

Animal Feed Scheme
Swine Feed, Residue

Test Material Code # 201932

Method Proficiency Testing Report

Labs Reporting: 183
Methods Reported 404
Issue Date : 01/31/2020

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	0.3500	0.1000				1			0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0017	7.050	0.1000	8.617	1.380	0.0355	4			0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0027	7.874	0.0200	8.617	1.380	0.0355	4			0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0169	9.625	0.0100	8.617	1.380	0.0355	4			0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0309	9.917	0.0120	8.617	1.380	0.0355	4			0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0504	9.445	0.3500	8.617	1.380	0.0355	4			1
001.03	Loss on Drying, Low temp. methods (%)	0619	9.495	0.0100	9.721	0.2174	0.0329	6	-1.04	1%	0
001.03	Loss on Drying, Low temp. methods (%)	2058	9.600	0.0400	9.721	0.2174	0.0329	6	-0.56	1%	0
001.03	Loss on Drying, Low temp. methods (%)	0868	9.645	0.0100	9.721	0.2174	0.0329	6	-0.35	0%	0
001.03	Loss on Drying, Low temp. methods (%)	2062	9.751	0.0474	9.721	0.2174	0.0329	6	0.14	0%	0
001.03	Loss on Drying, Low temp. methods (%)	0878	9.790	0.0800	9.721	0.2174	0.0329	6	0.32	0%	0
001.03	Loss on Drying, Low temp. methods (%)	0893	10.23	0.0100	9.721	0.2174	0.0329	6	2.32	3%	0
001.03	Loss on Drying, Low temp. methods (%)	0843	10.11	0.2800	9.721	0.2174	0.0329	6	1.79	2%	1
001.05	Loss on Drying, LECO (%)	0644	9.400	0.0200				2			0
001.05	Loss on Drying, LECO (%)	0968	10.15	0.0270				2			0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0682	9.180	0.0000	9.658	0.2586	0.0881	46	-1.85	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0034	9.295	0.2500	9.658	0.2586	0.0881	46	-1.41	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0505	9.295	0.1100	9.658	0.2586	0.0881	46	-1.41	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2146	9.300	0.0200	9.658	0.2586	0.0881	46	-1.39	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0675	9.365	0.0300	9.658	0.2586	0.0881	46	-1.14	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0278	9.375	0.1700	9.658	0.2586	0.0881	46	-1.10	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2190	9.385	0.0100	9.658	0.2586	0.0881	46	-1.06	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0035	9.390	0.0800	9.658	0.2586	0.0881	46	-1.04	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0083	9.390	0.0200	9.658	0.2586	0.0881	46	-1.04	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0226	9.445	0.2700	9.658	0.2586	0.0881	46	-0.83	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0683	9.460	0.0000	9.658	0.2586	0.0881	46	-0.77	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0049	9.470	0.1200	9.658	0.2586	0.0881	46	-0.73	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0849	9.480	0.1600	9.658	0.2586	0.0881	46	-0.69	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0148	9.515	0.0700	9.658	0.2586	0.0881	46	-0.55	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0297	9.525	0.2900	9.658	0.2586	0.0881	46	-0.52	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0571	9.540	0.0800	9.658	0.2586	0.0881	46	-0.46	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2109	9.540	0.0000	9.658	0.2586	0.0881	46	-0.46	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0345	9.550	0.0400	9.658	0.2586	0.0881	46	-0.42	1%	0

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001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2144	9.570	0.0000	9.658	0.2586	0.0881	46	-0.34	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2059	9.580	0.0400	9.658	0.2586	0.0881	46	-0.30	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2053	9.600	0.0200	9.658	0.2586	0.0881	46	-0.23	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2009	9.647	0.0124	9.658	0.2586	0.0881	46	-0.05	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0033	9.680	0.0000	9.658	0.2586	0.0881	46	0.08	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0353	9.685	0.0300	9.658	0.2586	0.0881	46	0.10	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0853	9.700	0.0000	9.658	0.2586	0.0881	46	0.16	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2259	9.701	0.0080	9.658	0.2586	0.0881	46	0.16	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0139	9.740	0.0200	9.658	0.2586	0.0881	46	0.32	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0074	9.745	0.2900	9.658	0.2586	0.0881	46	0.33	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0876	9.750	0.1000	9.658	0.2586	0.0881	46	0.35	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0142	9.755	0.1300	9.658	0.2586	0.0881	46	0.37	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0171	9.790	0.0600	9.658	0.2586	0.0881	46	0.51	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0045	9.795	0.4100	9.658	0.2586	0.0881	46	0.53	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0581	9.830	0.0400	9.658	0.2586	0.0881	46	0.66	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0590	9.840	0.0000	9.658	0.2586	0.0881	46	0.70	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0638	9.840	0.0000	9.658	0.2586	0.0881	46	0.70	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0089	9.860	0.0000	9.658	0.2586	0.0881	46	0.78	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0693	9.867	0.2460	9.658	0.2586	0.0881	46	0.81	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0003	9.880	0.0800	9.658	0.2586	0.0881	46	0.86	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2192	9.890	0.1200	9.658	0.2586	0.0881	46	0.90	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0689	9.900	0.0000	9.658	0.2586	0.0881	46	0.93	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0407	9.920	0.0162	9.658	0.2586	0.0881	46	1.01	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0066	9.990	0.0600	9.658	0.2586	0.0881	46	1.28	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0098	10.01	0.1700	9.658	0.2586	0.0881	46	1.34	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0843	10.11	0.2800	9.658	0.2586	0.0881	46	1.75	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0872	10.15	0.1000	9.658	0.2586	0.0881	46	1.90	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0529	10.70	0.1000	9.658	0.2586	0.0881	46	4.03	5%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0366	10.00	0.6000	9.658	0.2586	0.0881	46	1.32	2%	1
001.08	Loss on Drying, 102°C 16 hr, in meat (%)	0921	10.19	0.0600				1			0
001.99	Loss on Drying, Miscellaneous (%)	0618	7.820	0.1000	9.540	0.5326	0.0892	20	-3.23	9%	0
001.99	Loss on Drying, Miscellaneous (%)	2081	8.540	0.2800	9.540	0.5326	0.0892	20	-1.88	5%	0
001.99	Loss on Drying, Miscellaneous (%)	0676	8.585	0.0100	9.540	0.5326	0.0892	20	-1.79	5%	0
001.99	Loss on Drying, Miscellaneous (%)	2242	9.085	0.0300	9.540	0.5326	0.0892	20	-0.85	2%	0
001.99	Loss on Drying, Miscellaneous (%)	2268	9.135	0.1100	9.540	0.5326	0.0892	20	-0.76	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0610	9.255	0.0300	9.540	0.5326	0.0892	20	-0.54	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0948	9.480	0.0600	9.540	0.5326	0.0892	20	-0.11	0%	0
001.99	Loss on Drying, Miscellaneous (%)	2246	9.505	0.0100	9.540	0.5326	0.0892	20	-0.07	0%	0
001.99	Loss on Drying, Miscellaneous (%)	0186	9.585	0.2100	9.540	0.5326	0.0892	20	0.08	0%	0
001.99	Loss on Drying, Miscellaneous (%)	0510	9.600	0.0000	9.540	0.5326	0.0892	20	0.11	0%	0
001.99	Loss on Drying, Miscellaneous (%)	0918	9.635	0.0700	9.540	0.5326	0.0892	20	0.18	0%	0
001.99	Loss on Drying, Miscellaneous (%)	0910	9.650	0.1000	9.540	0.5326	0.0892	20	0.21	1%	0

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001.99	Loss on Drying, Miscellaneous (%)	0037	9.745	0.0100	9.540	0.5326	0.0892	20	0.38	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0560	9.800	0.2000	9.540	0.5326	0.0892	20	0.49	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0019	9.810	0.0800	9.540	0.5326	0.0892	20	0.51	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0021	9.850	0.1000	9.540	0.5326	0.0892	20	0.58	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0612	9.855	0.0700	9.540	0.5326	0.0892	20	0.59	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0357	9.912	0.0634	9.540	0.5326	0.0892	20	0.70	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0536	10.38	0.0500	9.540	0.5326	0.0892	20	1.57	4%	0
001.99	Loss on Drying, Miscellaneous (%)	0955	10.80	0.2000	9.540	0.5326	0.0892	20	2.37	7%	0
001.99	Loss on Drying, Miscellaneous (%)	2155	8.180	0.5200	9.540	0.5326	0.0892	20	-2.55	7%	1
001.99	Loss on Drying, Miscellaneous (%)	0889	86.45	0.1000	9.540	0.5326	0.0892	20	144.40	403%	2
002.00	Protein, Crude, Crude (%)	0169	15.61	0.0800				1			0
002.01	Protein, Crude, Auto Kjel-Foss (%)	0910	15.30	0.2000	15.61	0.2119	0.1194	12	-1.46	1%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	2248	15.40	0.2000	15.61	0.2119	0.1194	12	-0.98	1%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	0653	15.42	0.0000	15.61	0.2119	0.1194	12	-0.89	1%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	0870	15.52	0.2460	15.61	0.2119	0.1194	12	-0.43	0%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	2188	15.53	0.0300	15.61	0.2119	0.1194	12	-0.39	0%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	0652	15.55	0.1000	15.61	0.2119	0.1194	12	-0.28	0%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	0662	15.66	0.3125	15.61	0.2119	0.1194	12	0.23	0%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	0968	15.69	0.0150	15.61	0.2119	0.1194	12	0.40	0%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	2259	15.71	0.1990	15.61	0.2119	0.1194	12	0.50	0%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	2193	15.80	0.1100	15.61	0.2119	0.1194	12	0.88	1%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	2196	15.82	0.0000	15.61	0.2119	0.1194	12	1.00	1%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	0685	15.91	0.0200	15.61	0.2119	0.1194	12	1.42	1%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	0889	0.4600	0.0000	15.61	0.2119	0.1194	12	-71.49	49%	2
002.02	Protein, Crude, Semiauto Autoanalyzer (%)	0036	15.46	0.1478				2			0
002.02	Protein, Crude, Semiauto Autoanalyzer (%)	0066	15.68	0.1400				2			0
002.04	Protein, Crude, Copper Catalyst (%)	0874	15.44	0.2500				3			0
002.04	Protein, Crude, Copper Catalyst (%)	0504	15.52	0.3500				3			0
002.04	Protein, Crude, Copper Catalyst (%)	0638	15.64	0.0200				3			0
002.05	Protein, Crude, Copper, Boric Acid (%)	0921	15.18	0.0000	15.59	0.1476	0.1114	33	-2.75	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2246	15.30	0.1800	15.59	0.1476	0.1114	33	-1.94	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2190	15.38	0.2500	15.59	0.1476	0.1114	33	-1.43	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2192	15.43	0.0900	15.59	0.1476	0.1114	33	-1.09	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2144	15.43	0.3600	15.59	0.1476	0.1114	33	-1.06	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2109	15.46	0.2400	15.59	0.1476	0.1114	33	-0.86	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0622	15.47	0.0364	15.59	0.1476	0.1114	33	-0.80	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0939	15.48	0.0700	15.59	0.1476	0.1114	33	-0.75	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0689	15.50	0.2000	15.59	0.1476	0.1114	33	-0.58	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2097	15.52	0.0100	15.59	0.1476	0.1114	33	-0.48	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2022	15.52	0.1800	15.59	0.1476	0.1114	33	-0.45	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0868	15.53	0.0600	15.59	0.1476	0.1114	33	-0.38	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2181	15.53	0.2400	15.59	0.1476	0.1114	33	-0.38	0%	0

