%)	0098	0.8080	0.0000				1			0
127.05	Histidine, Pre-col AQC Der (%)	0407	0.5410	0.0880	0.7755	0.0719	0.0363	8	-3.26	15%	0
127.05	Histidine, Pre-col AQC Der (%)	2246	0.7150	0.0500	0.7755	0.0719	0.0363	8	-0.84	4%	0
127.05	Histidine, Pre-col AQC Der (%)	0626	0.7690	0.0120	0.7755	0.0719	0.0363	8	-0.09	0%	0
127.05	Histidine, Pre-col AQC Der (%)	0676	0.7750	0.0500	0.7755	0.0719	0.0363	8	-0.01	0%	0
127.05	Histidine, Pre-col AQC Der (%)	2188	0.7800	0.0000	0.7755	0.0719	0.0363	8	0.06	0%	0
127.05	Histidine, Pre-col AQC Der (%)	2196	0.8040	0.0000	0.7755	0.0719	0.0363	8	0.40	2%	0
127.05	Histidine, Pre-col AQC Der (%)	0610	0.8100	0.0200	0.7755	0.0719	0.0363	8	0.48	2%	0
127.05	Histidine, Pre-col AQC Der (%)	0148	0.9750	0.0700	0.7755	0.0719	0.0363	8	2.78	13%	0
127.99	Histidine, Miscellaneous (%)	0889	0.5201	0.0046				1			0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0353	0.8600	0.0400	1.169	0.0792	0.0320	21	-3.90	13%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0675	0.9000	0.0200	1.169	0.0792	0.0320	21	-3.40	12%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0918	1.079	0.0106	1.169	0.0792	0.0320	21	-1.14	4%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0354	1.096	0.0190	1.169	0.0792	0.0320	21	-0.93	3%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0939	1.100	0.0400	1.169	0.0792	0.0320	21	-0.88	3%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0684	1.110	0.1200	1.169	0.0792	0.0320	21	-0.75	3%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0968	1.145	0.0250	1.169	0.0792	0.0320	21	-0.31	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0682	1.148	0.0000	1.169	0.0792	0.0320	21	-0.27	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0619	1.155	0.0100	1.169	0.0792	0.0320	21	-0.18	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0868	1.163	0.0720	1.169	0.0792	0.0320	21	-0.08	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0870	1.172	0.0359	1.169	0.0792	0.0320	21	0.04	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0652	1.190	0.0000	1.169	0.0792	0.0320	21	0.26	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0910	1.195	0.0700	1.169	0.0792	0.0320	21	0.32	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0226	1.210	0.0242	1.169	0.0792	0.0320	21	0.51	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	2059	1.213	0.0130	1.169	0.0792	0.0320	21	0.54	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0872	1.214	0.0430	1.169	0.0792	0.0320	21	0.56	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0571	1.218	0.0340	1.169	0.0792	0.0320	21	0.61	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0227	1.225	0.0300	1.169	0.0792	0.0320	21	0.70	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0644	1.251	0.0000	1.169	0.0792	0.0320	21	1.03	3%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0504	1.285	0.0500	1.169	0.0792	0.0320	21	1.46	5%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0859	1.289	0.0158	1.169	0.0792	0.0320	21	1.51	5%	0
128.02	Isoleucine, Post-col OPA Der (%)	0098	1.190	0.0030				1			0
128.05	Isoleucine, Pre-col AQC Der (%)	2246	1.100	0.0200	1.218	0.0889	0.0224	7	-1.33	5%	0
128.05	Isoleucine, Pre-col AQC Der (%)	0676	1.160	0.0400	1.218	0.0889	0.0224	7	-0.65	2%	0
128.05	Isoleucine, Pre-col AQC Der (%)	0626	1.202	0.0570	1.218	0.0889	0.0224	7	-0.19	1%	0
128.05	Isoleucine, Pre-col AQC Der (%)	0610	1.225	0.0100	1.218	0.0889	0.0224	7	0.08	0%	0
128.05	Isoleucine, Pre-col AQC Der (%)	2188	1.240	0.0000	1.218	0.0889	0.0224	7	0.25	1%	0
128.05	Isoleucine, Pre-col AQC Der (%)	2196	1.249	0.0000	1.218	0.0889	0.0224	7	0.35	1%	0
128.05	Isoleucine, Pre-col AQC Der (%)	0148	1.395	0.0300	1.218	0.0889	0.0224	7	1.99	7%	0
128.05	Isoleucine, Pre-col AQC Der (%)	0407	1.395	0.2850	1.218	0.0889	0.0224	7	1.98	7%	1
128.99	Isoleucine, Miscellaneous (%)	0889	0.9807	0.0091				1			0
129.00	Leucine, Post-col Ninhydrin Der (%)	0353	1.985	0.0500	2.327	0.0549	0.0313	20	-6.23	7%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0675	2.000	0.0200	2.327	0.0549	0.0313	20	-5.96	7%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0684	2.275	0.0700	2.327	0.0549	0.0313	20	-0.95	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0910	2.290	0.1200	2.327	0.0549	0.0313	20	-0.68	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0682	2.291	0.0000	2.327	0.0549	0.0313	20	-0.66	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	2059	2.300	0.0130	2.327	0.0549	0.0313	20	-0.51	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0652	2.305	0.0100	2.327	0.0549	0.0313	20	-0.41	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0939	2.305	0.0500	2.327	0.0549	0.0313	20	-0.41	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0870	2.305	0.0287	2.327	0.0549	0.0313	20	-0.40	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0918	2.315	0.0289	2.327	0.0549	0.0313	20	-0.22	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0968	2.323	0.0540	2.327	0.0549	0.0313	20	-0.08	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0571	2.331	0.0400	2.327	0.0549	0.0313	20	0.07	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0868	2.354	0.0090	2.327	0.0549	0.0313	20	0.48	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0872	2.356	0.0040	2.327	0.0549	0.0313	20	0.52	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0644	2.367	0.0030	2.327	0.0549	0.0313	20	0.71	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0504	2.370	0.0200	2.327	0.0549	0.0313	20	0.78	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0354	2.371	0.0060	2.327	0.0549	0.0313	20	0.80	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0227	2.380	0.0200	2.327	0.0549	0.0313	20	0.96	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0859	2.434	0.0291	2.327	0.0549	0.0313	20	1.94	2%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0619	2.445	0.0500	2.327	0.0549	0.0313	20	2.14	3%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0226	2.392	0.1722	2.327	0.0549	0.0313	20	1.18	1%	1

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
129.02	Leucine, Post-col OPA Der (%)	0098	2.325	0.0050				1			0
129.05	Leucine, Pre-col AQC Der (%)	2196	2.201	0.0000	2.336	0.0969	0.0331	7	-1.40	3%	0
129.05	Leucine, Pre-col AQC Der (%)	2246	2.300	0.0400	2.336	0.0969	0.0331	7	-0.38	1%	0
129.05	Leucine, Pre-col AQC Der (%)	2188	2.310	0.0000	2.336	0.0969	0.0331	7	-0.27	1%	0
129.05	Leucine, Pre-col AQC Der (%)	0610	2.325	0.0300	2.336	0.0969	0.0331	7	-0.12	0%	0
129.05	Leucine, Pre-col AQC Der (%)	0676	2.360	0.0400	2.336	0.0969	0.0331	7	0.24	1%	0
129.05	Leucine, Pre-col AQC Der (%)	0626	2.377	0.0220	2.336	0.0969	0.0331	7	0.42	1%	0
129.05	Leucine, Pre-col AQC Der (%)	0148	2.640	0.1000	2.336	0.0969	0.0331	7	3.13	6%	0
129.05	Leucine, Pre-col AQC Der (%)	0407	2.696	0.3040	2.336	0.0969	0.0331	7	3.71	8%	1
129.99	Leucine, Miscellaneous (%)	0889	1.773	0.0000				1			0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0675	1.170	0.0200	1.430	0.0761	0.0246	22	-3.41	9%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0353	1.185	0.0100	1.430	0.0761	0.0246	22	-3.22	9%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0848	1.260	0.0000	1.430	0.0761	0.0246	22	-2.23	6%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0652	1.390	0.0200	1.430	0.0761	0.0246	22	-0.52	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0354	1.397	0.0240	1.430	0.0761	0.0246	22	-0.43	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0682	1.404	0.0000	1.430	0.0761	0.0246	22	-0.34	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0684	1.405	0.0500	1.430	0.0761	0.0246	22	-0.33	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0226	1.406	0.0997	1.430	0.0761	0.0246	22	-0.31	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0872	1.409	0.0190	1.430	0.0761	0.0246	22	-0.28	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0939	1.410	0.0200	1.430	0.0761	0.0246	22	-0.26	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0910	1.410	0.0800	1.430	0.0761	0.0246	22	-0.26	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0868	1.412	0.0310	1.430	0.0761	0.0246	22	-0.24	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	2059	1.419	0.0070	1.430	0.0761	0.0246	22	-0.15	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0644	1.438	0.0080	1.430	0.0761	0.0246	22	0.11	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0571	1.439	0.0240	1.430	0.0761	0.0246	22	0.12	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0968	1.477	0.0100	1.430	0.0761	0.0246	22	0.62	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0918	1.484	0.0185	1.430	0.0761	0.0246	22	0.71	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0859	1.490	0.0159	1.430	0.0761	0.0246	22	0.79	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0504	1.525	0.0300	1.430	0.0761	0.0246	22	1.25	3%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0619	1.525	0.0300	1.430	0.0761	0.0246	22	1.25	3%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0870	1.525	0.0139	1.430	0.0761	0.0246	22	1.26	3%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0227	1.635	0.0100	1.430	0.0761	0.0246	22	2.70	7%	0
130.02	L-Lysine, Post-col OPA Der (%)	0098	1.540	0.0050				1			0
130.05	L-Lysine, Pre-col AQC Der (%)	2246	1.355	0.0900	1.446	0.0647	0.0239	8	-1.41	3%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0610	1.395	0.0100	1.446	0.0647	0.0239	8	-0.79	2%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0027	1.434	0.0070	1.446	0.0647	0.0239	8	-0.19	0%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0407	1.439	0.0700	1.446	0.0647	0.0239	8	-0.11	0%	0
130.05	L-Lysine, Pre-col AQC Der (%)	2196	1.452	0.0000	1.446	0.0647	0.0239	8	0.09	0%	0
130.05	L-Lysine, Pre-col AQC Der (%)	2188	1.460	0.0000	1.446	0.0647	0.0239	8	0.22	0%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0626	1.491	0.0040	1.446	0.0647	0.0239	8	0.69	2%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0148	1.615	0.0100	1.446	0.0647	0.0239	8	2.61	6%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0676	2.010	0.9800	1.446	0.0647	0.0239	8	8.72	19%	1

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
130.99	L-Lysine, Miscellaneous (%)	0889	1.737	0.0092				1			0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0675	0.3500	0.0200	0.4551	0.0247	0.0148	21	-4.25	12%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0684	0.4250	0.0100	0.4551	0.0247	0.0148	21	-1.22	3%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0939	0.4300	0.0200	0.4551	0.0247	0.0148	21	-1.02	3%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0682	0.4340	0.0000	0.4551	0.0247	0.0148	21	-0.85	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0918	0.4350	0.0500	0.4551	0.0247	0.0148	21	-0.81	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0968	0.4360	0.0200	0.4551	0.0247	0.0148	21	-0.77	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0354	0.4375	0.0270	0.4551	0.0247	0.0148	21	-0.71	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0652	0.4500	0.0200	0.4551	0.0247	0.0148	21	-0.21	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	2059	0.4500	0.0020	0.4551	0.0247	0.0148	21	-0.21	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0872	0.4525	0.0110	0.4551	0.0247	0.0148	21	-0.11	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0226	0.4548	0.0072	0.4551	0.0247	0.0148	21	-0.01	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0504	0.4550	0.0100	0.4551	0.0247	0.0148	21	0.00	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0571	0.4615	0.0090	0.4551	0.0247	0.0148	21	