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002.05	Protein, Crude, Copper, Boric Acid (%)	0955	15.55	0.1000	15.59	0.1476	0.1114	33	-0.25	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0354	15.57	0.0300	15.59	0.1476	0.1114	33	-0.14	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0651	15.57	0.1240	15.59	0.1476	0.1114	33	-0.10	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0683	15.58	0.3000	15.59	0.1476	0.1114	33	-0.04	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2009	15.59	0.0204	15.59	0.1476	0.1114	33	0.04	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0619	15.60	0.2000	15.59	0.1476	0.1114	33	0.09	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2062	15.62	0.0487	15.59	0.1476	0.1114	33	0.21	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0881	15.62	0.1360	15.59	0.1476	0.1114	33	0.24	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0893	15.64	0.0300	15.59	0.1476	0.1114	33	0.33	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0878	15.64	0.1700	15.59	0.1476	0.1114	33	0.33	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0675	15.66	0.0800	15.59	0.1476	0.1114	33	0.50	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0885	15.66	0.0719	15.59	0.1476	0.1114	33	0.53	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0849	15.71	0.0300	15.59	0.1476	0.1114	33	0.80	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2058	15.71	0.0300	15.59	0.1476	0.1114	33	0.80	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2073	15.73	0.0100	15.59	0.1476	0.1114	33	0.94	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2152	15.75	0.0200	15.59	0.1476	0.1114	33	1.11	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2006	15.79	0.0400	15.59	0.1476	0.1114	33	1.38	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0897	15.83	0.0500	15.59	0.1476	0.1114	33	1.62	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0536	15.83	0.2200	15.59	0.1476	0.1114	33	1.65	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0948	15.87	0.0500	15.59	0.1476	0.1114	33	1.89	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2199	15.30	1.200	15.59	0.1476	0.1114	33	-1.94	1%	1
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0853	15.05	0.1000	15.79	0.2581	0.1602	120	-2.85	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0529	15.06	0.5600	15.79	0.2581	0.1602	120	-2.81	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2053	15.15	0.1000	15.79	0.2581	0.1602	120	-2.46	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0644	15.23	0.1710	15.79	0.2581	0.1602	120	-2.17	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0049	15.25	0.5000	15.79	0.2581	0.1602	120	-2.07	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0581	15.26	0.0300	15.79	0.2581	0.1602	120	-2.05	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0139	15.34	0.4900	15.79	0.2581	0.1602	120	-1.74	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0089	15.35	0.0100	15.79	0.2581	0.1602	120	-1.70	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2268	15.37	0.0000	15.79	0.2581	0.1602	120	-1.61	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0144	15.40	0.2000	15.79	0.2581	0.1602	120	-1.49	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0366	15.45	0.1000	15.79	0.2581	0.1602	120	-1.30	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0884	15.45	0.1000	15.79	0.2581	0.1602	120	-1.30	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0038	15.46	0.0250	15.79	0.2581	0.1602	120	-1.25	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0939	15.48	0.1100	15.79	0.2581	0.1602	120	-1.20	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0003	15.48	0.1700	15.79	0.2581	0.1602	120	-1.20	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0598	15.48	0.1900	15.79	0.2581	0.1602	120	-1.20	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0539	15.51	0.0600	15.79	0.2581	0.1602	120	-1.07	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0202	15.52	0.2000	15.79	0.2581	0.1602	120	-1.03	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0693	15.54	0.5450	15.79	0.2581	0.1602	120	-0.94	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2150	15.56	0.0400	15.79	0.2581	0.1602	120	-0.87	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0036	15.57	0.2800	15.79	0.2581	0.1602	120	-0.83	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			
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0505	15.57	0.2000	15.79	0.2581	0.1602	120	-0.83	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0171	15.58	0.0600	15.79	0.2581	0.1602	120	-0.79	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0589	15.58	0.2000	15.79	0.2581	0.1602	120	-0.79	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0870	15.59	0.2163	15.79	0.2581	0.1602	120	-0.76	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0100	15.59	0.0000	15.79	0.2581	0.1602	120	-0.76	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0042	15.60	0.2000	15.79	0.2581	0.1602	120	-0.72	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0504	15.60	0.3600	15.79	0.2581	0.1602	120	-0.72	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0687	15.60	0.2000	15.79	0.2581	0.1602	120	-0.72	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0880	15.60	0.2000	15.79	0.2581	0.1602	120	-0.72	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0226	15.63	0.1300	15.79	0.2581	0.1602	120	-0.62	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0676	15.63	0.1300	15.79	0.2581	0.1602	120	-0.62	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2168	15.63	0.0300	15.79	0.2581	0.1602	120	-0.62	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0010	15.65	0.1000	15.79	0.2581	0.1602	120	-0.52	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0278	15.65	0.1000	15.79	0.2581	0.1602	120	-0.52	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0868	15.65	0.0200	15.79	0.2581	0.1602	120	-0.52	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0955	15.65	0.3000	15.79	0.2581	0.1602	120	-0.52	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0006	15.66	0.3100	15.79	0.2581	0.1602	120	-0.50	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0164	15.66	0.1900	15.79	0.2581	0.1602	120	-0.50	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0001	15.66	0.0600	15.79	0.2581	0.1602	120	-0.48	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0682	15.69	0.0000	15.79	0.2581	0.1602	120	-0.37	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0574	15.70	0.4000	15.79	0.2581	0.1602	120	-0.33	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0618	15.71	0.0040	15.79	0.2581	0.1602	120	-0.30	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2216	15.71	0.1200	15.79	0.2581	0.1602	120	-0.29	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0626	15.73	0.0470	15.79	0.2581	0.1602	120	-0.21	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0032	15.74	0.0100	15.79	0.2581	0.1602	120	-0.19	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0074	15.75	0.1300	15.79	0.2581	0.1602	120	-0.16	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0016	15.75	0.1000	15.79	0.2581	0.1602	120	-0.14	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0033	15.75	0.5000	15.79	0.2581	0.1602	120	-0.14	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0619	15.75	0.1000	15.79	0.2581	0.1602	120	-0.14	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0910	15.75	0.1000	15.79	0.2581	0.1602	120	-0.14	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0425	15.76	0.2500	15.79	0.2581	0.1602	120	-0.12	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0968	15.76	0.0770	15.79	0.2581	0.1602	120	-0.11	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0148	15.76	0.0400	15.79	0.2581	0.1602	120	-0.10	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0354	15.77	0.0500	15.79	0.2581	0.1602	120	-0.08	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0918	15.77	0.0900	15.79	0.2581	0.1602	120	-0.08	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0027	15.77	0.3140	15.79	0.2581	0.1602	120	-0.06	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0964	15.78	0.0300	15.79	0.2581	0.1602	120	-0.04	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0571	15.79	0.2900	15.79	0.2581	0.1602	120	0.00	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2213	15.79	0.0200	15.79	0.2581	0.1602	120	0.02	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0037	15.80	0.0100	15.79	0.2581	0.1602	120	0.04	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0017	15.80	0.2000	15.79	0.2581	0.1602	120	0.06	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0098	15.80	0.4000	15.79	0.2581	0.1602	120	0.06	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0242	15.80	0.1800	15.79	0.2581	0.1602	120	0.06	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0294	15.80	0.0000	15.79	0.2581	0.1602	120	0.06	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0857	15.80	0.3200	15.79	0.2581	0.1602	120	0.06	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0956	15.80	0.2000	15.79	0.2581	0.1602	120	0.06	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2081	15.82	0.0900	15.79	0.2581	0.1602	120	0.12	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0035	15.82	0.2400	15.79	0.2581	0.1602	120	0.14	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0553	15.82	0.0200	15.79	0.2581	0.1602	120	0.14	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0018	15.83	0.1800	15.79	0.2581	0.1602	120	0.17	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0948	15.83	0.1200	15.79	0.2581	0.1602	120	0.17	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0298	15.84	0.0200	15.79	0.2581	0.1602	120	0.21	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0357	15.84	0.1875	15.79	0.2581	0.1602	120	0.23	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2144	15.85	0.1900	15.79	0.2581	0.1602	120	0.23	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0610	15.85	0.1000	15.79	0.2581	0.1602	120	0.25	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0034	15.85	0.0450	15.79	0.2581	0.1602	120	0.25	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0726	15.86	0.0100	15.79	0.2581	0.1602	120	0.27	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0142	15.86	0.0600	15.79	0.2581	0.1602	120	0.29	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0263	15.86	0.0010	15.79	0.2581	0.1602	120	0.30	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2129	15.87	0.0330	15.79	0.2581	0.1602	120	0.32	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0309	15.87	0.1650	15.79	0.2581	0.1602	120	0.32	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0921	15.88	0.1300	15.79	0.2581	0.1602	120	0.35	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0859	15.88	0.0910	15.79	0.2581	0.1602	120	0.39	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0123	15.89	0.2100	15.79	0.2581	0.1602	120	0.39	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0590	15.89	0.0300	15.79	0.2581	0.1602	120	0.39	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0083	15.90	0.1300	15.79	0.2581	0.1602	120	0.43	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0511	15.91	0.0900	15.79	0.2581	0.1602	120	0.46	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0297	15.91	0.1900	15.79	0.2581	0.1602	120	0.46	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2059	15.91	0.0406	15.79	0.2581	0.1602	120	0.48	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0019	15.93	0.1100	15.79	0.2581	0.1602	120	0.54	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0407	15.93	0.3510	15.79	0.2581	0.1602	120	0.56	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0175	15.95	0.1000	15.79	0.2581	0.1602	120	0.64	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0186	15.95	0.1000	15.79	0.2581	0.1602	120	0.64	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0004	15.96	0.5600	15.79	0.2581	0.1602	120	0.68	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0872	15.98	0.4250	15.79	0.2581	0.1602	120	0.76	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0675	15.99	0.1000	15.79	0.2581	0.1602	120	0.79	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0353	15.99	0.0200	15.79	0.2581	0.1602	120	0.79	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0045	16.00	0.0000	15.79	0.2581	0.1602	120	0.83	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2184	16.01	0.1700	15.79	0.2581	0.1602	120	0.85	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0508	16.02	0.4690	15.79	0.2581	0.1602	120	0.90	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0190	16.08	0.0100	15.79	0.2581	0.1602	120	1.12	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0358	16.08	0.3800	15.79	0.2581	0.1602	120	1.14	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2076	16.13	0.3300	15.79	0.2581	0.1602	120	1.32	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0345	16.15	0.3000	15.79	0.2581	0.1602	120	1.41	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			
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0876	16.15	0.1000	15.79	0.2581	0.1602	120	1.41	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0108	16.16	0.0500	15.79	0.2581	0.1602	120	1.43	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2109	16.16	0.0100	15.79	0.2581	0.1602	120	1.43	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0229	16.16	0.0000	15.79	0.2581	0.1602	120	1.45	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0541	16.17	0.2600	15.79	0.2581	0.1602	120	1.49	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2033	16.18	0.0700	15.79	0.2581	0.1602	120	1.51	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2089	16.19	0.1300	15.79	0.2581	0.1602	120	1.55	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2242	16.21	0.1300	15.79	0.2581	0.1602	120	1.63	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0510	16.25	0.1000	15.79	0.2581	0.1602	120	1.80	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2155	16.32	0.0610	15.79	0.2581	0.1602	120	2.09	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0563	16.33	0.2380	15.79	0.2581	0.1602	120	2.12	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0265	16.35	0.5000	15.79	0.2581	0.1602	120	2.19	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0843	16.49	0.2100	15.79	0.2581	0.1602	120	2.71	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0047	16.50	0.4000	15.79	0.2581	0.1602	120	2.77	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0612	17.56	0.2000	15.79	0.2581	0.1602	120	6.88	6%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0520	15.70	0.8000	15.79	0.2581	0.1602	120	-0.33	0%	1
002.08	Protein, Crude, Cu/Ti (%)	0098	15.61	0.1000				2			0
002.08	Protein, Crude, Cu/Ti (%)	0563	16.19	0.4419				2			0
002.11	Protein, Crude, NIR (%)	0889	15.85	0.2850	16.98	1.347	0.1508	6	-0.84	3%	0
002.11	Protein, Crude, NIR (%)	0590	16.10	0.2000	16.98	1.347	0.1508	6	-0.65	3%	0
002.11	Protein, Crude, NIR (%)	0553	16.25	0.2600	16.98	1.347	0.1508	6	-0.54	2%	0
002.11	Protein, Crude, NIR (%)	0297	17.07	0.0600	16.98	1.347	0.1508	6	0.07	0%	0
002.11	Protein, Crude, NIR (%)	0011	17.60	0.0000	16.98	1.347	0.1508	6	0.46	2%	0
002.11	Protein, Crude, NIR (%)	0405	20.60	0.1000	16.98	1.347	0.1508	6	2.69	11%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0026	1.750	0.0000	2.847	0.3958	0.0957	12	-2.77	19%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0885	2.386	0.0885	2.847	0.3958	0.0957	12	-1.16	8%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2190	2.515	0.0700	2.847	0.3958	0.0957	12	-0.84	6%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0345	2.675	0.0500	2.847	0.3958	0.0957	12	-0.43	3%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2192	2.730	0.1000	2.847	0.3958	0.0957	12	-0.29	2%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0653	2.795	0.0700	2.847	0.3958	0.0957	12	-0.13	1%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2053	2.995	0.0900	2.847	0.3958	0.0957	12	0.38	3%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0175	3.000	0.0400	2.847	0.3958	0.0957	12	0.39	3%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2109	3.065	0.2500	2.847	0.3958	0.0957	12	0.55	4%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0309	3.100	0.2000	2.847	0.3958	0.0957	12	0.64	4%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2144	3.255	0.1300	2.847	0.3958	0.0957	12	1.03	7%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0032	3.390	0.0600	2.847	0.3958	0.0957	12	1.37	10%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0017	2.850	0.7000	2.847	0.3958	0.0957	12	0.01	0%	1
003.01	Fat, Crude, Diethyl Ether Ext (13th ed.), Indirect (%)	0504	1.995	0.0700				3			0
003.01	Fat, Crude, Diethyl Ether Ext (13th ed.), Indirect (%)	0164	3.020	0.1000				3			0
003.01	Fat, Crude, Diethyl Ether Ext (13th ed.), Indirect (%)	2248	4.225	0.0900				3			0
003.06	Fat, Crude, Pet Ether (%)	2181	2.560	0.0800	2.820	0.1731	0.0631	16	-1.50	5%	0
003.06	Fat, Crude, Pet Ether (%)	0425	2.670	0.0600	2.820	0.1731	0.0631	16	-0.86	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	
003.06	Fat, Crude, Pet Ether (%)	2033	2.675	0.0100	2.820	0.1731	0.0631	16	-0.83	3%	0
003.06	Fat, Crude, Pet Ether (%)	0297	2.695	0.0500	2.820	0.1731	0.0631	16	-0.72	2%	0
003.06	Fat, Crude, Pet Ether (%)	2097	2.705	0.0900	2.820	0.1731	0.0631	16	-0.66	2%	0
003.06	Fat, Crude, Pet Ether (%)	0169	2.745	0.0100	2.820	0.1731	0.0631	16	-0.43	1%	0
003.06	Fat, Crude, Pet Ether (%)	0884	2.750	0.1000	2.820	0.1731	0.0631	16	-0.40	1%	0
003.06	Fat, Crude, Pet Ether (%)	0229	2.795	0.0110	2.820	0.1731	0.0631	16	-0.14	0%	0
003.06	Fat, Crude, Pet Ether (%)	0294	2.795	0.0100	2.820	0.1731	0.0631	16	-0.14	0%	0
003.06	Fat, Crude, Pet Ether (%)	0918	2.810	0.0200	2.820	0.1731	0.0631	16	-0.05	0%	0
003.06	Fat, Crude, Pet Ether (%)	0849	2.883	0.0940	2.820	0.1731	0.0631	16	0.37	1%	0
003.06	Fat, Crude, Pet Ether (%)	0910	2.910	0.1800	2.820	0.1731	0.0631	16	0.52	2%	0
003.06	Fat, Crude, Pet Ether (%)	0689	2.950	0.1000	2.820	0.1731	0.0631	16	0.75	2%	0
003.06	Fat, Crude, Pet Ether (%)	0682	3.040	0.0000	2.820	0.1731	0.0631	16	1.27	4%	0
003.06	Fat, Crude, Pet Ether (%)	0644	3.051	0.0450	2.820	0.1731	0.0631	16	1.33	4%	0
003.06	Fat, Crude, Pet Ether (%)	2268	3.395	0.1500	2.820	0.1731	0.0631	16	3.32	10%	0
003.06	Fat, Crude, Pet Ether (%)	0687	2.925	0.3500	2.820	0.1731	0.0631	16	0.61	2%	1
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0675	2.370	0.0400	2.770	0.2547	0.0893	14	-1.57	7%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0638	2.450	0.1000	2.770	0.2547	0.0893	14	-1.26	6%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0027	2.495	0.0190	2.770	0.2547	0.0893	14	-1.08	5%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0590	2.625	0.1300	2.770	0.2547	0.0893	14	-0.57	3%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0948	2.690	0.1200	2.770	0.2547	0.0893	14	-0.31	1%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0098	2.735	0.2100	2.770	0.2547	0.0893	14	-0.14	1%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0004	2.760	0.2000	2.770	0.2547	0.0893	14	-0.04	0%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0353	2.770	0.0200	2.770	0.2547	0.0893	14	0.00	0%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0870	2.863	0.0424	2.770	0.2547	0.0893	14	0.36	2%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0510	2.900	0.0000	2.770	0.2547	0.0893	14	0.51	2%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0685	2.970	0.0600	2.770	0.2547	0.0893	14	0.79	4%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0354	2.975	0.0500	2.770	0.2547	0.0893	14	0.81	4%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0964	3.040	0.1190	2.770	0.2547	0.0893	14	1.06	5%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0226	3.120	0.1400	2.770	0.2547	0.0893	14	1.37	6%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0897	1.905	0.0100	2.566	0.3132	0.1013	27	-2.11	13%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0242	2.095	0.0700	2.566	0.3132	0.1013	27	-1.51	9%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2073	2.110	0.0400	2.566	0.3132	0.1013	27	-1.46	9%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0036	2.162	0.0413	2.566	0.3132	0.1013	27	-1.29	8%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0619	2.295	0.0100	2.566	0.3132	0.1013	27	-0.87	5%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0651	2.299	0.0270	2.566	0.3132	0.1013	27	-0.86	5%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2193	2.395	0.0300	2.566	0.3132	0.1013	27	-0.55	3%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0263	2.398	0.0183	2.566	0.3132	0.1013	27	-0.54	3%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2184	2.425	0.4100	2.566	0.3132	0.1013	27	-0.45	3%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2155	2.453	0.4470	2.566	0.3132	0.1013	27	-0.36	2%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2188	2.455	0.0100	2.566	0.3132	0.1013	27	-0.36	2%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2022	2.505	0.0100	2.566	0.3132	0.1013	27	-0.20	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0098	2.520	0.0200	2.566	0.3132	0.1013	27	-0.15	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			
003.10	Fat, Crude, Randall, Pet Ether (%)	2196	2.580	0.0000	2.566	0.3132	0.1013	27	0.04	0%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2009	2.592	0.0330	2.566	0.3132	0.1013	27	0.08	0%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0541	2.630	0.0600	2.566	0.3132	0.1013	27	0.20	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0366	2.750	0.1000	2.566	0.3132	0.1013	27	0.59	4%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0881	2.773	0.1900	2.566	0.3132	0.1013	27	0.66	4%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0693	2.790	0.1130	2.566	0.3132	0.1013	27	0.71	4%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0100	2.800	0.0000	2.566	0.3132	0.1013	27	0.75	5%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0676	2.820	0.0600	2.566	0.3132	0.1013	27	0.81	5%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0870	2.836	0.0576	2.566	0.3132	0.1013	27	0.86	5%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0045	2.840	0.2800	2.566	0.3132	0.1013	27	0.87	5%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0689	2.850	0.1000	2.566	0.3132	0.1013	27	0.91	6%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0062	2.864	0.0880	2.566	0.3132	0.1013	27	0.95	6%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0148	2.925	0.0300	2.566	0.3132	0.1013	27	1.14	7%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0618	3.196	0.4790	2.566	0.3132	0.1013	27	2.01	12%	0
003.11	Fat, Crude, NIR (%)	0889	2.750	0.0200	3.169	0.4422	0.0217	6	-0.95	7%	0
003.11	Fat, Crude, NIR (%)	0405	2.790	0.0200	3.169	0.4422	0.0217	6	-0.86	6%	0
003.11	Fat, Crude, NIR (%)	0590	3.000	0.0200	3.169	0.4422	0.0217	6	-0.38	3%	0
003.11	Fat, Crude, NIR (%)	0553	3.255	0.0100	3.169	0.4422	0.0217	6	0.19	1%	0
003.11	Fat, Crude, NIR (%)	0297	3.520	0.0600	3.169	0.4422	0.0217	6	0.79	6%	0
003.11	Fat, Crude, NIR (%)	0011	3.700	0.0000	3.169	0.4422	0.0217	6	1.20	8%	0
003.12	Fat, Crude, Hexane Ext (%)	0893	1.885	0.1100	2.463	0.4345	0.0450	4			0
003.12	Fat, Crude, Hexane Ext (%)	2062	2.372	0.0199	2.463	0.4345	0.0450	4			0
003.12	Fat, Crude, Hexane Ext (%)	2058	2.785	0.0300	2.463	0.4345	0.0450	4			0
003.12	Fat, Crude, Hexane Ext (%)	0171	2.810	0.0200	2.463	0.4345	0.0450	4			0
003.12	Fat, Crude, Hexane Ext (%)	2199	2.650	0.5000	2.463	0.4345	0.0450	4			1
003.13	Fat, Crude, Randall, Hexane Ext. (%)	2246	2.375	0.0300	2.663	0.2199	0.1131	7	-1.31	5%	0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	0033	2.530	0.1000	2.663	0.2199	0.1131	7	-0.61	3%	0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	0098	2.560	0.3200	2.663	0.2199	0.1131	7	-0.47	2%	0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	2089	2.650	0.2600	2.663	0.2199	0.1131	7	-0.06	0%	0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	0123	2.735	0.0100	2.663	0.2199	0.1131	7	0.33	1%	0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	0870	2.893	0.0319	2.663	0.2199	0.1131	7	1.04	4%	0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	2006	2.900	0.0400	2.663	0.2199	0.1131	7	1.08	4%	0
003.14	Fat, Crude, Ankom (%)	0574	1.545	0.2100	2.180	0.2913	0.1190	50	-2.18	15%	0
003.14	Fat, Crude, Ankom (%)	0581	1.720	0.0800	2.180	0.2913	0.1190	50	-1.58	11%	0
003.14	Fat, Crude, Ankom (%)	0019	1.800	0.0000	2.180	0.2913	0.1190	50	-1.31	9%	0
003.14	Fat, Crude, Ankom (%)	2129	1.805	0.4670	2.180	0.2913	0.1190	50	-1.29	9%	0
003.14	Fat, Crude, Ankom (%)	0843	1.805	0.0900	2.180	0.2913	0.1190	50	-1.29	9%	0
003.14	Fat, Crude, Ankom (%)	0358	1.855	0.1100	2.180	0.2913	0.1190	50	-1.12	7%	0
003.14	Fat, Crude, Ankom (%)	0034	1.860	0.0800	2.180	0.2913	0.1190	50	-1.10	7%	0
003.14	Fat, Crude, Ankom (%)	0876	1.900	0.0000	2.180	0.2913	0.1190	50	-0.96	6%	0
003.14	Fat, Crude, Ankom (%)	0956	1.900	0.0000	2.180	0.2913	0.1190	50	-0.96	6%	0
003.14	Fat, Crude, Ankom (%)	0939	1.905	0.0300	2.180	0.2913	0.1190	50	-0.94	6%	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 (%)	0563	1.906	0.0819	2.180	0.2913	0.1190	50	-0.94	6%	0
003.14	Fat, Crude, Ankom (%)	2076	1.969	0.3386	2.180	0.2913	0.1190	50	-0.73	5%	0
003.14	Fat, Crude, Ankom (%)	0083	1.980	0.0200	2.180	0.2913	0.1190	50	-0.69	5%	0
003.14	Fat, Crude, Ankom (%)	0144	1.980	0.1400	2.180	0.2913	0.1190	50	-0.69	5%	0
003.14	Fat, Crude, Ankom (%)	0298	2.010	0.0200	2.180	0.2913	0.1190	50	-0.58	4%	0
003.14	Fat, Crude, Ankom (%)	0037	2.065	0.0500	2.180	0.2913	0.1190	50	-0.40	3%	0
003.14	Fat, Crude, Ankom (%)	0682	2.080	0.0000	2.180	0.2913	0.1190	50	-0.34	2%	0
003.14	Fat, Crude, Ankom (%)	0175	2.100	0.1200	2.180	0.2913	0.1190	50	-0.28	2%	0
003.14	Fat, Crude, Ankom (%)	0505	2.100	0.1600	2.180	0.2913	0.1190	50	-0.28	2%	0
003.14	Fat, Crude, Ankom (%)	0511	2.100	0.2400	2.180	0.2913	0.1190	50	-0.28	2%	0
003.14	Fat, Crude, Ankom (%)	0407	2.121	0.2774	2.180	0.2913	0.1190	50	-0.20	1%	0
003.14	Fat, Crude, Ankom (%)	0598	2.140	0.0600	2.180	0.2913	0.1190	50	-0.14	1%	0
003.14	Fat, Crude, Ankom (%)	0186	2.145	0.0100	2.180	0.2913	0.1190	50	-0.12	1%	0
003.14	Fat, Crude, Ankom (%)	0300	2.150	0.0400	2.180	0.2913	0.1190	50	-0.10	1%	0
003.14	Fat, Crude, Ankom (%)	0265	2.155	0.0700	2.180	0.2913	0.1190	50	-0.09	1%	0
003.14	Fat, Crude, Ankom (%)	0868	2.175	0.0300	2.180	0.2913	0.1190	50	-0.02	0%	0
003.14	Fat, Crude, Ankom (%)	0171	2.180	0.1400	2.180	0.2913	0.1190	50	0.00	0%	0
003.14	Fat, Crude, Ankom (%)	0955	2.185	0.1900	2.180	0.2913	0.1190	50	0.02	0%	0
003.14	Fat, Crude, Ankom (%)	0148	2.190	0.0400	2.180	0.2913	0.1190	50	0.03	0%	0
003.14	Fat, Crude, Ankom (%)	0049	2.205	0.0500	2.180	0.2913	0.1190	50	0.09	1%	0
003.14	Fat, Crude, Ankom (%)	0089	2.210	0.0000	2.180	0.2913	0.1190	50	0.10	1%	0
003.14	Fat, Crude, Ankom (%)	0878	2.250	0.0200	2.180	0.2913	0.1190	50	0.24	2%	0
003.14	Fat, Crude, Ankom (%)	0357	2.300	0.2000	2.180	0.2913	0.1190	50	0.41	3%	0
003.14	Fat, Crude, Ankom (%)	0948	2.305	0.1300	2.180	0.2913	0.1190	50	0.43	3%	0
003.14	Fat, Crude, Ankom (%)	0004	2.315	0.2300	2.180	0.2913	0.1190	50	0.46	3%	0
003.14	Fat, Crude, Ankom (%)	0074	2.320	0.1800	2.180	0.2913	0.1190	50	0.48	3%	0
003.14	Fat, Crude, Ankom (%)	0520	2.350	0.1400	2.180	0.2913	0.1190	50	0.58	4%	0
003.14	Fat, Crude, Ankom (%)	0529	2.360	0.0200	2.180	0.2913	0.1190	50	0.62	4%	0
003.14	Fat, Crude, Ankom (%)	0108	2.380	0.4200	2.180	0.2913	0.1190	50	0.69	5%	0
003.14	Fat, Crude, Ankom (%)	0202	2.395	0.4900	2.180	0.2913	0.1190	50	0.74	5%	0
003.14	Fat, Crude, Ankom (%)	0001	2.404	0.1130	2.180	0.2913	0.1190	50	0.77	5%	0
003.14	Fat, Crude, Ankom (%)	0066	2.445	0.1300	2.180	0.2913	0.1190	50	0.91	6%	0
003.14	Fat, Crude, Ankom (%)	0968	2.483	0.0110	2.180	0.2913	0.1190	50	1.04	7%	0
003.14	Fat, Crude, Ankom (%)	0278	2.550	0.1000	2.180	0.2913	0.1190	50	1.27	8%	0
003.14	Fat, Crude, Ankom (%)	0619	2.605	0.1700	2.180	0.2913	0.1190	50	1.46	10%	0
003.14	Fat, Crude, Ankom (%)	0190	2.940	0.0400	2.180	0.2913	0.1190	50	2.61	17%	0
003.14	Fat, Crude, Ankom (%)	0726	2.975	0.0100	2.180	0.2913	0.1190	50	2.73	18%	0
003.14	Fat, Crude, Ankom (%)	2144	3.065	0.0700	2.180	0.2913	0.1190	50	3.04	20%	0
003.14	Fat, Crude, Ankom (%)	0853	3.250	0.1000	2.180	0.2913	0.1190	50	3.67	25%	0
003.14	Fat, Crude, Ankom (%)	0683	3.885	0.2300	2.180	0.2913	0.1190	50	5.85	39%	0
003.14	Fat, Crude, Ankom (%)	0003	1.930	0.6200	2.180	0.2913	0.1190	50	-0.86	6%	1
003.99	Fat, Crude, Miscellaneous (%)	0880	1.650	0.7000	2.839	1.487	0.2575	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			
003.99	Fat, Crude, Miscellaneous (%)	0536	1.840	0.0400	2.839	1.487	0.2575	4			0
003.99	Fat, Crude, Miscellaneous (%)	0941	2.975	0.2500	2.839	1.487	0.2575	4			0
003.99	Fat, Crude, Miscellaneous (%)	0016	4.890	0.0400	2.839	1.487	0.2575	4			0
004.00	Fiber, Crude, Asbestos Free (%)	0017	2.750	0.1000	3.165	0.1843	0.1596	13	-2.25	7%	0
004.00	Fiber, Crude, Asbestos Free (%)	0164	3.000	0.0000	3.165	0.1843	0.1596	13	-0.89	3%	0
004.00	Fiber, Crude, Asbestos Free (%)	0345	3.025	0.1500	3.165	0.1843	0.1596	13	-0.76	2%	0
004.00	Fiber, Crude, Asbestos Free (%)	0425	3.050	0.1000	3.165	0.1843	0.1596	13	-0.62	2%	0
004.00	Fiber, Crude, Asbestos Free (%)	0171	3.115	0.1300	3.165	0.1843	0.1596	13	-0.27	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	0354	3.130	0.0800	3.165	0.1843	0.1596	13	-0.19	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	0169	3.150	0.1000	3.165	0.1843	0.1596	13	-0.08	0%	0
004.00	Fiber, Crude, Asbestos Free (%)	0175	3.170	0.1800	3.165	0.1843	0.1596	13	0.03	0%	0
004.00	Fiber, Crude, Asbestos Free (%)	0309	3.194	0.2254	3.165	0.1843	0.1596	13	0.16	0%	0
004.00	Fiber, Crude, Asbestos Free (%)	0226	3.235	0.1100	3.165	0.1843	0.1596	13	0.38	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	0884	3.300	0.2000	3.165	0.1843	0.1596	13	0.73	2%	0
004.00	Fiber, Crude, Asbestos Free (%)	0504	3.580	0.5800	3.165	0.1843	0.1596	13	2.25	7%	0
004.00	Fiber, Crude, Asbestos Free (%)	2073	3.610	0.1200	3.165	0.1843	0.1596	13	2.42	7%	0
004.00	Fiber, Crude, Asbestos Free (%)	2076	3.969	1.351	3.165	0.1843	0.1596	13	4.36	13%	1
004.01	Fiber, Crude, Sing Filt (%)	0366	2.150	0.5000				2			0
004.01	Fiber, Crude, Sing Filt (%)	2144	3.060	0.1200				2			0
004.03	Fiber, Crude, Fritted Glass (%)	2089	2.665	0.5500	3.140	0.3534	0.2850	4			0
004.03	Fiber, Crude, Fritted Glass (%)	0353	3.180	0.0800	3.140	0.3534	0.2850	4			0
004.03	Fiber, Crude, Fritted Glass (%)	0921	3.195	0.2100	3.140	0.3534	0.2850	4			0
004.03	Fiber, Crude, Fritted Glass (%)	2192	3.520	0.3000	3.140	0.3534	0.2850	4			0
004.06	Fiber, Crude, Fibertec (%)	2199	1.650	0.1000	3.151	0.3812	0.0845	20	-3.94	24%	0
004.06	Fiber, Crude, Fibertec (%)	0918	2.550	0.0800	3.151	0.3812	0.0845	20	-1.58	10%	0
004.06	Fiber, Crude, Fibertec (%)	2188	2.560	0.0000	3.151	0.3812	0.0845	20	-1.55	9%	0
004.06	Fiber, Crude, Fibertec (%)	0675	2.910	0.0400	3.151	0.3812	0.0845	20	-0.63	4%	0
004.06	Fiber, Crude, Fibertec (%)	0868	3.010	0.0600	3.151	0.3812	0.0845	20	-0.37	2%	0
004.06	Fiber, Crude, Fibertec (%)	0027	3.020	0.0780	3.151	0.3812	0.0845	20	-0.34	2%	0
004.06	Fiber, Crude, Fibertec (%)	0098	3.020	0.3000	3.151	0.3812	0.0845	20	-0.34	2%	0
004.06	Fiber, Crude, Fibertec (%)	0948	3.060	0.1600	3.151	0.3812	0.0845	20	-0.24	1%	0
004.06	Fiber, Crude, Fibertec (%)	2006	3.115	0.0500	3.151	0.3812	0.0845	20	-0.10	1%	0
004.06	Fiber, Crude, Fibertec (%)	2062	3.120	0.0020	3.151	0.3812	0.0845	20	-0.08	0%	0
004.06	Fiber, Crude, Fibertec (%)	0689	3.150	0.1000	3.151	0.3812	0.0845	20	0.00	0%	0
004.06	Fiber, Crude, Fibertec (%)	2022	3.150	0.0200	3.151	0.3812	0.0845	20	0.00	0%	0
004.06	Fiber, Crude, Fibertec (%)	0881	3.200	0.0230	3.151	0.3812	0.0845	20	0.13	1%	0
004.06	Fiber, Crude, Fibertec (%)	0885	3.349	0.2451	3.151	0.3812	0.0845	20	0.52	3%	0
004.06	Fiber, Crude, Fibertec (%)	0968	3.349	0.3220	3.151	0.3812	0.0845	20	0.52	3%	0
004.06	Fiber, Crude, Fibertec (%)	0878	3.360	0.0000	3.151	0.3812	0.0845	20	0.55	3%	0
004.06	Fiber, Crude, Fibertec (%)	0638	3.500	0.0000	3.151	0.3812	0.0845	20	0.91	6%	0
004.06	Fiber, Crude, Fibertec (%)	0897	3.530	0.0000	3.151	0.3812	0.0845	20	0.99	6%	0
004.06	Fiber, Crude, Fibertec (%)	0893	4.000	0.0000	3.151	0.3812	0.0845	20	2.23	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			
004.06	Fiber, Crude, Fibertec (%)	0676	4.525	0.1100	3.151	0.3812	0.0845	20	3.60	22%	0
004.07	Fiber, Crude, ANKOM (%)	0265	1.450	0.0200	3.228	0.4670	0.1532	68	-3.81	28%	0
004.07	Fiber, Crude, ANKOM (%)	0682	2.600	0.0000	3.228	0.4670	0.1532	68	-1.34	10%	0
004.07	Fiber, Crude, ANKOM (%)	0004	2.675	0.0300	3.228	0.4670	0.1532	68	-1.18	9%	0
004.07	Fiber, Crude, ANKOM (%)	2188	2.680	0.0000	3.228	0.4670	0.1532	68	-1.17	8%	0
004.07	Fiber, Crude, ANKOM (%)	0026	2.700	0.2000	3.228	0.4670	0.1532	68	-1.13	8%	0
004.07	Fiber, Crude, ANKOM (%)	0510	2.700	0.0000	3.228	0.4670	0.1532	68	-1.13	8%	0
004.07	Fiber, Crude, ANKOM (%)	0956	2.700	0.4000	3.228	0.4670	0.1532	68	-1.13	8%	0
004.07	Fiber, Crude, ANKOM (%)	0675	2.710	0.1600	3.228	0.4670	0.1532	68	-1.11	8%	0
004.07	Fiber, Crude, ANKOM (%)	0644	2.728	0.1080	3.228	0.4670	0.1532	68	-1.07	8%	0
004.07	Fiber, Crude, ANKOM (%)	2033	2.750	0.1000	3.228	0.4670	0.1532	68	-1.02	7%	0
004.07	Fiber, Crude, ANKOM (%)	0505	2.780	0.0800	3.228	0.4670	0.1532	68	-0.96	7%	0
004.07	Fiber, Crude, ANKOM (%)	0278	2.800	0.2000	3.228	0.4670	0.1532	68	-0.92	7%	0
004.07	Fiber, Crude, ANKOM (%)	0123	2.820	0.0600	3.228	0.4670	0.1532	68	-0.87	6%	0
004.07	Fiber, Crude, ANKOM (%)	0016	2.830	0.0600	3.228	0.4670	0.1532	68	-0.85	6%	0
004.07	Fiber, Crude, ANKOM (%)	0529	2.845	0.0300	3.228	0.4670	0.1532	68	-0.82	6%	0
004.07	Fiber, Crude, ANKOM (%)	0708	2.845	0.0300	3.228	0.4670	0.1532	68	-0.82	6%	0
004.07	Fiber, Crude, ANKOM (%)	0034	2.855	0.2500	3.228	0.4670	0.1532	68	-0.80	6%	0
004.07	Fiber, Crude, ANKOM (%)	2053	2.890	0.0800	3.228	0.4670	0.1532	68	-0.72	5%	0
004.07	Fiber, Crude, ANKOM (%)	2181	2.930	0.0200	3.228	0.4670	0.1532	68	-0.64	5%	0
004.07	Fiber, Crude, ANKOM (%)	0190	2.950	0.1000	3.228	0.4670	0.1532	68	-0.60	4%	0
004.07	Fiber, Crude, ANKOM (%)	2009	2.957	0.0822	3.228	0.4670	0.1532	68	-0.58	4%	0
004.07	Fiber, Crude, ANKOM (%)	0870	2.968	0.1877	3.228	0.4670	0.1532	68	-0.56	4%	0
004.07	Fiber, Crude, ANKOM (%)	0074	2.985	0.2900	3.228	0.4670	0.1532	68	-0.52	4%	0
004.07	Fiber, Crude, ANKOM (%)	0032	2.990	0.1600	3.228	0.4670	0.1532	68	-0.51	4%	0
004.07	Fiber, Crude, ANKOM (%)	0948	3.010	0.0200	3.228	0.4670	0.1532	68	-0.47	3%	0
004.07	Fiber, Crude, ANKOM (%)	0726	3.080	0.0000	3.228	0.4670	0.1532	68	-0.32	2%	0
004.07	Fiber, Crude, ANKOM (%)	2144	3.085	0.1100	3.228	0.4670	0.1532	68	-0.31	2%	0
004.07	Fiber, Crude, ANKOM (%)	0968	3.092	0.1660	3.228	0.4670	0.1532	68	-0.29	2%	0
004.07	Fiber, Crude, ANKOM (%)	0520	3.100	0.0000	3.228	0.4670	0.1532	68	-0.27	2%	0
004.07	Fiber, Crude, ANKOM (%)	0098	3.110	0.0600	3.228	0.4670	0.1532	68	-0.25	2%	0
004.07	Fiber, Crude, ANKOM (%)	0083	3.120	0.0200	3.228	0.4670	0.1532	68	-0.23	2%	0
004.07	Fiber, Crude, ANKOM (%)	2109	3.125	0.0900	3.228	0.4670	0.1532	68	-0.22	2%	0
004.07	Fiber, Crude, ANKOM (%)	0590	3.150	0.5400	3.228	0.4670	0.1532	68	-0.17	1%	0
004.07	Fiber, Crude, ANKOM (%)	0100	3.160	0.3200	3.228	0.4670	0.1532	68	-0.15	1%	0
004.07	Fiber, Crude, ANKOM (%)	0849	3.180	0.0400	3.228	0.4670	0.1532	68	-0.10	1%	0
004.07	Fiber, Crude, ANKOM (%)	2259	3.186	0.0120	3.228	0.4670	0.1532	68	-0.09	1%	0
004.07	Fiber, Crude, ANKOM (%)	2190	3.200	0.1400	3.228	0.4670	0.1532	68	-0.06	0%	0
004.07	Fiber, Crude, ANKOM (%)	0955	3.210	0.1000	3.228	0.4670	0.1532	68	-0.04	0%	0
004.07	Fiber, Crude, ANKOM (%)	0263	3.239	0.0714	3.228	0.4670	0.1532	68	0.02	0%	0
004.07	Fiber, Crude, ANKOM (%)	0563	3.270	0.0843	3.228	0.4670	0.1532	68	0.09	1%	0
004.07	Fiber, Crude, ANKOM (%)	0298	3.300	0.2000	3.228	0.4670	0.1532	68	0.15	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	
004.07	Fiber, Crude, ANKOM (%)	0511	3.300	0.2000	3.228	0.4670	0.1532	68	0.15	1%	0
004.07	Fiber, Crude, ANKOM (%)	0619	3.300	0.0800	3.228	0.4670	0.1532	68	0.15	1%	0
004.07	Fiber, Crude, ANKOM (%)	2193	3.340	0.0400	3.228	0.4670	0.1532	68	0.24	2%	0
004.07	Fiber, Crude, ANKOM (%)	0066	3.350	0.1000	3.228	0.4670	0.1532	68	0.26	2%	0
004.07	Fiber, Crude, ANKOM (%)	0019	3.355	0.2900	3.228	0.4670	0.1532	68	0.27	2%	0
004.07	Fiber, Crude, ANKOM (%)	0407	3.395	0.1178	3.228	0.4670	0.1532	68	0.36	3%	0
004.07	Fiber, Crude, ANKOM (%)	0045	3.415	0.2500	3.228	0.4670	0.1532	68	0.40	3%	0
004.07	Fiber, Crude, ANKOM (%)	0598	3.465	0.0700	3.228	0.4670	0.1532	68	0.51	4%	0
004.07	Fiber, Crude, ANKOM (%)	0876	3.500	0.2000	3.228	0.4670	0.1532	68	0.58	4%	0
004.07	Fiber, Crude, ANKOM (%)	0939	3.510	0.1200	3.228	0.4670	0.1532	68	0.60	4%	0
004.07	Fiber, Crude, ANKOM (%)	0693	3.512	0.0900	3.228	0.4670	0.1532	68	0.61	4%	0
004.07	Fiber, Crude, ANKOM (%)	2196	3.540	0.0000	3.228	0.4670	0.1532	68	0.67	5%	0
004.07	Fiber, Crude, ANKOM (%)	0144	3.580	0.6400	3.228	0.4670	0.1532	68	0.75	5%	0
004.07	Fiber, Crude, ANKOM (%)	0003	3.695	0.2700	3.228	0.4670	0.1532	68	1.00	7%	0
004.07	Fiber, Crude, ANKOM (%)	0581	3.730	0.1600	3.228	0.4670	0.1532	68	1.07	8%	0
004.07	Fiber, Crude, ANKOM (%)	0089	3.740	0.0200	3.228	0.4670	0.1532	68	1.10	8%	0
004.07	Fiber, Crude, ANKOM (%)	0643	3.745	0.5300	3.228	0.4670	0.1532	68	1.11	8%	0
004.07	Fiber, Crude, ANKOM (%)	0354	3.845	0.0500	3.228	0.4670	0.1532	68	1.32	10%	0
004.07	Fiber, Crude, ANKOM (%)	0683	4.000	0.0000	3.228	0.4670	0.1532	68	1.65	12%	0
004.07	Fiber, Crude, ANKOM (%)	0294	4.100	0.2000	3.228	0.4670	0.1532	68	1.87	14%	0
004.07	Fiber, Crude, ANKOM (%)	0653	4.100	0.0800	3.228	0.4670	0.1532	68	1.87	14%	0
004.07	Fiber, Crude, ANKOM (%)	0553	4.120	0.3600	3.228	0.4670	0.1532	68	1.91	14%	0
004.07	Fiber, Crude, ANKOM (%)	0242	4.150	0.3000	3.228	0.4670	0.1532	68	1.97	14%	0
004.07	Fiber, Crude, ANKOM (%)	0229	4.155	0.0100	3.228	0.4670	0.1532	68	1.99	14%	0
004.07	Fiber, Crude, ANKOM (%)	0202	4.580	0.5600	3.228	0.4670	0.1532	68	2.90	21%	0
004.07	Fiber, Crude, ANKOM (%)	0536	4.850	0.3800	3.228	0.4670	0.1532	68	3.47	25%	0
004.07	Fiber, Crude, ANKOM (%)	0626	6.470	0.6800	3.228	0.4670	0.1532	68	6.94	50%	0
004.07	Fiber, Crude, ANKOM (%)	0910	3.100	0.8000	3.228	0.4670	0.1532	68	-0.27	2%	1
004.11	Fiber, Crude, NIR (%)	0405	2.775	0.0100	3.479	0.4894	0.0625	4			0
004.11	Fiber, Crude, NIR (%)	0889	3.565	0.1700	3.479	0.4894	0.0625	4			0
004.11	Fiber, Crude, NIR (%)	0553	3.675	0.0700	3.479	0.4894	0.0625	4			0
004.11	Fiber, Crude, NIR (%)	0011	3.900	0.0000	3.479	0.4894	0.0625	4			0
004.99	Fiber, Crude, Miscellaneous (%)	2146	2.605	0.1700	3.024	0.3563	0.1825	4			0
004.99	Fiber, Crude, Miscellaneous (%)	0610	2.955	0.2500	3.024	0.3563	0.1825	4			0
004.99	Fiber, Crude, Miscellaneous (%)	2248	3.065	0.2900	3.024	0.3563	0.1825	4			0
004.99	Fiber, Crude, Miscellaneous (%)	2058	3.470	0.0200	3.024	0.3563	0.1825	4			0
005.00	Ash, 2h @ 600°C (%)	2184	9.150	0.2000	11.37	0.5595	0.1666	90	-3.97	10%	0
005.00	Ash, 2h @ 600°C (%)	0169	9.875	0.1100	11.37	0.5595	0.1666	90	-2.67	7%	0
005.00	Ash, 2h @ 600°C (%)	0123	9.890	0.2200	11.37	0.5595	0.1666	90	-2.65	7%	0
005.00	Ash, 2h @ 600°C (%)	0019	9.900	0.0000	11.37	0.5595	0.1666	90	-2.63	6%	0
005.00	Ash, 2h @ 600°C (%)	0144	9.985	0.0700	11.37	0.5595	0.1666	90	-2.48	6%	0
005.00	Ash, 2h @ 600°C (%)	0675	10.03	0.0500	11.37	0.5595	0.1666	90	-2.41	6%	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 (%)	0539	10.08	0.1332	11.37	0.5595	0.1666	90	-2.31	6%	0
005.00	Ash, 2h @ 600°C (%)	0918	10.10	0.0300	11.37	0.5595	0.1666	90	-2.28	6%	0
005.00	Ash, 2h @ 600°C (%)	0357	10.20	0.0000	11.37	0.5595	0.1666	90	-2.09	5%	0
005.00	Ash, 2h @ 600°C (%)	0511	10.34	0.6500	11.37	0.5595	0.1666	90	-1.85	5%	0
005.00	Ash, 2h @ 600°C (%)	0574	10.35	0.7000	11.37	0.5595	0.1666	90	-1.83	4%	0
005.00	Ash, 2h @ 600°C (%)	2073	10.37	0.0200	11.37	0.5595	0.1666	90	-1.79	4%	0
005.00	Ash, 2h @ 600°C (%)	0598	10.45	0.0300	11.37	0.5595	0.1666	90	-1.66	4%	0
005.00	Ash, 2h @ 600°C (%)	0278	10.55	0.2500	11.37	0.5595	0.1666	90	-1.48	4%	0
005.00	Ash, 2h @ 600°C (%)	0541	10.56	0.2200	11.37	0.5595	0.1666	90	-1.45	4%	0
005.00	Ash, 2h @ 600°C (%)	0853	10.70	0.2000	11.37	0.5595	0.1666	90	-1.20	3%	0
005.00	Ash, 2h @ 600°C (%)	0956	10.70	0.4000	11.37	0.5595	0.1666	90	-1.20	3%	0
005.00	Ash, 2h @ 600°C (%)	2033	10.70	0.0000	11.37	0.5595	0.1666	90	-1.20	3%	0
005.00	Ash, 2h @ 600°C (%)	0049	10.84	0.7100	11.37	0.5595	0.1666	90	-0.96	2%	0
005.00	Ash, 2h @ 600°C (%)	2022	10.85	0.0200	11.37	0.5595	0.1666	90	-0.93	2%	0
005.00	Ash, 2h @ 600°C (%)	0693	10.90	0.0950	11.37	0.5595	0.1666	90	-0.85	2%	0
005.00	Ash, 2h @ 600°C (%)	0881	11.06	0.2560	11.37	0.5595	0.1666	90	-0.55	1%	0
005.00	Ash, 2h @ 600°C (%)	0874	11.07	0.4300	11.37	0.5595	0.1666	90	-0.55	1%	0
005.00	Ash, 2h @ 600°C (%)	0622	11.09	0.2755	11.37	0.5595	0.1666	90	-0.50	1%	0
005.00	Ash, 2h @ 600°C (%)	0027	11.12	0.0630	11.37	0.5595	0.1666	90	-0.45	1%	0
005.00	Ash, 2h @ 600°C (%)	0004	11.20	0.0400	11.37	0.5595	0.1666	90	-0.31	1%	0
005.00	Ash, 2h @ 600°C (%)	2053	11.21	0.0400	11.37	0.5595	0.1666	90	-0.29	1%	0
005.00	Ash, 2h @ 600°C (%)	0175	11.22	0.0500	11.37	0.5595	0.1666	90	-0.28	1%	0
005.00	Ash, 2h @ 600°C (%)	0083	11.26	0.0600	11.37	0.5595	0.1666	90	-0.20	0%	0
005.00	Ash, 2h @ 600°C (%)	0553	11.27	0.6100	11.37	0.5595	0.1666	90	-0.19	0%	0
005.00	Ash, 2h @ 600°C (%)	0651	11.29	0.0690	11.37	0.5595	0.1666	90	-0.14	0%	0
005.00	Ash, 2h @ 600°C (%)	0529	11.30	0.4900	11.37	0.5595	0.1666	90	-0.14	0%	0
005.00	Ash, 2h @ 600°C (%)	2097	11.30	0.0200	11.37	0.5595	0.1666	90	-0.13	0%	0
005.00	Ash, 2h @ 600°C (%)	0164	11.32	0.0600	11.37	0.5595	0.1666	90	-0.09	0%	0
005.00	Ash, 2h @ 600°C (%)	0876	11.35	0.5000	11.37	0.5595	0.1666	90	-0.04	0%	0
005.00	Ash, 2h @ 600°C (%)	0589	11.35	0.0800	11.37	0.5595	0.1666	90	-0.04	0%	0
005.00	Ash, 2h @ 600°C (%)	0142	11.36	0.0200	11.37	0.5595	0.1666	90	-0.02	0%	0
005.00	Ash, 2h @ 600°C (%)	0510	11.36	0.0800	11.37	0.5595	0.1666	90	-0.02	0%	0
005.00	Ash, 2h @ 600°C (%)	2248	11.40	0.0200	11.37	0.5595	0.1666	90	0.05	0%	0
005.00	Ash, 2h @ 600°C (%)	0520	11.41	0.2500	11.37	0.5595	0.1666	90	0.06	0%	0
005.00	Ash, 2h @ 600°C (%)	0033	11.45	0.1000	11.37	0.5595	0.1666	90	0.14	0%	0
005.00	Ash, 2h @ 600°C (%)	0148	11.45	0.1000	11.37	0.5595	0.1666	90	0.14	0%	0
005.00	Ash, 2h @ 600°C (%)	0229	11.46	0.2500	11.37	0.5595	0.1666	90	0.15	0%	0
005.00	Ash, 2h @ 600°C (%)	0870	11.46	0.1113	11.37	0.5595	0.1666	90	0.16	0%	0
005.00	Ash, 2h @ 600°C (%)	0001	11.48	0.0923	11.37	0.5595	0.1666	90	0.19	0%	0
005.00	Ash, 2h @ 600°C (%)	2242	11.49	0.2400	11.37	0.5595	0.1666	90	0.21	1%	0
005.00	Ash, 2h @ 600°C (%)	2150	11.52	0.3100	11.37	0.5595	0.1666	90	0.26	1%	0
005.00	Ash, 2h @ 600°C (%)	0407	11.53	0.2226	11.37	0.5595	0.1666	90	0.28	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 (%)	2199	11.55	0.3000	11.37	0.5595	0.1666	90	0.32	1%	0
005.00	Ash, 2h @ 600°C (%)	2268	11.55	0.1000	11.37	0.5595	0.1666	90	0.32	1%	0
005.00	Ash, 2h @ 600°C (%)	2196	11.57	0.0000	11.37	0.5595	0.1666	90	0.36	1%	0
005.00	Ash, 2h @ 600°C (%)	0353	11.58	0.1100	11.37	0.5595	0.1666	90	0.36	1%	0
005.00	Ash, 2h @ 600°C (%)	0682	11.58	0.0000	11.37	0.5595	0.1666	90	0.37	1%	0
005.00	Ash, 2h @ 600°C (%)	0108	11.61	0.2600	11.37	0.5595	0.1666	90	0.43	1%	0
005.00	Ash, 2h @ 600°C (%)	0354	11.61	0.0200	11.37	0.5595	0.1666	90	0.43	1%	0
005.00	Ash, 2h @ 600°C (%)	0171	11.64	0.0300	11.37	0.5595	0.1666	90	0.47	1%	0
005.00	Ash, 2h @ 600°C (%)	0098	11.64	0.3500	11.37	0.5595	0.1666	90	0.47	1%	0
005.00	Ash, 2h @ 600°C (%)	0298	11.64	0.0200	11.37	0.5595	0.1666	90	0.48	1%	0
005.00	Ash, 2h @ 600°C (%)	0618	11.65	0.0520	11.37	0.5595	0.1666	90	0.50	1%	0
005.00	Ash, 2h @ 600°C (%)	0358	11.65	0.3200	11.37	0.5595	0.1666	90	0.50	1%	0
005.00	Ash, 2h @ 600°C (%)	2006	11.66	0.2500	11.37	0.5595	0.1666	90	0.51	1%	0
005.00	Ash, 2h @ 600°C (%)	0035	11.67	0.0100	11.37	0.5595	0.1666	90	0.53	1%	0
005.00	Ash, 2h @ 600°C (%)	0297	11.68	0.2500	11.37	0.5595	0.1666	90	0.54	1%	0
005.00	Ash, 2h @ 600°C (%)	0242	11.70	0.2000	11.37	0.5595	0.1666	90	0.59	1%	0
005.00	Ash, 2h @ 600°C (%)	0948	11.72	0.2500	11.37	0.5595	0.1666	90	0.61	2%	0
005.00	Ash, 2h @ 600°C (%)	0563	11.73	0.3288	11.37	0.5595	0.1666	90	0.64	2%	0
005.00	Ash, 2h @ 600°C (%)	2076	11.73	0.0775	11.37	0.5595	0.1666	90	0.64	2%	0
005.00	Ash, 2h @ 600°C (%)	0026	11.73	0.1600	11.37	0.5595	0.1666	90	0.64	2%	0
005.00	Ash, 2h @ 600°C (%)	0505	11.74	0.0300	11.37	0.5595	0.1666	90	0.65	2%	0
005.00	Ash, 2h @ 600°C (%)	0047	11.75	0.1000	11.37	0.5595	0.1666	90	0.68	2%	0
005.00	Ash, 2h @ 600°C (%)	0265	11.75	0.1000	11.37	0.5595	0.1666	90	0.68	2%	0
005.00	Ash, 2h @ 600°C (%)	0581	11.77	0.3000	11.37	0.5595	0.1666	90	0.71	2%	0
005.00	Ash, 2h @ 600°C (%)	0425	11.78	0.1500	11.37	0.5595	0.1666	90	0.72	2%	0
005.00	Ash, 2h @ 600°C (%)	0880	11.78	0.4500	11.37	0.5595	0.1666	90	0.72	2%	0
005.00	Ash, 2h @ 600°C (%)	0045	11.80	0.6000	11.37	0.5595	0.1666	90	0.77	2%	0
005.00	Ash, 2h @ 600°C (%)	2188	11.80	0.0000	11.37	0.5595	0.1666	90	0.77	2%	0
005.00	Ash, 2h @ 600°C (%)	0643	11.81	0.0200	11.37	0.5595	0.1666	90	0.78	2%	0
005.00	Ash, 2h @ 600°C (%)	0504	11.83	0.1600	11.37	0.5595	0.1666	90	0.82	2%	0
005.00	Ash, 2h @ 600°C (%)	2181	11.87	0.0200	11.37	0.5595	0.1666	90	0.89	2%	0
005.00	Ash, 2h @ 600°C (%)	0139	11.92	0.0700	11.37	0.5595	0.1666	90	0.97	2%	0
005.00	Ash, 2h @ 600°C (%)	0309	11.94	0.0900	11.37	0.5595	0.1666	90	1.01	2%	0
005.00	Ash, 2h @ 600°C (%)	0345	11.95	0.1000	11.37	0.5595	0.1666	90	1.03	3%	0
005.00	Ash, 2h @ 600°C (%)	2193	11.97	0.1100	11.37	0.5595	0.1666	90	1.06	3%	0
005.00	Ash, 2h @ 600°C (%)	2089	12.00	0.3700	11.37	0.5595	0.1666	90	1.12	3%	0
005.00	Ash, 2h @ 600°C (%)	0968	12.02	0.0190	11.37	0.5595	0.1666	90	1.16	3%	0
005.00	Ash, 2h @ 600°C (%)	0017	12.05	0.1000	11.37	0.5595	0.1666	90	1.21	3%	0
005.00	Ash, 2h @ 600°C (%)	0062	12.08	0.0960	11.37	0.5595	0.1666	90	1.27	3%	0
005.00	Ash, 2h @ 600°C (%)	0366	12.10	0.0000	11.37	0.5595	0.1666	90	1.30	3%	0
005.00	Ash, 2h @ 600°C (%)	0100	12.29	0.0500	11.37	0.5595	0.1666	90	1.63	4%	0
005.00	Ash, 2h @ 600°C (%)	2259	16.85	0.0200	11.37	0.5595	0.1666	90	9.78	24%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
005.00	Ash, 2h @ 600°C (%)	0226	11.68	1.040	11.37	0.5595	0.1666	90	0.55	1%	1
005.00	Ash, 2h @ 600°C (%)	0186	20.45	0.1000	11.37	0.5595	0.1666	90	16.23	40%	2
005.02	Ash, LECO (%)	0968	11.68	0.1170				2			0
005.02	Ash, LECO (%)	0644	12.07	0.0600				2			0
005.05	Ash, 3h @ 550°C (%)	0726	10.50	0.0100	11.83	0.2916	0.1160	31	-4.59	6%	0
005.05	Ash, 3h @ 550°C (%)	0638	10.65	0.1000	11.83	0.2916	0.1160	31	-4.06	5%	0
005.05	Ash, 3h @ 550°C (%)	0003	10.70	0.2800	11.83	0.2916	0.1160	31	-3.88	5%	0
005.05	Ash, 3h @ 550°C (%)	0066	11.14	0.1900	11.83	0.2916	0.1160	31	-2.39	3%	0
005.05	Ash, 3h @ 550°C (%)	2058	11.50	0.0300	11.83	0.2916	0.1160	31	-1.16	1%	0
005.05	Ash, 3h @ 550°C (%)	0653	11.54	0.0600	11.83	0.2916	0.1160	31	-1.00	1%	0
005.05	Ash, 3h @ 550°C (%)	0689	11.63	0.0400	11.83	0.2916	0.1160	31	-0.70	1%	0
005.05	Ash, 3h @ 550°C (%)	0897	11.67	0.0000	11.83	0.2916	0.1160	31	-0.56	1%	0
005.05	Ash, 3h @ 550°C (%)	0263	11.70	0.0232	11.83	0.2916	0.1160	31	-0.45	1%	0
005.05	Ash, 3h @ 550°C (%)	2192	11.73	0.1300	11.83	0.2916	0.1160	31	-0.37	0%	0
005.05	Ash, 3h @ 550°C (%)	0294	11.75	0.1000	11.83	0.2916	0.1160	31	-0.28	0%	0
005.05	Ash, 3h @ 550°C (%)	0893	11.75	0.2600	11.83	0.2916	0.1160	31	-0.28	0%	0
005.05	Ash, 3h @ 550°C (%)	0683	11.76	0.4600	11.83	0.2916	0.1160	31	-0.25	0%	0
005.05	Ash, 3h @ 550°C (%)	2109	11.77	0.1500	11.83	0.2916	0.1160	31	-0.23	0%	0
005.05	Ash, 3h @ 550°C (%)	0885	11.83	0.0501	11.83	0.2916	0.1160	31	-0.01	0%	0
005.05	Ash, 3h @ 550°C (%)	2062	11.84	0.0199	11.83	0.2916	0.1160	31	0.02	0%	0
005.05	Ash, 3h @ 550°C (%)	0878	11.88	0.1600	11.83	0.2916	0.1160	31	0.16	0%	0
005.05	Ash, 3h @ 550°C (%)	0619	11.90	0.2000	11.83	0.2916	0.1160	31	0.23	0%	0
005.05	Ash, 3h @ 550°C (%)	0868	11.93	0.0100	11.83	0.2916	0.1160	31	0.32	0%	0
005.05	Ash, 3h @ 550°C (%)	0849	11.96	0.0820	11.83	0.2916	0.1160	31	0.43	1%	0
005.05	Ash, 3h @ 550°C (%)	2144	11.98	0.0600	11.83	0.2916	0.1160	31	0.51	1%	0
005.05	Ash, 3h @ 550°C (%)	0590	11.99	0.0300	11.83	0.2916	0.1160	31	0.52	1%	0
005.05	Ash, 3h @ 550°C (%)	2190	12.04	0.3600	11.83	0.2916	0.1160	31	0.71	1%	0
005.05	Ash, 3h @ 550°C (%)	2009	12.06	0.0361	11.83	0.2916	0.1160	31	0.78	1%	0
005.05	Ash, 3h @ 550°C (%)	0034	12.07	0.0940	11.83	0.2916	0.1160	31	0.81	1%	0
005.05	Ash, 3h @ 550°C (%)	2246	12.10	0.0500	11.83	0.2916	0.1160	31	0.90	1%	0
005.05	Ash, 3h @ 550°C (%)	0610	12.13	0.1000	11.83	0.2916	0.1160	31	1.02	1%	0
005.05	Ash, 3h @ 550°C (%)	0955	12.15	0.1000	11.83	0.2916	0.1160	31	1.09	1%	0
005.05	Ash, 3h @ 550°C (%)	0685	12.16	0.0600	11.83	0.2916	0.1160	31	1.12	1%	0
005.05	Ash, 3h @ 550°C (%)	0939	12.18	0.2800	11.83	0.2916	0.1160	31	1.19	1%	0
005.05	Ash, 3h @ 550°C (%)	0190	12.27	0.0700	11.83	0.2916	0.1160	31	1.48	2%	0
005.05	Ash, 3h @ 550°C (%)	2129	13.72	0.7930	11.83	0.2916	0.1160	31	6.46	8%	1
005.05	Ash, 3h @ 550°C (%)	0889	2.345	0.0900	11.83	0.2916	0.1160	31	-32.54	40%	2
005.11	Ash, NIR (%)	0297	9.105	0.2500				2			0
005.11	Ash, NIR (%)	0889	11.92	0.2450				2			0
005.99	Ash, Miscellaneous (%)	2081	9.135	0.2100	11.56	0.5583	0.2151	8	-4.35	11%	0
005.99	Ash, Miscellaneous (%)	0662	10.98	0.4007	11.56	0.5583	0.2151	8	-1.05	3%	0
005.99	Ash, Miscellaneous (%)	0536	11.45	0.1400	11.56	0.5583	0.2151	8	-0.21	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
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005.99	Ash, Miscellaneous (%)	0884	11.60	0.0000	11.56	0.5583	0.2151	8	0.06	0%	0
005.99	Ash, Miscellaneous (%)	0676	11.82	0.3100	11.56	0.5583	0.2151	8	0.45	1%	0
005.99	Ash, Miscellaneous (%)	0652	11.85	0.1000	11.56	0.5583	0.2151	8	0.51	1%	0
005.99	Ash, Miscellaneous (%)	0202	11.95	0.2600	11.56	0.5583	0.2151	8	0.69	2%	0
005.99	Ash, Miscellaneous (%)	0910	12.15	0.3000	11.56	0.5583	0.2151	8	1.05	3%	0
006.00	Total Sugars, As sucrose (%)	0921	0.4300	0.0200				3			0
006.00	Total Sugars, As sucrose (%)	0910	3.440	0.8200				3			0
006.00	Total Sugars, As sucrose (%)	0407	4.989	0.4580				3			0
006.99	Total Sugars, Miscellaneous (%)	0941	3.955	0.0500				3			0
006.99	Total Sugars, Miscellaneous (%)	0096	4.458	0.8092				3			0
006.99	Total Sugars, Miscellaneous (%)	0956	4.650	0.5000				3			0
008.02	Fiber, Acid Detergent, Crucible (%)	0676	3.535	0.1700	4.191	0.4703	0.2062	13	-1.40	8%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0098	3.740	0.2600	4.191	0.4703	0.2062	13	-0.96	5%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0353	3.815	0.3900	4.191	0.4703	0.2062	13	-0.80	4%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0345	3.900	0.2000	4.191	0.4703	0.2062	13	-0.62	3%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0226	4.025	0.1100	4.191	0.4703	0.2062	13	-0.35	2%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0948	4.095	0.1300	4.191	0.4703	0.2062	13	-0.21	1%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0309	4.124	0.0101	4.191	0.4703	0.2062	13	-0.14	1%	0
008.02	Fiber, Acid Detergent, Crucible (%)	2192	4.160	0.0200	4.191	0.4703	0.2062	13	-0.07	0%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0675	4.225	0.0300	4.191	0.4703	0.2062	13	0.07	0%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0148	4.560	0.0800	4.191	0.4703	0.2062	13	0.78	4%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0689	4.700	0.2000	4.191	0.4703	0.2062	13	1.08	6%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0504	4.730	0.3200	4.191	0.4703	0.2062	13	1.15	6%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0964	4.880	0.7600	4.191	0.4703	0.2062	13	1.46	8%	0
008.05	Fiber, Acid Detergent, Acid Detergent-Hach (%)	0265	4.830	0.2600				1			0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0956	3.550	0.3000	4.316	0.4474	0.1572	37	-1.71	9%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0968	3.646	0.0460	4.316	0.4474	0.1572	37	-1.50	8%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0148	3.700	0.4200	4.316	0.4474	0.1572	37	-1.38	7%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0878	3.815	0.1100	4.316	0.4474	0.1572	37	-1.12	6%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0653	3.860	0.1200	4.316	0.4474	0.1572	37	-1.02	5%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2190	3.900	0.0400	4.316	0.4474	0.1572	37	-0.93	5%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0297	3.920	0.2800	4.316	0.4474	0.1572	37	-0.88	5%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0026	3.925	0.0500	4.316	0.4474	0.1572	37	-0.87	5%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0918	3.948	0.6540	4.316	0.4474	0.1572	37	-0.82	4%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0910	3.965	0.0500	4.316	0.4474	0.1572	37	-0.78	4%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0358	4.015	0.0300	4.316	0.4474	0.1572	37	-0.67	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0066	4.125	0.2300	4.316	0.4474	0.1572	37	-0.43	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0675	4.135	0.0300	4.316	0.4474	0.1572	37	-0.40	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0278	4.150	0.1000	4.316	0.4474	0.1572	37	-0.37	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0001	4.265	0.0100	4.316	0.4474	0.1572	37	-0.11	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0004	4.275	0.3500	4.316	0.4474	0.1572	37	-0.09	0%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2193	4.275	0.0700	4.316	0.4474	0.1572	37	-0.09	0%	0