0.26	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0868	0.4645	0.0330	0.4551	0.0247	0.0148	21	0.38	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0353	0.4650	0.0300	0.4551	0.0247	0.0148	21	0.40	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0644	0.4680	0.0120	0.4551	0.0247	0.0148	21	0.52	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0619	0.4710	0.0080	0.4551	0.0247	0.0148	21	0.64	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0227	0.4750	0.0100	0.4551	0.0247	0.0148	21	0.80	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0848	0.4900	0.0000	0.4551	0.0247	0.0148	21	1.41	4%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0870	0.5225	0.0059	0.4551	0.0247	0.0148	21	2.72	7%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0859	0.5606	0.0056	0.4551	0.0247	0.0148	21	4.27	12%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0910	0.4950	0.0900	0.4551	0.0247	0.0148	21	1.61	4%	1
131.02	Methionine, PAO Post-col OPA Der (%)	0098	0.4355	0.0110				1			0
131.05	Methionine, PAO Pre-col AQC Der (%)	0610	0.1800	0.0000	0.3911	0.1192	0.0217	9	-1.77	27%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	2246	0.2400	0.0200	0.3911	0.1192	0.0217	9	-1.27	19%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	0626	0.3515	0.0090	0.3911	0.1192	0.0217	9	-0.33	5%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	0148	0.4050	0.0300	0.3911	0.1192	0.0217	9	0.12	2%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	2188	0.4200	0.0000	0.3911	0.1192	0.0217	9	0.24	4%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	0027	0.4325	0.0510	0.3911	0.1192	0.0217	9	0.35	5%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	0407	0.4545	0.0650	0.3911	0.1192	0.0217	9	0.53	8%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	2196	0.4840	0.0000	0.3911	0.1192	0.0217	9	0.78	12%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	0676	0.5200	0.0200	0.3911	0.1192	0.0217	9	1.08	16%	0
131.99	Methionine, Miscellaneous (%)	0889	0.5614	0.0045				1			0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0675	1.240	0.0200	1.545	0.0687	0.0293	20	-4.43	10%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0682	1.433	0.0000	1.545	0.0687	0.0293	20	-1.63	4%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0353	1.465	0.0300	1.545	0.0687	0.0293	20	-1.16	3%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0684	1.485	0.0500	1.545	0.0687	0.0293	20	-0.87	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0354	1.509	0.0070	1.545	0.0687	0.0293	20	-0.53	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0652	1.510	0.0600	1.545	0.0687	0.0293	20	-0.50	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0939	1.510	0.0400	1.545	0.0687	0.0293	20	-0.50	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	2059	1.513	0.0050	1.545	0.0687	0.0293	20	-0.47	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0910	1.550	0.1200	1.545	0.0687	0.0293	20	0.08	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0571	1.555	0.0200	1.545	0.0687	0.0293	20	0.15	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0870	1.556	0.0051	1.545	0.0687	0.0293	20	0.16	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0872	1.558	0.0230	1.545	0.0687	0.0293	20	0.19	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0918	1.566	0.0238	1.545	0.0687	0.0293	20	0.31	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0227	1.570	0.0200	1.545	0.0687	0.0293	20	0.37	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0868	1.571	0.0500	1.545	0.0687	0.0293	20	0.38	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0644	1.572	0.0060	1.545	0.0687	0.0293	20	0.40	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0968	1.599	0.0210	1.545	0.0687	0.0293	20	0.78	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0619	1.630	0.0600	1.545	0.0687	0.0293	20	1.24	3%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0504	1.645	0.0100	1.545	0.0687	0.0293	20	1.46	3%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0859	1.745	0.0148	1.545	0.0687	0.0293	20	2.91	6%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0226	1.481	0.1571	1.545	0.0687	0.0293	20	-0.93	2%	1
132.02	Phenylalanine, Post-col OPA Der (%)	0098	1.516	0.0120				1			0
132.05	Phenylalanine, Pre-col AQC Der (%)	2196	1.380	0.0000	1.611	0.1874	0.0199	7	-1.23	7%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	0610	1.505	0.0100	1.611	0.1874	0.0199	7	-0.57	3%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	0676	1.565	0.0500	1.611	0.1874	0.0199	7	-0.25	1%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	0626	1.578	0.0300	1.611	0.1874	0.0199	7	-0.18	1%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	2188	1.590	0.0000	1.611	0.1874	0.0199	7	-0.11	1%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	0148	1.815	0.0100	1.611	0.1874	0.0199	7	1.09	6%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	0407	1.844	0.0390	1.611	0.1874	0.0199	7	1.24	7%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	2246	1.410	0.1400	1.611	0.1874	0.0199	7	-1.07	6%	1
132.99	Phenylalanine, Miscellaneous (%)	0889	1.180	0.0138				1			0
133.00	Proline, Post-col Ninhydrin Der (%)	0682	1.202	0.0000	1.738	0.1120	0.0390	20	-4.79	15%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0675	1.430	0.0200	1.738	0.1120	0.0390	20	-2.75	9%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0910	1.620	0.1200	1.738	0.1120	0.0390	20	-1.05	3%	0