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008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0083	4.290	0.1400	4.316	0.4474	0.1572	37	-0.06	0%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0190	4.310	0.0200	4.316	0.4474	0.1572	37	-0.01	0%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0049	4.315	0.5100	4.316	0.4474	0.1572	37	0.00	0%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0263	4.316	0.0140	4.316	0.4474	0.1572	37	0.00	0%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0619	4.420	0.2000	4.316	0.4474	0.1572	37	0.23	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0354	4.430	0.0400	4.316	0.4474	0.1572	37	0.26	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2196	4.430	0.0000	4.316	0.4474	0.1572	37	0.26	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0164	4.450	0.1000	4.316	0.4474	0.1572	37	0.30	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0581	4.465	0.0500	4.316	0.4474	0.1572	37	0.33	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0045	4.545	0.2500	4.316	0.4474	0.1572	37	0.51	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0037	4.565	0.1100	4.316	0.4474	0.1572	37	0.56	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0357	4.600	0.2000	4.316	0.4474	0.1572	37	0.64	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0510	4.600	0.0000	4.316	0.4474	0.1572	37	0.64	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0870	4.634	0.2016	4.316	0.4474	0.1572	37	0.71	4%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0294	4.900	0.0000	4.316	0.4474	0.1572	37	1.31	7%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0726	4.905	0.0700	4.316	0.4474	0.1572	37	1.32	7%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2129	4.978	0.6580	4.316	0.4474	0.1572	37	1.48	8%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0693	5.068	0.2760	4.316	0.4474	0.1572	37	1.68	9%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0407	5.139	0.0583	4.316	0.4474	0.1572	37	1.84	10%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0536	5.675	0.0300	4.316	0.4474	0.1572	37	3.04	16%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0948	4.075	0.9500	4.316	0.4474	0.1572	37	-0.54	3%	1
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0590	12.00	0.0000	4.316	0.4474	0.1572	37	17.18	89%	2
008.99	Fiber, Acid Detergent, Miscellaneous (%)	0511	4.150	0.3000				2			0
008.99	Fiber, Acid Detergent, Miscellaneous (%)	0610	4.605	0.1100				2			0
009.04	Fiber, Neutral Detergent, Neutral Det-No ENZ Pretreat (%)	0504	11.31	0.3700				1			0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0910	10.00	0.0000	12.10	1.021	0.2344	12	-2.05	9%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0353	11.01	0.0900	12.10	1.021	0.2344	12	-1.07	5%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0345	11.30	0.6000	12.10	1.021	0.2344	12	-0.78	3%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0676	11.78	0.3300	12.10	1.021	0.2344	12	-0.32	1%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0226	11.82	0.4200	12.10	1.021	0.2344	12	-0.27	1%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0098	11.95	0.5000	12.10	1.021	0.2344	12	-0.14	1%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	2192	12.12	0.0400	12.10	1.021	0.2344	12	0.02	0%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0675	12.25	0.1100	12.10	1.021	0.2344	12	0.15	1%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0948	12.51	0.0500	12.10	1.021	0.2344	12	0.40	2%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0689	13.10	0.4000	12.10	1.021	0.2344	12	0.98	4%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0610	13.30	0.0000	12.10	1.021	0.2344	12	1.18	5%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0309	13.48	0.2732	12.10	1.021	0.2344	12	1.35	6%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0598	10.17	0.0400	11.60	0.6089	0.2637	38	-2.35	6%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0956	10.65	0.9000	11.60	0.6089	0.2637	38	-1.56	4%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0358	10.69	0.2700	11.60	0.6089	0.2637	38	-1.50	4%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0278	10.70	0.4000	11.60	0.6089	0.2637	38	-1.48	4%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0049	10.76	0.4000	11.60	0.6089	0.2637	38	-1.38	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			
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0878	10.83	0.0200	11.60	0.6089	0.2637	38	-1.26	3%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0263	10.94	0.1293	11.60	0.6089	0.2637	38	-1.09	3%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0354	11.21	0.0200	11.60	0.6089	0.2637	38	-0.64	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	2190	11.33	0.5500	11.60	0.6089	0.2637	38	-0.45	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0148	11.35	0.3000	11.60	0.6089	0.2637	38	-0.41	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0265	11.35	0.5000	11.60	0.6089	0.2637	38	-0.41	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0619	11.35	0.2200	11.60	0.6089	0.2637	38	-0.41	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0510	11.40	0.0000	11.60	0.6089	0.2637	38	-0.33	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0190	11.45	0.8000	11.60	0.6089	0.2637	38	-0.25	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0581	11.47	0.0900	11.60	0.6089	0.2637	38	-0.22	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0164	11.50	0.2000	11.60	0.6089	0.2637	38	-0.16	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0294	11.55	0.1000	11.60	0.6089	0.2637	38	-0.08	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0357	11.55	0.1000	11.60	0.6089	0.2637	38	-0.08	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0037	11.57	0.1300	11.60	0.6089	0.2637	38	-0.06	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0881	11.60	0.9670	11.60	0.6089	0.2637	38	0.00	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	2196	11.60	0.0000	11.60	0.6089	0.2637	38	0.00	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0297	11.69	0.2600	11.60	0.6089	0.2637	38	0.15	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0693	11.71	0.1040	11.60	0.6089	0.2637	38	0.19	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0870	11.75	0.3700	11.60	0.6089	0.2637	38	0.25	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	2193	11.76	0.3300	11.60	0.6089	0.2637	38	0.25	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0407	11.86	0.2444	11.60	0.6089	0.2637	38	0.43	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0066	11.92	0.1300	11.60	0.6089	0.2637	38	0.52	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0968	11.95	0.0460	11.60	0.6089	0.2637	38	0.58	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0083	11.98	0.1200	11.60	0.6089	0.2637	38	0.62	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0726	12.05	0.1200	11.60	0.6089	0.2637	38	0.74	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0675	12.10	0.1300	11.60	0.6089	0.2637	38	0.81	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0653	12.11	0.1100	11.60	0.6089	0.2637	38	0.83	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0638	12.20	0.2000	11.60	0.6089	0.2637	38	0.99	3%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0918	12.28	0.4710	11.60	0.6089	0.2637	38	1.12	3%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0948	12.36	0.1100	11.60	0.6089	0.2637	38	1.24	3%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0536	13.53	0.5400	11.60	0.6089	0.2637	38	3.17	8%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0045	14.00	0.2000	11.60	0.6089	0.2637	38	3.94	10%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	2129	14.17	0.3990	11.60	0.6089	0.2637	38	4.21	11%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0590	3.915	0.0300	11.60	0.6089	0.2637	38	-12.62	33%	2
009.99	Fiber, Neutral Detergent, Miscellaneous (%)	0889	10.51	0.0100				1			0
010.03	Moisture, Karl-Fischer (%)	0843	9.320	0.2600				2			0
010.03	Moisture, Karl-Fischer (%)	0164	9.490	0.0200				2			0
010.11	Moisture, NIR (%)	0889	9.668	0.0150				2			0
010.11	Moisture, NIR (%)	0553	9.930	0.3600				2			0
010.99	Moisture, Miscellaneous (%)	0726	9.155	0.0500	9.836	0.4060	0.1087	14	-1.68	3%	0
010.99	Moisture, Miscellaneous (%)	2129	9.309	0.3319	9.836	0.4060	0.1087	14	-1.30	3%	0
010.99	Moisture, Miscellaneous (%)	0948	9.480	0.0600	9.836	0.4060	0.1087	14	-0.88	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			
010.99	Moisture, Miscellaneous (%)	2043	9.635	0.0500	9.836	0.4060	0.1087	14	-0.50	1%	0
010.99	Moisture, Miscellaneous (%)	0884	9.700	0.0000	9.836	0.4060	0.1087	14	-0.34	1%	0
010.99	Moisture, Miscellaneous (%)	2076	9.805	0.1100	9.836	0.4060	0.1087	14	-0.08	0%	0
010.99	Moisture, Miscellaneous (%)	2089	9.855	0.1100	9.836	0.4060	0.1087	14	0.05	0%	0
010.99	Moisture, Miscellaneous (%)	2150	9.880	0.3400	9.836	0.4060	0.1087	14	0.11	0%	0
010.99	Moisture, Miscellaneous (%)	0652	9.950	0.1000	9.836	0.4060	0.1087	14	0.28	1%	0
010.99	Moisture, Miscellaneous (%)	0190	9.970	0.0600	9.836	0.4060	0.1087	14	0.33	1%	0
010.99	Moisture, Miscellaneous (%)	2178	9.985	0.2100	9.836	0.4060	0.1087	14	0.37	1%	0
010.99	Moisture, Miscellaneous (%)	0921	10.02	0.0400	9.836	0.4060	0.1087	14	0.45	1%	0
010.99	Moisture, Miscellaneous (%)	0405	10.89	0.0500	9.836	0.4060	0.1087	14	2.58	5%	0
010.99	Moisture, Miscellaneous (%)	2248	11.32	0.0100	9.836	0.4060	0.1087	14	3.64	8%	0
010.99	Moisture, Miscellaneous (%)	0939	9.750	0.7200	9.836	0.4060	0.1087	14	-0.21	0%	1
011.01	Loss on Drying, 135°C 2hr (%)	2199	9.450	0.1000	10.49	0.4666	0.1531	63	-2.23	5%	0
011.01	Loss on Drying, 135°C 2hr (%)	0874	9.690	0.0400	10.49	0.4666	0.1531	63	-1.71	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	0425	9.815	0.0500	10.49	0.4666	0.1531	63	-1.44	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	2268	9.825	0.0300	10.49	0.4666	0.1531	63	-1.42	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0563	9.830	0.1796	10.49	0.4666	0.1531	63	-1.41	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0510	9.850	0.1000	10.49	0.4666	0.1531	63	-1.37	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0520	9.850	0.1000	10.49	0.4666	0.1531	63	-1.37	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0880	9.905	0.3100	10.49	0.4666	0.1531	63	-1.25	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0175	10.00	0.2000	10.49	0.4666	0.1531	63	-1.05	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0643	10.00	0.6000	10.49	0.4666	0.1531	63	-1.05	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0226	10.07	0.1300	10.49	0.4666	0.1531	63	-0.91	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0598	10.07	0.0800	10.49	0.4666	0.1531	63	-0.90	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0675	10.08	0.0300	10.49	0.4666	0.1531	63	-0.89	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	2033	10.09	0.0100	10.49	0.4666	0.1531	63	-0.87	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0881	10.09	0.1900	10.49	0.4666	0.1531	63	-0.86	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	2006	10.13	0.0100	10.49	0.4666	0.1531	63	-0.78	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	2168	10.14	0.4200	10.49	0.4666	0.1531	63	-0.75	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0651	10.21	0.0200	10.49	0.4666	0.1531	63	-0.60	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	2181	10.26	0.0900	10.49	0.4666	0.1531	63	-0.50	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	2193	10.26	0.0400	10.49	0.4666	0.1531	63	-0.49	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0047	10.30	0.6000	10.49	0.4666	0.1531	63	-0.40	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0968	10.31	0.0680	10.49	0.4666	0.1531	63	-0.39	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0574	10.35	0.4400	10.49	0.4666	0.1531	63	-0.30	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0536	10.38	0.0500	10.49	0.4666	0.1531	63	-0.24	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0298	10.39	0.0200	10.49	0.4666	0.1531	63	-0.21	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0062	10.41	0.1060	10.49	0.4666	0.1531	63	-0.16	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0553	10.42	0.0700	10.49	0.4666	0.1531	63	-0.16	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	2196	10.43	0.0000	10.49	0.4666	0.1531	63	-0.13	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0354	10.44	0.0100	10.49	0.4666	0.1531	63	-0.11	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0100	10.45	0.2100	10.49	0.4666	0.1531	63	-0.09	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	
011.01	Loss on Drying, 135°C 2hr (%)	0685	10.46	0.2300	10.49	0.4666	0.1531	63	-0.07	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0653	10.50	0.0100	10.49	0.4666	0.1531	63	0.01	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0622	10.54	0.0610	10.49	0.4666	0.1531	63	0.10	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0859	10.57	0.0010	10.49	0.4666	0.1531	63	0.17	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0098	10.57	0.7000	10.49	0.4666	0.1531	63	0.17	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	2188	10.59	0.0000	10.49	0.4666	0.1531	63	0.22	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0294	10.60	0.0000	10.49	0.4666	0.1531	63	0.24	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0144	10.61	0.3900	10.49	0.4666	0.1531	63	0.25	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0541	10.63	0.1300	10.49	0.4666	0.1531	63	0.29	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0242	10.63	0.3000	10.49	0.4666	0.1531	63	0.30	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0108	10.64	0.0700	10.49	0.4666	0.1531	63	0.31	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	2022	10.64	0.0400	10.49	0.4666	0.1531	63	0.32	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0263	10.65	0.0700	10.49	0.4666	0.1531	63	0.34	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0164	10.75	0.0700	10.49	0.4666	0.1531	63	0.55	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0171	10.75	0.0400	10.49	0.4666	0.1531	63	0.56	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0682	10.76	0.0000	10.49	0.4666	0.1531	63	0.58	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0511	10.77	0.2200	10.49	0.4666	0.1531	63	0.60	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0407	10.78	0.0460	10.49	0.4666	0.1531	63	0.62	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0123	10.87	0.0100	10.49	0.4666	0.1531	63	0.81	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	2073	10.91	0.0500	10.49	0.4666	0.1531	63	0.89	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0589	10.92	0.3300	10.49	0.4666	0.1531	63	0.91	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0870	10.93	0.1341	10.49	0.4666	0.1531	63	0.94	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0066	10.98	0.1300	10.49	0.4666	0.1531	63	1.04	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0358	11.00	0.3200	10.49	0.4666	0.1531	63	1.10	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0202	11.03	0.3400	10.49	0.4666	0.1531	63	1.16	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	2184	11.04	0.0500	10.49	0.4666	0.1531	63	1.17	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0265	11.05	0.5000	10.49	0.4666	0.1531	63	1.20	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0004	11.06	0.1400	10.49	0.4666	0.1531	63	1.22	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	2097	11.08	0.0100	10.49	0.4666	0.1531	63	1.26	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0229	11.10	0.0580	10.49	0.4666	0.1531	63	1.30	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0618	11.23	0.0400	10.49	0.4666	0.1531	63	1.59	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	0309	11.26	0.1800	10.49	0.4666	0.1531	63	1.65	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	0843	11.54	0.6700	10.49	0.4666	0.1531	63	2.24	5%	0
011.01	Loss on Drying, 135°C 2hr (%)	0539	10.16	0.9000	10.49	0.4666	0.1531	63	-0.70	2%	1
011.02	Loss on Drying, 130°C for 2 hours (%)	0942	10.35	0.0600				1			0
011.99	Loss on Drying, High Temp. Methods Miscellaneous (%)	0857	9.900	0.2000				1			0
012.00	Starch, Polarimetric (Ewers) (%)	2188	32.41	0.0600	39.55	1.087	0.3707	15	-6.57	9%	0
012.00	Starch, Polarimetric (Ewers) (%)	0354	36.29	0.0100	39.55	1.087	0.3707	15	-3.01	4%	0
012.00	Starch, Polarimetric (Ewers) (%)	2192	38.01	0.3200	39.55	1.087	0.3707	15	-1.42	2%	0
012.00	Starch, Polarimetric (Ewers) (%)	2181	39.35	0.0000	39.55	1.087	0.3707	15	-0.19	0%	0
012.00	Starch, Polarimetric (Ewers) (%)	0610	39.45	0.1000	39.55	1.087	0.3707	15	-0.09	0%	0
012.00	Starch, Polarimetric (Ewers) (%)	0910	39.45	1.100	39.55	1.087	0.3707	15	-0.09	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
012.00	Starch, Polarimetric (Ewers) (%)	2196	39.51	0.0000	39.55	1.087	0.3707	15	-0.04	0%	0
012.00	Starch, Polarimetric (Ewers) (%)	0619	39.65	0.1000	39.55	1.087	0.3707	15	0.09	0%	0
012.00	Starch, Polarimetric (Ewers) (%)	0164	39.95	1.500	39.55	1.087	0.3707	15	0.37	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0878	39.95	0.1000	39.55	1.087	0.3707	15	0.37	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0683	40.03	0.7100	39.55	1.087	0.3707	15	0.43	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	2193	40.03	0.0200	39.55	1.087	0.3707	15	0.44	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0689	40.20	0.0000	39.55	1.087	0.3707	15	0.60	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	2009	40.75	0.0111	39.55	1.087	0.3707	15	1.10	2%	0
012.00	Starch, Polarimetric (Ewers) (%)	2006	41.13	1.530	39.55	1.087	0.3707	15	1.45	2%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0918	33.88	0.8520	37.48	2.167	0.9250	12	-1.66	5%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0676	35.37	0.8200	37.48	2.167	0.9250	12	-0.97	3%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0164	36.25	1.300	37.48	2.167	0.9250	12	-0.57	2%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0870	36.28	0.7277	37.48	2.167	0.9250	12	-0.55	2%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0956	36.60	3.000	37.48	2.167	0.9250	12	-0.41	1%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0910	37.20	1.400	37.48	2.167	0.9250	12	-0.13	0%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	2242	37.58	0.3200	37.48	2.167	0.9250	12	0.05	0%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0045	37.95	0.1000	37.48	2.167	0.9250	12	0.22	1%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0148	38.15	0.1000	37.48	2.167	0.9250	12	0.31	1%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0693	39.36	0.4900	37.48	2.167	0.9250	12	0.87	3%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0265	40.05	1.900	37.48	2.167	0.9250	12	1.19	3%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	2089	40.96	0.0900	37.48	2.167	0.9250	12	1.60	5%	0
012.03	Starch, Enzymatic-Colorimetric Method, Miscellaneous (%)	0889	5.860	0.0000	32.16	14.82	0.2321	5			0
012.03	Starch, Enzymatic-Colorimetric Method, Miscellaneous (%)	0407	36.89	0.4507	32.16	14.82	0.2321	5			0
012.03	Starch, Enzymatic-Colorimetric Method, Miscellaneous (%)	0297	37.59	0.1700	32.16	14.82	0.2321	5			0
012.03	Starch, Enzymatic-Colorimetric Method, Miscellaneous (%)	0955	38.70	0.0000	32.16	14.82	0.2321	5			0
012.03	Starch, Enzymatic-Colorimetric Method, Miscellaneous (%)	0066	41.76	0.5400	32.16	14.82	0.2321	5			0
012.03	Starch, Enzymatic-Colorimetric Method, Miscellaneous (%)	0098	35.20	3.400	32.16	14.82	0.2321	5			1
012.04	Starch, Enzymatic-Enzyme Membrane Technology (YSI) (	0278	36.00	1.200	37.16	1.755	0.5725	4			0
012.04	Starch, Enzymatic-Enzyme Membrane Technology (YSI) (	0510	36.25	0.5000	37.16	1.755	0.5725	4			0
012.04	Starch, Enzymatic-Enzyme Membrane Technology (YSI) (	0353	36.63	0.4000	37.16	1.755	0.5725	4			0
012.04	Starch, Enzymatic-Enzyme Membrane Technology (YSI) (	0948	39.77	0.1900	37.16	1.755	0.5725	4			0
012.11	Starch, NIR (%)	0889	37.86	0.5200				3			0
012.11	Starch, NIR (%)	0297	44.19	0.1700				3			0
012.11	Starch, NIR (%)	0590	45.35	0.3000				3			0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0083	2.330	0.0400	3.352	0.8525	0.1513	17	-1.20	15%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0242	2.455	0.0900	3.352	0.8525	0.1513	17	-1.05	13%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	2146	2.465	0.1100	3.352	0.8525	0.1513	17	-1.04	13%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0618	2.493	0.0340	3.352	0.8525	0.1513	17	-1.01	13%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	2073	2.545	0.2500	3.352	0.8525	0.1513	17	-0.95	12%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0689	2.700	0.0000	3.352	0.8525	0.1513	17	-0.76	10%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0948	3.200	0.0000	3.352	0.8525	0.1513	17	-0.18	2%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0309	3.428	0.1696	3.352	0.8525	0.1513	17	0.09	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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013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0541	3.460	0.3200	3.352	0.8525	0.1513	17	0.13	2%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0910	3.490	0.0000	3.352	0.8525	0.1513	17	0.16	2%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0652	3.550	0.1000	3.352	0.8525	0.1513	17	0.23	3%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0229	3.560	0.1400	3.352	0.8525	0.1513	17	0.24	3%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0884	3.850	0.3000	3.352	0.8525	0.1513	17	0.58	7%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	2150	4.205	0.1900	3.352	0.8525	0.1513	17	1.00	13%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0202	4.260	0.2600	3.352	0.8525	0.1513	17	1.07	14%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0139	4.360	0.0800	3.352	0.8525	0.1513	17	1.18	15%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	2076	4.748	0.4891	3.352	0.8525	0.1513	17	1.64	21%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0853	2.300	0.2000	4.152	0.5107	0.1877	15	-3.63	22%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0148	3.665	0.1300	4.152	0.5107	0.1877	15	-0.95	6%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0870	3.759	0.0778	4.152	0.5107	0.1877	15	-0.77	5%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0874	3.765	0.2100	4.152	0.5107	0.1877	15	-0.76	5%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0921	3.865	0.0900	4.152	0.5107	0.1877	15	-0.56	3%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0100	4.010	0.0200	4.152	0.5107	0.1877	15	-0.28	2%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0553	4.015	0.3900	4.152	0.5107	0.1877	15	-0.27	2%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0354	4.070	0.0200	4.152	0.5107	0.1877	15	-0.16	1%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0675	4.080	0.0200	4.152	0.5107	0.1877	15	-0.14	1%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0164	4.290	0.0400	4.152	0.5107	0.1877	15	0.27	2%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0098	4.315	0.7700	4.152	0.5107	0.1877	15	0.32	2%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0682	4.680	0.0000	4.152	0.5107	0.1877	15	1.03	6%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0407	4.713	0.1370	4.152	0.5107	0.1877	15	1.10	7%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	2259	4.763	0.6210	4.152	0.5107	0.1877	15	1.20	7%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0171	4.905	0.0900	4.152	0.5107	0.1877	15	1.47	9%	0
013.08	Fat, Base Pretreat, Roese-Gottlieb Modified (%)	0618	2.104	0.4356				1			0
013.10	Fat, Acid Pretreat, Soxtec-Acid Hydrolysis (%)	0638	3.300	0.0000	3.318	0.0287	0.0200	4			0
013.10	Fat, Acid Pretreat, Soxtec-Acid Hydrolysis (%)	2196	3.300	0.0000	3.318	0.0287	0.0200	4			0
013.10	Fat, Acid Pretreat, Soxtec-Acid Hydrolysis (%)	0353	3.310	0.0200	3.318	0.0287	0.0200	4			0
013.10	Fat, Acid Pretreat, Soxtec-Acid Hydrolysis (%)	0610	3.360	0.0600	3.318	0.0287	0.0200	4			0
013.10	Fat, Acid Pretreat, Soxtec-Acid Hydrolysis (%)	0036	2.831	0.0445	3.318	0.0287	0.0200	4			2
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0955	3.020	0.0200	3.459	0.4899	0.1818	8	-0.90	6%	0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0265	3.055	0.0100	3.459	0.4899	0.1818	8	-0.83	6%	0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0939	3.140	0.2800	3.459	0.4899	0.1818	8	-0.65	5%	0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0968	3.265	0.0190	3.459	0.4899	0.1818	8	-0.40	3%	0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0003	3.375	0.7100	3.459	0.4899	0.1818	8	-0.17	1%	0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0843	3.730	0.1600	3.459	0.4899	0.1818	8	0.55	4%	0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0581	3.895	0.0300	3.459	0.4899	0.1818	8	0.89	6%	0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0407	4.229	0.2251	3.459	0.4899	0.1818	8	1.57	11%	0
015.41	Aluminum, ICP, Dry ash (ppm)	0049	122.0	8.350	140.7	11.58	7.978	5			0
015.41	Aluminum, ICP, Dry ash (ppm)	0171	139.3	1.700	140.7	11.58	7.978	5			0
015.41	Aluminum, ICP, Dry ash (ppm)	0520	142.0	18.00	140.7	11.58	7.978	5			0
015.41	Aluminum, ICP, Dry ash (ppm)	0164	149.5	7.000	140.7	11.58	7.978	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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015.41	Aluminum, ICP, Dry ash (ppm)	0407	150.9	4.842	140.7	11.58	7.978	5			0
015.42	Aluminum, ICP, Open vessel (ppm)	0037	101.8	0.7000				1			0
015.43	Aluminum, ICP, Microwave (ppm)	0297	131.0	4.000	151.1	16.16	4.088	7	-1.25	7%	0
015.43	Aluminum, ICP, Microwave (ppm)	0169	137.0	2.000	151.1	16.16	4.088	7	-0.87	5%	0
015.43	Aluminum, ICP, Microwave (ppm)	0345	144.4	7.700	151.1	16.16	4.088	7	-0.42	2%	0
015.43	Aluminum, ICP, Microwave (ppm)	0425	151.3	0.7000	151.1	16.16	4.088	7	0.01	0%	0
015.43	Aluminum, ICP, Microwave (ppm)	0407	162.3	4.218	151.1	16.16	4.088	7	0.69	4%	0
015.43	Aluminum, ICP, Microwave (ppm)	0510	165.5	1.000	151.1	16.16	4.088	7	0.89	5%	0
015.43	Aluminum, ICP, Microwave (ppm)	0353	166.5	9.000	151.1	16.16	4.088	7	0.95	5%	0
015.43	Aluminum, ICP, Microwave (ppm)	0918	126.7	28.49	151.1	16.16	4.088	7	-1.51	8%	1
015.53	Aluminum, ICP-MS, Microwave (ppm)	0553	171.5	7.000				2			0
015.53	Aluminum, ICP-MS, Microwave (ppm)	0939	198.0	2.000				2			0
017.41	Boron, ICP, Dry ash (ppm)	0229	5.255	0.2300	7.245	1.408	0.3162	5			0
017.41	Boron, ICP, Dry ash (ppm)	0358	6.610	0.6200	7.245	1.408	0.3162	5			0
017.41	Boron, ICP, Dry ash (ppm)	0407	7.461	0.0909	7.245	1.408	0.3162	5			0
017.41	Boron, ICP, Dry ash (ppm)	0049	7.895	0.5700	7.245	1.408	0.3162	5			0
017.41	Boron, ICP, Dry ash (ppm)	0226	9.005	0.0700	7.245	1.408	0.3162	5			0
017.42	Boron, ICP, Open vessel (ppm)	0265	6.995	0.8500	8.077	1.287	0.2642	6	-0.84	7%	0
017.42	Boron, ICP, Open vessel (ppm)	0693	7.313	0.2550	8.077	1.287	0.2642	6	-0.59	5%	0
017.42	Boron, ICP, Open vessel (ppm)	0045	7.360	0.0600	8.077	1.287	0.2642	6	-0.56	4%	0
017.42	Boron, ICP, Open vessel (ppm)	0037	8.050	0.1000	8.077	1.287	0.2642	6	-0.02	0%	0
017.42	Boron, ICP, Open vessel (ppm)	0294	8.740	0.1200	8.077	1.287	0.2642	6	0.51	4%	0
017.42	Boron, ICP, Open vessel (ppm)	2053	10.30	0.2000	8.077	1.287	0.2642	6	1.73	14%	0
017.43	Boron, ICP, Microwave (ppm)	0345	7.605	0.1900	8.419	0.6257	0.0936	5			0
017.43	Boron, ICP, Microwave (ppm)	0083	8.100	0.0000	8.419	0.6257	0.0936	5			0
017.43	Boron, ICP, Microwave (ppm)	0407	8.301	0.0382	8.419	0.6257	0.0936	5			0
017.43	Boron, ICP, Microwave (ppm)	0510	9.000	0.0000	8.419	0.6257	0.0936	5			0
017.43	Boron, ICP, Microwave (ppm)	0918	9.090	0.2400	8.419	0.6257	0.0936	5			0
017.43	Boron, ICP, Microwave (ppm)	0353	11.50	1.000	8.419	0.6257	0.0936	5			1
017.43	Boron, ICP, Microwave (ppm)	0297	0.0000	0.0000	8.419	0.6257	0.0936	5			4
017.44	Boron, ICP, Dry ash (ppm)	0405	8.982	0.2000				1			0
017.52	Boron, ICP-MS, Open vessel (ppm)	0560	7.780	1.920				1			0
017.53	Boron, ICP-MS, Microwave (ppm)	0553	9.640	1.120				1			0
019.00	Calcium, Ox-Mn04 Vol. (%)	2144	2.870	0.0400	3.053	0.1249	0.0360	11	-1.46	3%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2109	2.878	0.0370	3.053	0.1249	0.0360	11	-1.40	3%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2181	2.985	0.0500	3.053	0.1249	0.0360	11	-0.54	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0878	3.025	0.0300	3.053	0.1249	0.0360	11	-0.22	0%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2006	3.035	0.0380	3.053	0.1249	0.0360	11	-0.14	0%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0893	3.100	0.0800	3.053	0.1249	0.0360	11	0.38	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0881	3.105	0.0430	3.053	0.1249	0.0360	11	0.41	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0897	3.105	0.0300	3.053	0.1249	0.0360	11	0.42	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0043	3.113	0.0250	3.053	0.1249	0.0360	11	0.48	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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019.00	Calcium, Ox-Mn04 Vol. (%)	0683	3.125	0.0100	3.053	0.1249	0.0360	11	0.58	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2062	4.134	0.0130	3.053	0.1249	0.0360	11	8.65	18%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0651	1,472	2,938	3.053	0.1249	0.0360	11	11762.10	24059%	2
019.03	Calcium, Semiauto (Autoanalyzer) (%)	0036	3.134	0.0060				1			0
019.08	Calcium, EDTA (%)	2199	2.960	0.1600	3.080	0.1024	0.0395	10	-1.18	2%	0
019.08	Calcium, EDTA (%)	0590	2.970	0.0000	3.080	0.1024	0.0395	10	-1.08	2%	0
019.08	Calcium, EDTA (%)	0849	2.973	0.0050	3.080	0.1024	0.0395	10	-1.05	2%	0
019.08	Calcium, EDTA (%)	2190	3.065	0.0422	3.080	0.1024	0.0395	10	-0.15	0%	0
019.08	Calcium, EDTA (%)	2196	3.080	0.0000	3.080	0.1024	0.0395	10	0.00	0%	0
019.08	Calcium, EDTA (%)	2009	3.108	0.0051	3.080	0.1024	0.0395	10	0.27	0%	0
019.08	Calcium, EDTA (%)	0885	3.119	0.1330	3.080	0.1024	0.0395	10	0.37	1%	0
019.08	Calcium, EDTA (%)	0689	3.145	0.0100	3.080	0.1024	0.0395	10	0.63	1%	0
019.08	Calcium, EDTA (%)	2193	3.150	0.0400	3.080	0.1024	0.0395	10	0.68	1%	0
019.08	Calcium, EDTA (%)	2188	3.320	0.0000	3.080	0.1024	0.0395	10	2.34	4%	0
019.31	Calcium, AAS, Dry ash (%)	0939	2.805	0.0900	3.060	0.1252	0.0485	19	-2.03	4%	0
019.31	Calcium, AAS, Dry ash (%)	2246	2.860	0.0000	3.060	0.1252	0.0485	19	-1.59	3%	0
019.31	Calcium, AAS, Dry ash (%)	0563	2.947	0.0721	3.060	0.1252	0.0485	19	-0.90	2%	0
019.31	Calcium, AAS, Dry ash (%)	0948	2.972	0.0060	3.060	0.1252	0.0485	19	-0.70	1%	0
019.31	Calcium, AAS, Dry ash (%)	0175	2.975	0.0100	3.060	0.1252	0.0485	19	-0.68	1%	0
019.31	Calcium, AAS, Dry ash (%)	0038	2.989	0.1144	3.060	0.1252	0.0485	19	-0.57	1%	0
019.31	Calcium, AAS, Dry ash (%)	0687	3.000	0.2000	3.060	0.1252	0.0485	19	-0.48	1%	0
019.31	Calcium, AAS, Dry ash (%)	0884	3.010	0.0800	3.060	0.1252	0.0485	19	-0.40	1%	0
019.31	Calcium, AAS, Dry ash (%)	0142	3.024	0.0433	3.060	0.1252	0.0485	19	-0.29	1%	0
019.31	Calcium, AAS, Dry ash (%)	2196	3.030	0.0000	3.060	0.1252	0.0485	19	-0.24	0%	0
019.31	Calcium, AAS, Dry ash (%)	0874	3.110	0.0000	3.060	0.1252	0.0485	19	0.40	1%	0
019.31	Calcium, AAS, Dry ash (%)	0529	3.120	0.0200	3.060	0.1252	0.0485	19	0.48	1%	0
019.31	Calcium, AAS, Dry ash (%)	0868	3.125	0.0700	3.060	0.1252	0.0485	19	0.52	1%	0
019.31	Calcium, AAS, Dry ash (%)	2022	3.125	0.0300	3.060	0.1252	0.0485	19	0.52	1%	0
019.31	Calcium, AAS, Dry ash (%)	0108	3.150	0.0400	3.060	0.1252	0.0485	19	0.72	1%	0
019.31	Calcium, AAS, Dry ash (%)	2097	3.179	0.0185	3.060	0.1252	0.0485	19	0.96	2%	0
019.31	Calcium, AAS, Dry ash (%)	0622	3.191	0.0805	3.060	0.1252	0.0485	19	1.05	2%	0
019.31	Calcium, AAS, Dry ash (%)	2248	3.195	0.0100	3.060	0.1252	0.0485	19	1.08	2%	0
019.31	Calcium, AAS, Dry ash (%)	0001	3.282	0.0360	3.060	0.1252	0.0485	19	1.78	4%	0
019.31	Calcium, AAS, Dry ash (%)	0536	3.170	0.6200	3.060	0.1252	0.0485	19	0.88	2%	1
019.32	Calcium, AAS, Open vessel (%)	0169	3.015	0.0300				1			0
019.33	Calcium, AAS, Microwave (%)	2178	3.290	0.1000				1			0
019.34	Calcium, AAS, Dry ash (%)	2022	3.075	0.0900				1			0
019.41	Calcium, ICP, Dry ash (%)	0405	2.783	0.0320	3.032	0.1599	0.0681	28	-1.56	4%	0
019.41	Calcium, ICP, Dry ash (%)	0685	2.785	0.0100	3.032	0.1599	0.0681	28	-1.54	4%	0
019.41	Calcium, ICP, Dry ash (%)	0144	2.790	0.1600	3.032	0.1599	0.0681	28	-1.51	4%	0
019.41	Calcium, ICP, Dry ash (%)	0123	2.860	0.0800	3.032	0.1599	0.0681	28	-1.08	3%	0
019.41	Calcium, ICP, Dry ash (%)	0910	2.890	0.2000	3.032	0.1599	0.0681	28	-0.89	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
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019.41	Calcium, ICP, Dry ash (%)	0148	2.900	0.0000	3.032	0.1599	0.0681	28	-0.83	2%	0
019.41	Calcium, ICP, Dry ash (%)	2259	2.902	0.0200	3.032	0.1599	0.0681	28	-0.81	2%	0
019.41	Calcium, ICP, Dry ash (%)	0004	2.935	0.0900	3.032	0.1599	0.0681	28	-0.61	2%	0
019.41	Calcium, ICP, Dry ash (%)	0511	2.940	0.1200	3.032	0.1599	0.0681	28	-0.58	2%	0
019.41	Calcium, ICP, Dry ash (%)	0229	2.970	0.0200	3.032	0.1599	0.0681	28	-0.39	1%	0
019.41	Calcium, ICP, Dry ash (%)	0878	2.970	0.1400	3.032	0.1599	0.0681	28	-0.39	1%	0
019.41	Calcium, ICP, Dry ash (%)	0018	2.990	0.0600	3.032	0.1599	0.0681	28	-0.26	1%	0
019.41	Calcium, ICP, Dry ash (%)	0139	3.040	0.0200	3.032	0.1599	0.0681	28	0.05	0%	0
019.41	Calcium, ICP, Dry ash (%)	0003	3.045	0.1300	3.032	0.1599	0.0681	28	0.08	0%	0
019.41	Calcium, ICP, Dry ash (%)	0298	3.060	0.0200	3.032	0.1599	0.0681	28	0.18	0%	0
019.41	Calcium, ICP, Dry ash (%)	0653	3.089	0.0230	3.032	0.1599	0.0681	28	0.35	1%	0
019.41	Calcium, ICP, Dry ash (%)	0354	3.095	0.0300	3.032	0.1599	0.0681	28	0.39	1%	0
019.41	Calcium, ICP, Dry ash (%)	0066	3.100	0.1000	3.032	0.1599	0.0681	28	0.43	1%	0
019.41	Calcium, ICP, Dry ash (%)	0049	3.105	0.2300	3.032	0.1599	0.0681	28	0.46	1%	0
019.41	Calcium, ICP, Dry ash (%)	0171	3.110	0.0000	3.032	0.1599	0.0681	28	0.49	1%	0
019.41	Calcium, ICP, Dry ash (%)	0019	3.115	0.0100	3.032	0.1599	0.0681	28	0.52	1%	0
019.41	Calcium, ICP, Dry ash (%)	0358	3.115	0.0300	3.032	0.1599	0.0681	28	0.52	1%	0
019.41	Calcium, ICP, Dry ash (%)	0074	3.145	0.1900	3.032	0.1599	0.0681	28	0.71	2%	0
019.41	Calcium, ICP, Dry ash (%)	0598	3.180	0.0010	3.032	0.1599	0.0681	28	0.92	2%	0
019.41	Calcium, ICP, Dry ash (%)	0098	3.180	0.0800	3.032	0.1599	0.0681	28	0.93	2%	0
019.41	Calcium, ICP, Dry ash (%)	0226	3.240	0.0200	3.032	0.1599	0.0681	28	1.30	3%	0
019.41	Calcium, ICP, Dry ash (%)	0619	3.330	0.0400	3.032	0.1599	0.0681	28	1.86	5%	0
019.41	Calcium, ICP, Dry ash (%)	0520	3.775	0.0500	3.032	0.1599	0.0681	28	4.65	12%	0
019.41	Calcium, ICP, Dry ash (%)	0407	3.349	0.3443	3.032	0.1599	0.0681	28	1.98	5%	1
019.42	Calcium, ICP, Open vessel (%)	2129	2.530	0.1190	3.085	0.1881	0.1051	18	-2.95	9%	0
019.42	Calcium, ICP, Open vessel (%)	0294	2.645	0.0900	3.085	0.1881	0.1051	18	-2.34	7%	0
019.42	Calcium, ICP, Open vessel (%)	0026	2.860	0.3640	3.085	0.1881	0.1051	18	-1.20	4%	0
019.42	Calcium, ICP, Open vessel (%)	0366	2.890	0.0000	3.085	0.1881	0.1051	18	-1.04	3%	0
019.42	Calcium, ICP, Open vessel (%)	0870	2.952	0.1990	3.085	0.1881	0.1051	18	-0.71	2%	0
019.42	Calcium, ICP, Open vessel (%)	0009	3.055	0.2700	3.085	0.1881	0.1051	18	-0.16	0%	0
019.42	Calcium, ICP, Open vessel (%)	0263	3.056	0.0117	3.085	0.1881	0.1051	18	-0.15	0%	0
019.42	Calcium, ICP, Open vessel (%)	0693	3.060	0.0840	3.085	0.1881	0.1051	18	-0.13	0%	0
019.42	Calcium, ICP, Open vessel (%)	0042	3.100	0.0400	3.085	0.1881	0.1051	18	0.08	0%	0
019.42	Calcium, ICP, Open vessel (%)	0265	3.130	0.2000	3.085	0.1881	0.1051	18	0.24	1%	0
019.42	Calcium, ICP, Open vessel (%)	0278	3.135	0.0100	3.085	0.1881	0.1051	18	0.27	1%	0
019.42	Calcium, ICP, Open vessel (%)	0035	3.165	0.0900	3.085	0.1881	0.1051	18	0.43	1%	0
019.42	Calcium, ICP, Open vessel (%)	0045	3.190	0.1600	3.085	0.1881	0.1051	18	0.56	2%	0
019.42	Calcium, ICP, Open vessel (%)	0726	3.226	0.0060	3.085	0.1881	0.1051	18	0.75	2%	0
019.42	Calcium, ICP, Open vessel (%)	0357	3.234	0.0502	3.085	0.1881	0.1051	18	0.79	2%	0
019.42	Calcium, ICP, Open vessel (%)	0190	3.235	0.0500	3.085	0.1881	0.1051	18	0.80	2%	0
019.42	Calcium, ICP, Open vessel (%)	0037	3.268	0.0170	3.085	0.1881	0.1051	18	0.97	3%	0
019.42	Calcium, ICP, Open vessel (%)	2053	3.465	0.1300	3.085	0.1881	0.1051	18	2.02	6%	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 (%)	0036	2.831	0.0191	3.028	0.1396	0.0621	24	-1.41	3%	0
019.43	Calcium, ICP, Microwave (%)	0345	2.880	0.0600	3.028	0.1396	0.0621	24	-1.06	2%	0
019.43	Calcium, ICP, Microwave (%)	0006	2.885	0.0360	3.028	0.1396	0.0621	24	-1.03	2%	0
019.43	Calcium, ICP, Microwave (%)	0505	2.895	0.0500	3.028	0.1396	0.0621	24	-0.95	2%	0
019.43	Calcium, ICP, Microwave (%)	0089	2.915	0.0100	3.028	0.1396	0.0621	24	-0.81	2%	0
019.43	Calcium, ICP, Microwave (%)	0675	2.920	0.0200	3.028	0.1396	0.0621	24	-0.77	2%	0
019.43	Calcium, ICP, Microwave (%)	2089	2.935	0.0100	3.028	0.1396	0.0621	24	-0.67	2%	0
019.43	Calcium, ICP, Microwave (%)	0032	2.940	0.1430	3.028	0.1396	0.0621	24	-0.63	1%	0
019.43	Calcium, ICP, Microwave (%)	0010	2.940	0.1000	3.028	0.1396	0.0621	24	-0.63	1%	0
019.43	Calcium, ICP, Microwave (%)	0017	2.946	0.1930	3.028	0.1396	0.0621	24	-0.59	1%	0
019.43	Calcium, ICP, Microwave (%)	0610	2.950	0.0200	3.028	0.1396	0.0621	24	-0.56	1%	0
019.43	Calcium, ICP, Microwave (%)	0968	3.012	0.0230	3.028	0.1396	0.0621	24	-0.12	0%	0
019.43	Calcium, ICP, Microwave (%)	0297	3.040	0.1800	3.028	0.1396	0.0621	24	0.09	0%	0
019.43	Calcium, ICP, Microwave (%)	0033	3.045	0.0900	3.028	0.1396	0.0621	24	0.12	0%	0
019.43	Calcium, ICP, Microwave (%)	0083	3.085	0.0500	3.028	0.1396	0.0621	24	0.41	1%	0
019.43	Calcium, ICP, Microwave (%)	0425	3.085	0.0300	3.028	0.1396	0.0621	24	0.41	1%	0
019.43	Calcium, ICP, Microwave (%)	0918	3.089	0.0430	3.028	0.1396	0.0621	24	0.43	1%	0
019.43	Calcium, ICP, Microwave (%)	0407	3.130	0.1995	3.028	0.1396	0.0621	24	0.73	2%	0
019.43	Calcium, ICP, Microwave (%)	0035	3.155	0.0100	3.028	0.1396	0.0621	24	0.91	2%	0
019.43	Calcium, ICP, Microwave (%)	0202	3.170	0.0800	3.028	0.1396	0.0621	24	1.02	2%	0
019.43	Calcium, ICP, Microwave (%)	0682	3.180	0.0000	3.028	0.1396	0.0621	24	1.09	3%	0
019.43	Calcium, ICP, Microwave (%)	0027	3.197	0.0640	3.028	0.1396	0.0621	24	1.21	3%	0
019.43	Calcium, ICP, Microwave (%)	0510	3.215	0.0300	3.028	0.1396	0.0621	24	1.34	3%	0
019.43	Calcium, ICP, Microwave (%)	0353	3.345	0.0300	3.028	0.1396	0.0621	24	2.27	5%	0
019.43	Calcium, ICP, Microwave (%)	0098	3.370	0.3400	3.028	0.1396	0.0621	24	2.45	6%	1
019.44	Calcium, ICP, Dry ash (%)	0164	2.890	0.0400				1			0
019.52	Calcium, ICP-MS, Open vessel (%)	0154	2.753	0.0343				3			0
019.52	Calcium, ICP-MS, Open vessel (%)	0560	3.080	0.1301				3			0
019.52	Calcium, ICP-MS, Open vessel (%)	0047	3.370	0.0200				3			0
019.53	Calcium, ICP-MS, Microwave (%)	0572	2.885	0.0700				3			0
019.53	Calcium, ICP-MS, Microwave (%)	0939	2.905	0.1300				3			0
019.53	Calcium, ICP-MS, Microwave (%)	0553	2.985	0.0900				3			0
019.99	Calcium, Miscellaneous (%)	0590	2.920	0.0400	3.009	0.1151	0.0900	5			0
019.99	Calcium, Miscellaneous (%)	0242	2.930	0.0200	3.009	0.1151	0.0900	5			0
019.99	Calcium, Miscellaneous (%)	0868	2.935	0.0500	3.009	0.1151	0.0900	5			0
019.99	Calcium, Miscellaneous (%)	0676	3.085	0.1100	3.009	0.1151	0.0900	5			0
019.99	Calcium, Miscellaneous (%)	0100	3.175	0.2300	3.009	0.1151	0.0900	5			0
021.31	Cobalt, AAS, Dry ash (ppm)	0689	0.7000	0.0000				3			0
021.31	Cobalt, AAS, Dry ash (ppm)	0164	1.050	0.1000				3			0
021.31	Cobalt, AAS, Dry ash (ppm)	0939	1.280	0.0400				3			0
021.41	Cobalt, ICP, Dry ash (ppm)	0619	0.6315	0.0230				2			0
021.41	Cobalt, ICP, Dry ash (ppm)	0407	1.252	0.0380				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			
021.42	Cobalt, ICP, Open vessel (ppm)	0693	0.3045	0.0550				2			0
021.42	Cobalt, ICP, Open vessel (ppm)	0045	1.160	0.1800				2			0
021.43	Cobalt, ICP, Microwave (ppm)	0345	0.8000	0.0400	1.151	0.2527	0.0468	4			0
021.43	Cobalt, ICP, Microwave (ppm)	0169	1.165	0.0100	1.151	0.2527	0.0468	4			0
021.43	Cobalt, ICP, Microwave (ppm)	0510	1.245	0.0300	1.151	0.2527	0.0468	4			0
021.43	Cobalt, ICP, Microwave (ppm)	0407	1.395	0.1071	1.151	0.2527	0.0468	4			0
021.43	Cobalt, ICP, Microwave (ppm)	0353	1.533	0.3300	1.151	0.2527	0.0468	4			1
021.43	Cobalt, ICP, Microwave (ppm)	0682	< 1		1.151	0.2527	0.0468	4			5
021.52	Cobalt, ICP-MS, Open vessel (ppm)	0910	0.8000	0.1000				3			0
021.52	Cobalt, ICP-MS, Open vessel (ppm)	0186	0.9685	0.0410				3			0
021.52	Cobalt, ICP-MS, Open vessel (ppm)	0560	0.9850	0.0900				3			0
021.53	Cobalt, ICP-MS, Microwave (ppm)	0918	0.9223	0.0154				3			0
021.53	Cobalt, ICP-MS, Microwave (ppm)	0939	1.155	0.0700				3			0
021.53	Cobalt, ICP-MS, Microwave (ppm)	0553	1.160	0.0600				3			0
022.31	Copper, AAS, Dry ash (ppm)	2248	55.88	0.0000	69.27	4.211	0.7815	14	-3.18	10%	0
022.31	Copper, AAS, Dry ash (ppm)	0939	65.15	0.1600	69.27	4.211	0.7815	14	-0.98	3%	0
022.31	Copper, AAS, Dry ash (ppm)	0536	66.05	0.8000	69.27	4.211	0.7815	14	-0.76	2%	0
022.31	Copper, AAS, Dry ash (ppm)	0689	66.10	1.800	69.27	4.211	0.7815	14	-0.75	2%	0
022.31	Copper, AAS, Dry ash (ppm)	0884	67.80	0.2000	69.27	4.211	0.7815	14	-0.35	1%	0
022.31	Copper, AAS, Dry ash (ppm)	2062	68.25	0.3000	69.27	4.211	0.7815	14	-0.24	1%	0
022.31	Copper, AAS, Dry ash (ppm)	0651	68.57	0.2900	69.27	4.211	0.7815	14	-0.17	1%	0
022.31	Copper, AAS, Dry ash (ppm)	2097	69.40	0.6000	69.27	4.211	0.7815	14	0.03	0%	0
022.31	Copper, AAS, Dry ash (ppm)	0563	69.65	2.597	69.27	4.211	0.7815	14	0.09	0%	0
022.31	Copper, AAS, Dry ash (ppm)	0622	70.30	3.194	69.27	4.211	0.7815	14	0.24	1%	0
022.31	Copper, AAS, Dry ash (ppm)	0175	72.00	0.0000	69.27	4.211	0.7815	14	0.65	2%	0
022.31	Copper, AAS, Dry ash (ppm)	0529	72.40	1.000	69.27	4.211	0.7815	14	0.74	2%	0
022.31	Copper, AAS, Dry ash (ppm)	2196	75.70	0.0000	69.27	4.211	0.7815	14	1.53	5%	0
022.31	Copper, AAS, Dry ash (ppm)	2188	89.00	0.0000	69.27	4.211	0.7815	14	4.69	14%	0
022.31	Copper, AAS, Dry ash (ppm)	0868	65.85	5.510	69.27	4.211	0.7815	14	-0.81	2%	1
022.32	Copper, AAS, Open vessel (ppm)	0038	73.98	2.520				1			0
022.33	Copper, AAS, Microwave (ppm)	0948	64.81	5.908				2			0
022.33	Copper, AAS, Microwave (ppm)	0010	81.55	9.700				2			0
022.41	Copper, ICP, Dry ash (ppm)	0520	60.00	12.00	67.85	3.956	3.438	21	-1.98	6%	0
022.41	Copper, ICP, Dry ash (ppm)	0171	62.85	1.170	67.85	3.956	3.438	21	-1.26	4%	0
022.41	Copper, ICP, Dry ash (ppm)	0619	63.85	8.700	67.85	3.956	3.438	21	-1.01	3%	0
022.41	Copper, ICP, Dry ash (ppm)	0405	64.38	3.990	67.85	3.956	3.438	21	-0.88	3%	0
022.41	Copper, ICP, Dry ash (ppm)	0511	65.00	4.000	67.85	3.956	3.438	21	-0.72	2%	0
022.41	Copper, ICP, Dry ash (ppm)	0653	65.05	3.420	67.85	3.956	3.438	21	-0.71	2%	0
022.41	Copper, ICP, Dry ash (ppm)	0148	65.65	4.500	67.85	3.956	3.438	21	-0.56	2%	0
022.41	Copper, ICP, Dry ash (ppm)	0910	66.00	2.000	67.85	3.956	3.438	21	-0.47	1%	0
022.41	Copper, ICP, Dry ash (ppm)	0407	66.30	2.163	67.85	3.956	3.438	21	-0.39	1%	0
022.41	Copper, ICP, Dry ash (ppm)	0049	66.38	3.530	67.85	3.956	3.438	21	-0.37	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	
022.41	Copper, ICP, Dry ash (ppm)	0003	67.50	1.000	67.85	3.956	3.438	21	-0.09	0%	0
022.41	Copper, ICP, Dry ash (ppm)	0878	69.00	2.000	67.85	3.956	3.438	21	0.29	1%	0
022.41	Copper, ICP, Dry ash (ppm)	0004	69.37	0.9900	67.85	3.956	3.438	21	0.38	1%	0
022.41	Copper, ICP, Dry ash (ppm)	0598	69.43	0.3800	67.85	3.956	3.438	21	0.40	1%	0
022.41	Copper, ICP, Dry ash (ppm)	0229	70.19	0.3500	67.85	3.956	3.438	21	0.59	2%	0
022.41	Copper, ICP, Dry ash (ppm)	0354	70.25	0.4300	67.85	3.956	3.438	21	0.61	2%	0
022.41	Copper, ICP, Dry ash (ppm)	0226	70.29	5.410	67.85	3.956	3.438	21	0.62	2%	0
022.41	Copper, ICP, Dry ash (ppm)	0098	71.74	7.790	67.85	3.956	3.438	21	0.98	3%	0
022.41	Copper, ICP, Dry ash (ppm)	0019	72.40	1.700	67.85	3.956	3.438	21	1.15	3%	0
022.41	Copper, ICP, Dry ash (ppm)	0074	73.50	5.000	67.85	3.956	3.438	21	1.43	4%	0
022.41	Copper, ICP, Dry ash (ppm)	0358	77.49	1.670	67.85	3.956	3.438	21	2.44	7%	0
022.42	Copper, ICP, Open vessel (ppm)	0685	40.38	0.0100	69.64	6.623	2.950	19	-4.42	21%	0
022.42	Copper, ICP, Open vessel (ppm)	0366	61.00	2.000	69.64	6.623	2.950	19	-1.31	6%	0
022.42	Copper, ICP, Open vessel (ppm)	0265	62.30	10.60	69.64	6.623	2.950	19	-1.11	5%	0
022.42	Copper, ICP, Open vessel (ppm)	0278	62.80	4.000	69.64	6.623	2.950	19	-1.03	5%	0
022.42	Copper, ICP, Open vessel (ppm)	0726	66.99	0.0200	69.64	6.623	2.950	19	-0.40	2%	0
022.42	Copper, ICP, Open vessel (ppm)	0294	67.44	0.2800	69.64	6.623	2.950	19	-0.33	2%	0
022.42	Copper, ICP, Open vessel (ppm)	0263	67.45	0.0600	69.64	6.623	2.950	19	-0.33	2%	0
022.42	Copper, ICP, Open vessel (ppm)	0026	67.45	0.3460	69.64	6.623	2.950	19	-0.33	2%	0
022.42	Copper, ICP, Open vessel (ppm)	0045	68.75	4.500	69.64	6.623	2.950	19	-0.13	1%	0
022.42	Copper, ICP, Open vessel (ppm)	0870	69.34	1.330	69.64	6.623	2.950	19	-0.05	0%	0
022.42	Copper, ICP, Open vessel (ppm)	0009	69.35	3.300	69.64	6.623	2.950	19	-0.04	0%	0
022.42	Copper, ICP, Open vessel (ppm)	0035	71.00	2.000	69.64	6.623	2.950	19	0.20	1%	0
022.42	Copper, ICP, Open vessel (ppm)	0357	71.12	0.0530	69.64	6.623	2.950	19	0.22	1%	0
022.42	Copper, ICP, Open vessel (ppm)	0693	72.30	8.611	69.64	6.623	2.950	19	0.40	2%	0
022.42	Copper, ICP, Open vessel (ppm)	0037	74.85	1.300	69.64	6.623	2.950	19	0.79	4%	0
022.42	Copper, ICP, Open vessel (ppm)	0190	75.17	0.8400	69.64	6.623	2.950	19	0.83	4%	0
022.42	Copper, ICP, Open vessel (ppm)	0042	78.15	7.100	69.64	6.623	2.950	19	1.28	6%	0
022.42	Copper, ICP, Open vessel (ppm)	2053	78.75	6.300	69.64	6.623	2.950	19	1.38	7%	0
022.42	Copper, ICP, Open vessel (ppm)	0186	79.30	3.400	69.64	6.623	2.950	19	1.46	7%	0
022.43	Copper, ICP, Microwave (ppm)	0345	2.880	0.0600	69.37	4.563	2.450	20	-14.57	48%	0
022.43	Copper, ICP, Microwave (ppm)	0169	62.70	2.000	69.37	4.563	2.450	20	-1.46	5%	0
022.43	Copper, ICP, Microwave (ppm)	0918	63.18	2.230	69.37	4.563	2.450	20	-1.36	4%	0
022.43	Copper, ICP, Microwave (ppm)	2089	65.58	0.0100	69.37	4.563	2.450	20	-0.83	3%	0
022.43	Copper, ICP, Microwave (ppm)	0353	67.00	2.000	69.37	4.563	2.450	20	-0.52	2%	0
022.43	Copper, ICP, Microwave (ppm)	0297	68.00	2.000	69.37	4.563	2.450	20	-0.30	1%	0
022.43	Copper, ICP, Microwave (ppm)	0098	68.61	0.2700	69.37	4.563	2.450	20	-0.17	1%	0
022.43	Copper, ICP, Microwave (ppm)	0202	68.68	8.360	69.37	4.563	2.450	20	-0.15	1%	0
022.43	Copper, ICP, Microwave (ppm)	0035	69.00	0.0000	69.37	4.563	2.450	20	-0.08	0%	0
022.43	Copper, ICP, Microwave (ppm)	0033	69.15	2.300	69.37	4.563	2.450	20	-0.05	0%	0
022.43	Copper, ICP, Microwave (ppm)	0505	69.36	5.890	69.37	4.563	2.450	20	0.00	0%	0
022.43	Copper, ICP, Microwave (ppm)	0027	69.99	1.977	69.37	4.563	2.450	20	0.14	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
022.43	Copper, ICP, Microwave (ppm)	0407	70.07	9.171	69.37	4.563	2.450	20	0.15	1%	0
022.43	Copper, ICP, Microwave (ppm)	0682	70.60	0.0000	69.37	4.563	2.450	20	0.27	1%	0
022.43	Copper, ICP, Microwave (ppm)	0083	71.00	2.000	69.37	4.563	2.450	20	0.36	1%	0
022.43	Copper, ICP, Microwave (ppm)	0968	71.50	1.000	69.37	4.563	2.450	20	0.47	2%	0
022.43	Copper, ICP, Microwave (ppm)	0017	72.11	2.104	69.37	4.563	2.450	20	0.60	2%	0
022.43	Copper, ICP, Microwave (ppm)	0510	76.00	2.000	69.37	4.563	2.450	20	1.45	5%	0
022.43	Copper, ICP, Microwave (ppm)	0032	84.01	4.820	69.37	4.563	2.450	20	3.21	11%	0
022.43	Copper, ICP, Microwave (ppm)	0675	84.74	0.8100	69.37	4.563	2.450	20	3.37	11%	0
022.43	Copper, ICP, Microwave (ppm)	0610	80.80	16.60	69.37	4.563	2.450	20	2.50	8%	1
022.44	Copper, ICP, Dry ash (ppm)	0066	69.18	1.200				2			0
022.44	Copper, ICP, Dry ash (ppm)	0164	72.00	0.0000				2			0
022.52	Copper, ICP-MS, Open vessel (ppm)	0560	69.00	2.200				3			0
022.52	Copper, ICP-MS, Open vessel (ppm)	0047	69.62	3.530				3			0
022.52	Copper, ICP-MS, Open vessel (ppm)	0186	72.70	4.600				3			0
022.53	Copper, ICP-MS, Microwave (ppm)	0572	61.45	4.100	66.52	4.048	3.010	4			0
022.53	Copper, ICP-MS, Microwave (ppm)	0553	65.05	3.100	66.52	4.048	3.010	4			0
022.53	Copper, ICP-MS, Microwave (ppm)	0300	69.63	3.680	66.52	4.048	3.010	4			0
022.53	Copper, ICP-MS, Microwave (ppm)	0939	69.93	1.160	66.52	4.048	3.010	4			0
022.99	Copper, Miscellaneous (ppm)	2129	57.17	6.770	66.98	6.971	2.418	4			0
022.99	Copper, Miscellaneous (ppm)	0100	67.00	0.0000	66.98	6.971	2.418	4			0
022.99	Copper, Miscellaneous (ppm)	0242	71.00	0.0000	66.98	6.971	2.418	4			0
022.99	Copper, Miscellaneous (ppm)	0590	72.75	2.900	66.98	6.971	2.418	4			0
025.31	Iron, AAS, Dry ash (ppm)	0689	534.0	7.100	954.6	116.3	18.63	19	-3.62	22%	0
025.31	Iron, AAS, Dry ash (ppm)	0874	741.5	29.00	954.6	116.3	18.63	19	-1.83	11%	0
025.31	Iron, AAS, Dry ash (ppm)	0038	807.0	28.00	954.6	116.3	18.63	19	-1.27	8%	0
025.31	Iron, AAS, Dry ash (ppm)	0505	859.8	60.40	954.6	116.3	18.63	19	-0.82	5%	0
025.31	Iron, AAS, Dry ash (ppm)	0529	867.6	24.70	954.6	116.3	18.63	19	-0.75	5%	0
025.31	Iron, AAS, Dry ash (ppm)	0939	891.0	4.000	954.6	116.3	18.63	19	-0.55	3%	0
025.31	Iron, AAS, Dry ash (ppm)	0868	950.0	12.00	954.6	116.3	18.63	19	-0.04	0%	0
025.31	Iron, AAS, Dry ash (ppm)	2196	950.0	0.0000	954.6	116.3	18.63	19	-0.04	0%	0
025.31	Iron, AAS, Dry ash (ppm)	2062	954.4	6.300	954.6	116.3	18.63	19	0.00	0%	0
025.31	Iron, AAS, Dry ash (ppm)	0175	963.5	23.00	954.6	116.3	18.63	19	0.08	0%	0
025.31	Iron, AAS, Dry ash (ppm)	0622	979.4	10.62	954.6	116.3	18.63	19	0.21	1%	0
025.31	Iron, AAS, Dry ash (ppm)	0651	981.2	0.0000	954.6	116.3	18.63	19	0.23	1%	0
025.31	Iron, AAS, Dry ash (ppm)	0563	983.1	23.09	954.6	116.3	18.63	19	0.25	1%	0
025.31	Iron, AAS, Dry ash (ppm)	0001	998.2	27.70	954.6	116.3	18.63	19	0.37	2%	0
025.31	Iron, AAS, Dry ash (ppm)	2188	1,043	0.0000	954.6	116.3	18.63	19	0.76	5%	0
025.31	Iron, AAS, Dry ash (ppm)	2022	1,049	6.000	954.6	116.3	18.63	19	0.81	5%	0
025.31	Iron, AAS, Dry ash (ppm)	0536	1,070	70.15	954.6	116.3	18.63	19	0.99	6%	0
025.31	Iron, AAS, Dry ash (ppm)	0884	1,101	21.90	954.6	116.3	18.63	19	1.26	8%	0
025.31	Iron, AAS, Dry ash (ppm)	2248	1,310	0.0500	954.6	116.3	18.63	19	3.06	19%	0
025.34	Iron, AAS, Dry ash (ppm)	2022	921.0	2.000				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	
025.41	Iron, ICP, Dry ash (ppm)	0405	700.0	22.82	901.9	85.41	20.34	23	-2.36	11%	0
025.41	Iron, ICP, Dry ash (ppm)	0619	722.0	56.00	901.9	85.41	20.34	23	-2.11	10%	0
025.41	Iron, ICP, Dry ash (ppm)	0123	774.5	21.00	901.9	85.41	20.34	23	-1.49	7%	0
025.41	Iron, ICP, Dry ash (ppm)	0598	778.3	8.400	901.9	85.41	20.34	23	-1.45	7%	0
025.41	Iron, ICP, Dry ash (ppm)	0354	842.5	9.590	901.9	85.41	20.34	23	-0.70	3%	0
025.41	Iron, ICP, Dry ash (ppm)	0226	859.0	16.97	901.9	85.41	20.34	23	-0.50	2%	0
025.41	Iron, ICP, Dry ash (ppm)	0910	877.5	45.00	901.9	85.41	20.34	23	-0.29	1%	0
025.41	Iron, ICP, Dry ash (ppm)	0066	879.4	7.160	901.9	85.41	20.34	23	-0.26	1%	0
025.41	Iron, ICP, Dry ash (ppm)	0653	887.6	7.400	901.9	85.41	20.34	23	-0.17	1%	0
025.41	Iron, ICP, Dry ash (ppm)	0878	890.0	40.00	901.9	85.41	20.34	23	-0.14	1%	0
025.41	Iron, ICP, Dry ash (ppm)	0003	893.5	13.00	901.9	85.41	20.34	23	-0.10	0%	0
025.41	Iron, ICP, Dry ash (ppm)	0407	903.4	41.56	901.9	85.41	20.34	23	0.02	0%	0
025.41	Iron, ICP, Dry ash (ppm)	0511	925.0	14.00	901.9	85.41	20.34	23	0.27	1%	0
025.41	Iron, ICP, Dry ash (ppm)	0164	933.0	6.000	901.9	85.41	20.34	23	0.36	2%	0
025.41	Iron, ICP, Dry ash (ppm)	0004	933.3	9.520	901.9	85.41	20.34	23	0.37	2%	0
025.41	Iron, ICP, Dry ash (ppm)	0098	935.7	15.70	901.9	85.41	20.34	23	0.40	2%	0
025.41	Iron, ICP, Dry ash (ppm)	0358	956.4	40.69	901.9	85.41	20.34	23	0.64	3%	0
025.41	Iron, ICP, Dry ash (ppm)	0148	958.5	3.000	901.9	85.41	20.34	23	0.66	3%	0
025.41	Iron, ICP, Dry ash (ppm)	0049	963.4	30.69	901.9	85.41	20.34	23	0.72	3%	0
025.41	Iron, ICP, Dry ash (ppm)	0019	985.1	8.300	901.9	85.41	20.34	23	0.97	5%	0
025.41	Iron, ICP, Dry ash (ppm)	0074	998.5	35.00	901.9	85.41	20.34	23	1.13	5%	0
025.41	Iron, ICP, Dry ash (ppm)	0229	1,001	11.10	901.9	85.41	20.34	23	1.17	6%	0
025.41	Iron, ICP, Dry ash (ppm)	0171	1,020	5.000	901.9	85.41	20.34	23	1.38	7%	0
025.41	Iron, ICP, Dry ash (ppm)	0520	790.0	100.0	901.9	85.41	20.34	23	-1.31	6%	1
025.42	Iron, ICP, Open vessel (ppm)	0278	158.5	3.000	842.2	147.6	31.64	14	-4.63	41%	0
025.42	Iron, ICP, Open vessel (ppm)	0726	557.9	3.200	842.2	147.6	31.64	14	-1.93	17%	0
025.42	Iron, ICP, Open vessel (ppm)	0190	721.4	8.560	842.2	147.6	31.64	14	-0.82	7%	0
025.42	Iron, ICP, Open vessel (ppm)	0294	747.2	14.28	842.2	147.6	31.64	14	-0.64	6%	0
025.42	Iron, ICP, Open vessel (ppm)	0263	814.7	15.45	842.2	147.6	31.64	14	-0.19	2%	0
025.42	Iron, ICP, Open vessel (ppm)	0037	857.0	123.7	842.2	147.6	31.64	14	0.10	1%	0
025.42	Iron, ICP, Open vessel (ppm)	0042	864.0	78.00	842.2	147.6	31.64	14	0.15	1%	0
025.42	Iron, ICP, Open vessel (ppm)	0366	866.0	18.00	842.2	147.6	31.64	14	0.16	1%	0
025.42	Iron, ICP, Open vessel (ppm)	0045	872.0	4.000	842.2	147.6	31.64	14	0.20	2%	0
025.42	Iron, ICP, Open vessel (ppm)	0026	876.1	77.14	842.2	147.6	31.64	14	0.23	2%	0
025.42	Iron, ICP, Open vessel (ppm)	0870	907.2	2.100	842.2	147.6	31.64	14	0.44	4%	0
025.42	Iron, ICP, Open vessel (ppm)	0693	935.5	76.54	842.2	147.6	31.64	14	0.63	6%	0
025.42	Iron, ICP, Open vessel (ppm)	0035	1,044	9.000	842.2	147.6	31.64	14	1.36	12%	0
025.42	Iron, ICP, Open vessel (ppm)	2053	1,045	10.00	842.2	147.6	31.64	14	1.37	12%	0
025.42	Iron, ICP, Open vessel (ppm)	0265	536.0	212.0	842.2	147.6	31.64	14	-2.07	18%	1
025.43	Iron, ICP, Microwave (ppm)	0610	794.5	23.00	919.1	70.94	18.70	21	-1.76	7%	0
025.43	Iron, ICP, Microwave (ppm)	0345	817.5	15.00	919.1	70.94	18.70	21	-1.43	6%	0
025.43	Iron, ICP, Microwave (ppm)	0675	826.5	15.54	919.1	70.94	18.70	21	-1.31	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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025.43	Iron, ICP, Microwave (ppm)	0425	850.8	6.200	919.1	70.94	18.70	21	-0.96	4%	0
025.43	Iron, ICP, Microwave (ppm)	2089	863.3	54.05	919.1	70.94	18.70	21	-0.79	3%	0
025.43	Iron, ICP, Microwave (ppm)	0169	875.5	23.00	919.1	70.94	18.70	21	-0.61	2%	0
025.43	Iron, ICP, Microwave (ppm)	0968	896.0	6.000	919.1	70.94	18.70	21	-0.33	1%	0
025.43	Iron, ICP, Microwave (ppm)	0083	898.0	26.00	919.1	70.94	18.70	21	-0.30	1%	0
025.43	Iron, ICP, Microwave (ppm)	0918	898.8	10.22	919.1	70.94	18.70	21	-0.29	1%	0
025.43	Iron, ICP, Microwave (ppm)	0006	905.0	50.00	919.1	70.94	18.70	21	-0.20	1%	0
025.43	Iron, ICP, Microwave (ppm)	0353	925.5	7.000	919.1	70.94	18.70	21	0.09	0%	0
025.43	Iron, ICP, Microwave (ppm)	0033	942.0	20.00	919.1	70.94	18.70	21	0.32	1%	0
025.43	Iron, ICP, Microwave (ppm)	0017	951.9	0.5710	919.1	70.94	18.70	21	0.46	2%	0
025.43	Iron, ICP, Microwave (ppm)	0407	954.8	36.09	919.1	70.94	18.70	21	0.50	2%	0
025.43	Iron, ICP, Microwave (ppm)	0032	961.0	43.80	919.1	70.94	18.70	21	0.59	2%	0
025.43	Iron, ICP, Microwave (ppm)	0098	965.9	5.500	919.1	70.94	18.70	21	0.66	3%	0
025.43	Iron, ICP, Microwave (ppm)	0297	966.0	22.00	919.1	70.94	18.70	21	0.66	3%	0
025.43	Iron, ICP, Microwave (ppm)	0027	966.2	6.806	919.1	70.94	18.70	21	0.66	3%	0
025.43	Iron, ICP, Microwave (ppm)	0510	972.5	5.000	919.1	70.94	18.70	21	0.75	3%	0
025.43	Iron, ICP, Microwave (ppm)	0035	1,032	17.00	919.1	70.94	18.70	21	1.58	6%	0
025.43	Iron, ICP, Microwave (ppm)	0682	1,039	0.0000	919.1	70.94	18.70	21	1.69	7%	0
025.52	Iron, ICP-MS, Open vessel (ppm)	0154	455.6	24.76				2			0
025.52	Iron, ICP-MS, Open vessel (ppm)	0047	786.4	40.00				2			0
025.53	Iron, ICP-MS, Microwave (ppm)	0553	937.5	25.00				2			0
025.53	Iron, ICP-MS, Microwave (ppm)	0939	970.0	18.00				2			0
025.99	Iron, Miscellaneous (ppm)	2144	898.4	2.110				3			0
025.99	Iron, Miscellaneous (ppm)	0242	942.5	17.00				3			0
025.99	Iron, Miscellaneous (ppm)	0100	993.5	5.000				3			0
025.99	Iron, Miscellaneous (ppm)	2129	768.8	90.70				3			1
027.31	Magnesium, AAS, Dry ash (%)	0038	0.1944	0.0024	0.2114	0.0113	0.0032	17	-1.50	4%	0
027.31	Magnesium, AAS, Dry ash (%)	2248	0.1950	0.0100	0.2114	0.0113	0.0032	17	-1.45	4%	0
027.31	Magnesium, AAS, Dry ash (%)	0529	0.1985	0.0090	0.2114	0.0113	0.0032	17	-1.14	3%	0
027.31	Magnesium, AAS, Dry ash (%)	0921	0.1995	0.0030	0.2114	0.0113	0.0032	17	-1.05	3%	0
027.31	Magnesium, AAS, Dry ash (%)	0142	0.2057	0.0009	0.2114	0.0113	0.0032	17	-0.51	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0868	0.2100	0.0000	0.2114	0.0113	0.0032	17	-0.12	0%	0
027.31	Magnesium, AAS, Dry ash (%)	0884	0.2100	0.0000	0.2114	0.0113	0.0032	17	-0.12	0%	0
027.31	Magnesium, AAS, Dry ash (%)	0939	0.2100	0.0000	0.2114	0.0113	0.0032	17	-0.12	0%	0
027.31	Magnesium, AAS, Dry ash (%)	0563	0.2131	0.0010	0.2114	0.0113	0.0032	17	0.15	0%	0
027.31	Magnesium, AAS, Dry ash (%)	0874	0.2135	0.0050	0.2114	0.0113	0.0032	17	0.19	0%	0
027.31	Magnesium, AAS, Dry ash (%)	0175	0.2150	0.0100	0.2114	0.0113	0.0032	17	0.32	1%	0
027.31	Magnesium, AAS, Dry ash (%)	2022	0.2185	0.0010	0.2114	0.0113	0.0032	17	0.63	2%	0
027.31	Magnesium, AAS, Dry ash (%)	0536	0.2200	0.0000	0.2114	0.0113	0.0032	17	0.76	2%	0
027.31	Magnesium, AAS, Dry ash (%)	0689	0.2200	0.0000	0.2114	0.0113	0.0032	17	0.76	2%	0
027.31	Magnesium, AAS, Dry ash (%)	2196	0.2200	0.0000	0.2114	0.0113	0.0032	17	0.76	2%	0
027.31	Magnesium, AAS, Dry ash (%)	0001	0.2221	0.0011	0.2114	0.0113	0.0032	17	0.94	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			
027.31	Magnesium, AAS, Dry ash (%)	0622	0.2671	0.0110	0.2114	0.0113	0.0032	17	4.91	13%	0
027.32	Magnesium, AAS, Open vessel (%)	0169	0.2150	0.0100				1			0
027.33	Magnesium, AAS, Microwave (%)	0948	0.2135	0.0010				3			0
027.33	Magnesium, AAS, Microwave (%)	2178	0.2141	0.0074				3			0
027.33	Magnesium, AAS, Microwave (%)	0018	0.2350	0.0000				3			0
027.41	Magnesium, ICP, Dry ash (%)	0229	0.1820	0.0040	0.2134	0.0127	0.0061	23	-2.48	7%	0
027.41	Magnesium, ICP, Dry ash (%)	0520	0.1850	0.0300	0.2134	0.0127	0.0061	23	-2.24	7%	0
027.41	Magnesium, ICP, Dry ash (%)	0910	0.2000	0.0000	0.2134	0.0127	0.0061	23	-1.06	3%	0
027.41	Magnesium, ICP, Dry ash (%)	0407	0.2013	0.0316	0.2134	0.0127	0.0061	23	-0.96	3%	0
027.41	Magnesium, ICP, Dry ash (%)	0066	0.2025	0.0030	0.2134	0.0127	0.0061	23	-0.86	3%	0
027.41	Magnesium, ICP, Dry ash (%)	0148	0.2045	0.0030	0.2134	0.0127	0.0061	23	-0.70	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0003	0.2050	0.0100	0.2134	0.0127	0.0061	23	-0.66	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0049	0.2050	0.0100	0.2134	0.0127	0.0061	23	-0.66	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0004	0.2100	0.0000	0.2134	0.0127	0.0061	23	-0.27	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0878	0.2100	0.0200	0.2134	0.0127	0.0061	23	-0.27	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0226	0.2150	0.0100	0.2134	0.0127	0.0061	23	0.12	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0511	0.2150	0.0100	0.2134	0.0127	0.0061	23	0.12	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0598	0.2155	0.0004	0.2134	0.0127	0.0061	23	0.16	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0074	0.2160	0.0000	0.2134	0.0127	0.0061	23	0.20	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0139	0.2192	0.0010	0.2134	0.0127	0.0061	23	0.46	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0019	0.2200	0.0000	0.2134	0.0127	0.0061	23	0.52	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0354	0.2200	0.0000	0.2134	0.0127	0.0061	23	0.52	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0171	0.2205	0.0010	0.2134	0.0127	0.0061	23	0.56	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0619	0.2215	0.0010	0.2134	0.0127	0.0061	23	0.64	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0653	0.2265	0.0010	0.2134	0.0127	0.0061	23	1.03	3%	0
027.41	Magnesium, ICP, Dry ash (%)	0098	0.2300	0.0000	0.2134	0.0127	0.0061	23	1.31	4%	0
027.41	Magnesium, ICP, Dry ash (%)	0358	0.2300	0.0000	0.2134	0.0127	0.0061	23	1.31	4%	0
027.41	Magnesium, ICP, Dry ash (%)	0405	0.2330	0.0040	0.2134	0.0127	0.0061	23	1.54	5%	0
027.42	Magnesium, ICP, Open vessel (%)	0685	0.1350	0.0100	0.2071	0.0156	0.0087	20	-4.61	17%	0
027.42	Magnesium, ICP, Open vessel (%)	0870	0.1899	0.0134	0.2071	0.0156	0.0087	20	-1.10	4%	0
027.42	Magnesium, ICP, Open vessel (%)	0294	0.1900	0.0000	0.2071	0.0156	0.0087	20	-1.09	4%	0
027.42	Magnesium, ICP, Open vessel (%)	0026	0.1905	0.0130	0.2071	0.0156	0.0087	20	-1.06	4%	0
027.42	Magnesium, ICP, Open vessel (%)	2129	0.1907	0.0016	0.2071	0.0156	0.0087	20	-1.05	4%	0
027.42	Magnesium, ICP, Open vessel (%)	0278	0.2000	0.0200	0.2071	0.0156	0.0087	20	-0.45	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0357	0.2028	0.0013	0.2071	0.0156	0.0087	20	-0.28	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0045	0.2035	0.0010	0.2071	0.0156	0.0087	20	-0.23	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0265	0.2050	0.0100	0.2071	0.0156	0.0087	20	-0.13	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0366	0.2050	0.0100	0.2071	0.0156	0.0087	20	-0.13	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0009	0.2055	0.0310	0.2071	0.0156	0.0087	20	-0.10	0%	0
027.42	Magnesium, ICP, Open vessel (%)	0035	0.2100	0.0000	0.2071	0.0156	0.0087	20	0.19	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0263	0.2108	0.0004	0.2071	0.0156	0.0087	20	0.24	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0190	0.2150	0.0100	0.2071	0.0156	0.0087	20	0.51	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			
027.42	Magnesium, ICP, Open vessel (%)	0726	0.2157	0.0005	0.2071	0.0156	0.0087	20	0.55	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0693	0.2160	0.0200	0.2071	0.0156	0.0087	20	0.57	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0042	0.2240	0.0180	0.2071	0.0156	0.0087	20	1.08	4%	0
027.42	Magnesium, ICP, Open vessel (%)	2053	0.2240	0.0060	0.2071	0.0156	0.0087	20	1.08	4%	0
027.42	Magnesium, ICP, Open vessel (%)	0186	0.2290	0.0060	0.2071	0.0156	0.0087	20	1.40	5%	0
027.42	Magnesium, ICP, Open vessel (%)	0037	0.2375	0.0010	0.2071	0.0156	0.0087	20	1.95	7%	0
027.43	Magnesium, ICP, Microwave (%)	0345	0.1935	0.0030	0.2092	0.0115	0.0057	22	-1.37	4%	0
027.43	Magnesium, ICP, Microwave (%)	0083	0.1950	0.0100	0.2092	0.0115	0.0057	22	-1.24	3%	0
027.43	Magnesium, ICP, Microwave (%)	0202	0.1950	0.0100	0.2092	0.0115	0.0057	22	-1.24	3%	0
027.43	Magnesium, ICP, Microwave (%)	0032	0.1994	0.0057	0.2092	0.0115	0.0057	22	-0.86	2%	0
027.43	Magnesium, ICP, Microwave (%)	0089	0.2000	0.0000	0.2092	0.0115	0.0057	22	-0.81	2%	0
027.43	Magnesium, ICP, Microwave (%)	0510	0.2000	0.0000	0.2092	0.0115	0.0057	22	-0.81	2%	0
027.43	Magnesium, ICP, Microwave (%)	0610	0.2000	0.0000	0.2092	0.0115	0.0057	22	-0.81	2%	0
027.43	Magnesium, ICP, Microwave (%)	0017	0.2040	0.0020	0.2092	0.0115	0.0057	22	-0.46	1%	0
027.43	Magnesium, ICP, Microwave (%)	0035	0.2050	0.0100	0.2092	0.0115	0.0057	22	-0.37	1%	0
027.43	Magnesium, ICP, Microwave (%)	0006	0.2055	0.0010	0.2092	0.0115	0.0057	22	-0.33	1%	0
027.43	Magnesium, ICP, Microwave (%)	0968	0.2085	0.0010	0.2092	0.0115	0.0057	22	-0.06	0%	0
027.43	Magnesium, ICP, Microwave (%)	0033	0.2100	0.0000	0.2092	0.0115	0.0057	22	0.07	0%	0
027.43	Magnesium, ICP, Microwave (%)	0675	0.2100	0.0000	0.2092	0.0115	0.0057	22	0.07	0%	0
027.43	Magnesium, ICP, Microwave (%)	0918	0.2135	0.0010	0.2092	0.0115	0.0057	22	0.37	1%	0
027.43	Magnesium, ICP, Microwave (%)	0027	0.2165	0.0050	0.2092	0.0115	0.0057	22	0.63	2%	0
027.43	Magnesium, ICP, Microwave (%)	0098	0.2200	0.0000	0.2092	0.0115	0.0057	22	0.94	3%	0
027.43	Magnesium, ICP, Microwave (%)	0297	0.2200	0.0200	0.2092	0.0115	0.0057	22	0.94	3%	0
027.43	Magnesium, ICP, Microwave (%)	0353	0.2200	0.0200	0.2092	0.0115	0.0057	22	0.94	3%	0
027.43	Magnesium, ICP, Microwave (%)	0425	0.2200	0.0000	0.2092	0.0115	0.0057	22	0.94	3%	0
027.43	Magnesium, ICP, Microwave (%)	2089	0.2200	0.0000	0.2092	0.0115	0.0057	22	0.94	3%	0
027.43	Magnesium, ICP, Microwave (%)	0407	0.2208	0.0366	0.2092	0.0115	0.0057	22	1.01	3%	0
027.43	Magnesium, ICP, Microwave (%)	0682	0.2400	0.0000	0.2092	0.0115	0.0057	22	2.68	7%	0
027.43	Magnesium, ICP, Microwave (%)	0505	0.6850	1.010	0.2092	0.0115	0.0057	22	41.49	114%	2
027.44	Magnesium, ICP, Dry ash (%)	0164	0.2140	0.0120				1			0
027.52	Magnesium, ICP-MS, Open vessel (%)	0154	0.1969	0.0046	0.2147	0.0148	0.0088	4			0
027.52	Magnesium, ICP-MS, Open vessel (%)	0560	0.2087	0.0024	0.2147	0.0148	0.0088	4			0
027.52	Magnesium, ICP-MS, Open vessel (%)	0186	0.2230	0.0080	0.2147	0.0148	0.0088	4			0
027.52	Magnesium, ICP-MS, Open vessel (%)	0047	0.2300	0.0200	0.2147	0.0148	0.0088	4			0
027.53	Magnesium, ICP-MS, Microwave (%)	0572	0.2020	0.0060	0.2126	0.0121	0.0068	4			0
027.53	Magnesium, ICP-MS, Microwave (%)	0300	0.2080	0.0100	0.2126	0.0121	0.0068	4			0
027.53	Magnesium, ICP-MS, Microwave (%)	0553	0.2105	0.0110	0.2126	0.0121	0.0068	4			0
027.53	Magnesium, ICP-MS, Microwave (%)	0939	0.2300	0.0000	0.2126	0.0121	0.0068	4			0
027.99	Magnesium, Miscellaneous (%)	0242	0.2000	0.0000	0.2100	0.0082	0.0000	4			0
027.99	Magnesium, Miscellaneous (%)	0590	0.2100	0.0000	0.2100	0.0082	0.0000	4			0
027.99	Magnesium, Miscellaneous (%)	2144	0.2100	0.0000	0.2100	0.0082	0.0000	4			0
027.99	Magnesium, Miscellaneous (%)	0100	0.2200	0.0000	0.2100	0.0082	0.0000	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	
028.31	Manganese, AAS, Dry ash (ppm)	2248	120.4	0.0000	159.6	8.716	1.649	15	-4.50	12%	0
028.31	Manganese, AAS, Dry ash (ppm)	0689	134.3	0.8000	159.6	8.716	1.649	15	-2.90	8%	0
028.31	Manganese, AAS, Dry ash (ppm)	2022	149.5	1.000	159.6	8.716	1.649	15	-1.16	3%	0
028.31	Manganese, AAS, Dry ash (ppm)	0001	154.3	1.600	159.6	8.716	1.649	15	-0.61	2%	0
028.31	Manganese, AAS, Dry ash (ppm)	2097	156.8	1.500	159.6	8.716	1.649	15	-0.32	1%	0
028.31	Manganese, AAS, Dry ash (ppm)	0563	159.3	4.479	159.6	8.716	1.649	15	-0.03	0%	0
028.31	Manganese, AAS, Dry ash (ppm)	0939	159.5	4.970	159.6	8.716	1.649	15	-0.01	0%	0
028.31	Manganese, AAS, Dry ash (ppm)	2196	160.9	0.0000	159.6	8.716	1.649	15	0.15	0%	0
028.31	Manganese, AAS, Dry ash (ppm)	0884	161.4	0.0000	159.6	8.716	1.649	15	0.21	1%	0
028.31	Manganese, AAS, Dry ash (ppm)	0536	161.6	1.800	159.6	8.716	1.649	15	0.23	1%	0
028.31	Manganese, AAS, Dry ash (ppm)	0868	165.0	0.0000	159.6	8.716	1.649	15	0.62	2%	0
028.31	Manganese, AAS, Dry ash (ppm)	0175	166.0	8.000	159.6	8.716	1.649	15	0.74	2%	0
028.31	Manganese, AAS, Dry ash (ppm)	2062	166.5	0.5000	159.6	8.716	1.649	15	0.79	2%	0
028.31	Manganese, AAS, Dry ash (ppm)	0651	168.7	0.0800	159.6	8.716	1.649	15	1.05	3%	0
028.31	Manganese, AAS, Dry ash (ppm)	2188	171.3	0.0000	159.6	8.716	1.649	15	1.34	4%	0
028.31	Manganese, AAS, Dry ash (ppm)	0529	161.4	17.80	159.6	8.716	1.649	15	0.21	1%	1
028.32	Manganese, AAS, Open vessel (ppm)	0038	166.5	3.000				1			0
028.33	Manganese, AAS, Microwave (ppm)	0948	159.8	8.229				1			0
028.41	Manganese, ICP, Dry ash (ppm)	0226	126.2	7.240	152.4	15.58	6.579	21	-1.68	9%	0
028.41	Manganese, ICP, Dry ash (ppm)	0619	130.0	8.000	152.4	15.58	6.579	21	-1.44	7%	0
028.41	Manganese, ICP, Dry ash (ppm)	0520	132.0	20.00	152.4	15.58	6.579	21	-1.31	7%	0
028.41	Manganese, ICP, Dry ash (ppm)	0653	138.4	2.700	152.4	15.58	6.579	21	-0.90	5%	0
028.41	Manganese, ICP, Dry ash (ppm)	0910	144.0	10.00	152.4	15.58	6.579	21	-0.54	3%	0
028.41	Manganese, ICP, Dry ash (ppm)	0405	144.7	0.9300	152.4	15.58	6.579	21	-0.49	3%	0
028.41	Manganese, ICP, Dry ash (ppm)	0354	145.0	1.200	152.4	15.58	6.579	21	-0.48	2%	0
028.41	Manganese, ICP, Dry ash (ppm)	0049	146.1	11.14	152.4	15.58	6.579	21	-0.41	2%	0
028.41	Manganese, ICP, Dry ash (ppm)	0407	150.9	2.310	152.4	15.58	6.579	21	-0.10	1%	0
028.41	Manganese, ICP, Dry ash (ppm)	0511	152.0	18.00	152.4	15.58	6.579	21	-0.03	0%	0
028.41	Manganese, ICP, Dry ash (ppm)	0004	153.8	2.790	152.4	15.58	6.579	21	0.09	0%	0
028.41	Manganese, ICP, Dry ash (ppm)	0598	154.2	1.200	152.4	15.58	6.579	21	0.11	1%	0
028.41	Manganese, ICP, Dry ash (ppm)	0148	154.5	9.000	152.4	15.58	6.579	21	0.13	1%	0
028.41	Manganese, ICP, Dry ash (ppm)	0878	155.0	4.000	152.4	15.58	6.579	21	0.17	1%	0
028.41	Manganese, ICP, Dry ash (ppm)	0229	159.8	7.000	152.4	15.58	6.579	21	0.47	2%	0
028.41	Manganese, ICP, Dry ash (ppm)	0003	161.5	5.000	152.4	15.58	6.579	21	0.58	3%	0
028.41	Manganese, ICP, Dry ash (ppm)	0171	161.6	0.7000	152.4	15.58	6.579	21	0.59	3%	0
028.41	Manganese, ICP, Dry ash (ppm)	0074	163.5	3.000	152.4	15.58	6.579	21	0.71	4%	0
028.41	Manganese, ICP, Dry ash (ppm)	0019	173.2	0.6000	152.4	15.58	6.579	21	1.33	7%	0
028.41	Manganese, ICP, Dry ash (ppm)	0098	177.4	13.60	152.4	15.58	6.579	21	1.60	8%	0
028.41	Manganese, ICP, Dry ash (ppm)	0358	179.7	9.740	152.4	15.58	6.579	21	1.75	9%	0
028.42	Manganese, ICP, Open vessel (ppm)	0685	66.19	0.0100	162.2	14.62	3.842	19	-6.56	30%	0
028.42	Manganese, ICP, Open vessel (ppm)	0366	147.5	3.000	162.2	14.62	3.842	19	-1.00	5%	0
028.42	Manganese, ICP, Open vessel (ppm)	0263	149.9	1.910	162.2	14.62	3.842	19	-0.84	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			
028.42	Manganese, ICP, Open vessel (ppm)	0045	151.5	1.000	162.2	14.62	3.842	19	-0.73	3%	0
028.42	Manganese, ICP, Open vessel (ppm)	0278	151.5	7.000	162.2	14.62	3.842	19	-0.73	3%	0
028.42	Manganese, ICP, Open vessel (ppm)	0026	151.8	7.403	162.2	14.62	3.842	19	-0.71	3%	0
028.42	Manganese, ICP, Open vessel (ppm)	0870	153.5	1.300	162.2	14.62	3.842	19	-0.60	3%	0
028.42	Manganese, ICP, Open vessel (ppm)	0693	153.8	2.263	162.2	14.62	3.842	19	-0.58	3%	0
028.42	Manganese, ICP, Open vessel (ppm)	0009	159.0	0.0000	162.2	14.62	3.842	19	-0.22	1%	0
028.42	Manganese, ICP, Open vessel (ppm)	0357	162.7	0.9300	162.2	14.62	3.842	19	0.03	0%	0
028.42	Manganese, ICP, Open vessel (ppm)	0042	163.0	14.00	162.2	14.62	3.842	19	0.06	0%	0
028.42	Manganese, ICP, Open vessel (ppm)	0265	163.5	3.000	162.2	14.62	3.842	19	0.09	0%	0
028.42	Manganese, ICP, Open vessel (ppm)	2053	165.5	3.000	162.2	14.62	3.842	19	0.23	1%	0
028.42	Manganese, ICP, Open vessel (ppm)	0190	172.3	5.000	162.2	14.62	3.842	19	0.69	3%	0
028.42	Manganese, ICP, Open vessel (ppm)	0294	174.6	9.480	162.2	14.62	3.842	19	0.85	4%	0
028.42	Manganese, ICP, Open vessel (ppm)	0726	175.8	0.3000	162.2	14.62	3.842	19	0.93	4%	0
028.42	Manganese, ICP, Open vessel (ppm)	0035	177.5	5.000	162.2	14.62	3.842	19	1.05	5%	0
028.42	Manganese, ICP, Open vessel (ppm)	0186	185.0	8.000	162.2	14.62	3.842	19	1.56	7%	0
028.42	Manganese, ICP, Open vessel (ppm)	0037	186.3	0.4000	162.2	14.62	3.842	19	1.65	7%	0
028.43	Manganese, ICP, Microwave (ppm)	0345	146.7	6.700	160.6	10.78	5.221	22	-1.29	4%	0
028.43	Manganese, ICP, Microwave (ppm)	0505	147.5	3.300	160.6	10.78	5.221	22	-1.22	4%	0
028.43	Manganese, ICP, Microwave (ppm)	0918	148.3	2.360	160.6	10.78	5.221	22	-1.13	4%	0
028.43	Manganese, ICP, Microwave (ppm)	0610	151.0	6.000	160.6	10.78	5.221	22	-0.89	3%	0
028.43	Manganese, ICP, Microwave (ppm)	0033	152.5	7.000	160.6	10.78	5.221	22	-0.75	3%	0
028.43	Manganese, ICP, Microwave (ppm)	0510	152.5	1.000	160.6	10.78	5.221	22	-0.75	3%	0
028.43	Manganese, ICP, Microwave (ppm)	0297	153.0	8.000	160.6	10.78	5.221	22	-0.70	2%	0
028.43	Manganese, ICP, Microwave (ppm)	0425	155.5	3.500	160.6	10.78	5.221	22	-0.47	2%	0
028.43	Manganese, ICP, Microwave (ppm)	0017	155.9	11.95	160.6	10.78	5.221	22	-0.43	1%	0
028.43	Manganese, ICP, Microwave (ppm)	0675	157.0	5.020	160.6	10.78	5.221	22	-0.33	1%	0
028.43	Manganese, ICP, Microwave (ppm)	0407	157.2	2.573	160.6	10.78	5.221	22	-0.31	1%	0
028.43	Manganese, ICP, Microwave (ppm)	0353	158.5	3.000	160.6	10.78	5.221	22	-0.19	1%	0
028.43	Manganese, ICP, Microwave (ppm)	0169	164.5	5.000	160.6	10.78	5.221	22	0.37	1%	0
028.43	Manganese, ICP, Microwave (ppm)	0032	165.4	7.000	160.6	10.78	5.221	22	0.45	2%	0
028.43	Manganese, ICP, Microwave (ppm)	0083	166.0	2.000	160.6	10.78	5.221	22	0.51	2%	0
028.43	Manganese, ICP, Microwave (ppm)	2089	166.2	7.960	160.6	10.78	5.221	22	0.53	2%	0
028.43	Manganese, ICP, Microwave (ppm)	0682	166.3	0.0000	160.6	10.78	5.221	22	0.53	2%	0
028.43	Manganese, ICP, Microwave (ppm)	0202	170.4	0.2700	160.6	10.78	5.221	22	0.91	3%	0
028.43	Manganese, ICP, Microwave (ppm)	0035	171.0	0.0000	160.6	10.78	5.221	22	0.97	3%	0
028.43	Manganese, ICP, Microwave (ppm)	0968	173.5	3.000	160.6	10.78	5.221	22	1.20	4%	0
028.43	Manganese, ICP, Microwave (ppm)	0027	178.5	14.62	160.6	10.78	5.221	22	1.66	6%	0
028.43	Manganese, ICP, Microwave (ppm)	0098	178.7	14.60	160.6	10.78	5.221	22	1.68	6%	0
028.44	Manganese, ICP, Dry ash (ppm)	0066	142.2	3.470				2			0
028.44	Manganese, ICP, Dry ash (ppm)	0164	163.0	6.000				2			0
028.52	Manganese, ICP-MS, Open vessel (ppm)	0560	151.4	7.900				3			0
028.52	Manganese, ICP-MS, Open vessel (ppm)	0047	154.2	11.60				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			
028.52	Manganese, ICP-MS, Open vessel (ppm)	0186	182.0	14.00				3			0
028.53	Manganese, ICP-MS, Microwave (ppm)	0572	156.5	9.000				2			0
028.53	Manganese, ICP-MS, Microwave (ppm)	0939	166.0	6.000				2			0
028.99	Manganese, Miscellaneous (ppm)	2129	131.0	0.6000	159.0	19.47	2.650	4			0
028.99	Manganese, Miscellaneous (ppm)	0242	160.5	7.000	159.0	19.47	2.650	4			0
028.99	Manganese, Miscellaneous (ppm)	0100	172.0	2.000	159.0	19.47	2.650	4			0
028.99	Manganese, Miscellaneous (ppm)	0590	172.5	1.000	159.0	19.47	2.650	4			0
031.00	Phosphorus, Vol (%)	0893	0.9600	0.0800				1			0
031.01	Phosphorus, Photometric (%)	0108	0.7250	0.0500	0.9211	0.0252	0.0166	39	-7.78	11%	0
031.01	Phosphorus, Photometric (%)	2199	0.7880	0.0160	0.9211	0.0252	0.0166	39	-5.28	7%	0
031.01	Phosphorus, Photometric (%)	0511	0.8600	0.0800	0.9211	0.0252	0.0166	39	-2.42	3%	0
031.01	Phosphorus, Photometric (%)	2248	0.8650	0.0300	0.9211	0.0252	0.0166	39	-2.23	3%	0
031.01	Phosphorus, Photometric (%)	0626	0.8765	0.0510	0.9211	0.0252	0.0166	39	-1.77	2%	0
031.01	Phosphorus, Photometric (%)	0016	0.8930	0.0320	0.9211	0.0252	0.0166	39	-1.12	2%	0
031.01	Phosphorus, Photometric (%)	2181	0.8950	0.0100	0.9211	0.0252	0.0166	39	-1.04	1%	0
031.01	Phosphorus, Photometric (%)	0142	0.8959	0.0177	0.9211	0.0252	0.0166	39	-1.00	1%	0
031.01	Phosphorus, Photometric (%)	0874	0.9030	0.0300	0.9211	0.0252	0.0166	39	-0.72	1%	0
031.01	Phosphorus, Photometric (%)	0175	0.9050	0.0300	0.9211	0.0252	0.0166	39	-0.64	1%	0
031.01	Phosphorus, Photometric (%)	2058	0.9100	0.0000	0.9211	0.0252	0.0166	39	-0.44	1%	0
031.01	Phosphorus, Photometric (%)	2193	0.9100	0.0000	0.9211	0.0252	0.0166	39	-0.44	1%	0
031.01	Phosphorus, Photometric (%)	2190	0.9148	0.0005	0.9211	0.0252	0.0166	39	-0.25	0%	0
031.01	Phosphorus, Photometric (%)	0689	0.9150	0.0100	0.9211	0.0252	0.0166	39	-0.24	0%	0
031.01	Phosphorus, Photometric (%)	0563	0.9179	0.0016	0.9211	0.0252	0.0166	39	-0.13	0%	0
031.01	Phosphorus, Photometric (%)	0038	0.9185	0.0127	0.9211	0.0252	0.0166	39	-0.11	0%	0
031.01	Phosphorus, Photometric (%)	2196	0.9190	0.0000	0.9211	0.0252	0.0166	39	-0.08	0%	0
031.01	Phosphorus, Photometric (%)	0884	0.9200	0.0200	0.9211	0.0252	0.0166	39	-0.04	0%	0
031.01	Phosphorus, Photometric (%)	2022	0.9200	0.0000	0.9211	0.0252	0.0166	39	-0.04	0%	0
031.01	Phosphorus, Photometric (%)	2246	0.9200	0.0000	0.9211	0.0252	0.0166	39	-0.04	0%	0
031.01	Phosphorus, Photometric (%)	0529	0.9250	0.0100	0.9211	0.0252	0.0166	39	0.15	0%	0
031.01	Phosphorus, Photometric (%)	0683	0.9250	0.0300	0.9211	0.0252	0.0166	39	0.15	0%	0
031.01	Phosphorus, Photometric (%)	0651	0.9265	0.0050	0.9211	0.0252	0.0166	39	0.21	0%	0
031.01	Phosphorus, Photometric (%)	0881	0.9275	0.0270	0.9211	0.0252	0.0166	39	0.25	0%	0
031.01	Phosphorus, Photometric (%)	2144	0.9300	0.0400	0.9211	0.0252	0.0166	39	0.35	0%	0
031.01	Phosphorus, Photometric (%)	0897	0.9300	0.0000	0.9211	0.0252	0.0166	39	0.35	0%	0
031.01	Phosphorus, Photometric (%)	0018	0.9315	0.0290	0.9211	0.0252	0.0166	39	0.41	1%	0
031.01	Phosphorus, Photometric (%)	2006	0.9325	0.0110	0.9211	0.0252	0.0166	39	0.45	1%	0
031.01	Phosphorus, Photometric (%)	0622	0.9394	0.0018	0.9211	0.0252	0.0166	39	0.72	1%	0
031.01	Phosphorus, Photometric (%)	2109	0.9395	0.0350	0.9211	0.0252	0.0166	39	0.73	1%	0
031.01	Phosphorus, Photometric (%)	0885	0.9433	0.0140	0.9211	0.0252	0.0166	39	0.88	1%	0
031.01	Phosphorus, Photometric (%)	0590	0.9450	0.0100	0.9211	0.0252	0.0166	39	0.95	1%	0
031.01	Phosphorus, Photometric (%)	0948	0.9450	0.0100	0.9211	0.0252	0.0166	39	0.95	1%	0
031.01	Phosphorus, Photometric (%)	2097	0.9462	0.0058	0.9211	0.0252	0.0166	39	0.99	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 (%)	2009	0.9464	0.0013	0.9211	0.0252	0.0166	39	1.00	1%	0
031.01	Phosphorus, Photometric (%)	0878	0.9500	0.0200	0.9211	0.0252	0.0166	39	1.14	2%	0
031.01	Phosphorus, Photometric (%)	2188	0.9500	0.0000	0.9211	0.0252	0.0166	39	1.14	2%	0
031.01	Phosphorus, Photometric (%)	0868	0.9600	0.0000	0.9211	0.0252	0.0166	39	1.54	2%	0
031.01	Phosphorus, Photometric (%)	0849	0.9675	0.0050	0.9211	0.0252	0.0166	39	1.84	3%	0
031.01	Phosphorus, Photometric (%)	0687	0.9500	0.1000	0.9211	0.0252	0.0166	39	1.14	2%	1
031.01	Phosphorus, Photometric (%)	2062	0.4638	0.0015	0.9211	0.0252	0.0166	39	-18.13	25%	2
031.02	Phosphorus, GQMP (AOAC 935.13-Extraction) (%)	0505	0.8600	0.0200				2			0
031.02	Phosphorus, GQMP (AOAC 935.13-Extraction) (%)	0043	0.9475	0.0010				2			0
031.03	Phosphorus, Autoanalyzer (%)	0169	0.9150	0.0100				3			0
031.03	Phosphorus, Autoanalyzer (%)	0036	0.9289	0.0256				3			0
031.03	Phosphorus, Autoanalyzer (%)	0001	0.9375	0.0110				3			0
031.06	Phosphorus, Hach Method (%)	0536	0.9600	0.1800				1			0
031.41	Phosphorus, ICP, Dry ash (%)	0405	0.7910	0.0020	0.9418	0.0576	0.0235	25	-2.62	8%	0
031.41	Phosphorus, ICP, Dry ash (%)	0685	0.7950	0.0100	0.9418	0.0576	0.0235	25	-2.55	8%	0
031.41	Phosphorus, ICP, Dry ash (%)	0910	0.8600	0.0400	0.9418	0.0576	0.0235	25	-1.42	4%	0
031.41	Phosphorus, ICP, Dry ash (%)	2259	0.8955	0.0650	0.9418	0.0576	0.0235	25	-0.80	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0019	0.9050	0.0100	0.9418	0.0576	0.0235	25	-0.64	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0004	0.9100	0.0200	0.9418	0.0576	0.0235	25	-0.55	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0148	0.9105	0.0110	0.9418	0.0576	0.0235	25	-0.54	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0144	0.9150	0.0100	0.9418	0.0576	0.0235	25	-0.47	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0229	0.9175	0.0050	0.9418	0.0576	0.0235	25	-0.42	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0653	0.9220	0.0020	0.9418	0.0576	0.0235	25	-0.34	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0049	0.9300	0.0800	0.9418	0.0576	0.0235	25	-0.20	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0407	0.9331	0.0536	0.9418	0.0576	0.0235	25	-0.15	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0139	0.9335	0.0130	0.9418	0.0576	0.0235	25	-0.14	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0123	0.9350	0.0500	0.9418	0.0576	0.0235	25	-0.12	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0354	0.9450	0.0100	0.9418	0.0576	0.0235	25	0.06	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0358	0.9550	0.0300	0.9418	0.0576	0.0235	25	0.23	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0226	0.9600	0.0200	0.9418	0.0576	0.0235	25	0.32	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0298	0.9600	0.0200	0.9418	0.0576	0.0235	25	0.32	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0171	0.9700	0.0000	0.9418	0.0576	0.0235	25	0.49	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0619	0.9990	0.0420	0.9418	0.0576	0.0235	25	0.99	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0074	1.002	0.0210	0.9418	0.0576	0.0235	25	1.04	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0598	1.003	0.0081	0.9418	0.0576	0.0235	25	1.06	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0003	1.020	0.0400	0.9418	0.0576	0.0235	25	1.36	4%	0
031.41	Phosphorus, ICP, Dry ash (%)	0098	1.026	0.0050	0.9418	0.0576	0.0235	25	1.45	4%	0
031.41	Phosphorus, ICP, Dry ash (%)	0520	1.070	0.0200	0.9418	0.0576	0.0235	25	2.23	7%	0
031.42	Phosphorus, ICP, Open vessel (%)	0278	0.7600	0.0200	0.8852	0.0664	0.0248	18	-1.89	7%	0
031.42	Phosphorus, ICP, Open vessel (%)	0026	0.7730	0.0080	0.8852	0.0664	0.0248	18	-1.69	6%	0
031.42	Phosphorus, ICP, Open vessel (%)	0294	0.8050	0.0300	0.8852	0.0664	0.0248	18	-1.21	5%	0
031.42	Phosphorus, ICP, Open vessel (%)	2129	0.8479	0.0921	0.8852	0.0664	0.0248	18	-0.56	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			
031.42	Phosphorus, ICP, Open vessel (%)	0186	0.8600	0.0080	0.8852	0.0664	0.0248	18	-0.38	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0009	0.8610	0.0800	0.8852	0.0664	0.0248	18	-0.37	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0366	0.8650	0.0300	0.8852	0.0664	0.0248	18	-0.31	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0726	0.8716	0.0004	0.8852	0.0664	0.0248	18	-0.21	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0357	0.8749	0.0030	0.8852	0.0664	0.0248	18	-0.16	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0265	0.8750	0.0100	0.8852	0.0664	0.0248	18	-0.15	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0190	0.9050	0.0300	0.8852	0.0664	0.0248	18	0.30	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0693	0.9060	0.0220	0.8852	0.0664	0.0248	18	0.31	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0045	0.9080	0.0500	0.8852	0.0664	0.0248	18	0.34	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0870	0.9277	0.0017	0.8852	0.0664	0.0248	18	0.64	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0035	0.9550	0.0100	0.8852	0.0664	0.0248	18	1.05	4%	0
031.42	Phosphorus, ICP, Open vessel (%)	0037	0.9580	0.0080	0.8852	0.0664	0.0248	18	1.10	4%	0
031.42	Phosphorus, ICP, Open vessel (%)	0263	0.9582	0.0017	0.8852	0.0664	0.0248	18	1.10	4%	0
031.42	Phosphorus, ICP, Open vessel (%)	0042	1.009	0.0420	0.8852	0.0664	0.0248	18	1.87	7%	0
031.43	Phosphorus, ICP, Microwave (%)	0006	0.8685	0.0090	0.9428	0.0491	0.0156	24	-1.51	4%	0
031.43	Phosphorus, ICP, Microwave (%)	0010	0.8700	0.0000	0.9428	0.0491	0.0156	24	-1.48	4%	0
031.43	Phosphorus, ICP, Microwave (%)	0345	0.8780	0.0060	0.9428	0.0491	0.0156	24	-1.32	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0675	0.9000	0.0000	0.9428	0.0491	0.0156	24	-0.87	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0297	0.9050	0.0100	0.9428	0.0491	0.0156	24	-0.77	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0202	0.9100	0.0400	0.9428	0.0491	0.0156	24	-0.67	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0089	0.9200	0.0000	0.9428	0.0491	0.0156	24	-0.46	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0610	0.9200	0.0200	0.9428	0.0491	0.0156	24	-0.46	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0001	0.9220	0.0120	0.9428	0.0491	0.0156	24	-0.42	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0425	0.9300	0.0000	0.9428	0.0491	0.0156	24	-0.26	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0918	0.9345	0.0010	0.9428	0.0491	0.0156	24	-0.17	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0017	0.9450	0.0100	0.9428	0.0491	0.0156	24	0.04	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0083	0.9450	0.0100	0.9428	0.0491	0.0156	24	0.04	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0407	0.9455	0.0034	0.9428	0.0491	0.0156	24	0.05	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0027	0.9495	0.0730	0.9428	0.0491	0.0156	24	0.14	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0033	0.9550	0.0100	0.9428	0.0491	0.0156	24	0.25	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0968	0.9570	0.0040	0.9428	0.0491	0.0156	24	0.29	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0036	0.9675	0.0168	0.9428	0.0491	0.0156	24	0.50	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0682	0.9800	0.0000	0.9428	0.0491	0.0156	24	0.76	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0035	0.9900	0.0400	0.9428	0.0491	0.0156	24	0.96	3%	0
031.43	Phosphorus, ICP, Microwave (%)	2089	1.000	0.0200	0.9428	0.0491	0.0156	24	1.17	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0353	1.005	0.0100	0.9428	0.0491	0.0156	24	1.27	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0098	1.014	0.0493	0.9428	0.0491	0.0156	24	1.46	4%	0
031.43	Phosphorus, ICP, Microwave (%)	0510	1.015	0.0300	0.9428	0.0491	0.0156	24	1.47	4%	0
031.43	Phosphorus, ICP, Microwave (%)	0032	0.9255	0.1425	0.9428	0.0491	0.0156	24	-0.35	1%	1
031.44	Phosphorus, ICP, Dry ash (%)	0164	0.9225	0.0190				3			0
031.44	Phosphorus, ICP, Dry ash (%)	2152	0.9400	0.0200				3			0
031.44	Phosphorus, ICP, Dry ash (%)	0066	0.9750	0.0300				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			
031.52	Phosphorus, ICP-MS, Open vessel (%)	0154	0.7940	0.0237				3			0
031.52	Phosphorus, ICP-MS, Open vessel (%)	0560	0.8600	0.0767				3			0
031.52	Phosphorus, ICP-MS, Open vessel (%)	0186	0.8680	0.0120				3			0
031.53	Phosphorus, ICP-MS, Microwave (%)	0553	0.9350	0.0920				3			0
031.53	Phosphorus, ICP-MS, Microwave (%)	0939	0.9850	0.0100				3			0
031.53	Phosphorus, ICP-MS, Microwave (%)	0572	1.005	0.0310				3			0
031.99	Phosphorus, Miscellaneous (%)	0300	0.8850	0.0620	0.9088	0.0197	0.0355	4			0
031.99	Phosphorus, Miscellaneous (%)	0100	0.9000	0.0400	0.9088	0.0197	0.0355	4			0
031.99	Phosphorus, Miscellaneous (%)	0242	0.9250	0.0100	0.9088	0.0197	0.0355	4			0
031.99	Phosphorus, Miscellaneous (%)	0676	0.9250	0.0300	0.9088	0.0197	0.0355	4			0
032.02	Potassium, Flame Emission (%)	0884	0.8200	0.0600				1			0
032.31	Potassium, AAS, Dry ash (%)	2097	0.7238	0.0076	0.7997	0.0649	0.0152	12	-1.17	5%	0
032.31	Potassium, AAS, Dry ash (%)	0536	0.7300	0.0200	0.7997	0.0649	0.0152	12	-1.07	4%	0
032.31	Potassium, AAS, Dry ash (%)	0563	0.7371	0.0168	0.7997	0.0649	0.0152	12	-0.96	4%	0
032.31	Potassium, AAS, Dry ash (%)	0683	0.7450	0.0100	0.7997	0.0649	0.0152	12	-0.84	3%	0
032.31	Potassium, AAS, Dry ash (%)	0868	0.7950	0.0300	0.7997	0.0649	0.0152	12	-0.07	0%	0
032.31	Potassium, AAS, Dry ash (%)	0948	0.8000	0.0000	0.7997	0.0649	0.0152	12	0.00	0%	0
032.31	Potassium, AAS, Dry ash (%)	2022	0.8075	0.0290	0.7997	0.0649	0.0152	12	0.12	0%	0
032.31	Potassium, AAS, Dry ash (%)	0939	0.8100	0.0200	0.7997	0.0649	0.0152	12	0.16	1%	0
032.31	Potassium, AAS, Dry ash (%)	0142	0.8274	0.0153	0.7997	0.0649	0.0152	12	0.43	2%	0
032.31	Potassium, AAS, Dry ash (%)	0038	0.8485	0.0040	0.7997	0.0649	0.0152	12	0.75	3%	0
032.31	Potassium, AAS, Dry ash (%)	0175	0.8750	0.0100	0.7997	0.0649	0.0152	12	1.16	5%	0
032.31	Potassium, AAS, Dry ash (%)	0874	1.070	0.0200	0.7997	0.0649	0.0152	12	4.17	17%	0
032.31	Potassium, AAS, Dry ash (%)	0529	0.8600	0.0800	0.7997	0.0649	0.0152	12	0.93	4%	1
032.32	Potassium, AAS, Open vessel (%)	0169	0.8250	0.0100				1			0
032.41	Potassium, ICP, Dry ash (%)	0229	0.7140	0.0240	0.7866	0.0428	0.0210	23	-1.70	5%	0
032.41	Potassium, ICP, Dry ash (%)	0019	0.7300	0.0200	0.7866	0.0428	0.0210	23	-1.32	4%	0
032.41	Potassium, ICP, Dry ash (%)	0003	0.7400	0.0400	0.7866	0.0428	0.0210	23	-1.09	3%	0
032.41	Potassium, ICP, Dry ash (%)	0004	0.7400	0.0200	0.7866	0.0428	0.0210	23	-1.09	3%	0
032.41	Potassium, ICP, Dry ash (%)	0144	0.7450	0.0100	0.7866	0.0428	0.0210	23	-0.97	3%	0
032.41	Potassium, ICP, Dry ash (%)	0910	0.7500	0.0400	0.7866	0.0428	0.0210	23	-0.86	2%	0
032.41	Potassium, ICP, Dry ash (%)	0511	0.7550	0.0900	0.7866	0.0428	0.0210	23	-0.74	2%	0
032.41	Potassium, ICP, Dry ash (%)	0354	0.7650	0.0100	0.7866	0.0428	0.0210	23	-0.51	1%	0
032.41	Potassium, ICP, Dry ash (%)	0074	0.7840	0.0040	0.7866	0.0428	0.0210	23	-0.06	0%	0
032.41	Potassium, ICP, Dry ash (%)	0049	0.7850	0.0700	0.7866	0.0428	0.0210	23	-0.04	0%	0
032.41	Potassium, ICP, Dry ash (%)	0148	0.7855	0.0570	0.7866	0.0428	0.0210	23	-0.03	0%	0
032.41	Potassium, ICP, Dry ash (%)	0405	0.7940	0.0080	0.7866	0.0428	0.0210	23	0.17	0%	0
032.41	Potassium, ICP, Dry ash (%)	0358	0.7950	0.0100	0.7866	0.0428	0.0210	23	0.19	1%	0
032.41	Potassium, ICP, Dry ash (%)	0619	0.8030	0.0080	0.7866	0.0428	0.0210	23	0.38	1%	0
032.41	Potassium, ICP, Dry ash (%)	0653	0.8040	0.0120	0.7866	0.0428	0.0210	23	0.41	1%	0
032.41	Potassium, ICP, Dry ash (%)	0878	0.8050	0.0100	0.7866	0.0428	0.0210	23	0.43	1%	0
032.41	Potassium, ICP, Dry ash (%)	0407	0.8053	0.0046	0.7866	0.0428	0.0210	23	0.44	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			
032.41	Potassium, ICP, Dry ash (%)	0066	0.8075	0.0090	0.7866	0.0428	0.0210	23	0.49	1%	0
032.41	Potassium, ICP, Dry ash (%)	0139	0.8150	0.0100	0.7866	0.0428	0.0210	23	0.66	2%	0
032.41	Potassium, ICP, Dry ash (%)	0171	0.8150	0.0100	0.7866	0.0428	0.0210	23	0.66	2%	0
032.41	Potassium, ICP, Dry ash (%)	0598	0.8455	0.0071	0.7866	0.0428	0.0210	23	1.37	4%	0
032.41	Potassium, ICP, Dry ash (%)	0226	0.8650	0.0100	0.7866	0.0428	0.0210	23	1.83	5%	0
032.41	Potassium, ICP, Dry ash (%)	0098	0.8700	0.0000	0.7866	0.0428	0.0210	23	1.95	5%	0
032.41	Potassium, ICP, Dry ash (%)	0520	0.7200	0.1200	0.7866	0.0428	0.0210	23	-1.56	4%	1
032.42	Potassium, ICP, Open vessel (%)	0045	0.7330	0.0420	0.8060	0.0554	0.0244	18	-1.32	5%	0
032.42	Potassium, ICP, Open vessel (%)	0278	0.7350	0.0500	0.8060	0.0554	0.0244	18	-1.28	4%	0
032.42	Potassium, ICP, Open vessel (%)	2129	0.7384	0.0138	0.8060	0.0554	0.0244	18	-1.22	4%	0
032.42	Potassium, ICP, Open vessel (%)	0294	0.7700	0.0200	0.8060	0.0554	0.0244	18	-0.65	2%	0
032.42	Potassium, ICP, Open vessel (%)	0870	0.7823	0.0213	0.8060	0.0554	0.0244	18	-0.43	1%	0
032.42	Potassium, ICP, Open vessel (%)	0265	0.7850	0.0300	0.8060	0.0554	0.0244	18	-0.38	1%	0
032.42	Potassium, ICP, Open vessel (%)	0035	0.7900	0.0200	0.8060	0.0554	0.0244	18	-0.29	1%	0
032.42	Potassium, ICP, Open vessel (%)	0693	0.7910	0.0420	0.8060	0.0554	0.0244	18	-0.27	1%	0
032.42	Potassium, ICP, Open vessel (%)	0357	0.7959	0.0020	0.8060	0.0554	0.0244	18	-0.18	1%	0
032.42	Potassium, ICP, Open vessel (%)	0026	0.8025	0.0550	0.8060	0.0554	0.0244	18	-0.06	0%	0
032.42	Potassium, ICP, Open vessel (%)	0726	0.8040	0.0016	0.8060	0.0554	0.0244	18	-0.04	0%	0
032.42	Potassium, ICP, Open vessel (%)	0009	0.8110	0.0340	0.8060	0.0554	0.0244	18	0.09	0%	0
032.42	Potassium, ICP, Open vessel (%)	0042	0.8175	0.0390	0.8060	0.0554	0.0244	18	0.21	1%	0
032.42	Potassium, ICP, Open vessel (%)	0186	0.8470	0.0280	0.8060	0.0554	0.0244	18	0.74	3%	0
032.42	Potassium, ICP, Open vessel (%)	0190	0.8500	0.0200	0.8060	0.0554	0.0244	18	0.79	3%	0
032.42	Potassium, ICP, Open vessel (%)	0037	0.8775	0.0070	0.8060	0.0554	0.0244	18	1.29	4%	0
032.42	Potassium, ICP, Open vessel (%)	0366	0.9050	0.0100	0.8060	0.0554	0.0244	18	1.79	6%	0
032.42	Potassium, ICP, Open vessel (%)	0263	0.9162	0.0043	0.8060	0.0554	0.0244	18	1.99	7%	0
032.43	Potassium, ICP, Microwave (%)	0032	0.7034	0.0230	0.7968	0.0473	0.0164	24	-1.98	6%	0
032.43	Potassium, ICP, Microwave (%)	2089	0.7200	0.0400	0.7968	0.0473	0.0164	24	-1.62	5%	0
032.43	Potassium, ICP, Microwave (%)	0505	0.7350	0.0500	0.7968	0.0473	0.0164	24	-1.31	4%	0
032.43	Potassium, ICP, Microwave (%)	0345	0.7370	0.0060	0.7968	0.0473	0.0164	24	-1.26	4%	0
032.43	Potassium, ICP, Microwave (%)	0089	0.7500	0.0000	0.7968	0.0473	0.0164	24	-0.99	3%	0
032.43	Potassium, ICP, Microwave (%)	0425	0.7550	0.0300	0.7968	0.0473	0.0164	24	-0.88	3%	0
032.43	Potassium, ICP, Microwave (%)	0035	0.7750	0.0100	0.7968	0.0473	0.0164	24	-0.46	1%	0
032.43	Potassium, ICP, Microwave (%)	0083	0.7850	0.0100	0.7968	0.0473	0.0164	24	-0.25	1%	0
032.43	Potassium, ICP, Microwave (%)	0918	0.7855	0.0090	0.7968	0.0473	0.0164	24	-0.24	1%	0
032.43	Potassium, ICP, Microwave (%)	0033	0.7950	0.0100	0.7968	0.0473	0.0164	24	-0.04	0%	0
032.43	Potassium, ICP, Microwave (%)	0675	0.7950	0.0100	0.7968	0.0473	0.0164	24	-0.04	0%	0
032.43	Potassium, ICP, Microwave (%)	0682	0.8000	0.0000	0.7968	0.0473	0.0164	24	0.07	0%	0
032.43	Potassium, ICP, Microwave (%)	0027	0.8045	0.0230	0.7968	0.0473	0.0164	24	0.16	0%	0
032.43	Potassium, ICP, Microwave (%)	0353	0.8050	0.0300	0.7968	0.0473	0.0164	24	0.17	1%	0
032.43	Potassium, ICP, Microwave (%)	0098	0.8100	0.0200	0.7968	0.0473	0.0164	24	0.28	1%	0
032.43	Potassium, ICP, Microwave (%)	0297	0.8150	0.0100	0.7968	0.0473	0.0164	24	0.39	1%	0
032.43	Potassium, ICP, Microwave (%)	0610	0.8150	0.0100	0.7968	0.0473	0.0164	24	0.39	1%	0

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032.43	Potassium, ICP, Microwave (%)	0010	0.8300	0.0200	0.7968	0.0473	0.0164	24	0.70	2%	0
032.43	Potassium, ICP, Microwave (%)	0017	0.8315	0.0470	0.7968	0.0473	0.0164	24	0.74	2%	0
032.43	Potassium, ICP, Microwave (%)	0036	0.8344	0.0011	0.7968	0.0473	0.0164	24	0.80	2%	0
032.43	Potassium, ICP, Microwave (%)	0202	0.8400	0.0200	0.7968	0.0473	0.0164	24	0.91	3%	0
032.43	Potassium, ICP, Microwave (%)	0510	0.8500	0.0000	0.7968	0.0473	0.0164	24	1.13	3%	0
032.43	Potassium, ICP, Microwave (%)	0407	0.8551	0.0107	0.7968	0.0473	0.0164	24	1.23	4%	0
032.43	Potassium, ICP, Microwave (%)	0968	0.8945	0.0030	0.7968	0.0473	0.0164	24	2.07	6%	0
032.44	Potassium, ICP, Dry ash (%)	0164	0.7680	0.0020				1			0
032.52	Potassium, ICP-MS, Open vessel (%)	0154	0.6425	0.0126				3			0
032.52	Potassium, ICP-MS, Open vessel (%)	0560	0.7737	0.0194				3			0
032.52	Potassium, ICP-MS, Open vessel (%)	0186	0.8170	0.0200				3			0
032.53	Potassium, ICP-MS, Microwave (%)	0553	0.7700	0.0040				3			0
032.53	Potassium, ICP-MS, Microwave (%)	0572	0.7750	0.0340				3			0
032.53	Potassium, ICP-MS, Microwave (%)	0939	0.8450	0.0300				3			0
032.99	Potassium, Miscellaneous (%)	0590	0.6700	0.0000	0.7574	0.0610	0.0183	4			0
032.99	Potassium, Miscellaneous (%)	0100	0.7650	0.0100	0.7574	0.0610	0.0183	4			0
032.99	Potassium, Miscellaneous (%)	0242	0.7850	0.0300	0.7574	0.0610	0.0183	4			0
032.99	Potassium, Miscellaneous (%)	0001	0.8095	0.0330	0.7574	0.0610	0.0183	4			0
033.00	Salt as chloride, Sol Cl (%)	0893	1.270	0.1000	1.500	0.0636	0.0386	25	-3.62	8%	0
033.00	Salt as chloride, Sol Cl (%)	0171	1.370	0.0200	1.500	0.0636	0.0386	25	-2.05	4%	0
033.00	Salt as chloride, Sol Cl (%)	0675	1.435	0.0300	1.500	0.0636	0.0386	25	-1.03	2%	0
033.00	Salt as chloride, Sol Cl (%)	2193	1.435	0.0500	1.500	0.0636	0.0386	25	-1.03	2%	0
033.00	Salt as chloride, Sol Cl (%)	0693	1.437	0.0400	1.500	0.0636	0.0386	25	-0.99	2%	0
033.00	Salt as chloride, Sol Cl (%)	0897	1.455	0.0300	1.500	0.0636	0.0386	25	-0.71	2%	0
033.00	Salt as chloride, Sol Cl (%)	0169	1.460	0.0200	1.500	0.0636	0.0386	25	-0.63	1%	0
033.00	Salt as chloride, Sol Cl (%)	0353	1.470	0.0400	1.500	0.0636	0.0386	25	-0.48	1%	0
033.00	Salt as chloride, Sol Cl (%)	2022	1.471	0.0140	1.500	0.0636	0.0386	25	-0.46	1%	0
033.00	Salt as chloride, Sol Cl (%)	0878	1.475	0.0100	1.500	0.0636	0.0386	25	-0.40	1%	0
033.00	Salt as chloride, Sol Cl (%)	2062	1.485	0.0007	1.500	0.0636	0.0386	25	-0.23	0%	0
033.00	Salt as chloride, Sol Cl (%)	0511	1.490	0.0600	1.500	0.0636	0.0386	25	-0.16	0%	0
033.00	Salt as chloride, Sol Cl (%)	0884	1.490	0.1200	1.500	0.0636	0.0386	25	-0.16	0%	0
033.00	Salt as chloride, Sol Cl (%)	2009	1.510	0.0016	1.500	0.0636	0.0386	25	0.15	0%	0
033.00	Salt as chloride, Sol Cl (%)	0123	1.515	0.0300	1.500	0.0636	0.0386	25	0.23	0%	0
033.00	Salt as chloride, Sol Cl (%)	2076	1.520	0.1200	1.500	0.0636	0.0386	25	0.31	1%	0
033.00	Salt as chloride, Sol Cl (%)	2196	1.530	0.0000	1.500	0.0636	0.0386	25	0.47	1%	0
033.00	Salt as chloride, Sol Cl (%)	0309	1.536	0.0073	1.500	0.0636	0.0386	25	0.57	1%	0
033.00	Salt as chloride, Sol Cl (%)	0298	1.540	0.0200	1.500	0.0636	0.0386	25	0.62	1%	0
033.00	Salt as chloride, Sol Cl (%)	0366	1.550	0.0200	1.500	0.0636	0.0386	25	0.78	2%	0
033.00	Salt as chloride, Sol Cl (%)	0045	1.565	0.0700	1.500	0.0636	0.0386	25	1.02	2%	0
033.00	Salt as chloride, Sol Cl (%)	2190	1.567	0.0522	1.500	0.0636	0.0386	25	1.05	2%	0
033.00	Salt as chloride, Sol Cl (%)	0921	1.575	0.0300	1.500	0.0636	0.0386	25	1.17	2%	0
033.00	Salt as chloride, Sol Cl (%)	0881	1.590	0.0640	1.500	0.0636	0.0386	25	1.41	3%	0