133.00	Proline, Post-col Ninhydrin Der (%)	2059	1.669	0.0010	1.738	0.1120	0.0390	20	-0.62	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0870	1.679	0.0245	1.738	0.1120	0.0390	20	-0.53	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0684	1.685	0.0500	1.738	0.1120	0.0390	20	-0.47	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0652	1.690	0.0800	1.738	0.1120	0.0390	20	-0.43	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0504	1.700	0.0200	1.738	0.1120	0.0390	20	-0.34	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0571	1.711	0.0340	1.738	0.1120	0.0390	20	-0.24	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0644	1.730	0.0020	1.738	0.1120	0.0390	20	-0.07	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0354	1.733	0.0150	1.738	0.1120	0.0390	20	-0.05	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0353	1.750	0.0400	1.738	0.1120	0.0390	20	0.11	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0872	1.760	0.0040	1.738	0.1120	0.0390	20	0.20	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0968	1.770	0.0030	1.738	0.1120	0.0390	20	0.28	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0619	1.790	0.1400	1.738	0.1120	0.0390	20	0.46	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0868	1.804	0.0050	1.738	0.1120	0.0390	20	0.58	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0227	1.815	0.1300	1.738	0.1120	0.0390	20	0.69	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0939	1.975	0.0300	1.738	0.1120	0.0390	20	2.12	7%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0918	2.025	0.0016	1.738	0.1120	0.0390	20	2.57	8%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
133.00	Proline, Post-col Ninhydrin Der (%)	0859	2.127	0.0604	1.738	0.1120	0.0390	20	3.47	11%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0226	1.837	0.3305	1.738	0.1120	0.0390	20	0.89	3%	1
133.05	Proline, Pre-col AQC Der (%)	2196	1.474	0.0000	1.871	0.3319	0.0443	8	-1.20	11%	0
133.05	Proline, Pre-col AQC Der (%)	2188	1.690	0.0000	1.871	0.3319	0.0443	8	-0.54	5%	0
133.05	Proline, Pre-col AQC Der (%)	0610	1.715	0.0100	1.871	0.3319	0.0443	8	-0.47	4%	0
133.05	Proline, Pre-col AQC Der (%)	0626	1.729	0.0310	1.871	0.3319	0.0443	8	-0.43	4%	0
133.05	Proline, Pre-col AQC Der (%)	0676	1.835	0.0900	1.871	0.3319	0.0443	8	-0.11	1%	0
133.05	Proline, Pre-col AQC Der (%)	0148	1.955	0.0700	1.871	0.3319	0.0443	8	0.25	2%	0
133.05	Proline, Pre-col AQC Der (%)	0407	2.201	0.1330	1.871	0.3319	0.0443	8	0.99	9%	0
133.05	Proline, Pre-col AQC Der (%)	2246	3.270	0.0200	1.871	0.3319	0.0443	8	4.22	37%	0
133.99	Proline, Miscellaneous (%)	0889	1.574	0.0046				1			0
134.00	Serine, Post-col Ninhydrin Der (%)	0675	1.310	0.0200	1.546	0.0941	0.0346	21	-2.51	8%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0504	1.355	0.0100	1.546	0.0941	0.0346	21	-2.03	6%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0644	1.471	0.0070	1.546	0.0941	0.0346	21	-0.80	2%	0
134.00	Serine, Post-col Ninhydrin Der (%)	2059	1.477	0.0190	1.546	0.0941	0.0346	21	-0.74	2%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0872	1.492	0.0080	1.546	0.0941	0.0346	21	-0.57	2%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0226	1.509	0.1320	1.546	0.0941	0.0346	21	-0.39	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0571	1.510	0.0260	1.546	0.0941	0.0346	21	-0.38	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0910	1.510	0.0800	1.546	0.0941	0.0346	21	-0.38	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0353	1.515	0.0500	1.546	0.0941	0.0346	21	-0.33	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0652	1.520	0.0000	1.546	0.0941	0.0346	21	-0.28	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0918	1.524	0.0204	1.546	0.0941	0.0346	21	-0.23	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0868	1.535	0.0120	1.546	0.0941	0.0346	21	-0.12	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0227	1.540	0.0200	1.546	0.0941	0.0346	21	-0.06	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0859	1.549	0.0166	1.546	0.0941	0.0346	21	0.03	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0968	1.582	0.0300	1.546	0.0941	0.0346	21	0.38	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0354	1.613	0.0010	1.546	0.0941	0.0346	21	0.71	2%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0684	1.615	0.1500	1.546	0.0941	0.0346	21	0.73	2%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0939	1.635	0.0500	1.546	0.0941	0.0346	21	0.95	3%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0870	1.692	0.0152	1.546	0.0941	0.0346	21	1.55	5%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0682	1.711	0.0000	1.546	0.0941	0.0346	21	1.75	5%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0619	1.750	0.0600	1.546	0.0941	0.0346	21	2.17	7%	0
134.02	Serine, Post-col OPA Der (%)	0098	1.370	0.0660				1			0
134.05	Serine, Pre-col AQC Der (%)	2246	1.440	0.0800	1.537	0.0775	0.0459	7	-1.25	3%	0
134.05	Serine, Pre-col AQC Der (%)	0610	1.475	0.0300	1.537	0.0775	0.0459	7	-0.80	2%	0
134.05	Serine, Pre-col AQC Der (%)	2196	1.531	0.0000	1.537	0.0775	0.0459	7	-0.08	0%	0
134.05	Serine, Pre-col AQC Der (%)	0676	1.540	0.0800	1.537	0.0775	0.0459	7	0.04	0%	0
134.05	Serine, Pre-col AQC Der (%)	2188	1.550	0.0000	1.537	0.0775	0.0459	7	0.17	0%	0
134.05	Serine, Pre-col AQC Der (%)	0626	1.570	0.0410	1.537	0.0775	0.0459	7	0.42	1%	0
134.05	Serine, Pre-col AQC Der (%)	0148	1.755	0.0900	1.537	0.0775	0.0459	7	2.81	7%	0
134.05	Serine, Pre-col AQC Der (%)	0407	1.566	0.3350	1.537	0.0775	0.0459	7	0.37	1%	1
134.99	Serine, Miscellaneous (%)	0889	1.258	0.0046				1			0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