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033.00	Salt as chloride, Sol Cl (%)	0539	1.673	0.0140	1.500	0.0636	0.0386	25	2.71	6%	0
033.01	Salt as chloride, Poten Cl (%)	0619	1.430	0.0200	1.528	0.0268	0.0252	27	-3.67	3%	0
033.01	Salt as chloride, Poten Cl (%)	0186	1.475	0.0100	1.528	0.0268	0.0252	27	-1.99	2%	0
033.01	Salt as chloride, Poten Cl (%)	0964	1.493	0.0060	1.528	0.0268	0.0252	27	-1.32	1%	0
033.01	Salt as chloride, Poten Cl (%)	0083	1.495	0.0100	1.528	0.0268	0.0252	27	-1.25	1%	0
033.01	Salt as chloride, Poten Cl (%)	0098	1.505	0.0100	1.528	0.0268	0.0252	27	-0.87	1%	0
033.01	Salt as chloride, Poten Cl (%)	0939	1.505	0.0700	1.528	0.0268	0.0252	27	-0.87	1%	0
033.01	Salt as chloride, Poten Cl (%)	0019	1.515	0.0700	1.528	0.0268	0.0252	27	-0.50	0%	0
033.01	Salt as chloride, Poten Cl (%)	0229	1.515	0.0100	1.528	0.0268	0.0252	27	-0.50	0%	0
033.01	Salt as chloride, Poten Cl (%)	2268	1.515	0.0900	1.528	0.0268	0.0252	27	-0.50	0%	0
033.01	Salt as chloride, Poten Cl (%)	0510	1.517	0.0000	1.528	0.0268	0.0252	27	-0.42	0%	0
033.01	Salt as chloride, Poten Cl (%)	0354	1.520	0.0000	1.528	0.0268	0.0252	27	-0.31	0%	0
033.01	Salt as chloride, Poten Cl (%)	0683	1.520	0.0000	1.528	0.0268	0.0252	27	-0.31	0%	0
033.01	Salt as chloride, Poten Cl (%)	0148	1.525	0.0100	1.528	0.0268	0.0252	27	-0.13	0%	0
033.01	Salt as chloride, Poten Cl (%)	2109	1.525	0.0320	1.528	0.0268	0.0252	27	-0.13	0%	0
033.01	Salt as chloride, Poten Cl (%)	0004	1.535	0.0100	1.528	0.0268	0.0252	27	0.25	0%	0
033.01	Salt as chloride, Poten Cl (%)	0001	1.540	0.0000	1.528	0.0268	0.0252	27	0.43	0%	0
033.01	Salt as chloride, Poten Cl (%)	0242	1.540	0.0200	1.528	0.0268	0.0252	27	0.43	0%	0
033.01	Salt as chloride, Poten Cl (%)	0948	1.540	0.0200	1.528	0.0268	0.0252	27	0.43	0%	0
033.01	Salt as chloride, Poten Cl (%)	0644	1.542	0.0000	1.528	0.0268	0.0252	27	0.51	0%	0
033.01	Salt as chloride, Poten Cl (%)	0874	1.543	0.0490	1.528	0.0268	0.0252	27	0.53	0%	0
033.01	Salt as chloride, Poten Cl (%)	0100	1.550	0.0400	1.528	0.0268	0.0252	27	0.81	1%	0
033.01	Salt as chloride, Poten Cl (%)	0175	1.550	0.0000	1.528	0.0268	0.0252	27	0.81	1%	0
033.01	Salt as chloride, Poten Cl (%)	0226	1.550	0.0800	1.528	0.0268	0.0252	27	0.81	1%	0
033.01	Salt as chloride, Poten Cl (%)	0407	1.557	0.0230	1.528	0.0268	0.0252	27	1.05	1%	0
033.01	Salt as chloride, Poten Cl (%)	0590	1.560	0.0400	1.528	0.0268	0.0252	27	1.18	1%	0
033.01	Salt as chloride, Poten Cl (%)	0164	1.565	0.0500	1.528	0.0268	0.0252	27	1.37	1%	0
033.01	Salt as chloride, Poten Cl (%)	0278	1.735	0.0100	1.528	0.0268	0.0252	27	7.72	7%	0
033.01	Salt as chloride, Poten Cl (%)	0003	1.400	0.2000	1.528	0.0268	0.0252	27	-4.79	4%	1
033.03	Salt as chloride, Quantab (%)	0726	1.380	0.0000	1.484	0.0691	0.0480	5			0
033.03	Salt as chloride, Quantab (%)	0505	1.470	0.0600	1.484	0.0691	0.0480	5			0
033.03	Salt as chloride, Quantab (%)	0190	1.490	0.1000	1.484	0.0691	0.0480	5			0
033.03	Salt as chloride, Quantab (%)	0144	1.510	0.0600	1.484	0.0691	0.0480	5			0
033.03	Salt as chloride, Quantab (%)	0265	1.570	0.0200	1.484	0.0691	0.0480	5			0
033.05	Salt as chloride, Ion Sel Electrode (%)	0689	1.520	0.0000				3			0
033.05	Salt as chloride, Ion Sel Electrode (%)	0868	1.540	0.0400				3			0
033.05	Salt as chloride, Ion Sel Electrode (%)	2043	1.880	0.0400				3			0
033.99	Salt, Miscellaneous (%)	0536	0.9000	0.0000	1.431	0.0605	0.0324	11	-8.77	19%	0
033.99	Salt, Miscellaneous (%)	0032	1.375	0.0300	1.431	0.0605	0.0324	11	-0.92	2%	0
033.99	Salt, Miscellaneous (%)	0003	1.385	0.0300	1.431	0.0605	0.0324	11	-0.76	2%	0
033.99	Salt, Miscellaneous (%)	0910	1.420	0.0800	1.431	0.0605	0.0324	11	-0.18	0%	0
033.99	Salt, Miscellaneous (%)	2181	1.420	0.0400	1.431	0.0605	0.0324	11	-0.18	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
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033.99	Salt, Miscellaneous (%)	0017	1.427	0.0590	1.431	0.0605	0.0324	11	-0.07	0%	0
033.99	Salt, Miscellaneous (%)	2073	1.435	0.0300	1.431	0.0605	0.0324	11	0.07	0%	0
033.99	Salt, Miscellaneous (%)	0682	1.450	0.0000	1.431	0.0605	0.0324	11	0.32	1%	0
033.99	Salt, Miscellaneous (%)	0358	1.465	0.0100	1.431	0.0605	0.0324	11	0.56	1%	0
033.99	Salt, Miscellaneous (%)	0027	1.502	0.0070	1.431	0.0605	0.0324	11	1.17	2%	0
033.99	Salt, Miscellaneous (%)	2144	1.595	0.0700	1.431	0.0605	0.0324	11	2.71	6%	0
034.01	Selenium, Fluor (ppm)	0038	1.495	0.0500				1			0
034.04	Selenium, AA, Hydride (ppm)	0171	1.235	0.0900	1.423	0.1318	0.1388	4			0
034.04	Selenium, AA, Hydride (ppm)	0563	1.433	0.2950	1.423	0.1318	0.1388	4			0
034.04	Selenium, AA, Hydride (ppm)	0169	1.495	0.0300	1.423	0.1318	0.1388	4			0
034.04	Selenium, AA, Hydride (ppm)	0045	1.530	0.1400	1.423	0.1318	0.1388	4			0
034.41	Selenium, ICP, Dry ash (ppm)	0148	1.450	0.0000				3			0
034.41	Selenium, ICP, Dry ash (ppm)	0619	1.590	0.1200				3			0
034.41	Selenium, ICP, Dry ash (ppm)	0407	2.615	0.0100				3			0
034.43	Selenium, ICP, Microwave (ppm)	0066	0.5510	0.0720	1.078	0.5835	0.0203	4			0
034.43	Selenium, ICP, Microwave (ppm)	0682	0.7300	0.0000	1.078	0.5835	0.0203	4			0
034.43	Selenium, ICP, Microwave (ppm)	0964	1.167	0.0070	1.078	0.5835	0.0203	4			0
034.43	Selenium, ICP, Microwave (ppm)	0968	1.862	0.0020	1.078	0.5835	0.0203	4			0
034.43	Selenium, ICP, Microwave (ppm)	0407	2.690	0.4600	1.078	0.5835	0.0203	4			1
034.52	Selenium, ICP-MS, Open vessel (ppm)	0047	1.185	0.1700				3			0
034.52	Selenium, ICP-MS, Open vessel (ppm)	0910	1.450	0.0400				3			0
034.52	Selenium, ICP-MS, Open vessel (ppm)	0186	1.620	0.0000				3			0
034.53	Selenium, ICP-MS, Microwave (ppm)	0032	1.154	0.0720	1.483	0.1420	0.0628	8	-2.32	11%	0
034.53	Selenium, ICP-MS, Microwave (ppm)	0164	1.350	0.0200	1.483	0.1420	0.0628	8	-0.94	4%	0
034.53	Selenium, ICP-MS, Microwave (ppm)	0003	1.417	0.1430	1.483	0.1420	0.0628	8	-0.47	2%	0
034.53	Selenium, ICP-MS, Microwave (ppm)	0033	1.505	0.0300	1.483	0.1420	0.0628	8	0.15	1%	0
034.53	Selenium, ICP-MS, Microwave (ppm)	0553	1.530	0.1200	1.483	0.1420	0.0628	8	0.33	2%	0
034.53	Selenium, ICP-MS, Microwave (ppm)	0939	1.590	0.1000	1.483	0.1420	0.0628	8	0.75	4%	0
034.53	Selenium, ICP-MS, Microwave (ppm)	0560	1.597	0.0020	1.483	0.1420	0.0628	8	0.80	4%	0
034.53	Selenium, ICP-MS, Microwave (ppm)	0918	1.606	0.0153	1.483	0.1420	0.0628	8	0.87	4%	0
034.99	Selenium, Miscellaneous (ppm)	0190	2.855	0.0500				1			0
035.01	Sodium, Ion-selective electrode (%)	0868	0.5825	0.0110				1			0
035.02	Sodium, Em Spect (%)	0884	0.4900	0.0000				1			0
035.05	Sodium, Flame Emission (%)	2248	0.5350	0.0100				2			0
035.05	Sodium, Flame Emission (%)	0108	0.6750	0.0100				2			0
035.31	Sodium, AAS, Dry ash (%)	0689	0.4450	0.0100	0.5464	0.0408	0.0133	16	-2.49	9%	0
035.31	Sodium, AAS, Dry ash (%)	0175	0.4800	0.0400	0.5464	0.0408	0.0133	16	-1.63	6%	0
035.31	Sodium, AAS, Dry ash (%)	2022	0.5015	0.0110	0.5464	0.0408	0.0133	16	-1.10	4%	0
035.31	Sodium, AAS, Dry ash (%)	0142	0.5135	0.0205	0.5464	0.0408	0.0133	16	-0.81	3%	0
035.31	Sodium, AAS, Dry ash (%)	0529	0.5350	0.0120	0.5464	0.0408	0.0133	16	-0.28	1%	0
035.31	Sodium, AAS, Dry ash (%)	0563	0.5393	0.0060	0.5464	0.0408	0.0133	16	-0.17	1%	0
035.31	Sodium, AAS, Dry ash (%)	0038	0.5410	0.0278	0.5464	0.0408	0.0133	16	-0.13	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
035.31	Sodium, AAS, Dry ash (%)	0622	0.5507	0.0048	0.5464	0.0408	0.0133	16	0.10	0%	0
035.31	Sodium, AAS, Dry ash (%)	0651	0.5510	0.0000	0.5464	0.0408	0.0133	16	0.11	0%	0
035.31	Sodium, AAS, Dry ash (%)	0939	0.5550	0.0100	0.5464	0.0408	0.0133	16	0.21	1%	0
035.31	Sodium, AAS, Dry ash (%)	0948	0.5650	0.0100	0.5464	0.0408	0.0133	16	0.46	2%	0
035.31	Sodium, AAS, Dry ash (%)	2097	0.5678	0.0045	0.5464	0.0408	0.0133	16	0.52	2%	0
035.31	Sodium, AAS, Dry ash (%)	2196	0.5700	0.0000	0.5464	0.0408	0.0133	16	0.58	2%	0
035.31	Sodium, AAS, Dry ash (%)	0868	0.5850	0.0100	0.5464	0.0408	0.0133	16	0.95	4%	0
035.31	Sodium, AAS, Dry ash (%)	0874	0.5900	0.0360	0.5464	0.0408	0.0133	16	1.07	4%	0
035.31	Sodium, AAS, Dry ash (%)	0683	0.6550	0.0100	0.5464	0.0408	0.0133	16	2.66	10%	0
035.31	Sodium, AAS, Dry ash (%)	0536	0.6050	0.1100	0.5464	0.0408	0.0133	16	1.44	5%	1
035.32	Sodium, AAS, Open vessel (%)	2216	0.5273	0.0075				2			0
035.32	Sodium, AAS, Open vessel (%)	0169	0.6050	0.0100				2			0
035.41	Sodium, ICP, Dry ash (%)	0520	0.4996	0.0634	0.5520	0.0366	0.0151	23	-1.43	5%	0
035.41	Sodium, ICP, Dry ash (%)	0910	0.5000	0.0200	0.5520	0.0366	0.0151	23	-1.42	5%	0
035.41	Sodium, ICP, Dry ash (%)	0148	0.5050	0.0140	0.5520	0.0366	0.0151	23	-1.28	4%	0
035.41	Sodium, ICP, Dry ash (%)	0144	0.5200	0.0000	0.5520	0.0366	0.0151	23	-0.87	3%	0
035.41	Sodium, ICP, Dry ash (%)	0229	0.5225	0.0010	0.5520	0.0366	0.0151	23	-0.80	3%	0
035.41	Sodium, ICP, Dry ash (%)	0354	0.5300	0.0000	0.5520	0.0366	0.0151	23	-0.60	2%	0
035.41	Sodium, ICP, Dry ash (%)	0019	0.5400	0.0200	0.5520	0.0366	0.0151	23	-0.33	1%	0
035.41	Sodium, ICP, Dry ash (%)	0298	0.5400	0.0200	0.5520	0.0366	0.0151	23	-0.33	1%	0
035.41	Sodium, ICP, Dry ash (%)	2152	0.5400	0.0200	0.5520	0.0366	0.0151	23	-0.33	1%	0
035.41	Sodium, ICP, Dry ash (%)	0164	0.5430	0.0060	0.5520	0.0366	0.0151	23	-0.24	1%	0
035.41	Sodium, ICP, Dry ash (%)	0598	0.5492	0.0053	0.5520	0.0366	0.0151	23	-0.08	0%	0
035.41	Sodium, ICP, Dry ash (%)	0049	0.5500	0.0200	0.5520	0.0366	0.0151	23	-0.05	0%	0
035.41	Sodium, ICP, Dry ash (%)	0171	0.5500	0.0000	0.5520	0.0366	0.0151	23	-0.05	0%	0
035.41	Sodium, ICP, Dry ash (%)	0878	0.5500	0.0200	0.5520	0.0366	0.0151	23	-0.05	0%	0
035.41	Sodium, ICP, Dry ash (%)	0653	0.5510	0.0000	0.5520	0.0366	0.0151	23	-0.03	0%	0
035.41	Sodium, ICP, Dry ash (%)	0405	0.5615	0.0150	0.5520	0.0366	0.0151	23	0.26	1%	0
035.41	Sodium, ICP, Dry ash (%)	0407	0.5737	0.0133	0.5520	0.0366	0.0151	23	0.59	2%	0
035.41	Sodium, ICP, Dry ash (%)	0358	0.5800	0.0000	0.5520	0.0366	0.0151	23	0.77	3%	0
035.41	Sodium, ICP, Dry ash (%)	0619	0.5810	0.0400	0.5520	0.0366	0.0151	23	0.79	3%	0
035.41	Sodium, ICP, Dry ash (%)	0123	0.5950	0.0300	0.5520	0.0366	0.0151	23	1.18	4%	0
035.41	Sodium, ICP, Dry ash (%)	0139	0.6000	0.0000	0.5520	0.0366	0.0151	23	1.31	4%	0
035.41	Sodium, ICP, Dry ash (%)	0098	0.6150	0.0300	0.5520	0.0366	0.0151	23	1.72	6%	0
035.41	Sodium, ICP, Dry ash (%)	0226	0.6150	0.0100	0.5520	0.0366	0.0151	23	1.72	6%	0
035.41	Sodium, ICP, Dry ash (%)	2259	0.5025	0.0870	0.5520	0.0366	0.0151	23	-1.35	4%	1
035.42	Sodium, ICP, Open vessel (%)	0294	0.5000	0.0200	0.5576	0.0379	0.0134	14	-1.52	5%	0
035.42	Sodium, ICP, Open vessel (%)	0366	0.5090	0.0060	0.5576	0.0379	0.0134	14	-1.28	4%	0
035.42	Sodium, ICP, Open vessel (%)	0278	0.5150	0.0300	0.5576	0.0379	0.0134	14	-1.12	4%	0
035.42	Sodium, ICP, Open vessel (%)	0870	0.5266	0.0214	0.5576	0.0379	0.0134	14	-0.82	3%	0
035.42	Sodium, ICP, Open vessel (%)	0035	0.5550	0.0100	0.5576	0.0379	0.0134	14	-0.07	0%	0
035.42	Sodium, ICP, Open vessel (%)	0265	0.5550	0.0100	0.5576	0.0379	0.0134	14	-0.07	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	
035.42	Sodium, ICP, Open vessel (%)	0042	0.5590	0.0080	0.5576	0.0379	0.0134	14	0.04	0%	0
035.42	Sodium, ICP, Open vessel (%)	0693	0.5600	0.0180	0.5576	0.0379	0.0134	14	0.06	0%	0
035.42	Sodium, ICP, Open vessel (%)	0045	0.5755	0.0210	0.5576	0.0379	0.0134	14	0.47	2%	0
035.42	Sodium, ICP, Open vessel (%)	0263	0.5780	0.0067	0.5576	0.0379	0.0134	14	0.54	2%	0
035.42	Sodium, ICP, Open vessel (%)	0190	0.5850	0.0100	0.5576	0.0379	0.0134	14	0.72	2%	0
035.42	Sodium, ICP, Open vessel (%)	0726	0.5860	0.0006	0.5576	0.0379	0.0134	14	0.75	3%	0
035.42	Sodium, ICP, Open vessel (%)	0037	0.5940	0.0060	0.5576	0.0379	0.0134	14	0.96	3%	0
035.42	Sodium, ICP, Open vessel (%)	0186	0.6080	0.0200	0.5576	0.0379	0.0134	14	1.33	5%	0
035.42	Sodium, ICP, Open vessel (%)	2053	0.3753	0.4274	0.5576	0.0379	0.0134	14	-4.81	16%	1
035.43	Sodium, ICP, Microwave (%)	0505	0.5000	0.0200	0.5662	0.0207	0.0112	21	-3.21	6%	0
035.43	Sodium, ICP, Microwave (%)	0345	0.5065	0.0110	0.5662	0.0207	0.0112	21	-2.89	5%	0
035.43	Sodium, ICP, Microwave (%)	0425	0.5350	0.0100	0.5662	0.0207	0.0112	21	-1.51	3%	0
035.43	Sodium, ICP, Microwave (%)	0006	0.5515	0.0230	0.5662	0.0207	0.0112	21	-0.71	1%	0
035.43	Sodium, ICP, Microwave (%)	0035	0.5550	0.0100	0.5662	0.0207	0.0112	21	-0.54	1%	0
035.43	Sodium, ICP, Microwave (%)	0297	0.5550	0.0100	0.5662	0.0207	0.0112	21	-0.54	1%	0
035.43	Sodium, ICP, Microwave (%)	0881	0.5585	0.0010	0.5662	0.0207	0.0112	21	-0.37	1%	0
035.43	Sodium, ICP, Microwave (%)	0089	0.5600	0.0000	0.5662	0.0207	0.0112	21	-0.30	1%	0
035.43	Sodium, ICP, Microwave (%)	0610	0.5600	0.0200	0.5662	0.0207	0.0112	21	-0.30	1%	0
035.43	Sodium, ICP, Microwave (%)	0017	0.5615	0.0230	0.5662	0.0207	0.0112	21	-0.23	0%	0
035.43	Sodium, ICP, Microwave (%)	0353	0.5654	0.0121	0.5662	0.0207	0.0112	21	-0.04	0%	0
035.43	Sodium, ICP, Microwave (%)	0918	0.5705	0.0070	0.5662	0.0207	0.0112	21	0.21	0%	0
035.43	Sodium, ICP, Microwave (%)	0033	0.5750	0.0100	0.5662	0.0207	0.0112	21	0.42	1%	0
035.43	Sodium, ICP, Microwave (%)	0098	0.5750	0.0100	0.5662	0.0207	0.0112	21	0.42	1%	0
035.43	Sodium, ICP, Microwave (%)	0675	0.5750	0.0300	0.5662	0.0207	0.0112	21	0.42	1%	0
035.43	Sodium, ICP, Microwave (%)	0682	0.5800	0.0000	0.5662	0.0207	0.0112	21	0.67	1%	0
035.43	Sodium, ICP, Microwave (%)	0510	0.5815	0.0070	0.5662	0.0207	0.0112	21	0.74	1%	0
035.43	Sodium, ICP, Microwave (%)	0407	0.5840	0.0014	0.5662	0.0207	0.0112	21	0.86	2%	0
035.43	Sodium, ICP, Microwave (%)	0083	0.5850	0.0100	0.5662	0.0207	0.0112	21	0.91	2%	0
035.43	Sodium, ICP, Microwave (%)	2089	0.5950	0.0100	0.5662	0.0207	0.0112	21	1.39	3%	0
035.43	Sodium, ICP, Microwave (%)	0202	0.6050	0.0100	0.5662	0.0207	0.0112	21	1.88	3%	0
035.52	Sodium, ICP-MS, Open vessel (%)	0154	0.5445	0.0173				3			0
035.52	Sodium, ICP-MS, Open vessel (%)	0560	0.5494	0.0027				3			0
035.52	Sodium, ICP-MS, Open vessel (%)	0186	0.6130	0.0160				3			0
035.53	Sodium, ICP-MS, Microwave (%)	0572	0.5390	0.0280	0.5495	0.0111	0.0225	4			0
035.53	Sodium, ICP-MS, Microwave (%)	0300	0.5455	0.0310	0.5495	0.0111	0.0225	4			0
035.53	Sodium, ICP-MS, Microwave (%)	0553	0.5485	0.0010	0.5495	0.0111	0.0225	4			0
035.53	Sodium, ICP-MS, Microwave (%)	0939	0.5650	0.0300	0.5495	0.0111	0.0225	4			0
035.99	Sodium, Miscellaneous (%)	2129	0.5200	0.0139	0.5575	0.0357	0.0085	4			0
035.99	Sodium, Miscellaneous (%)	0242	0.5450	0.0100	0.5575	0.0357	0.0085	4			0
035.99	Sodium, Miscellaneous (%)	0100	0.5600	0.0000	0.5575	0.0357	0.0085	4			0
035.99	Sodium, Miscellaneous (%)	0590	0.6050	0.0100	0.5575	0.0357	0.0085	4			0
036.01	Sulfur, Analyzer (%)	2053	0.2850	0.0100				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			
036.04	Sulfur, LECO (%)	0229	0.2850	0.0100				3			0
036.04	Sulfur, LECO (%)	0148	0.3000	0.0400				3			0
036.04	Sulfur, LECO (%)	0226	0.3050	0.0100				3			0
036.42	Sulfur, ICP, Open vessel (%)	0366	0.2550	0.0100	0.2914	0.0269	0.0080	19	-1.35	6%	0
036.42	Sulfur, ICP, Open vessel (%)	0870	0.2591	0.0018	0.2914	0.0269	0.0080	19	-1.20	6%	0
036.42	Sulfur, ICP, Open vessel (%)	0229	0.2600	0.0000	0.2914	0.0269	0.0080	19	-1.17	5%	0
036.42	Sulfur, ICP, Open vessel (%)	0294	0.2650	0.0100	0.2914	0.0269	0.0080	19	-0.98	5%	0
036.42	Sulfur, ICP, Open vessel (%)	0045	0.2715	0.0170	0.2914	0.0269	0.0080	19	-0.74	3%	0
036.42	Sulfur, ICP, Open vessel (%)	2129	0.2797	0.0058	0.2914	0.0269	0.0080	19	-0.44	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0357	0.2806	0.0002	0.2914	0.0269	0.0080	19	-0.40	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0164	0.2850	0.0100	0.2914	0.0269	0.0080	19	-0.24	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0693	0.2860	0.0100	0.2914	0.0269	0.0080	19	-0.20	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0265	0.2900	0.0000	0.2914	0.0269	0.0080	19	-0.05	0%	0
036.42	Sulfur, ICP, Open vessel (%)	0035	0.2950	0.0100	0.2914	0.0269	0.0080	19	0.13	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0278	0.2950	0.0300	0.2914	0.0269	0.0080	19	0.13	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0186	0.2995	0.0010	0.2914	0.0269	0.0080	19	0.30	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0171	0.3050	0.0100	0.2914	0.0269	0.0080	19	0.50	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0726	0.3073	0.0050	0.2914	0.0269	0.0080	19	0.59	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0708	0.3180	0.0020	0.2914	0.0269	0.0080	19	0.99	5%	0
036.42	Sulfur, ICP, Open vessel (%)	0037	0.3235	0.0010	0.2914	0.0269	0.0080	19	1.19	6%	0
036.42	Sulfur, ICP, Open vessel (%)	0190	0.3300	0.0200	0.2914	0.0269	0.0080	19	1.43	7%	0
036.42	Sulfur, ICP, Open vessel (%)	0042	0.3320	0.0080	0.2914	0.0269	0.0080	19	1.51	7%	0
036.43	Sulfur, ICP, Microwave (%)	0297	0.2800	0.0000	0.3085	0.0306	0.0076	13	-0.93	5%	0
036.43	Sulfur, ICP, Microwave (%)	0345	0.2835	0.0030	0.3085	0.0306	0.0076	13	-0.82	4%	0
036.43	Sulfur, ICP, Microwave (%)	0035	0.2850	0.0100	0.3085	0.0306	0.0076	13	-0.77	4%	0
036.43	Sulfur, ICP, Microwave (%)	0407	0.2870	0.0170	0.3085	0.0306	0.0076	13	-0.70	3%	0
036.43	Sulfur, ICP, Microwave (%)	0083	0.2900	0.0000	0.3085	0.0306	0.0076	13	-0.61	3%	0
036.43	Sulfur, ICP, Microwave (%)	0169	0.2950	0.0100	0.3085	0.0306	0.0076	13	-0.44	2%	0
036.43	Sulfur, ICP, Microwave (%)	0202	0.2950	0.0100	0.3085	0.0306	0.0076	13	-0.44	2%	0
036.43	Sulfur, ICP, Microwave (%)	0353	0.3050	0.0100	0.3085	0.0306	0.0076	13	-0.12	1%	0
036.43	Sulfur, ICP, Microwave (%)	0918	0.3125	0.0010	0.3085	0.0306	0.0076	13	0.13	1%	0
036.43	Sulfur, ICP, Microwave (%)	0098	0.3284	0.0075	0.3085	0.0306	0.0076	13	0.65	3%	0
036.43	Sulfur, ICP, Microwave (%)	2089	0.3450	0.0100	0.3085	0.0306	0.0076	13	1.19	6%	0
036.43	Sulfur, ICP, Microwave (%)	0510	0.3500	0.0000	0.3085	0.0306	0.0076	13	1.35	7%	0
036.43	Sulfur, ICP, Microwave (%)	0505	0.3600	0.0200	0.3085	0.0306	0.0076	13	1.68	8%	0
036.43	Sulfur, ICP, Microwave (%)	0032	0.2781	0.0442	0.3085	0.0306	0.0076	13	-0.99	5%	1
036.52	Sulfur, ICP-MS, Open vessel (%)	0910	0.2735	0.0111				3			0
036.52	Sulfur, ICP-MS, Open vessel (%)	0560	0.2962	0.0451				3			0
036.52	Sulfur, ICP-MS, Open vessel (%)	0186	0.3185	0.0130				3			0
036.53	Sulfur, ICP-MS, Microwave (%)	0553	0.2950	0.0180				1			0
036.99	Sulfur, Miscellaneous (%)	0242	0.2750	0.0100				1			0
037.31	Zinc, AAS, Dry ash (ppm)	0536	0.0415	0.0030	560.9	33.59	9.243	17	-16.70	50%	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			
037.31	Zinc, AAS, Dry ash (ppm)	2248	440.4	0.0100	560.9	33.59	9.243	17	-3.59	11%	0
037.31	Zinc, AAS, Dry ash (ppm)	0689	514.4	7.400	560.9	33.59	9.243	17	-1.39	4%	0
037.31	Zinc, AAS, Dry ash (ppm)	2097	545.7	0.0700	560.9	33.59	9.243	17	-0.45	1%	0
037.31	Zinc, AAS, Dry ash (ppm)	0529	547.2	68.30	560.9	33.59	9.243	17	-0.41	1%	0
037.31	Zinc, AAS, Dry ash (ppm)	0175	551.5	7.000	560.9	33.59	9.243	17	-0.28	1%	0
037.31	Zinc, AAS, Dry ash (ppm)	0921	558.0	22.00	560.9	33.59	9.243	17	-0.09	0%	0
037.31	Zinc, AAS, Dry ash (ppm)	0563	563.3	1.431	560.9	33.59	9.243	17	0.07	0%	0
037.31	Zinc, AAS, Dry ash (ppm)	2188	564.5	0.0000	560.9	33.59	9.243	17	0.11	0%	0
037.31	Zinc, AAS, Dry ash (ppm)	2022	567.0	4.000	560.9	33.59	9.243	17	0.18	1%	0
037.31	Zinc, AAS, Dry ash (ppm)	0884	569.7	14.30	560.9	33.59	9.243	17	0.26	1%	0
037.31	Zinc, AAS, Dry ash (ppm)	2062	572.7	6.800	560.9	33.59	9.243	17	0.35	1%	0
037.31	Zinc, AAS, Dry ash (ppm)	0001	574.7	0.2000	560.9	33.59	9.243	17	0.41	1%	0
037.31	Zinc, AAS, Dry ash (ppm)	0939	581.5	11.00	560.9	33.59	9.243	17	0.61	2%	0
037.31	Zinc, AAS, Dry ash (ppm)	2196	584.3	0.0000	560.9	33.59	9.243	17	0.70	2%	0
037.31	Zinc, AAS, Dry ash (ppm)	0868	609.0	6.000	560.9	33.59	9.243	17	1.43	4%	0
037.31	Zinc, AAS, Dry ash (ppm)	0622	679.9	8.625	560.9	33.59	9.243	17	3.54	11%	0
037.31	Zinc, AAS, Dry ash (ppm)	0874	499.0	140.0	560.9	33.59	9.243	17	-1.84	6%	1
037.32	Zinc, AAS, Open vessel (ppm)	0038	574.0	2.000				1			0
037.33	Zinc, AAS, Microwave (ppm)	0010	570.0	40.00				2			0
037.33	Zinc, AAS, Microwave (ppm)	0948	599.3	2.686				2			0
037.41	Zinc, ICP, Dry ash (ppm)	0619	505.0	6.000	565.3	38.92	22.97	21	-1.55	5%	0
037.41	Zinc, ICP, Dry ash (ppm)	0520	512.0	96.00	565.3	38.92	22.97	21	-1.37	5%	0
037.41	Zinc, ICP, Dry ash (ppm)	0049	515.4	32.68	565.3	38.92	22.97	21	-1.28	4%	0
037.41	Zinc, ICP, Dry ash (ppm)	0910	524.5	41.00	565.3	38.92	22.97	21	-1.05	4%	0
037.41	Zinc, ICP, Dry ash (ppm)	0226	524.6	3.480	565.3	38.92	22.97	21	-1.05	4%	0
037.41	Zinc, ICP, Dry ash (ppm)	0511	546.5	9.000	565.3	38.92	22.97	21	-0.48	2%	0
037.41	Zinc, ICP, Dry ash (ppm)	0148	551.0	12.00	565.3	38.92	22.97	21	-0.37	1%	0
037.41	Zinc, ICP, Dry ash (ppm)	0358	559.1	38.33	565.3	38.92	22.97	21	-0.16	1%	0
037.41	Zinc, ICP, Dry ash (ppm)	0878	566.0	12.00	565.3	38.92	22.97	21	0.02	0%	0
037.41	Zinc, ICP, Dry ash (ppm)	0407	568.8	28.52	565.3	38.92	22.97	21	0.09	0%	0
037.41	Zinc, ICP, Dry ash (ppm)	0405	570.4	3.000	565.3	38.92	22.97	21	0.13	0%	0
037.41	Zinc, ICP, Dry ash (ppm)	0653	571.5	11.40	565.3	38.92	22.97	21	0.16	1%	0
037.41	Zinc, ICP, Dry ash (ppm)	0354	572.5	9.510	565.3	38.92	22.97	21	0.18	1%	0
037.41	Zinc, ICP, Dry ash (ppm)	0598	576.5	5.300	565.3	38.92	22.97	21	0.29	1%	0
037.41	Zinc, ICP, Dry ash (ppm)	0171	578.5	2.200	565.3	38.92	22.97	21	0.34	1%	0
037.41	Zinc, ICP, Dry ash (ppm)	0229	583.4	7.400	565.3	38.92	22.97	21	0.47	2%	0
037.41	Zinc, ICP, Dry ash (ppm)	0019	598.1	5.300	565.3	38.92	22.97	21	0.84	3%	0
037.41	Zinc, ICP, Dry ash (ppm)	0098	598.8	20.40	565.3	38.92	22.97	21	0.86	3%	0
037.41	Zinc, ICP, Dry ash (ppm)	0003	599.0	28.00	565.3	38.92	22.97	21	0.87	3%	0
037.41	Zinc, ICP, Dry ash (ppm)	0004	631.4	20.89	565.3	38.92	22.97	21	1.70	6%	0
037.41	Zinc, ICP, Dry ash (ppm)	0074	700.0	90.00	565.3	38.92	22.97	21	3.46	12%	0
037.42	Zinc, ICP, Open vessel (ppm)	0190	0.5850	0.0100	577.8	56.43	16.65	18	-10.23	50%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
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037.42	Zinc, ICP, Open vessel (ppm)	0870	507.2	6.100	577.8	56.43	16.65	18	-1.25	6%	0
037.42	Zinc, ICP, Open vessel (ppm)	0366	532.5	11.00	577.8	56.43	16.65	18	-0.80	4%	0
037.42	Zinc, ICP, Open vessel (ppm)	0026	536.6	22.91	577.8	56.43	16.65	18	-0.73	4%	0
037.42	Zinc, ICP, Open vessel (ppm)	0045	549.0	22.00	577.8	56.43	16.65	18	-0.51	2%	0
037.42	Zinc, ICP, Open vessel (ppm)	0009	550.5	27.00	577.8	56.43	16.65	18	-0.48	2%	0
037.42	Zinc, ICP, Open vessel (ppm)	0357	551.9	3.574	577.8	56.43	16.65	18	-0.46	2%	0
037.42	Zinc, ICP, Open vessel (ppm)	0693	563.3	51.74	577.8	56.43	16.65	18	-0.26	1%	0
037.42	Zinc, ICP, Open vessel (ppm)	0294	566.5	1.360	577.8	56.43	16.65	18	-0.20	1%	0
037.42	Zinc, ICP, Open vessel (ppm)	0263	566.9	0.0600	577.8	56.43	16.65	18	-0.19	1%	0
037.42	Zinc, ICP, Open vessel (ppm)	0186	584.0	34.00	577.8	56.43	16.65	18	0.11	1%	0
037.42	Zinc, ICP, Open vessel (ppm)	0278	586.2	2.800	577.8	56.43	16.65	18	0.15	1%	0
037.42	Zinc, ICP, Open vessel (ppm)	0265	595.5	3.000	577.8	56.43	16.65	18	0.31	2%	0
037.42	Zinc, ICP, Open vessel (ppm)	0042	620.5	71.00	577.8	56.43	16.65	18	0.76	4%	0
037.42	Zinc, ICP, Open vessel (ppm)	0035	630.0	12.00	577.8	56.43	16.65	18	0.92	5%	0
037.42	Zinc, ICP, Open vessel (ppm)	0726	642.5	1.900	577.8	56.43	16.65	18	1.14	6%	0
037.42	Zinc, ICP, Open vessel (ppm)	2053	662.5	17.00	577.8	56.43	16.65	18	1.50	7%	0
037.42	Zinc, ICP, Open vessel (ppm)	0037	706.3	12.30	577.8	56.43	16.65	18	2.28	11%	0
037.43	Zinc, ICP, Microwave (ppm)	0610	482.5	43.00	584.2	46.95	21.13	23	-2.17	9%	0
037.43	Zinc, ICP, Microwave (ppm)	0345	504.1	12.00	584.2	46.95	21.13	23	-1.71	7%	0
037.43	Zinc, ICP, Microwave (ppm)	0353	525.0	58.00	584.2	46.95	21.13	23	-1.26	5%	0
037.43	Zinc, ICP, Microwave (ppm)	0918	529.1	14.79	584.2	46.95	21.13	23	-1.17	5%	0
037.43	Zinc, ICP, Microwave (ppm)	0505	529.4	45.40	584.2	46.95	21.13	23	-1.17	5%	0
037.43	Zinc, ICP, Microwave (ppm)	0675	543.2	40.90	584.2	46.95	21.13	23	-0.87	4%	0
037.43	Zinc, ICP, Microwave (ppm)	0169	568.5	5.000	584.2	46.95	21.13	23	-0.33	1%	0
037.43	Zinc, ICP, Microwave (ppm)	0017	569.5	19.26	584.2	46.95	21.13	23	-0.31	1%	0
037.43	Zinc, ICP, Microwave (ppm)	0083	572.5	15.00	584.2	46.95	21.13	23	-0.25	1%	0
037.43	Zinc, ICP, Microwave (ppm)	0033	575.0	26.00	584.2	46.95	21.13	23	-0.20	1%	0
037.43	Zinc, ICP, Microwave (ppm)	0202	583.7	5.350	584.2	46.95	21.13	23	-0.01	0%	0
037.43	Zinc, ICP, Microwave (ppm)	0425	585.8	28.65	584.2	46.95	21.13	23	0.03	0%	0
037.43	Zinc, ICP, Microwave (ppm)	0006	600.0	40.00	584.2	46.95	21.13	23	0.34	1%	0
037.43	Zinc, ICP, Microwave (ppm)	0968	604.0	4.000	584.2	46.95	21.13	23	0.42	2%	0
037.43	Zinc, ICP, Microwave (ppm)	0297	616.0	26.00	584.2	46.95	21.13	23	0.68	3%	0
037.43	Zinc, ICP, Microwave (ppm)	0682	617.6	0.0000	584.2	46.95	21.13	23	0.71	3%	0
037.43	Zinc, ICP, Microwave (ppm)	0035	621.0	16.00	584.2	46.95	21.13	23	0.78	3%	0
037.43	Zinc, ICP, Microwave (ppm)	0027	621.9	28.67	584.2	46.95	21.13	23	0.80	3%	0
037.43	Zinc, ICP, Microwave (ppm)	0510	623.5	1.000	584.2	46.95	21.13	23	0.84	3%	0
037.43	Zinc, ICP, Microwave (ppm)	0407	624.8	1.189	584.2	46.95	21.13	23	0.86	3%	0
037.43	Zinc, ICP, Microwave (ppm)	0032	628.1	25.00	584.2	46.95	21.13	23	0.94	4%	0
037.43	Zinc, ICP, Microwave (ppm)	2089	634.4	0.5000	584.2	46.95	21.13	23	1.07	4%	0
037.43	Zinc, ICP, Microwave (ppm)	0098	636.2	30.30	584.2	46.95	21.13	23	1.11	4%	0
037.44	Zinc, ICP, Dry ash (ppm)	0066	581.6	11.37				2			0
037.44	Zinc, ICP, Dry ash (ppm)	0164	582.0	4.000				2			0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
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037.52	Zinc, ICP-MS, Open vessel (ppm)	0047	458.3	19.90				3			0
037.52	Zinc, ICP-MS, Open vessel (ppm)	0560	559.3	15.80				3			0
037.52	Zinc, ICP-MS, Open vessel (ppm)	0186	639.5	41.00				3			0
037.53	Zinc, ICP-MS, Microwave (ppm)	0553	609.0	24.00	626.8	16.72	32.78	4			0
037.53	Zinc, ICP-MS, Microwave (ppm)	0939	623.5	7.000	626.8	16.72	32.78	4			0
037.53	Zinc, ICP-MS, Microwave (ppm)	0572	625.5	29.00	626.8	16.72	32.78	4			0
037.53	Zinc, ICP-MS, Microwave (ppm)	0300	649.4	71.11	626.8	16.72	32.78	4			0
037.99	Zinc, Miscellaneous (ppm)	2129	522.9	7.500	567.4	46.20	30.59	5			0
037.99	Zinc, Miscellaneous (ppm)	0242	550.0	38.00	567.4	46.20	30.59	5			0
037.99	Zinc, Miscellaneous (ppm)	0590	556.0	72.00	567.4	46.20	30.59	5			0
037.99	Zinc, Miscellaneous (ppm)	2144	562.7	0.4700	567.4	46.20	30.59	5			0
037.99	Zinc, Miscellaneous (ppm)	0100	645.5	35.00	567.4	46.20	30.59	5			0
038.41	Molybdenum, ICP, Dry ash (ppm)	0171	1.032	0.0660				3			0
038.41	Molybdenum, ICP, Dry ash (ppm)	0407	1.180	0.0428				3			0
038.41	Molybdenum, ICP, Dry ash (ppm)	0226	1.400	0.0600				3			0
038.42	Molybdenum, ICP, Open vessel (ppm)	0278	1.295	0.0100	1.852	0.5354	0.2400	4			0
038.42	Molybdenum, ICP, Open vessel (ppm)	0693	1.501	0.2300	1.852	0.5354	0.2400	4			0
038.42	Molybdenum, ICP, Open vessel (ppm)	0045	2.215	0.2700	1.852	0.5354	0.2400	4			0
038.42	Molybdenum, ICP, Open vessel (ppm)	0265	2.395	0.4500	1.852	0.5354	0.2400	4			0
038.43	Molybdenum, ICP, Microwave (ppm)	0353	1.104	0.1596	1.337	0.2834	0.0896	7	-0.82	9%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0169	1.150	0.0800	1.337	0.2834	0.0896	7	-0.66	7%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0345	1.165	0.0300	1.337	0.2834	0.0896	7	-0.61	6%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0297	1.265	0.3100	1.337	0.2834	0.0896	7	-0.26	3%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0407	1.315	0.0474	1.337	0.2834	0.0896	7	-0.08	1%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0083	1.600	0.0000	1.337	0.2834	0.0896	7	0.93	10%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0510	1.800	0.0000	1.337	0.2834	0.0896	7	1.63	17%	0
038.52	Molybdenum, ICP-MS, Open vessel (ppm)	0186	1.080	0.0400				2			0
038.52	Molybdenum, ICP-MS, Open vessel (ppm)	0910	1.255	0.0300				2			0
038.53	Molybdenum, ICP-MS, Microwave (ppm)	0918	1.178	0.0429	1.331	0.1112	0.0382	4			0
038.53	Molybdenum, ICP-MS, Microwave (ppm)	0939	1.320	0.0200	1.331	0.1112	0.0382	4			0
038.53	Molybdenum, ICP-MS, Microwave (ppm)	0164	1.400	0.0800	1.331	0.1112	0.0382	4			0
038.53	Molybdenum, ICP-MS, Microwave (ppm)	0553	1.425	0.0100	1.331	0.1112	0.0382	4			0
040.52	Barium, ICP-MS, Open vessel (ppm)	0560	8.515	0.4300				1			0
040.53	Barium, ICP-MS, Microwave (ppm)	0918	7.879	0.4346				1			0
042.00	Chloride, Titrimetric (%)	0948	0.9355	0.0130				1			0
042.01	Chloride, Ion-selective electrode (%)	2129	0.9590	0.0020				1			0
042.99	Chloride, Miscellaneous (%)	0297	0.9300	0.0000				1			0
101.01	Choline Chloride, Chem (ppm)	0171	1,909	27.50				1			0
101.99	Choline Chloride, Miscellaneous (ppm)	0939	1,639	155.0				1			0
102.02	Niacin, LC (ppm)	0939	13.92	0.4100				2			0
102.02	Niacin, LC (ppm)	0010	115.5	1.000				2			0
103.02	Pantothenic Acid, LC (ppm)	0939	63.80	5.120				2			0