135.00	Threonine, Post-col Ninhydrin Der (%)	0675	0.9100	0.0200	1.111	0.0537	0.0144	20	-3.75	9%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0226	1.041	0.0933	1.111	0.0537	0.0144	20	-1.31	3%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	2059	1.065	0.0090	1.111	0.0537	0.0144	20	-0.87	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0353	1.065	0.0100	1.111	0.0537	0.0144	20	-0.86	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0652	1.070	0.0000	1.111	0.0537	0.0144	20	-0.77	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0939	1.090	0.0000	1.111	0.0537	0.0144	20	-0.40	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0872	1.092	0.0290	1.111	0.0537	0.0144	20	-0.37	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0682	1.095	0.0000	1.111	0.0537	0.0144	20	-0.30	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0644	1.097	0.0070	1.111	0.0537	0.0144	20	-0.28	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0868	1.098	0.0280	1.111	0.0537	0.0144	20	-0.25	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0571	1.100	0.0310	1.111	0.0537	0.0144	20	-0.22	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0504	1.110	0.0000	1.111	0.0537	0.0144	20	-0.02	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0227	1.120	0.0000	1.111	0.0537	0.0144	20	0.16	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0859	1.134	0.0209	1.111	0.0537	0.0144	20	0.43	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0354	1.141	0.0010	1.111	0.0537	0.0144	20	0.54	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0684	1.155	0.0100	1.111	0.0537	0.0144	20	0.81	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0968	1.160	0.0160	1.111	0.0537	0.0144	20	0.91	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0870	1.183	0.0044	1.111	0.0537	0.0144	20	1.33	3%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0619	1.190	0.0000	1.111	0.0537	0.0144	20	1.47	4%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0918	1.234	0.0076	1.111	0.0537	0.0144	20	2.27	5%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0910	1.140	0.2000	1.111	0.0537	0.0144	20	0.53	1%	1
135.02	Threonine, Post-col OPA Der (%)	0098	1.107	0.0570				1			0
135.05	Threonine, Pre-col AQC Der (%)	2246	1.020	0.0600	1.092	0.0536	0.0240	7	-1.34	3%	0
135.05	Threonine, Pre-col AQC Der (%)	2196	1.062	0.0000	1.092	0.0536	0.0240	7	-0.56	1%	0
135.05	Threonine, Pre-col AQC Der (%)	0626	1.075	0.0280	1.092	0.0536	0.0240	7	-0.32	1%	0
135.05	Threonine, Pre-col AQC Der (%)	2188	1.100	0.0000	1.092	0.0536	0.0240	7	0.15	0%	0
135.05	Threonine, Pre-col AQC Der (%)	0610	1.105	0.0300	1.092	0.0536	0.0240	7	0.24	1%	0
135.05	Threonine, Pre-col AQC Der (%)	0676	1.110	0.0200	1.092	0.0536	0.0240	7	0.33	1%	0
135.05	Threonine, Pre-col AQC Der (%)	0148	1.255	0.0300	1.092	0.0536	0.0240	7	3.04	7%	0
135.05	Threonine, Pre-col AQC Der (%)	0407	0.9185	0.2050	1.092	0.0536	0.0240	7	-3.24	8%	1
135.99	Threonine, Miscellaneous (%)	0889	0.9578	0.0091				1			0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0918	0.3200	0.0200	0.3772	0.0586	0.0087	7	-0.98	8%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0910	0.3350	0.0300	0.3772	0.0586	0.0087	7	-0.72	6%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0870	0.3401	0.0020	0.3772	0.0586	0.0087	7	-0.63	5%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0682	0.3540	0.0000	0.3772	0.0586	0.0087	7	-0.40	3%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0619	0.4115	0.0090	0.3772	0.0586	0.0087	7	0.58	5%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0227	0.4400	0.0000	0.3772	0.0586	0.0087	7	1.07	8%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0684	0.4400	0.0000	0.3772	0.0586	0.0087	7	1.07	8%	0
136.01	Tryptophan, Alka-Hydrol Rev Phase LC UV (%)	0868	0.3950	0.0020				2			0
136.01	Tryptophan, Alka-Hydrol Rev Phase LC UV (%)	0644	0.4045	0.0010				2			0
136.02	Tryptophan, Alka-Hydrol Post-col OPA De (%)	0098	0.3730	0.0020				1			0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0859	0.3910	0.0087	0.3986	0.0094	0.0044	4			0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0872	0.3925	0.0030	0.3986	0.0094	0.0044	4			0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	2059	0.3995	0.0010	0.3986	0.0094	0.0044	4			0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0571	0.4115	0.0050	0.3986	0.0094	0.0044	4			0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0353	0.4750	0.0100	0.3986	0.0094	0.0044	4			2
136.05	Tryptophan, Pre-col AQC Der (%)	0407	0.2830	0.1280				2			0
136.05	Tryptophan, Pre-col AQC Der (%)	2246	0.5700	0.0200				2			0
136.99	Tryptophan, Miscellaneous (%)	0504	0.3550	0.0300				3			0
136.99	Tryptophan, Miscellaneous (%)	0939	0.3900	0.0000				3			0
136.99	Tryptophan, Miscellaneous (%)	0889	0.6439	0.0045				3			0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0675	0.8300	0.0200	0.9977	0.1219	0.0199	15	-1.38	8%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0968	0.8345	0.0330	0.9977	0.1219	0.0199	15	-1.34	8%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0910	0.9000	0.1200	0.9977	0.1219	0.0199	15	-0.80	5%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0870	0.9164	0.0215	0.9977	0.1219	0.0199	15	-0.67	4%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0918	0.9197	0.0063	0.9977	0.1219	0.0199	15	-0.64	4%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0939	0.9350	0.0100	0.9977	0.1219	0.0199	15	-0.51	3%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0227	0.9450	0.0100	0.9977	0.1219	0.0199	15	-0.43	3%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0354	1.012	0.0030	0.9977	0.1219	0.0199	15	0.11	1%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0644	1.059	0.0030	0.9977	0.1219	0.0199	15	0.50	3%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0682	1.069	0.0000	0.9977	0.1219	0.0199	15	0.58	4%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0872	1.081	0.0170	0.9977	0.1219	0.0199	15	0.68	4%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0353	1.085	0.0100	0.9977	0.1219	0.0199	15	0.72	4%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0684	1.090	0.0400	0.9977	0.1219	0.0199	15	0.76	5%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0504	1.110	0.0000	0.9977	0.1219	0.0199	15	0.92	6%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	2059	1.201	0.0050	0.9977	0.1219	0.0199	15	1.66	10%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0226	1.076	0.1407	0.9977	0.1219	0.0199	15	0.64	4%	1