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103.02	Pantothenic Acid, LC (ppm)	0010	69.95	6.300				2			0
104.00	Riboflavin, Fluorometric (ppm)	0171	17.85	1.100				1			0
104.03	Riboflavin, LC (ppm)	0910	16.14	0.1200				3			0
104.03	Riboflavin, LC (ppm)	2103	18.85	1.500				3			0
104.03	Riboflavin, LC (ppm)	0939	26.86	1.340				3			0
104.03	Riboflavin, LC (ppm)	0010	27.55	7.100				3			1
105.00	Thiamine, LC (ppm)	0910	3.015	0.0100				1			0
106.00	Vitamin A, Color (KU / kg)	0171	24.15	2.300				1			0
106.01	Vitamin A, UV (KU / kg)	0098	9.390	5.620				1			0
106.02	Vitamin A, LC (KU / kg)	0169	2.500	1.000	8.845	4.903	1.619	12	-1.29	36%	0
106.02	Vitamin A, LC (KU / kg)	0619	4.290	1.340	8.845	4.903	1.619	12	-0.93	26%	0
106.02	Vitamin A, LC (KU / kg)	2053	4.850	1.500	8.845	4.903	1.619	12	-0.81	23%	0
106.02	Vitamin A, LC (KU / kg)	0676	5.600	3.800	8.845	4.903	1.619	12	-0.66	18%	0
106.02	Vitamin A, LC (KU / kg)	0148	7.639	0.8860	8.845	4.903	1.619	12	-0.25	7%	0
106.02	Vitamin A, LC (KU / kg)	0027	7.890	2.380	8.845	4.903	1.619	12	-0.19	5%	0
106.02	Vitamin A, LC (KU / kg)	0905	8.060	1.071	8.845	4.903	1.619	12	-0.16	4%	0
106.02	Vitamin A, LC (KU / kg)	0610	9.600	1.400	8.845	4.903	1.619	12	0.15	4%	0
106.02	Vitamin A, LC (KU / kg)	0689	11.75	0.5000	8.845	4.903	1.619	12	0.59	16%	0
106.02	Vitamin A, LC (KU / kg)	0004	13.08	1.300	8.845	4.903	1.619	12	0.86	24%	0
106.02	Vitamin A, LC (KU / kg)	0010	14.69	0.1300	8.845	4.903	1.619	12	1.19	33%	0
106.02	Vitamin A, LC (KU / kg)	0675	27.89	4.120	8.845	4.903	1.619	12	3.88	108%	0
108.01	Vitamin D3, LC, AOAC (KU / kg)	0169	1.300	0.0000				1			0
108.02	Vitamin D3, LC (KU / kg)	0910	0.8350	0.0100				2			0
108.02	Vitamin D3, LC (KU / kg)	0675	2.205	0.0700				2			0
108.02	Vitamin D3, LC (KU / kg)	0610	< 5000					2			5
108.99	Vitamin D3, Miscellaneous (KU / kg)	0010	0.9600	0.2200				2			0
108.99	Vitamin D3, Miscellaneous (KU / kg)	0619	2.190	0.1600				2			0
109.02	Vitamin E, LC (IU / kg)	0169	7.100	0.2000	88.29	12.23	4.687	9	-6.64	46%	0
109.02	Vitamin E, LC (IU / kg)	0910	79.75	0.7000	88.29	12.23	4.687	9	-0.70	5%	0
109.02	Vitamin E, LC (IU / kg)	0610	81.15	3.500	88.29	12.23	4.687	9	-0.58	4%	0
109.02	Vitamin E, LC (IU / kg)	0675	83.74	0.1700	88.29	12.23	4.687	9	-0.37	3%	0
109.02	Vitamin E, LC (IU / kg)	0905	90.50	15.00	88.29	12.23	4.687	9	0.18	1%	0
109.02	Vitamin E, LC (IU / kg)	0098	91.15	0.7000	88.29	12.23	4.687	9	0.23	2%	0
109.02	Vitamin E, LC (IU / kg)	0148	94.45	7.710	88.29	12.23	4.687	9	0.50	3%	0
109.02	Vitamin E, LC (IU / kg)	0590	98.40	11.20	88.29	12.23	4.687	9	0.83	6%	0
109.02	Vitamin E, LC (IU / kg)	0676	105.5	3.000	88.29	12.23	4.687	9	1.41	10%	0
115.00	Non Protein N (NPN), Urea + Am, Urease method (%)	0098	0.5200	0.0200				1			0
118.99	Peroxide value, Miscellaneous (meq/kg)	2081	6.320	3.600				1			0
120.00	Alanine, Post-col Ninhydrin Der (%)	0353	0.6750	0.0100	0.7947	0.0190	0.0144	20	-6.29	8%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0910	0.7400	0.0000	0.7947	0.0190	0.0144	20	-2.87	3%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0652	0.7750	0.0300	0.7947	0.0190	0.0144	20	-1.03	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0619	0.7790	0.0120	0.7947	0.0190	0.0144	20	-0.82	1%	0

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120.00	Alanine, Post-col Ninhydrin Der (%)	0941	0.7840	0.0000	0.7947	0.0190	0.0144	20	-0.56	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0571	0.7845	0.0050	0.7947	0.0190	0.0144	20	-0.53	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0644	0.7850	0.0040	0.7947	0.0190	0.0144	20	-0.51	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0354	0.7875	0.0070	0.7947	0.0190	0.0144	20	-0.38	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0872	0.7880	0.0140	0.7947	0.0190	0.0144	20	-0.35	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0504	0.7900	0.0400	0.7947	0.0190	0.0144	20	-0.24	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0878	0.7945	0.0110	0.7947	0.0190	0.0144	20	-0.01	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0171	0.8015	0.0150	0.7947	0.0190	0.0144	20	0.36	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	2059	0.8025	0.0030	0.7947	0.0190	0.0144	20	0.41	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0868	0.8040	0.0100	0.7947	0.0190	0.0144	20	0.49	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0226	0.8050	0.0140	0.7947	0.0190	0.0144	20	0.54	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0682	0.8130	0.0000	0.7947	0.0190	0.0144	20	0.96	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0859	0.8142	0.0030	0.7947	0.0190	0.0144	20	1.03	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0870	0.8150	0.0300	0.7947	0.0190	0.0144	20	1.07	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0968	0.8150	0.0100	0.7947	0.0190	0.0144	20	1.07	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0675	0.9050	0.0700	0.7947	0.0190	0.0144	20	5.80	7%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0918	0.8221	0.2375	0.7947	0.0190	0.0144	20	1.44	2%	1
120.02	Alanine, Post-col OPA Der (%)	0098	0.8020	0.0240				1			0
120.05	Alanine, Pre-col AQC Der (%)	0610	0.7350	0.0100	0.7742	0.0431	0.0124	5			0
120.05	Alanine, Pre-col AQC Der (%)	0626	0.7360	0.0020	0.7742	0.0431	0.0124	5			0
120.05	Alanine, Pre-col AQC Der (%)	0148	0.7600	0.0400	0.7742	0.0431	0.0124	5			0
120.05	Alanine, Pre-col AQC Der (%)	2196	0.8150	0.0000	0.7742	0.0431	0.0124	5			0
120.05	Alanine, Pre-col AQC Der (%)	2188	0.8250	0.0100	0.7742	0.0431	0.0124	5			0
120.05	Alanine, Pre-col AQC Der (%)	0407	0.8145	0.1910	0.7742	0.0431	0.0124	5			1
120.99	Alanine, Miscellaneous (%)	0889	0.7225	0.0150				2			0
120.99	Alanine, Miscellaneous (%)	2146	0.8000	0.0000				2			0
121.00	Arginine, Post-col Ninhydrin Der (%)	0504	0.9600	0.0400	1.004	0.0259	0.0181	20	-1.69	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0171	0.9720	0.0160	1.004	0.0259	0.0181	20	-1.23	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0868	0.9735	0.0090	1.004	0.0259	0.0181	20	-1.17	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0619	0.9800	0.0000	1.004	0.0259	0.0181	20	-0.92	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0354	0.9805	0.0010	1.004	0.0259	0.0181	20	-0.90	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0644	0.9855	0.0010	1.004	0.0259	0.0181	20	-0.71	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0652	0.9950	0.0100	1.004	0.0259	0.0181	20	-0.34	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0859	0.9994	0.0080	1.004	0.0259	0.0181	20	-0.17	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0571	1.000	0.0020	1.004	0.0259	0.0181	20	-0.15	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0870	1.005	0.0500	1.004	0.0259	0.0181	20	0.05	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0910	1.005	0.0100	1.004	0.0259	0.0181	20	0.05	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0878	1.008	0.0000	1.004	0.0259	0.0181	20	0.16	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0941	1.010	0.0000	1.004	0.0259	0.0181	20	0.24	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0226	1.015	0.0300	1.004	0.0259	0.0181	20	0.43	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0968	1.020	0.0800	1.004	0.0259	0.0181	20	0.63	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0682	1.021	0.0000	1.004	0.0259	0.0181	20	0.66	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	
121.00	Arginine, Post-col Ninhydrin Der (%)	0872	1.026	0.0150	1.004	0.0259	0.0181	20	0.84	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0353	1.030	0.0400	1.004	0.0259	0.0181	20	1.01	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	2059	1.045	0.0090	1.004	0.0259	0.0181	20	1.57	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0675	1.120	0.0400	1.004	0.0259	0.0181	20	4.49	6%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0918	0.9617	0.2544	1.004	0.0259	0.0181	20	-1.62	2%	1
121.02	Arginine, Post-col OPA Der (%)	0098	1.000	0.0100				1			0
121.05	Arginine, Pre-col AQC Der (%)	0407	0.8825	0.2970	0.9797	0.0839	0.0842	6	-1.16	5%	0
121.05	Arginine, Pre-col AQC Der (%)	0626	0.9400	0.0080	0.9797	0.0839	0.0842	6	-0.47	2%	0
121.05	Arginine, Pre-col AQC Der (%)	0610	0.9700	0.0200	0.9797	0.0839	0.0842	6	-0.12	0%	0
121.05	Arginine, Pre-col AQC Der (%)	0148	0.9800	0.1600	0.9797	0.0839	0.0842	6	0.00	0%	0
121.05	Arginine, Pre-col AQC Der (%)	2188	1.000	0.0200	0.9797	0.0839	0.0842	6	0.24	1%	0
121.05	Arginine, Pre-col AQC Der (%)	2196	1.108	0.0000	0.9797	0.0839	0.0842	6	1.53	7%	0
121.99	Arginine, Miscellaneous (%)	0889	0.8750	0.0100				1			0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0353	1.170	0.0000	1.391	0.0637	0.0223	20	-3.46	8%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0682	1.287	0.0000	1.391	0.0637	0.0223	20	-1.63	4%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0354	1.289	0.0080	1.391	0.0637	0.0223	20	-1.60	4%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0870	1.350	0.0200	1.391	0.0637	0.0223	20	-0.64	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0504	1.355	0.0900	1.391	0.0637	0.0223	20	-0.56	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0644	1.357	0.0030	1.391	0.0637	0.0223	20	-0.54	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0941	1.363	0.0000	1.391	0.0637	0.0223	20	-0.44	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0571	1.373	0.0190	1.391	0.0637	0.0223	20	-0.29	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0872	1.388	0.0370	1.391	0.0637	0.0223	20	-0.05	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0910	1.400	0.0200	1.391	0.0637	0.0223	20	0.14	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0878	1.402	0.0170	1.391	0.0637	0.0223	20	0.17	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0652	1.405	0.0100	1.391	0.0637	0.0223	20	0.22	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0868	1.419	0.0400	1.391	0.0637	0.0223	20	0.44	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0859	1.419	0.0029	1.391	0.0637	0.0223	20	0.44	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0968	1.420	0.0400	1.391	0.0637	0.0223	20	0.46	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	2059	1.428	0.0080	1.391	0.0637	0.0223	20	0.58	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0226	1.440	0.0400	1.391	0.0637	0.0223	20	0.77	2%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0619	1.440	0.0600	1.391	0.0637	0.0223	20	0.77	2%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0171	1.515	0.0010	1.391	0.0637	0.0223	20	1.94	4%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0675	1.525	0.0300	1.391	0.0637	0.0223	20	2.11	5%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0918	1.505	0.3658	1.391	0.0637	0.0223	20	1.79	4%	1
122.02	Aspartic, Post-col OPA Der (%)	0098	1.420	0.0090				1			0
122.05	Aspartic, Pre-col AQC Der (%)	0626	1.334	0.0090	1.390	0.0907	0.0245	6	-0.62	2%	0
122.05	Aspartic, Pre-col AQC Der (%)	2196	1.334	0.0000	1.390	0.0907	0.0245	6	-0.61	2%	0
122.05	Aspartic, Pre-col AQC Der (%)	0610	1.345	0.0300	1.390	0.0907	0.0245	6	-0.49	2%	0
122.05	Aspartic, Pre-col AQC Der (%)	2188	1.350	0.0200	1.390	0.0907	0.0245	6	-0.44	1%	0
122.05	Aspartic, Pre-col AQC Der (%)	0148	1.450	0.0800	1.390	0.0907	0.0245	6	0.66	2%	0
122.05	Aspartic, Pre-col AQC Der (%)	0407	1.665	0.0080	1.390	0.0907	0.0245	6	3.04	10%	0
122.99	Aspartic, Miscellaneous (%)	0889	1.348	0.0150				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			
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0870	0.1706	0.0029	0.2636	0.0216	0.0054	20	-4.32	18%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0353	0.2200	0.0000	0.2636	0.0216	0.0054	20	-2.02	8%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0859	0.2499	0.0014	0.2636	0.0216	0.0054	20	-0.63	3%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0652	0.2500	0.0200	0.2636	0.0216	0.0054	20	-0.63	3%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0910	0.2500	0.0000	0.2636	0.0216	0.0054	20	-0.63	3%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0644	0.2525	0.0090	0.2636	0.0216	0.0054	20	-0.51	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0878	0.2540	0.0060	0.2636	0.0216	0.0054	20	-0.44	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0918	0.2550	0.0100	0.2636	0.0216	0.0054	20	-0.40	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0571	0.2570	0.0020	0.2636	0.0216	0.0054	20	-0.31	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0504	0.2600	0.0200	0.2636	0.0216	0.0054	20	-0.17	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0226	0.2605	0.0130	0.2636	0.0216	0.0054	20	-0.14	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0941	0.2620	0.0000	0.2636	0.0216	0.0054	20	-0.07	0%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0872	0.2645	0.0050	0.2636	0.0216	0.0054	20	0.04	0%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	2059	0.2715	0.0030	0.2636	0.0216	0.0054	20	0.37	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0354	0.2725	0.0010	0.2636	0.0216	0.0054	20	0.41	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0868	0.2770	0.0000	0.2636	0.0216	0.0054	20	0.62	3%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0968	0.2875	0.0030	0.2636	0.0216	0.0054	20	1.11	5%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0619	0.2935	0.0070	0.2636	0.0216	0.0054	20	1.39	6%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0682	0.3270	0.0000	0.2636	0.0216	0.0054	20	2.94	12%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0171	0.3670	0.0040	0.2636	0.0216	0.0054	20	4.80	20%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0675	0.3850	0.0500	0.2636	0.0216	0.0054	20	5.63	23%	1
124.02	Cysteine/Cystine, PAO Post-col OPA Der (%)	0098	0.2650	0.0080				1			0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	2188	0.2250	0.0100	0.2739	0.0326	0.0068	4			0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0148	0.2895	0.0170	0.2739	0.0326	0.0068	4			0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0610	0.2900	0.0000	0.2739	0.0326	0.0068	4			0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	2196	0.2910	0.0000	0.2739	0.0326	0.0068	4			0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0407	0.1858	0.0695	0.2739	0.0326	0.0068	4			1
124.99	Cysteine/Cystine, Miscellaneous (%)	2146	0.2650	0.0100				2			0
124.99	Cysteine/Cystine, Miscellaneous (%)	0889	0.3225	0.0050				2			0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0171	2.431	0.0650	2.716	0.1179	0.0478	20	-2.42	5%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0682	2.510	0.0000	2.716	0.1179	0.0478	20	-1.75	4%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0354	2.610	0.0100	2.716	0.1179	0.0478	20	-0.90	2%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0353	2.635	0.0300	2.716	0.1179	0.0478	20	-0.69	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0868	2.649	0.0990	2.716	0.1179	0.0478	20	-0.57	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0571	2.661	0.0210	2.716	0.1179	0.0478	20	-0.47	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0504	2.670	0.1600	2.716	0.1179	0.0478	20	-0.39	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0872	2.681	0.0450	2.716	0.1179	0.0478	20	-0.30	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0941	2.685	0.0000	2.716	0.1179	0.0478	20	-0.26	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0870	2.689	0.0413	2.716	0.1179	0.0478	20	-0.23	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0644	2.691	0.0290	2.716	0.1179	0.0478	20	-0.22	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0652	2.705	0.0900	2.716	0.1179	0.0478	20	-0.09	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	2059	2.732	0.0170	2.716	0.1179	0.0478	20	0.13	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	
125.00	Glutamic, Post-col Ninhydrin Der (%)	0859	2.753	0.0013	2.716	0.1179	0.0478	20	0.32	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0226	2.805	0.0700	2.716	0.1179	0.0478	20	0.76	2%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0910	2.820	0.1000	2.716	0.1179	0.0478	20	0.88	2%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0878	2.822	0.0070	2.716	0.1179	0.0478	20	0.90	2%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0968	2.850	0.0600	2.716	0.1179	0.0478	20	1.14	2%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0675	3.010	0.0200	2.716	0.1179	0.0478	20	2.49	5%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0619	3.015	0.0900	2.716	0.1179	0.0478	20	2.54	6%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0918	2.416	0.3390	2.716	0.1179	0.0478	20	-2.55	6%	1
125.02	Glutamic, Post-col OPA Der (%)	0098	2.746	0.0370				1			0
125.05	Glutamic, Pre-col AQC Der (%)	0610	2.600	0.0200	2.777	0.1851	0.0230	5			0
125.05	Glutamic, Pre-col AQC Der (%)	2196	2.662	0.0000	2.777	0.1851	0.0230	5			0
125.05	Glutamic, Pre-col AQC Der (%)	0626	2.697	0.0050	2.777	0.1851	0.0230	5			0
125.05	Glutamic, Pre-col AQC Der (%)	2188	2.870	0.0400	2.777	0.1851	0.0230	5			0
125.05	Glutamic, Pre-col AQC Der (%)	0148	3.055	0.0500	2.777	0.1851	0.0230	5			0
125.05	Glutamic, Pre-col AQC Der (%)	0407	2.709	0.9060	2.777	0.1851	0.0230	5			1
125.99	Glutamic, Miscellaneous (%)	2146	2.655	0.0300				2			0
125.99	Glutamic, Miscellaneous (%)	0889	2.680	0.0200				2			0
126.00	Glycine, Post-col Ninhydrin Der (%)	0353	0.6550	0.0100	0.7410	0.0254	0.0096	20	-3.38	6%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0682	0.6790	0.0000	0.7410	0.0254	0.0096	20	-2.44	4%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0910	0.7200	0.0000	0.7410	0.0254	0.0096	20	-0.82	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0652	0.7250	0.0100	0.7410	0.0254	0.0096	20	-0.63	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0870	0.7251	0.0101	0.7410	0.0254	0.0096	20	-0.63	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0354	0.7275	0.0030	0.7410	0.0254	0.0096	20	-0.53	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0571	0.7320	0.0040	0.7410	0.0254	0.0096	20	-0.35	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0504	0.7350	0.0300	0.7410	0.0254	0.0096	20	-0.23	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0644	0.7360	0.0080	0.7410	0.0254	0.0096	20	-0.20	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0941	0.7390	0.0000	0.7410	0.0254	0.0096	20	-0.08	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0868	0.7400	0.0300	0.7410	0.0254	0.0096	20	-0.04	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0968	0.7400	0.0000	0.7410	0.0254	0.0096	20	-0.04	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0872	0.7405	0.0050	0.7410	0.0254	0.0096	20	-0.02	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0878	0.7440	0.0020	0.7410	0.0254	0.0096	20	0.12	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	2059	0.7495	0.0070	0.7410	0.0254	0.0096	20	0.34	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0859	0.7548	0.0017	0.7410	0.0254	0.0096	20	0.54	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0619	0.7680	0.0180	0.7410	0.0254	0.0096	20	1.06	2%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0226	0.7940	0.0020	0.7410	0.0254	0.0096	20	2.09	4%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0171	0.8070	0.0020	0.7410	0.0254	0.0096	20	2.60	4%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0675	0.8550	0.0500	0.7410	0.0254	0.0096	20	4.49	8%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0918	0.8061	0.1931	0.7410	0.0254	0.0096	20	2.56	4%	1
126.02	Glycine, Post-col OPA Der (%)	0098	0.7545	0.0190				1			0
126.05	Glycine, Pre-col AQC Der (%)	2188	0.7200	0.0000	0.7260	0.0059	0.0088	5			0
126.05	Glycine, Pre-col AQC Der (%)	2196	0.7220	0.0000	0.7260	0.0059	0.0088	5			0
126.05	Glycine, Pre-col AQC Der (%)	0610	0.7250	0.0100	0.7260	0.0059	0.0088	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			
126.05	Glycine, Pre-col AQC Der (%)	0626	0.7280	0.0040	0.7260	0.0059	0.0088	5		0	
126.05	Glycine, Pre-col AQC Der (%)	0148	0.7350	0.0300	0.7260	0.0059	0.0088	5		0	
126.05	Glycine, Pre-col AQC Der (%)	0407	0.8145	0.1470	0.7260	0.0059	0.0088	5		1	
126.99	Glycine, Miscellaneous (%)	0889	0.3350	0.0000				2		0	
126.99	Glycine, Miscellaneous (%)	2146	0.7650	0.0100				2		0	
127.00	Histidine, Post-col Ninhydrin Der (%)	0353	0.3650	0.0100	0.3959	0.0205	0.0117	20	-1.51	4%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0870	0.3650	0.0100	0.3959	0.0205	0.0117	20	-1.51	4%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0171	0.3800	0.0100	0.3959	0.0205	0.0117	20	-0.78	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0859	0.3841	0.0003	0.3959	0.0205	0.0117	20	-0.58	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0968	0.3850	0.0100	0.3959	0.0205	0.0117	20	-0.53	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0918	0.3868	0.0849	0.3959	0.0205	0.0117	20	-0.45	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0571	0.3875	0.0030	0.3959	0.0205	0.0117	20	-0.41	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0504	0.3900	0.0200	0.3959	0.0205	0.0117	20	-0.29	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0910	0.3900	0.0000	0.3959	0.0205	0.0117	20	-0.29	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0644	0.3905	0.0010	0.3959	0.0205	0.0117	20	-0.26	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0354	0.3920	0.0020	0.3959	0.0205	0.0117	20	-0.19	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0878	0.3955	0.0130	0.3959	0.0205	0.0117	20	-0.02	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0941	0.3970	0.0000	0.3959	0.0205	0.0117	20	0.05	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0872	0.3985	0.0050	0.3959	0.0205	0.0117	20	0.13	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	2059	0.4010	0.0020	0.3959	0.0205	0.0117	20	0.25	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0652	0.4150	0.0100	0.3959	0.0205	0.0117	20	0.93	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0682	0.4190	0.0000	0.3959	0.0205	0.0117	20	1.13	3%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0868	0.4230	0.0340	0.3959	0.0205	0.0117	20	1.32	3%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0226	0.4365	0.0010	0.3959	0.0205	0.0117	20	1.98	5%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0619	0.4805	0.0170	0.3959	0.0205	0.0117	20	4.13	11%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0675	0.4850	0.1500	0.3959	0.0205	0.0117	20	4.35	11%	1
127.02	Histidine, Post-col OPA Der (%)	0098	0.3895	0.0010				1		0	
127.05	Histidine, Pre-col AQC Der (%)	0626	0.3600	0.0080	0.3860	0.0420	0.0056	5		0	
127.05	Histidine, Pre-col AQC Der (%)	0610	0.3650	0.0100	0.3860	0.0420	0.0056	5		0	
127.05	Histidine, Pre-col AQC Der (%)	2188	0.3650	0.0100	0.3860	0.0420	0.0056	5		0	
127.05	Histidine, Pre-col AQC Der (%)	0148	0.3800	0.0000	0.3860	0.0420	0.0056	5		0	
127.05	Histidine, Pre-col AQC Der (%)	2196	0.4600	0.0000	0.3860	0.0420	0.0056	5		0	
127.05	Histidine, Pre-col AQC Der (%)	0407	0.3765	0.1430	0.3860	0.0420	0.0056	5		1	
127.99	Histidine, Miscellaneous (%)	0889	0.3350	0.0000				2		0	
127.99	Histidine, Miscellaneous (%)	2146	0.4250	0.0100				2		0	
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0353	0.4750	0.0300	0.5659	0.0353	0.0156	20	-2.57	8%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0171	0.5140	0.0120	0.5659	0.0353	0.0156	20	-1.47	5%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0870	0.5300	0.0000	0.5659	0.0353	0.0156	20	-1.02	3%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0682	0.5310	0.0000	0.5659	0.0353	0.0156	20	-0.99	3%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0226	0.5360	0.0540	0.5659	0.0353	0.0156	20	-0.85	3%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0354	0.5440	0.0000	0.5659	0.0353	0.0156	20	-0.62	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0868	0.5495	0.0270	0.5659	0.0353	0.0156	20	-0.46	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			
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0652	0.5550	0.0100	0.5659	0.0353	0.0156	20	-0.31	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0968	0.5600	0.0400	0.5659	0.0353	0.0156	20	-0.17	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0859	0.5640	0.0009	0.5659	0.0353	0.0156	20	-0.05	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0878	0.5785	0.0110	0.5659	0.0353	0.0156	20	0.36	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0619	0.5795	0.0010	0.5659	0.0353	0.0156	20	0.39	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0941	0.5820	0.0000	0.5659	0.0353	0.0156	20	0.46	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0910	0.5850	0.0100	0.5659	0.0353	0.0156	20	0.54	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0872	0.5875	0.0190	0.5659	0.0353	0.0156	20	0.61	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	2059	0.5895	0.0050	0.5659	0.0353	0.0156	20	0.67	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0571	0.5905	0.0030	0.5659	0.0353	0.0156	20	0.70	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0644	0.5945	0.0090	0.5659	0.0353	0.0156	20	0.81	3%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0504	0.6150	0.0300	0.5659	0.0353	0.0156	20	1.39	4%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0675	0.6550	0.0500	0.5659	0.0353	0.0156	20	2.52	8%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0918	0.5423	0.1341	0.5659	0.0353	0.0156	20	-0.67	2%	1
128.02	Isoleucine, Post-col OPA Der (%)	0098	0.5785	0.0150				1			0
128.05	Isoleucine, Pre-col AQC Der (%)	2188	0.5600	0.0200	0.5923	0.0331	0.0138	5			0
128.05	Isoleucine, Pre-col AQC Der (%)	0610	0.5700	0.0200	0.5923	0.0331	0.0138	5			0
128.05	Isoleucine, Pre-col AQC Der (%)	0626	0.5755	0.0090	0.5923	0.0331	0.0138	5			0
128.05	Isoleucine, Pre-col AQC Der (%)	2196	0.6260	0.0000	0.5923	0.0331	0.0138	5			0
128.05	Isoleucine, Pre-col AQC Der (%)	0148	0.6300	0.0200	0.5923	0.0331	0.0138	5			0
128.05	Isoleucine, Pre-col AQC Der (%)	0407	0.3490	0.2220	0.5923	0.0331	0.0138	5			1
128.99	Isoleucine, Miscellaneous (%)	0889	0.5850	0.0100				2			0
128.99	Isoleucine, Miscellaneous (%)	2146	0.5900	0.0200				2			0
129.00	Leucine, Post-col Ninhydrin Der (%)	0682	1.113	0.0000	1.203	0.0469	0.0200	20	-1.93	4%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0870	1.123	0.0540	1.203	0.0469	0.0200	20	-1.72	3%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0353	1.135	0.0100	1.203	0.0469	0.0200	20	-1.46	3%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0354	1.162	0.0030	1.203	0.0469	0.0200	20	-0.89	2%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0171	1.171	0.0210	1.203	0.0469	0.0200	20	-0.70	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0652	1.185	0.0100	1.203	0.0469	0.0200	20	-0.39	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0910	1.190	0.0000	1.203	0.0469	0.0200	20	-0.29	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0941	1.201	0.0000	1.203	0.0469	0.0200	20	-0.05	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0878	1.202	0.0030	1.203	0.0469	0.0200	20	-0.04	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0644	1.209	0.0000	1.203	0.0469	0.0200	20	0.12	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0571	1.211	0.0090	1.203	0.0469	0.0200	20	0.15	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0504	1.215	0.0500	1.203	0.0469	0.0200	20	0.25	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0859	1.215	0.0031	1.203	0.0469	0.0200	20	0.25	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0868	1.216	0.0180	1.203	0.0469	0.0200	20	0.27	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	2059	1.229	0.0020	1.203	0.0469	0.0200	20	0.54	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0619	1.235	0.0300	1.203	0.0469	0.0200	20	0.67	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0872	1.235	0.0260	1.203	0.0469	0.0200	20	0.67	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0226	1.255	0.0500	1.203	0.0469	0.0200	20	1.10	2%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0968	1.265	0.0300	1.203	0.0469	0.0200	20	1.31	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			
129.00	Leucine, Post-col Ninhydrin Der (%)	0675	1.350	0.0800	1.203	0.0469	0.0200	20	3.12	6%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0918	0.9794	0.1327	1.203	0.0469	0.0200	20	-4.78	9%	1
129.02	Leucine, Post-col OPA Der (%)	0098	1.218	0.0290				1			0
129.05	Leucine, Pre-col AQC Der (%)	2188	1.140	0.0200	1.182	0.0276	0.0072	5			0
129.05	Leucine, Pre-col AQC Der (%)	2196	1.178	0.0000	1.182	0.0276	0.0072	5			0
129.05	Leucine, Pre-col AQC Der (%)	0610	1.180	0.0000	1.182	0.0276	0.0072	5			0
129.05	Leucine, Pre-col AQC Der (%)	0626	1.195	0.0060	1.182	0.0276	0.0072	5			0
129.05	Leucine, Pre-col AQC Der (%)	0148	1.215	0.0100	1.182	0.0276	0.0072	5			0
129.05	Leucine, Pre-col AQC Der (%)	0407	1.076	0.4450	1.182	0.0276	0.0072	5			1
129.99	Leucine, Miscellaneous (%)	0889	0.9675	0.0650				1			0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0353	0.6850	0.0300	0.7388	0.0274	0.0177	20	-1.96	4%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0354	0.7030	0.0000	0.7388	0.0274	0.0177	20	-1.30	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0652	0.7100	0.0000	0.7388	0.0274	0.0177	20	-1.05	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0171	0.7135	0.0070	0.7388	0.0274	0.0177	20	-0.92	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0682	0.7180	0.0000	0.7388	0.0274	0.0177	20	-0.76	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0878	0.7250	0.0040	0.7388	0.0274	0.0177	20	-0.50	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0619	0.7260	0.0300	0.7388	0.0274	0.0177	20	-0.47	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0941	0.7280	0.0000	0.7388	0.0274	0.0177	20	-0.39	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0644	0.7285	0.0010	0.7388	0.0274	0.0177	20	-0.37	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0571	0.7340	0.0060	0.7388	0.0274	0.0177	20	-0.17	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0859	0.7437	0.0019	0.7388	0.0274	0.0177	20	0.18	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0968	0.7450	0.0100	0.7388	0.0274	0.0177	20	0.23	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0910	0.7500	0.0600	0.7388	0.0274	0.0177	20	0.41	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0868	0.7545	0.0430	0.7388	0.0274	0.0177	20	0.57	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0675	0.7550	0.0300	0.7388	0.0274	0.0177	20	0.59	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0872	0.7570	0.0200	0.7388	0.0274	0.0177	20	0.66	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	2059	0.7620	0.0000	0.7388	0.0274	0.0177	20	0.85	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0504	0.7650	0.0500	0.7388	0.0274	0.0177	20	0.96	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0870	0.7800	0.0000	0.7388	0.0274	0.0177	20	1.50	3%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0226	0.7925	0.0610	0.7388	0.0274	0.0177	20	1.96	4%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0918	0.7505	0.2029	0.7388	0.0274	0.0177	20	0.43	1%	1
130.02	L-Lysine, Post-col OPA Der (%)	0098	0.7855	0.0290				1			0
130.05	L-Lysine, Pre-col AQC Der (%)	0610	0.7000	0.0000	0.7376	0.0463	0.0128	5			0
130.05	L-Lysine, Pre-col AQC Der (%)	0626	0.7130	0.0040	0.7376	0.0463	0.0128	5			0
130.05	L-Lysine, Pre-col AQC Der (%)	2188	0.7150	0.0100	0.7376	0.0463	0.0128	5			0
130.05	L-Lysine, Pre-col AQC Der (%)	0148	0.7450	0.0500	0.7376	0.0463	0.0128	5			0
130.05	L-Lysine, Pre-col AQC Der (%)	2196	0.8150	0.0000	0.7376	0.0463	0.0128	5			0
130.05	L-Lysine, Pre-col AQC Der (%)	0407	0.6600	0.2760	0.7376	0.0463	0.0128	5			1
130.99	L-Lysine, Miscellaneous (%)	2053	0.6650	0.0100				3			0
130.99	L-Lysine, Miscellaneous (%)	2144	0.8850	0.0100				3			0
130.99	L-Lysine, Miscellaneous (%)	0889	1.060	0.0000				3			0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0870	0.1894	0.0042	0.2390	0.0214	0.0073	20	-2.32	10%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0682	0.2070	0.0000	0.2390	0.0214	0.0073	20	-1.50	7%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0652	0.2150	0.0100	0.2390	0.0214	0.0073	20	-1.12	5%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0941	0.2200	0.0000	0.2390	0.0214	0.0073	20	-0.89	4%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0918	0.2250	0.0100	0.2390	0.0214	0.0073	20	-0.66	3%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0354	0.2310	0.0020	0.2390	0.0214	0.0073	20	-0.38	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0619	0.2320	0.0100	0.2390	0.0214	0.0073	20	-0.33	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0868	0.2335	0.0090	0.2390	0.0214	0.0073	20	-0.26	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0504	0.2350	0.0100	0.2390	0.0214	0.0073	20	-0.19	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0571	0.2390	0.0020	0.2390	0.0214	0.0073	20	0.00	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	2059	0.2415	0.0010	0.2390	0.0214	0.0073	20	0.12	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0872	0.2445	0.0050	0.2390	0.0214	0.0073	20	0.26	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0878	0.2445	0.0170	0.2390	0.0214	0.0073	20	0.26	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0353	0.2450	0.0100	0.2390	0.0214	0.0073	20	0.28	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0910	0.2450	0.0100	0.2390	0.0214	0.0073	20	0.28	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0968	0.2505	0.0010	0.2390	0.0214	0.0073	20	0.54	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0644	0.2545	0.0230	0.2390	0.0214	0.0073	20	0.72	3%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0171	0.2685	0.0030	0.2390	0.0214	0.0073	20	1.38	6%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0226	0.2765	0.0170	0.2390	0.0214	0.0073	20	1.75	8%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0859	0.2911	0.0018	0.2390	0.0214	0.0073	20	2.43	11%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0675	0.2350	0.0500	0.2390	0.0214	0.0073	20	-0.19	1%	1
131.02	Methionine, PAO Post-col OPA Der (%)	0098	0.2325	0.0010				1			0
131.05	Methionine, PAO Pre-col AQC Der (%)	0626	0.2055	0.0030	0.2313	0.0248	0.0084	6	-1.04	6%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	2188	0.2150	0.0100	0.2313	0.0248	0.0084	6	-0.66	4%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	0610	0.2250	0.0100	0.2313	0.0248	0.0084	6	-0.26	1%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	0148	0.2300	0.0200	0.2313	0.0248	0.0084	6	-0.05	0%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	2196	0.2470	0.0000	0.2313	0.0248	0.0084	6	0.63	3%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	0407	0.2655	0.0074	0.2313	0.0248	0.0084	6	1.38	7%	0
131.99	Methionine, Miscellaneous (%)	2146	0.2150	0.0100				2			0
131.99	Methionine, Miscellaneous (%)	0889	0.3550	0.0100				2			0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0619	0.6095	0.0210	0.7112	0.0473	0.0151	20	-2.15	7%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0941	0.6190	0.0000	0.7112	0.0473	0.0151	20	-1.95	6%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0968	0.6650	0.0100	0.7112	0.0473	0.0151	20	-0.98	3%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0171	0.6770	0.0080	0.7112	0.0473	0.0151	20	-0.72	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0354	0.6840	0.0020	0.7112	0.0473	0.0151	20	-0.58	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0652	0.6900	0.0200	0.7112	0.0473	0.0151	20	-0.45	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0571	0.6960	0.0100	0.7112	0.0473	0.0151	20	-0.32	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0872	0.7025	0.0150	0.7112	0.0473	0.0151	20	-0.18	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0353	0.7050	0.0100	0.7112	0.0473	0.0151	20	-0.13	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0878	0.7080	0.0140	0.7112	0.0473	0.0151	20	-0.07	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	2059	0.7090	0.0080	0.7112	0.0473	0.0151	20	-0.05	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0910	0.7100	0.0200	0.7112	0.0473	0.0151	20	-0.03	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0644	0.7120	0.0020	0.7112	0.0473	0.0151	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	
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0682	0.7140	0.0000	0.7112	0.0473	0.0151	20	0.06	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0504	0.7250	0.0300	0.7112	0.0473	0.0151	20	0.29	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0868	0.7405	0.0050	0.7112	0.0473	0.0151	20	0.62	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0226	0.7740	0.0460	0.7112	0.0473	0.0151	20	1.33	4%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0859	0.7746	0.0016	0.7112	0.0473	0.0151	20	1.34	4%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0870	0.7750	0.0100	0.7112	0.0473	0.0151	20	1.35	4%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0675	0.7850	0.0700	0.7112	0.0473	0.0151	20	1.56	5%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0918	0.7501	0.1337	0.7112	0.0473	0.0151	20	0.82	3%	1
132.02	Phenylalanine, Post-col OPA Der (%)	0098	0.7050	0.0100				1			0
132.05	Phenylalanine, Pre-col AQC Der (%)	2188	0.6750	0.0100	0.6903	0.0109	0.0054	5			0
132.05	Phenylalanine, Pre-col AQC Der (%)	0610	0.6850	0.0100	0.6903	0.0109	0.0054	5			0
132.05	Phenylalanine, Pre-col AQC Der (%)	0626	0.6905	0.0070	0.6903	0.0109	0.0054	5			0
132.05	Phenylalanine, Pre-col AQC Der (%)	0148	0.7000	0.0000	0.6903	0.0109	0.0054	5			0
132.05	Phenylalanine, Pre-col AQC Der (%)	2196	0.7010	0.0000	0.6903	0.0109	0.0054	5			0
132.05	Phenylalanine, Pre-col AQC Der (%)	0407	0.6155	0.2530	0.6903	0.0109	0.0054	5			1
132.99	Phenylalanine, Miscellaneous (%)	0889	0.6925	0.0050				1			0
133.00	Proline, Post-col Ninhydrin Der (%)	0859	0.5975	0.0140	0.9321	0.0552	0.0351	20	-6.06	18%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0353	0.8500	0.0200	0.9321	0.0552	0.0351	20	-1.49	4%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0619	0.8745	0.0530	0.9321	0.0552	0.0351	20	-1.04	3%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0870	0.8797	0.0206	0.9321	0.0552	0.0351	20	-0.95	3%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0354	0.8945	0.0010	0.9321	0.0552	0.0351	20	-0.68	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0571	0.9040	0.0100	0.9321	0.0552	0.0351	20	-0.51	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	2059	0.9175	0.0130	0.9321	0.0552	0.0351	20	-0.27	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0941	0.9260	0.0000	0.9321	0.0552	0.0351	20	-0.11	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0868	0.9275	0.0210	0.9321	0.0552	0.0351	20	-0.08	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0652	0.9300	0.0200	0.9321	0.0552	0.0351	20	-0.04	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0910	0.9400	0.1400	0.9321	0.0552	0.0351	20	0.14	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0504	0.9450	0.0700	0.9321	0.0552	0.0351	20	0.23	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0878	0.9470	0.0120	0.9321	0.0552	0.0351	20	0.27	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0872	0.9485	0.0370	0.9321	0.0552	0.0351	20	0.30	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0682	0.9510	0.0000	0.9321	0.0552	0.0351	20	0.34	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0644	0.9535	0.0190	0.9321	0.0552	0.0351	20	0.39	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0968	0.9600	0.0200	0.9321	0.0552	0.0351	20	0.50	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0171	1.021	0.0320	0.9321	0.0552	0.0351	20	1.61	5%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0675	1.110	0.1200	0.9321	0.0552	0.0351	20	3.22	10%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0226	1.120	0.0800	0.9321	0.0552	0.0351	20	3.40	10%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0918	0.8436	0.2423	0.9321	0.0552	0.0351	20	-1.60	5%	1
133.05	Proline, Pre-col AQC Der (%)	0610	0.9050	0.0100	0.9572	0.0407	0.0116	5			0
133.05	Proline, Pre-col AQC Der (%)	2188	0.9500	0.0200	0.9572	0.0407	0.0116	5			0
133.05	Proline, Pre-col AQC Der (%)	0626	0.9520	0.0080	0.9572	0.0407	0.0116	5			0
133.05	Proline, Pre-col AQC Der (%)	0148	0.9600	0.0200	0.9572	0.0407	0.0116	5			0
133.05	Proline, Pre-col AQC Der (%)	2196	1.019	0.0000	0.9572	0.0407	0.0116	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			
133.05	Proline, Pre-col AQC Der (%)	0407	0.9990	0.2940	0.9572	0.0407	0.0116	5			1
133.99	Proline, Miscellaneous (%)	0889	0.9725	0.0350				1			0
134.00	Serine, Post-col Ninhydrin Der (%)	0504	0.5950	0.0500	0.7129	0.0364	0.0193	20	-3.24	8%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0171	0.6610	0.0200	0.7129	0.0364	0.0193	20	-1.43	4%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0644	0.6675	0.0050	0.7129	0.0364	0.0193	20	-1.25	3%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0870	0.6918	0.0165	0.7129	0.0364	0.0193	20	-0.58	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0353	0.6950	0.0100	0.7129	0.0364	0.0193	20	-0.49	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0682	0.6950	0.0000	0.7129	0.0364	0.0193	20	-0.49	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0652	0.7000	0.0200	0.7129	0.0364	0.0193	20	-0.35	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0872	0.7010	0.0180	0.7129	0.0364	0.0193	20	-0.33	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0571	0.7020	0.0120	0.7129	0.0364	0.0193	20	-0.30	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0941	0.7050	0.0000	0.7129	0.0364	0.0193	20	-0.22	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0878	0.7080	0.0060	0.7129	0.0364	0.0193	20	-0.13	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0868	0.7140	0.0440	0.7129	0.0364	0.0193	20	0.03	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0859	0.7223	0.0011	0.7129	0.0364	0.0193	20	0.26	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	2059	0.7305	0.0030	0.7129	0.0364	0.0193	20	0.48	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0968	0.7350	0.0300	0.7129	0.0364	0.0193	20	0.61	2%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0354	0.7360	0.0040	0.7129	0.0364	0.0193	20	0.64	2%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0619	0.7455	0.0410	0.7129	0.0364	0.0193	20	0.90	2%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0910	0.7550	0.0500	0.7129	0.0364	0.0193	20	1.16	3%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0675	0.8200	0.0400	0.7129	0.0364	0.0193	20	2.95	8%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0226	0.8370	0.0160	0.7129	0.0364	0.0193	20	3.41	9%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0918	0.7536	0.1878	0.7129	0.0364	0.0193	20	1.12	3%	1
134.02	Serine, Post-col OPA Der (%)	0098	0.6620	0.0080				1			0
134.05	Serine, Pre-col AQC Der (%)	0610	0.6550	0.0100	0.7066	0.0362	0.0060	5			0
134.05	Serine, Pre-col AQC Der (%)	0148	0.6950	0.0100	0.7066	0.0362	0.0060	5			0
134.05	Serine, Pre-col AQC Der (%)	2196	0.7030	0.0000	0.7066	0.0362	0.0060	5			0
134.05	Serine, Pre-col AQC Der (%)	0626	0.7300	0.0100	0.7066	0.0362	0.0060	5			0
134.05	Serine, Pre-col AQC Der (%)	2188	0.7500	0.0000	0.7066	0.0362	0.0060	5			0
134.05	Serine, Pre-col AQC Der (%)	0407	0.8025	0.2050	0.7066	0.0362	0.0060	5			1
134.99	Serine, Miscellaneous (%)	0889	0.5875	0.0050				1			0
135.00	Threonine, Post-col Ninhydrin Der (%)	0682	0.5120	0.0000	0.5515	0.0215	0.0174	20	-1.84	4%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0652	0.5200	0.0200	0.5515	0.0215	0.0174	20	-1.47	3%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0353	0.5250	0.0100	0.5515	0.0215	0.0174	20	-1.23	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0504	0.5350	0.0300	0.5515	0.0215	0.0174	20	-0.77	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0644	0.5385	0.0030	0.5515	0.0215	0.0174	20	-0.61	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0354	0.5395	0.0010	0.5515	0.0215	0.0174	20	-0.56	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0571	0.5480	0.0060	0.5515	0.0215	0.0174	20	-0.16	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	2059	0.5495	0.0030	0.5515	0.0215	0.0174	20	-0.09	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0870	0.5500	0.0200	0.5515	0.0215	0.0174	20	-0.07	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0872	0.5515	0.0110	0.5515	0.0215	0.0174	20	0.00	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0868	0.5550	0.0140	0.5515	0.0215	0.0174	20	0.16	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
135.00	Threonine, Post-col Ninhydrin Der (%)	0910	0.5550	0.0100	0.5515	0.0215	0.0174	20	0.16	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0941	0.5550	0.0000	0.5515	0.0215	0.0174	20	0.16	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0171	0.5560	0.0280	0.5515	0.0215	0.0174	20	0.21	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0859	0.5575	0.0020	0.5515	0.0215	0.0174	20	0.28	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0878	0.5575	0.0050	0.5515	0.0215	0.0174	20	0.28	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0619	0.5670	0.0300	0.5515	0.0215	0.0174	20	0.72	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0968	0.5850	0.0100	0.5515	0.0215	0.0174	20	1.56	3%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0226	0.6220	0.0340	0.5515	0.0215	0.0174	20	3.28	6%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0675	0.6650	0.1100	0.5515	0.0215	0.0174	20	5.28	10%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0918	0.6096	0.1538	0.5515	0.0215	0.0174	20	2.70	5%	1
135.02	Threonine, Post-col OPA Der (%)	0098	0.5625	0.0030				1			0
135.05	Threonine, Pre-col AQC Der (%)	0626	0.5220	0.0080	0.5578	0.0339	0.0096	5			0
135.05	Threonine, Pre-col AQC Der (%)	0610	0.5250	0.0100	0.5578	0.0339	0.0096	5			0
135.05	Threonine, Pre-col AQC Der (%)	0148	0.5600	0.0200	0.5578	0.0339	0.0096	5			0
135.05	Threonine, Pre-col AQC Der (%)	2196	0.5870	0.0000	0.5578	0.0339	0.0096	5			0
135.05	Threonine, Pre-col AQC Der (%)	2188	0.5950	0.0100	0.5578	0.0339	0.0096	5			0
135.05	Threonine, Pre-col AQC Der (%)	0407	0.4720	0.2280	0.5578	0.0339	0.0096	5			1
135.99	Threonine, Miscellaneous (%)	0889	0.4100	0.0000				1			0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0918	0.1100	0.0000	0.1712	0.0355	0.0072	6	-1.72	18%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0171	0.1540	0.0120	0.1712	0.0355	0.0072	6	-0.48	5%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0870	0.1799	0.0099	0.1712	0.0355	0.0072	6	0.24	3%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0910	0.1800	0.0000	0.1712	0.0355	0.0072	6	0.25	3%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0619	0.1875	0.0210	0.1712	0.0355	0.0072	6	0.46	5%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0682	0.2080	0.0000	0.1712	0.0355	0.0072	6	1.04	11%	0
136.01	Tryptophan, Alka-Hydrol Rev Phase LC UV (%)	0878	0.1835	0.0030				3			0
136.01	Tryptophan, Alka-Hydrol Rev Phase LC UV (%)	0644	0.1870	0.0000				3			0
136.01	Tryptophan, Alka-Hydrol Rev Phase LC UV (%)	0868	0.1970	0.0080				3			0
136.02	Tryptophan, Alka-Hydrol Post-col OPA De (%)	0098	0.1800	0.0060				1			0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0571	0.1825	0.0050	0.1848	0.0030	0.0025	4			0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0872	0.1830	0.0020	0.1848	0.0030	0.0025	4			0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	2059	0.1845	0.0010	0.1848	0.0030	0.0025	4			0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0859	0.1891	0.0019	0.1848	0.0030	0.0025	4			0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0353	0.2100	0.0000	0.1848	0.0030	0.0025	4			2
136.05	Tryptophan, Pre-col AQC Der (%)	0407	0.0600	0.0180				1			0
136.99	Tryptophan, Miscellaneous (%)	0504	0.1900	0.0000				2			0
136.99	Tryptophan, Miscellaneous (%)	0889	0.3200	0.0000				2			0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0941	0.3410	0.0000	0.4843	0.0574	0.0105	14	-2.50	15%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0910	0.3450	0.0300	0.4843	0.0574	0.0105	14	-2.43	14%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0968	0.4450	0.0300	0.4843	0.0574	0.0105	14	-0.68	4%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0354	0.4525	0.0010	0.4843	0.0574	0.0105	14	-0.55	3%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0504	0.4650	0.0100	0.4843	0.0574	0.0105	14	-0.34	2%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0870	0.4677	0.0017	0.4843	0.0574	0.0105	14	-0.29	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			
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0171	0.4805	0.0130	0.4843	0.0574	0.0105	14	-0.07	0%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0872	0.4895	0.0130	0.4843	0.0574	0.0105	14	0.09	1%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0644	0.4900	0.0140	0.4843	0.0574	0.0105	14	0.10	1%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0353	0.5300	0.0000	0.4843	0.0574	0.0105	14	0.80	5%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0226	0.5335	0.0010	0.4843	0.0574	0.0105	14	0.86	5%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	2059	0.5365	0.0030	0.4843	0.0574	0.0105	14	0.91	5%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0682	0.5390	0.0000	0.4843	0.0574	0.0105	14	0.95	6%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0675	0.5550	0.0300	0.4843	0.0574	0.0105	14	1.23	7%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0918	0.4777	0.1105	0.4843	0.0574	0.0105	14	-0.12	1%	1
137.02	Tyrosine, Post-col OPA Der (%)	0098	0.4895	0.0050				1			0
137.05	Tyrosine, Pre-col AQC Der (%)	0626	0.3755	0.0270	0.4733	0.0727	0.0154	5			0
137.05	Tyrosine, Pre-col AQC Der (%)	2188	0.4450	0.0100	0.4733	0.0727	0.0154	5			0
137.05	Tyrosine, Pre-col AQC Der (%)	2196	0.4660	0.0000	0.4733	0.0727	0.0154	5			0
137.05	Tyrosine, Pre-col AQC Der (%)	0610	0.5100	0.0200	0.4733	0.0727	0.0154	5			0
137.05	Tyrosine, Pre-col AQC Der (%)	0148	0.5700	0.0200	0.4733	0.0727	0.0154	5			0
137.05	Tyrosine, Pre-col AQC Der (%)	0407	0.6390	0.4180	0.4733	0.0727	0.0154	5			1
137.99	Tyrosine, Miscellaneous (%)	0889	0.3200	0.0000				2			0
137.99	Tyrosine, Miscellaneous (%)	2146	0.5600	0.0000				2			0
138.00	Valine, Post-col Ninhydrin Der (%)	0226	0.5360	0.0540	0.6942	0.0503	0.0164	20	-3.15	11%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0171	0.5630	0.0180	0.6942	0.0503	0.0164	20	-2.61	9%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0353	0.6100	0.0200	0.6942	0.0503	0.0164	20	-1.68	6%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0870	0.6200	0.0400	0.6942	0.0503	0.0164	20	-1.48	5%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0941	0.6780	0.0000	0.6942	0.0503	0.0164	20	-0.32	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0868	0.6810	0.0100	0.6942	0.0503	0.0164	20	-0.26	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0859	0.6868	0.0012	0.6942	0.0503	0.0164	20	-0.15	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0652	0.6950	0.0100	0.6942	0.0503	0.0164	20	0.02	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0354	0.6955	0.0010	0.6942	0.0503	0.0164	20	0.02	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0878	0.7045	0.0170	0.6942	0.0503	0.0164	20	0.20	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0571	0.7080	0.0080	0.6942	0.0503	0.0164	20	0.27	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	2059	0.7115	0.0050	0.6942	0.0503	0.0164	20	0.34	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0872	0.7120	0.0160	0.6942	0.0503	0.0164	20	0.35	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0619	0.7165	0.0030	0.6942	0.0503	0.0164	20	0.44	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0644	0.7195	0.0050	0.6942	0.0503	0.0164	20	0.50	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0910	0.7200	0.0600	0.6942	0.0503	0.0164	20	0.51	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0504	0.7250	0.0300	0.6942	0.0503	0.0164	20	0.61	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0682	0.7300	0.0000	0.6942	0.0503	0.0164	20	0.71	3%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0675	0.7600	0.0200	0.6942	0.0503	0.0164	20	1.31	5%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0968	0.7650	0.0100	0.6942	0.0503	0.0164	20	1.41	5%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0918	0.7363	0.2241	0.6942	0.0503	0.0164	20	0.84	3%	1
138.02	Valine, Post-col OPA Der (%)	0098	0.7260	0.0120				1			0
138.05	Valine, Pre-col AQC Der (%)	2188	0.6400	0.0200	0.6954	0.0411	0.0128	5			0
138.05	Valine, Pre-col AQC Der (%)	0626	0.6780	0.0040	0.6954	0.0411	0.0128	5			0