137.02	Tyrosine, Post-col OPA Der (%)	0098	0.9920	0.0260				1			0
137.05	Tyrosine, Pre-col AQC Der (%)	2246	0.7600	0.0800	1.078	0.2418	0.0346	7	-1.31	15%	0
137.05	Tyrosine, Pre-col AQC Der (%)	0626	0.8870	0.0220	1.078	0.2418	0.0346	7	-0.79	9%	0
137.05	Tyrosine, Pre-col AQC Der (%)	2196	0.9980	0.0000	1.078	0.2418	0.0346	7	-0.33	4%	0
137.05	Tyrosine, Pre-col AQC Der (%)	2188	1.120	0.0000	1.078	0.2418	0.0346	7	0.17	2%	0
137.05	Tyrosine, Pre-col AQC Der (%)	0610	1.140	0.0200	1.078	0.2418	0.0346	7	0.26	3%	0
137.05	Tyrosine, Pre-col AQC Der (%)	0676	1.265	0.0500	1.078	0.2418	0.0346	7	0.77	9%	0
137.05	Tyrosine, Pre-col AQC Der (%)	0148	1.375	0.0700	1.078	0.2418	0.0346	7	1.23	14%	0
137.05	Tyrosine, Pre-col AQC Der (%)	0407	0.8585	0.5430	1.078	0.2418	0.0346	7	-0.91	10%	1
137.99	Tyrosine, Miscellaneous (%)	0889	0.6439	0.0045				1			0
138.00	Valine, Post-col Ninhydrin Der (%)	0353	1.105	0.0100	1.423	0.1124	0.0305	20	-2.83	11%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0675	1.160	0.0200	1.423	0.1124	0.0305	20	-2.34	9%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0226	1.210	0.0242	1.423	0.1124	0.0305	20	-1.90	7%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0939	1.330	0.0400	1.423	0.1124	0.0305	20	-0.83	3%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0354	1.377	0.0190	1.423	0.1124	0.0305	20	-0.41	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0870	1.382	0.0070	1.423	0.1124	0.0305	20	-0.36	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0682	1.383	0.0000	1.423	0.1124	0.0305	20	-0.36	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
138.00	Valine, Post-col Ninhydrin Der (%)	0619	1.390	0.0000	1.423	0.1124	0.0305	20	-0.29	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0652	1.400	0.0200	1.423	0.1124	0.0305	20	-0.21	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0868	1.401	0.0730	1.423	0.1124	0.0305	20	-0.20	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0910	1.420	0.1000	1.423	0.1124	0.0305	20	-0.03	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	2059	1.448	0.0010	1.423	0.1124	0.0305	20	0.22	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0872	1.471	0.0570	1.423	0.1124	0.0305	20	0.42	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0571	1.491	0.0260	1.423	0.1124	0.0305	20	0.60	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0918	1.498	0.0521	1.423	0.1124	0.0305	20	0.67	3%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0968	1.510	0.0060	1.423	0.1124	0.0305	20	0.77	3%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0644	1.535	0.0040	1.423	0.1124	0.0305	20	1.00	4%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0227	1.550	0.1000	1.423	0.1124	0.0305	20	1.13	4%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0859	1.554	0.0112	1.423	0.1124	0.0305	20	1.17	5%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0504	1.560	0.0400	1.423	0.1124	0.0305	20	1.22	5%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0684	1.385	0.1700	1.423	0.1124	0.0305	20	-0.34	1%	1
138.02	Valine, Post-col OPA Der (%)	0098	1.511	0.0120				1			0
138.05	Valine, Pre-col AQC Der (%)	2196	1.348	0.0000	1.481	0.0989	0.0196	7	-1.35	4%	0
138.05	Valine, Pre-col AQC Der (%)	2246	1.445	0.0300	1.481	0.0989	0.0196	7	-0.37	1%	0
138.05	Valine, Pre-col AQC Der (%)	0676	1.455	0.0300	1.481	0.0989	0.0196	7	-0.26	1%	0
138.05	Valine, Pre-col AQC Der (%)	0626	1.456	0.0470	1.481	0.0989	0.0196	7	-0.26	1%	0
138.05	Valine, Pre-col AQC Der (%)	2188	1.500	0.0000	1.481	0.0989	0.0196	7	0.19	1%	0
138.05	Valine, Pre-col AQC Der (%)	0610	1.535	0.0100	1.481	0.0989	0.0196	7	0.54	2%	0
138.05	Valine, Pre-col AQC Der (%)	0148	1.710	0.0200	1.481	0.0989	0.0196	7	2.31	8%	0
138.05	Valine, Pre-col AQC Der (%)	0407	1.748	0.3110	1.481	0.0989	0.0196	7	2.69	9%	1
138.99	Valine, Miscellaneous (%)	0889	1.120	0.0138				1			0
139.00	Taurine, Post-col Ninhydrin Der (%)	0682	0.0540	0.0000				2			0
139.00	Taurine, Post-col Ninhydrin Der (%)	0504	0.1300	0.0200				2			0
139.02	Taurine, Post-col OPA Der (%)	0098	< 0.01					0			5
139.05	Taurine, Pre-col AQC Der (%)	0407	0.0000	0.0000				0			4
139.99	Taurine, Miscellaneous (%)	0889	0.0900	0.0000				1			0
162.99	Glucose, Miscellaneous (%)	0227	< 0.15					0			5
163.99	Lactose, Miscellaneous (%)	0227	< 0.15					0			5
164.99	Maltose, Miscellaneous (%)	0227	< 0.15					0			5
165.99	Sucrose, Miscellaneous (%)	0227	3.600	0.3000				1			0
166.99	Raffinose, Miscellaneous (%)	0227	1.035	0.0100				1			0
167.99	Stachyose, Miscellaneous (%)	0227	1.385	0.0100				1			0
373.03	Oxytetracycline, LC (mg/kg (ppm))	0218	< 10					0			5
373.06	Oxytetracycline, LC-MS/MS (mg/kg (ppm))	0939	0.7655	0.0150				2			0
373.06	Oxytetracycline, LC-MS/MS (mg/kg (ppm))	2248	1.990	0.4600				2			0
393.00	Ractopamine Hydrochloride, LC (UV or FL) (mg/kg (ppm))	0904	< 1					0			5
393.02	Ractopamine Hydrochloride, LC-MS/MS (mg/kg (ppm))	2248	0.0185	0.0010				1			0
393.02	Ractopamine Hydrochloride, LC-MS/MS (mg/kg (ppm))	0148	< 0.033					1			5
393.99	Ractopamine Hydrochloride, Miscellaneous (mg/kg (ppm))	2246	5.585	0.1100				1			0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