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138.05	Valine, Pre-col AQC Der (%)	2196	0.6890	0.0000	0.6954	0.0411	0.0128	5		0	
138.05	Valine, Pre-col AQC Der (%)	0610	0.7250	0.0100	0.6954	0.0411	0.0128	5		0	
138.05	Valine, Pre-col AQC Der (%)	0148	0.7450	0.0300	0.6954	0.0411	0.0128	5		0	
138.05	Valine, Pre-col AQC Der (%)	0407	0.4885	0.2790	0.6954	0.0411	0.0128	5		1	
138.99	Valine, Miscellaneous (%)	0889	0.6400	0.0000				1		0	
139.00	Taurine, Post-col Ninhydrin Der (%)	0682	0.0980	0.0000				2		0	
139.00	Taurine, Post-col Ninhydrin Der (%)	0504	0.2050	0.0100				2		0	
139.02	Taurine, Post-col OPA Der (%)	0098	< 0.01					0		5	
139.05	Taurine, Pre-col AQC Der (%)	0407	0.3900	0.0420				1		0	
150.00	Phytase, Colorimetric (Units / kg)	0619	944.0	80.00				3		0	
150.00	Phytase, Colorimetric (Units / kg)	0610	992.0	76.00				3		0	
150.00	Phytase, Colorimetric (Units / kg)	2022	3,425	210.0				3		0	
150.99	Phytase, Miscellaneous (Units / kg)	0218	2,004	38.20				1		0	
160.10	Fructose, HPAEC PAD (%)	0297	0.1570	0.0080				1		0	
160.99	Fructose, Miscellaneous (%)	0619	0.1390	0.0020				2		0	
160.99	Fructose, Miscellaneous (%)	0096	0.2245	0.0407				2		0	
161.10	Galactose, HPAEC PAD (%)	0297	0.0000	0.0000				0		4	
162.10	Glucose, HPAEC PAD (%)	0297	0.2130	0.0240				1		0	
162.99	Glucose, Miscellaneous (%)	0619	0.1185	0.0010				2		0	
162.99	Glucose, Miscellaneous (%)	0096	0.4306	0.0512				2		0	
163.10	Lactose, HPAEC PAD (%)	0297	0.1005	0.0230				1		0	
163.99	Lactose, Miscellaneous (%)	0619	0.2005	0.0010				1		0	
163.99	Lactose, Miscellaneous (%)	0096	< 0.4					1		5	
164.10	Maltose, HPAEC PAD (%)	0297	0.2805	0.0130				1		0	
164.99	Maltose, Miscellaneous (%)	0096	1.693	1.102				1		0	
165.10	Sucrose, HPAEC PAD (%)	0297	2.027	0.0100				1		0	
165.99	Sucrose, Miscellaneous (%)	0619	1.960	0.0200				2		0	
165.99	Sucrose, Miscellaneous (%)	0096	2.110	0.2004				2		0	
166.10	Raffinose, HPAEC PAD (%)	0297	0.4340	0.0040				1		0	
166.99	Raffinose, Miscellaneous (%)	0619	0.3680	0.0080				1		0	
167.10	Stachyose, HPAEC PAD (%)	0297	0.8930	0.0300				1		0	
167.99	Stachyose, Miscellaneous (%)	0619	0.7850	0.0040				1		0	
350.03	Carbadox, LC-MS/MS (ppm)	0941	0.5890	0.0000				1		0	
351.00	Chlortetracycline, Plate (ppm)	0218	1.884	0.2013				1		0	
351.03	Chlortetracycline, LC (UV or FL) (ppm)	0038	2.182	0.0520				1		0	
351.03	Chlortetracycline, LC (UV or FL) (ppm)	0910	< 0.3					1		5	
351.05	Chlortetracycline, LC-MS/MS (ppm)	0941	1.986	0.0000				3		0	
351.05	Chlortetracycline, LC-MS/MS (ppm)	0939	2.101	0.1570				3		0	
351.05	Chlortetracycline, LC-MS/MS (ppm)	0148	2.701	0.1900				3		0	
373.03	Oxytetracycline, LC (ppm)	0218	< 2					0		5	
373.06	Oxytetracycline, LC-MS/MS (ppm)	0939	0.6930	0.0133				3		0	
373.06	Oxytetracycline, LC-MS/MS (ppm)	0148	0.7800	0.1340				3		0	

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373.06	Oxytetracycline, LC-MS/MS (ppm)	0941	1.110	0.0000				3			0
373.99	Oxytetracycline, Miscellaneous (ppm)	0038	63.90	0.8000				1			0
381.02	Sulfadimethoxine, LC-MS/MS (ppm)	0941	0.2050	0.0000				1			0
382.04	Sulfamethazine, LC-MS/MS (ppm)	0038	0.4525	0.1650				1			0
386.00	Tiamulin, LC (ppm)	0910	1.000	0.0000				1			0
386.02	Tiamulin, LC-MS/MS (ppm)	0941	0.2030	0.0000				1			0
386.99	Tiamulin, Miscellaneous (ppm)	0038	< 0.3					0			5
388.03	Tylosin, LC (ppm)	0910	< 0.2					0			5
393.00	Ractopamine Hydrochloride, LC (UV or FL) (ppm)	0668	< 1					0			5
393.02	Ractopamine Hydrochloride, LC-MS/MS (ppm)	0218	< 0.05					0			5
393.02	Ractopamine Hydrochloride, LC-MS/MS (ppm)	0148	< 0.11					0			5
393.02	Ractopamine Hydrochloride, LC-MS/MS (ppm)	0875	< 5					0			5
400.01	Water Activity, Aqualab chilled mirror (Units)	0843	0.4947	0.0044	0.5517	0.0430	0.0044	8	-1.32	5%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	2268	0.5165	0.0010	0.5517	0.0430	0.0044	8	-0.82	3%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	0942	0.5430	0.0100	0.5517	0.0430	0.0044	8	-0.20	1%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	2168	0.5450	0.0100	0.5517	0.0430	0.0044	8	-0.16	1%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	0407	0.5498	0.0004	0.5517	0.0430	0.0044	8	-0.04	0%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	0589	0.5610	0.0000	0.5517	0.0430	0.0044	8	0.22	1%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	2181	0.5882	0.0089	0.5517	0.0430	0.0044	8	0.85	3%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	2109	0.6153	0.0001	0.5517	0.0430	0.0044	8	1.48	6%	0
400.99	Water Activity, Miscellaneous (Units)	0843	0.4975	0.0030				2			0
400.99	Water Activity, Miscellaneous (Units)	2073	0.5780	0.0080				2			0
412.01	Starch, Dietary, Enzymatic-Colorimetric (%)	0353	36.63	0.4000				1			0
516.00	Arsenic, Total, AA, Hydride (ppm)	0171	0.2130	0.0240				2			0
516.00	Arsenic, Total, AA, Hydride (ppm)	0045	0.2585	0.0230				2			0
516.43	Arsenic, Total, ICP, Microwave (ppm)	0407	1.572	0.1430				1			0
516.43	Arsenic, Total, ICP, Microwave (ppm)	0682	< 10					1			5
516.52	Arsenic, Total, ICP-MS, Open vessel (ppm)	0186	0.2655	0.0030				2			0
516.52	Arsenic, Total, ICP-MS, Open vessel (ppm)	0910	0.2700	0.0200				2			0
516.53	Arsenic, Total, ICP-MS, Microwave (ppm)	0553	0.2720	0.0140				3			0
516.53	Arsenic, Total, ICP-MS, Microwave (ppm)	0939	0.2750	0.0300				3			0
516.53	Arsenic, Total, ICP-MS, Microwave (ppm)	2053	0.2750	0.0100				3			0
516.53	Arsenic, Total, ICP-MS, Microwave (ppm)	0918	0.3280	0.0227				3			2
518.31	Cadmium, AAS, Dry ash (ppm)	0689	< 20					0			5
518.34	Cadmium, AAS, Graphite furnace (ppm)	2022	0.1644	0.0084				1			0
518.41	Cadmium, ICP, Dry ash (ppm)	0171	0.1500	0.0000				2			0
518.41	Cadmium, ICP, Dry ash (ppm)	0407	0.1635	0.0235				2			0
518.43	Cadmium, ICP, Microwave (ppm)	0407	0.1360	0.0216				3			0
518.43	Cadmium, ICP, Microwave (ppm)	0968	0.1900	0.0060				3			0
518.43	Cadmium, ICP, Microwave (ppm)	0682	0.2440	0.0000				3			0
518.52	Cadmium, ICP-MS, Open vessel (ppm)	0186	0.1500	0.0460				2			0
518.52	Cadmium, ICP-MS, Open vessel (ppm)	0910	0.1700	0.0000				2			0

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518.53	Cadmium, ICP-MS, Microwave (ppm)	0918	0.1570	0.0035				3			0
518.53	Cadmium, ICP-MS, Microwave (ppm)	2053	0.1650	0.0100				3			0
518.53	Cadmium, ICP-MS, Microwave (ppm)	0553	0.1680	0.0020				3			0
518.53	Cadmium, ICP-MS, Microwave (ppm)	0939	0.1600	0.0400				3			1
520.41	Chromium, ICP, Dry ash (ppm)	0407	2.523	0.0837				2			0
520.41	Chromium, ICP, Dry ash (ppm)	0171	2.940	0.2600				2			0
520.42	Chromium, ICP, Open vessel (ppm)	0693	3.920	0.0960				2			0
520.42	Chromium, ICP, Open vessel (ppm)	0045	4.900	0.3000				2			0
520.43	Chromium, ICP, Microwave (ppm)	0968	2.895	0.1450	4.020	1.191	0.1758	4			0
520.43	Chromium, ICP, Microwave (ppm)	0407	3.279	0.5080	4.020	1.191	0.1758	4			0
520.43	Chromium, ICP, Microwave (ppm)	0682	4.360	0.0000	4.020	1.191	0.1758	4			0
520.43	Chromium, ICP, Microwave (ppm)	0510	5.545	0.0500	4.020	1.191	0.1758	4			0
520.52	Chromium, ICP-MS, Open vessel (ppm)	0186	2.415	0.2100				1			0
520.53	Chromium, ICP-MS, Microwave (ppm)	0918	2.304	0.5798	3.826	1.057	0.3350	4			0
520.53	Chromium, ICP-MS, Microwave (ppm)	0164	3.915	0.1100	3.826	1.057	0.3350	4			0
520.53	Chromium, ICP-MS, Microwave (ppm)	0939	4.510	0.2000	3.826	1.057	0.3350	4			0
520.53	Chromium, ICP-MS, Microwave (ppm)	0553	4.575	0.4500	3.826	1.057	0.3350	4			0
526.31	Lead, AAS, Dry ash (ppm)	0689	< 20					0			5
526.34	Lead, AAS, Graphite furnace (ppm)	2022	0.1588	0.0224				1			0
526.41	Lead, ICP, Dry ash (ppm)	0171	0.1265	0.0050				2			0
526.41	Lead, ICP, Dry ash (ppm)	0407	0.2184	0.0197				2			0
526.43	Lead, ICP, Microwave (ppm)	0407	0.4090	0.0335				1			0
526.43	Lead, ICP, Microwave (ppm)	0682	< 3					1			5
526.52	Lead, ICP-MS, Open vessel (ppm)	0910	0.2600	0.0600				1			0
526.53	Lead, ICP-MS, Microwave (ppm)	2053	0.2200	0.0000	0.2233	0.0033	0.0038	4			0
526.53	Lead, ICP-MS, Microwave (ppm)	0918	0.2211	0.0013	0.2233	0.0033	0.0038	4			0
526.53	Lead, ICP-MS, Microwave (ppm)	0939	0.2250	0.0100	0.2233	0.0033	0.0038	4			0
526.53	Lead, ICP-MS, Microwave (ppm)	0553	0.2270	0.0040	0.2233	0.0033	0.0038	4			0
529.99	Mercury, Miscellaneous (ppb)	0939	20.00	0.0000				1			0
529.99	Mercury, Miscellaneous (ppb)	0682	< 10					1			5
529.99	Mercury, Miscellaneous (ppb)	0021	< 44					1			5
539.41	Nickel, ICP, Dry ash (ppm)	0407	1.893	0.0897				2			0
539.41	Nickel, ICP, Dry ash (ppm)	0171	1.904	0.2300				2			0
539.43	Nickel, ICP, Microwave (ppm)	0407	2.213	0.0235				2			0
539.43	Nickel, ICP, Microwave (ppm)	0682	2.980	0.0000				2			0
539.52	Nickel, ICP-MS, Open vessel (ppm)	0186	2.280	0.2000				1			0
539.53	Nickel, ICP-MS, Microwave (ppm)	0553	2.600	0.1400				3			0
539.53	Nickel, ICP-MS, Microwave (ppm)	0939	2.705	0.1500				3			0
539.53	Nickel, ICP-MS, Microwave (ppm)	0918	2.983	0.1354				3			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	0.0025	0.0010				1			0
706.01	Caprylic acid (8:0), Direct Methylation by Alkali Hydrolysis	0619	0.0000	0.0000				0			4

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
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706.99	Caprylic acid (8:0), Miscellaneous (% (w/w))	0910	0.0650	0.0300				1		0	
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	0.0000	0.0000				0		4	
710.99	Lauric Acid (12:0), Miscellaneous (% (w/w))	0676	0.0025	0.0010				1		0	
710.99	Lauric Acid (12:0), Miscellaneous (% (w/w))	0226	0.0000	0.0000				1		4	
710.99	Lauric Acid (12:0), Miscellaneous (% (w/w))	0164	< 0.02					1		5	
714.01	Myristic Acid (14:0), Direct Methylation by Alkali Hydrolysi	0619	0.0235	0.0010				1		0	
714.99	Myristic Acid (14:0), Miscellaneous (% (w/w))	0226	0.0080	0.0000				2		0	
714.99	Myristic Acid (14:0), Miscellaneous (% (w/w))	0910	0.2100	0.0400				2		0	
714.99	Myristic Acid (14:0), Miscellaneous (% (w/w))	0164	< 0.02					2		5	
716.01	Palmitic Acid (16:0), Direct Methylation by Alkali Hydrolysi:	0619	0.5345	0.0010				1		0	
716.99	Palmitic Acid (16:0), Miscellaneous (% (w/w))	0226	0.5310	0.0140				3		0	
716.99	Palmitic Acid (16:0), Miscellaneous (% (w/w))	0164	0.6150	0.0500				3		0	
716.99	Palmitic Acid (16:0), Miscellaneous (% (w/w))	0910	16.16	0.0600				3		0	
718.01	Palmitoleic Acid (9c-16:1), Direct Methylation by Alkali Hyc	0619	0.0275	0.0010				1		0	
718.99	Palmitoleic Acid (9c-16:1), Miscellaneous (% (w/w))	0676	0.0100	0.0000				3		0	
718.99	Palmitoleic Acid (9c-16:1), Miscellaneous (% (w/w))	0226	0.0160	0.0020				3		0	
718.99	Palmitoleic Acid (9c-16:1), Miscellaneous (% (w/w))	0910	0.3150	0.0700				3		0	
722.01	Stearic Acid (18:0), Direct Methylation by Alkali Hydrolysis	0619	0.0690	0.0000				1		0	
722.99	Stearic Acid (18:0), Miscellaneous (% (w/w))	0226	0.0990	0.0000				3		0	
722.99	Stearic Acid (18:0), Miscellaneous (% (w/w))	0164	0.1100	0.0000				3		0	
722.99	Stearic Acid (18:0), Miscellaneous (% (w/w))	0910	2.930	0.2200				3		0	
724.01	Oleic Acid (9c-18:1), Direct Methylation by Alkali Hydrolysi	0619	0.6630	0.0180				1		0	
724.99	Oleic Acid (9c-18:1), Miscellaneous (% (w/w))	0226	0.7515	0.0190				3		0	
724.99	Oleic Acid (9c-18:1), Miscellaneous (% (w/w))	0164	0.7600	0.0400				3		0	
724.99	Oleic Acid (9c-18:1), Miscellaneous (% (w/w))	0910	26.42	0.3200				3		0	
726.01	Linoleic Acid (9c,12c-18:2), Direct Methylation by Alkali Hy	0619	2.410	0.0000				1		0	
726.99	Linoleic Acid (9c,12c-18:2), Miscellaneous (% (w/w))	0676	1.320	0.0200				3		0	
726.99	Linoleic Acid (9c,12c-18:2), Miscellaneous (% (w/w))	0226	1.503	0.0830				3		0	
726.99	Linoleic Acid (9c,12c-18:2), Miscellaneous (% (w/w))	0910	48.49	0.2300				3		0	
728.01	alpha-Linolenic Acid (9c,12c,15c-18:3), Direct Methylation	0619	0.0590	0.0020				1		0	
728.99	alpha-Linolenic Acid (9c,12c,15c-18:3), Miscellaneous (%	0676	0.0600	0.0000				2		0	
728.99	alpha-Linolenic Acid (9c,12c,15c-18:3), Miscellaneous (%	0226	0.0730	0.0080				2		0	
730.01	Arachidic Acid (20:0), Direct Methylation by Alkali Hydroly:	0619	0.0225	0.0010				1		0	
730.99	Arachidic Acid (20:0), Miscellaneous (% (w/w))	0226	0.0105	0.0010				2		0	
730.99	Arachidic Acid (20:0), Miscellaneous (% (w/w))	0910	0.3350	0.0500				2		0	
730.99	Arachidic Acid (20:0), Miscellaneous (% (w/w))	0164	< 0.02					2		5	
732.01	Gondoic Acid (11c-20:1), Direct Methylation by Alkali Hydr	0619	0.0260	0.0000				1		0	
732.99	Gondoic Acid (11c-20:1), Miscellaneous (% (w/w))	0226	0.0115	0.0010				1		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	0.0000	0.0000				0		4	
738.01	Mead Acid (11c,14c,17c-20:3), Direct Methylation by Alkal	0619	0.0000	0.0000				0		4	

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			
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	0.0000	0.0000				0		4	
740.99	Eicosapentaenoic Acid EPA (5c,8c,11c,14c,17c-20:5), Mis	0676	0.0000	0.0000				0		4	
742.99	Behenic Acid (22:0), Miscellaneous (% (w/w))	0226	0.0080	0.0020				2		0	
742.99	Behenic Acid (22:0), Miscellaneous (% (w/w))	0910	0.1200	0.0800				2		0	
742.99	Behenic Acid (22:0), Miscellaneous (% (w/w))	0164	< 0.02					2		5	
744.01	Erucic Acid (13c-22:1), Direct Methylation by Alkali Hydroly	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-22:1)	0619	0.0000	0.0000				0		4	
746.99	Docosapentaenoic Acid n-3 DPA (7c,10c,13c,16c,19c-22:1)	0226	0.0000	0.0000				0		4	
746.99	Docosapentaenoic Acid n-3 DPA (7c,10c,13c,16c,19c-22:1)	0676	0.0000	0.0000				0		4	
748.99	Lignoceric Acid (24:0), Miscellaneous (% (w/w))	0226	0.0085	0.0010				2		0	
748.99	Lignoceric Acid (24:0), Miscellaneous (% (w/w))	0910	0.1700	0.0600				2		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	0.0000	0.0000				0		4	
750.99	Docosahexaenoic Acid DHA (4c,7c,10c,13c,16c,19c-22:6)	0676	0.0000	0.0000				0		4	
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	0.0000	0.0000				0		4	
754.99	Total n-3 Polyunsaturated (Omega-3) Fatty Acids, Miscellaneous	0676	0.0600	0.0000				1		0	
756.99	Total n-6 Polyunsaturated (Omega-6) Fatty Acids, Miscellaneous	0676	1.320	0.0200				1		0	
758.99	Total Saturated Fatty Acids, Miscellaneous (% (w/w))	0164	0.7900	0.0600				1		0	
762.99	Total Monounsaturated Fatty Acids, Miscellaneous (% (w/w))	0164	0.8450	0.0500				1		0	
766.99	Total Polyunsaturated Fatty Acids, Miscellaneous (% (w/w))	0164	1.595	0.0300				1		0	
770.01	Total Fat (equivalent to NLEA), Direct Methylation by Alkali	2216	4.995	0.0300				1		0	
770.99	Total Fat (equivalent to NLEA), Miscellaneous (% (w/w))	0164	3.400	0.1400				1		0	
772.99	Total Fatty Acids, Miscellaneous (% (w/w))	0226	3.020	0.0600				2		0	
772.99	Total Fatty Acids, Miscellaneous (% (w/w))	0164	3.250	0.1400				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.