400.01	Water Activity, Aqualab chilled mirror (Units)	2268	0.4080	0.0040	0.5051	0.0184	0.0030	7	-5.29	10%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	0942	0.4980	0.0060	0.5051	0.0184	0.0030	7	-0.39	1%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	0407	0.5015	0.0015	0.5051	0.0184	0.0030	7	-0.20	0%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	0589	0.5035	0.0050	0.5051	0.0184	0.0030	7	-0.09	0%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	0843	0.5078	0.0001	0.5051	0.0184	0.0030	7	0.14	0%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	2075	0.5151	0.0005	0.5051	0.0184	0.0030	7	0.54	1%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	2109	0.5590	0.0042	0.5051	0.0184	0.0030	7	2.93	5%	0
400.99	Water Activity, Miscellaneous (Units)	2033	0.4985	0.0010				3			0
400.99	Water Activity, Miscellaneous (Units)	0843	0.5035	0.0030				3			0
400.99	Water Activity, Miscellaneous (Units)	2073	0.5875	0.0030				3			0
412.01	Starch, Dietary, Enzymatic-Colorimetric (%)	0353	10.50	0.0700				1			0
516.00	Arsenic, Total, AA, Hydride (mg / kg (ppm))	0045	0.1130	0.0220				2			0
516.00	Arsenic, Total, AA, Hydride (mg / kg (ppm))	0171	0.1295	0.0571				2			0
516.43	Arsenic, Total, ICP, Microwave (mg / kg (ppm))	0407	1.166	0.6370				1			0
516.52	Arsenic, Total, ICP-MS, Open vessel (mg / kg (ppm))	0186	0.1019	0.0052				2			0
516.52	Arsenic, Total, ICP-MS, Open vessel (mg / kg (ppm))	0910	0.1200	0.0000				2			0
516.53	Arsenic, Total, ICP-MS, Microwave (mg / kg (ppm))	0199	0.1250	0.0100	0.1407	0.0126	0.0126	4			0
516.53	Arsenic, Total, ICP-MS, Microwave (mg / kg (ppm))	0553	0.1370	0.0180	0.1407	0.0126	0.0126	4			0
516.53	Arsenic, Total, ICP-MS, Microwave (mg / kg (ppm))	0918	0.1470	0.0183	0.1407	0.0126	0.0126	4			0
516.53	Arsenic, Total, ICP-MS, Microwave (mg / kg (ppm))	2012	0.1540	0.0040	0.1407	0.0126	0.0126	4			0
518.41	Cadmium, ICP, Dry ash (mg / kg (ppm))	0407	0.1448	0.0025				2			0
518.41	Cadmium, ICP, Dry ash (mg / kg (ppm))	0171	0.2050	0.1300				2			0
518.42	Cadmium, ICP, Open vessel (mg / kg (ppm))	0045	0.4055	0.0130				1			0
518.43	Cadmium, ICP, Microwave (mg / kg (ppm))	0407	0.1345	0.0113				2			0
518.43	Cadmium, ICP, Microwave (mg / kg (ppm))	0968	0.1650	0.0020				2			0
518.52	Cadmium, ICP-MS, Open vessel (mg / kg (ppm))	0910	0.1500	0.0200				2			0
518.52	Cadmium, ICP-MS, Open vessel (mg / kg (ppm))	0186	0.1550	0.0080				2			0
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	2012	0.1495	0.0010	0.1618	0.0140	0.0027	4			0
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	0199	0.1500	0.0000	0.1618	0.0140	0.0027	4			0
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	0918	0.1721	0.0028	0.1618	0.0140	0.0027	4			0
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	0553	0.1755	0.0070	0.1618	0.0140	0.0027	4			0
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	0610	0.1400	0.0200	0.1618	0.0140	0.0027	4			1
520.41	Chromium, ICP, Dry ash (mg / kg (ppm))	0407	2.872	0.3290				2			0
520.41	Chromium, ICP, Dry ash (mg / kg (ppm))	0171	3.200	0.0200				2			0
520.42	Chromium, ICP, Open vessel (mg / kg (ppm))	0693	3.752	0.0440				2			0
520.42	Chromium, ICP, Open vessel (mg / kg (ppm))	0045	4.280	0.1600				2			0
520.43	Chromium, ICP, Microwave (mg / kg (ppm))	0968	2.246	0.0850				3			0
520.43	Chromium, ICP, Microwave (mg / kg (ppm))	0407	3.461	1.528				3			0
520.43	Chromium, ICP, Microwave (mg / kg (ppm))	0510	4.455	0.1100				3			0
520.52	Chromium, ICP-MS, Open vessel (mg / kg (ppm))	0186	1.935	0.0900				1			0
520.53	Chromium, ICP-MS, Microwave (mg / kg (ppm))	0918	2.382	0.2109	3.025	0.5884	0.2327	4			0
520.53	Chromium, ICP-MS, Microwave (mg / kg (ppm))	0199	2.710	0.1800	3.025	0.5884	0.2327	4			0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
520.53	Chromium, ICP-MS, Microwave (mg / kg (ppm))	0164	3.325	0.1700	3.025	0.5884	0.2327	4		0	
520.53	Chromium, ICP-MS, Microwave (mg / kg (ppm))	0553	3.685	0.3700	3.025	0.5884	0.2327	4		0	
526.41	Lead, ICP, Dry ash (mg / kg (ppm))	0407	0.1525	0.0377				2		0	
526.41	Lead, ICP, Dry ash (mg / kg (ppm))	0171	0.4850	0.0100				2		0	
526.43	Lead, ICP, Microwave (mg / kg (ppm))	0407	0.2062	0.0403				1		0	
526.52	Lead, ICP-MS, Open vessel (mg / kg (ppm))	0186	0.0758	0.0013				1		0	
526.52	Lead, ICP-MS, Open vessel (mg / kg (ppm))	0910	< 0.1					1		5	
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	0199	0.0750	0.0100	0.0882	0.0096	0.0080	4		0	
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	0918	0.0877	0.0002	0.0882	0.0096	0.0080	4		0	
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	0553	0.0932	0.0157	0.0882	0.0096	0.0080	4		0	
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	2012	0.0970	0.0060	0.0882	0.0096	0.0080	4		0	
529.99	Mercury, Miscellaneous (µg / kg (ppb))	2012	2.109	0.2880				1		0	
529.99	Mercury, Miscellaneous (µg / kg (ppb))	0918	< 20					1		5	
529.99	Mercury, Miscellaneous (µg / kg (ppb))	0199	< 50					1		5	
539.41	Nickel, ICP, Dry ash (mg / kg (ppm))	0407	3.399	0.2658				2		0	
539.41	Nickel, ICP, Dry ash (mg / kg (ppm))	0171	3.400	0.0800				2		0	
539.43	Nickel, ICP, Microwave (mg / kg (ppm))	0407	3.312	0.5655				1		0	
539.52	Nickel, ICP-MS, Open vessel (mg / kg (ppm))	0186	3.175	0.0900				1		0	
539.53	Nickel, ICP-MS, Microwave (mg / kg (ppm))	0918	3.337	0.2178				2		0	
539.53	Nickel, ICP-MS, Microwave (mg / kg (ppm))	0553	3.920	0.0400				2		0	
702.00	Butyric Acid (4:0), Miscellaneous GC (%)	0619	0.0000	0.0000				0		4	
704.00	Caproic Acid (6:0) , Miscellaneous GC (%)	0619	0.0000	0.0000				0		4	
706.01	Caprylic acid (8:0), Direct Methylation by Alkali Hydrolysis	0619	0.0000	0.0000				0		4	
708.01	Capric acid (10:0), Direct Methylation by Alkali Hydrolysis	0619	0.0000	0.0000				0		4	
710.01	Lauric Acid (12:0), Direct Methylation by Alkali Hydrolysis	0619	0.0195	0.0010				1		0	
710.99	Lauric Acid (12:0), Miscellaneous (% (w/w))	0226	< 0.005					0		5	
710.99	Lauric Acid (12:0), Miscellaneous (% (w/w))	0676	< 0.01					0		5	
710.99	Lauric Acid (12:0), Miscellaneous (% (w/w))	0164	< 0.02					0		5	
714.01	Myristic Acid (14:0) , Direct Methylation by Alkali Hydrolysi	0619	0.0335	0.0010				1		0	
714.99	Myristic Acid (14:0) , Miscellaneous (% (w/w))	0226	0.0245	0.0010				2		0	
714.99	Myristic Acid (14:0) , Miscellaneous (% (w/w))	0164	0.0350	0.0100				2		0	
716.01	Palmitic Acid (16:0), Direct Methylation by Alkali Hydrolysi:	0619	0.8675	0.0050				1		0	
716.99	Palmitic Acid (16:0), Miscellaneous (% (w/w))	0226	0.8685	0.0210				2		0	
716.99	Palmitic Acid (16:0), Miscellaneous (% (w/w))	0164	1.070	0.0600				2		0	
718.01	Palmitoleic Acid (9c-16:1), Direct Methylation by Alkali Hyc	0619	0.0595	0.0010				1		0	
718.99	Palmitoleic Acid (9c-16:1), Miscellaneous (% (w/w))	0226	0.0460	0.0020				3		0	
718.99	Palmitoleic Acid (9c-16:1), Miscellaneous (% (w/w))	0676	0.0540	0.0020				3		0	
718.99	Palmitoleic Acid (9c-16:1), Miscellaneous (% (w/w))	0164	0.0750	0.0100				3		0	
722.01	Stearic Acid (18:0), Direct Methylation by Alkali Hydrolysis	0619	0.1575	0.0030				1		0	
722.99	Stearic Acid (18:0), Miscellaneous (% (w/w))	0226	0.1760	0.0040				2		0	
722.99	Stearic Acid (18:0), Miscellaneous (% (w/w))	0164	0.2100	0.0200				2		0	
724.01	Oleic Acid (9c-18:1), Direct Methylation by Alkali Hydrolysi	0619	1.205	0.0700				1		0	

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
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724.99	Oleic Acid (9c-18:1), Miscellaneous (% (w/w))	0226	1.447	0.0440				2		0	
724.99	Oleic Acid (9c-18:1), Miscellaneous (% (w/w))	0164	1.765	0.0500				2		0	
726.01	Linoleic Acid (9c,12c-18:2), Direct Methylation by Alkali Hy	0619	1.675	0.0300				1		0	
726.02	Linoleic Acid (9c,12c-18:2), Direct Methylation by Acid-Alk	0148	2.025	0.0300				1		0	
726.99	Linoleic Acid (9c,12c-18:2), Miscellaneous (% (w/w))	0226	1.898	0.0150				3		0	
726.99	Linoleic Acid (9c,12c-18:2), Miscellaneous (% (w/w))	0164	2.205	0.0100				3		0	
726.99	Linoleic Acid (9c,12c-18:2), Miscellaneous (% (w/w))	0676	2.355	0.0040				3		0	
728.01	alpha-Linolenic Acid (9c,12c,15c-18:3), Direct Methylation	0619	0.1190	0.0000				1		0	
728.99	alpha-Linolenic Acid (9c,12c,15c-18:3), Miscellaneous (%	0226	0.1165	0.0010				3		0	
728.99	alpha-Linolenic Acid (9c,12c,15c-18:3), Miscellaneous (%	0164	0.1400	0.0000				3		0	
728.99	alpha-Linolenic Acid (9c,12c,15c-18:3), Miscellaneous (%	0676	0.1455	0.0030				3		0	
730.01	Arachidic Acid (20:0), Direct Methylation by Alkali Hydroly	0619	0.0350	0.0020				1		0	
730.99	Arachidic Acid (20:0), Miscellaneous (% (w/w))	0226	0.0140	0.0000				1		0	
730.99	Arachidic Acid (20:0), Miscellaneous (% (w/w))	0164	< 0.02					1		5	
732.01	Gondoic Acid (11c-20:1), Direct Methylation by Alkali Hydr	0619	0.0470	0.0000				1		0	
732.99	Gondoic Acid (11c-20:1), Miscellaneous (% (w/w))	0226	0.0390	0.0000				2		0	
732.99	Gondoic Acid (11c-20:1), Miscellaneous (% (w/w))	0164	0.0500	0.0000				2		0	
736.01	Arachidonic Acid (5c,8c,11c,14c-20:4), Direct Methylation	0619	0.0000	0.0000				0		4	
736.99	Arachidonic Acid (5c,8c,11c,14c-20:4), Miscellaneous (%	0676	0.0100	0.0020				1		0	
738.01	Mead Acid (11c,14c,17c-20:3), Direct Methylation by Alkal	0619	0.0325	0.0010				1		0	
740.01	Eicosapentaenoic Acid EPA (5c,8c,11c,14c,17c-20:5), Dir	0619	0.0000	0.0000				0		4	
740.99	Eicosapentaenoic Acid EPA (5c,8c,11c,14c,17c-20:5), Mis	0226	0.0050	0.0000				2		0	
740.99	Eicosapentaenoic Acid EPA (5c,8c,11c,14c,17c-20:5), Mis	0676	0.0055	0.0010				2		0	
742.99	Behenic Acid (22:0), Miscellaneous (% (w/w))	0226	0.0215	0.0070				2		0	
742.99	Behenic Acid (22:0), Miscellaneous (% (w/w))	0164	0.0250	0.0100				2		0	
744.01	Erucic Acid (13c-22:1), Direct Methylation by Alkali Hydro	0619	0.0000	0.0000				0		4	
744.99	Erucic Acid (13c-22:1), Miscellaneous (% (w/w))	0226	< 0.005					0		5	
746.01	Docosapentaenoic Acid n-3 DPA (7c,10c,13c,16c,19c-22:5)	0619	0.0000	0.0000				0		4	
746.99	Docosapentaenoic Acid n-3 DPA (7c,10c,13c,16c,19c-22:5)	0676	0.0055	0.0010				1		0	
746.99	Docosapentaenoic Acid n-3 DPA (7c,10c,13c,16c,19c-22:5)	0226	< 0.005					1		5	
748.99	Lignoceric Acid (24:0), Miscellaneous (% (w/w))	0226	0.0115	0.0050				1		0	
750.01	Docosahexaenoic Acid DHA (4c,7c,10c,13c,16c,19c-22:6)	0619	0.0000	0.0000				0		4	
750.99	Docosahexaenoic Acid DHA (4c,7c,10c,13c,16c,19c-22:6)	0226	0.0100	0.0020				2		0	
750.99	Docosahexaenoic Acid DHA (4c,7c,10c,13c,16c,19c-22:6)	0676	0.0100	0.0000				2		0	
752.01	Nervonic Acid (24:1) isomers, Direct Methylation by Alkali	0619	0.0000	0.0000				0		4	
752.99	Nervonic Acid (24:1) isomers, Miscellaneous (% (w/w))	0226	< 0.005					0		5	
754.02	Total n-3 Polyunsaturated (Omega-3) Fatty Acids, Direct M	0148	0.1515	0.0010				1		0	
754.99	Total n-3 Polyunsaturated (Omega-3) Fatty Acids, Miscell	0164	0.1700	0.0000				2		0	
754.99	Total n-3 Polyunsaturated (Omega-3) Fatty Acids, Miscell	0676	0.1700	0.0000				2		0	
756.01	Total n-6 Polyunsaturated (Omega-6) Fatty Acids, Direct M	0148	2.050	0.0200				1		0	
756.99	Total n-6 Polyunsaturated (Omega-6) Fatty Acids, Miscell	0164	2.235	0.0100				2		0	
756.99	Total n-6 Polyunsaturated (Omega-6) Fatty Acids, Miscell	0676	2.405	0.0100				2		0	

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
758.99	Total Saturated Fatty Acids, Miscellaneous (% (w/w))	0164	1.405	0.0900				1		0	
762.99	Total Monounsaturated Fatty Acids, Miscellaneous (% (w/w))	0164	1.880	0.0600				1		0	
766.99	Total Polyunsaturated Fatty Acids, Miscellaneous (% (w/w))	0164	2.420	0.0200				1		0	
770.99	Total Fat (equivalent to NLEA), Miscellaneous (% (w/w))	0164	6.000	0.1800				1		0	
772.99	Total Fatty Acids, Miscellaneous (% (w/w))	0226	4.678	0.0890				2		0	
772.99	Total Fatty Acids, Miscellaneous (% (w/w))	0164	5.740	0.1800				2		0	

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