

Equine Crumbles

Animal Feed Scheme

Labs Reporting: 192

Test Material Code # 201890

Method Proficiency Testing Report

Issue Date : 11/30/2018

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	0.1000	0.0000				1			0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0309	6.910	0.0200	7.262	0.3149	0.0306	5			0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0027	7.166	0.0830	7.262	0.3149	0.0306	5			0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0016	7.190	0.0000	7.262	0.3149	0.0306	5			0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0504	7.275	0.0300	7.262	0.3149	0.0306	5			0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0169	7.770	0.0200	7.262	0.3149	0.0306	5			0
001.03	Loss on Drying, Low temp. methods (%)	0619	7.100	0.0000				3			0
001.03	Loss on Drying, Low temp. methods (%)	2062	7.311	0.0140				3			0
001.03	Loss on Drying, Low temp. methods (%)	0868	7.355	0.0100				3			0
001.03	Loss on Drying, Low temp. methods (%)	0878	7.480	0.0400				3			1
001.03	Loss on Drying, Low temp. methods (%)	0893	14.15	0.0000				3			2
001.05	Loss on Drying, LECO (%)	0610	7.055	0.0100				2			0
001.05	Loss on Drying, LECO (%)	0644	7.170	0.2000				2			0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0019	6.750	0.3000	7.294	0.2510	0.1029	42	-2.17	4%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0226	6.840	0.0000	7.294	0.2510	0.1029	42	-1.81	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0683	6.915	0.1100	7.294	0.2510	0.1029	42	-1.51	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0345	6.955	0.0300	7.294	0.2510	0.1029	42	-1.35	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2146	7.000	0.0200	7.294	0.2510	0.1029	42	-1.17	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0142	7.045	0.0500	7.294	0.2510	0.1029	42	-0.99	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0505	7.045	0.4900	7.294	0.2510	0.1029	42	-0.99	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0187	7.080	0.0400	7.294	0.2510	0.1029	42	-0.85	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0609	7.100	0.2000	7.294	0.2510	0.1029	42	-0.77	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2145	7.105	0.0100	7.294	0.2510	0.1029	42	-0.75	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0089	7.115	0.0100	7.294	0.2510	0.1029	42	-0.71	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0353	7.120	0.1800	7.294	0.2510	0.1029	42	-0.69	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0148	7.145	0.0100	7.294	0.2510	0.1029	42	-0.59	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2012	7.160	0.0400	7.294	0.2510	0.1029	42	-0.53	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0675	7.170	0.0800	7.294	0.2510	0.1029	42	-0.49	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2059	7.190	0.0400	7.294	0.2510	0.1029	42	-0.41	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0003	7.240	0.0800	7.294	0.2510	0.1029	42	-0.22	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0083	7.240	0.0600	7.294	0.2510	0.1029	42	-0.22	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2009	7.248	0.0065	7.294	0.2510	0.1029	42	-0.18	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0098	7.285	0.2300	7.294	0.2510	0.1029	42	-0.04	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2190	7.295	0.0100	7.294	0.2510	0.1029	42	0.00	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2195	7.300	0.0200	7.294	0.2510	0.1029	42	0.02	0%	0

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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0171	7.315	0.0100	7.294	0.2510	0.1029	42	0.08	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0407	7.356	0.0458	7.294	0.2510	0.1029	42	0.25	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0049	7.365	0.0100	7.294	0.2510	0.1029	42	0.28	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0066	7.375	0.1700	7.294	0.2510	0.1029	42	0.32	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0849	7.395	0.1900	7.294	0.2510	0.1029	42	0.40	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0689	7.400	0.0000	7.294	0.2510	0.1029	42	0.42	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0571	7.410	0.0600	7.294	0.2510	0.1029	42	0.46	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0028	7.430	0.0600	7.294	0.2510	0.1029	42	0.54	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0590	7.445	0.0500	7.294	0.2510	0.1029	42	0.60	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0693	7.457	0.3690	7.294	0.2510	0.1029	42	0.65	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0876	7.463	0.0596	7.294	0.2510	0.1029	42	0.67	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2053	7.475	0.0700	7.294	0.2510	0.1029	42	0.72	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0682	7.480	0.0000	7.294	0.2510	0.1029	42	0.74	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0278	7.585	0.0900	7.294	0.2510	0.1029	42	1.16	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2144	7.605	0.0300	7.294	0.2510	0.1029	42	1.24	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0872	7.610	0.0400	7.294	0.2510	0.1029	42	1.26	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2109	7.620	0.1800	7.294	0.2510	0.1029	42	1.30	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0843	7.635	0.2100	7.294	0.2510	0.1029	42	1.36	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0074	7.675	0.4900	7.294	0.2510	0.1029	42	1.52	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0695	7.845	0.1700	7.294	0.2510	0.1029	42	2.20	4%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2192	7.635	0.7100	7.294	0.2510	0.1029	42	1.36	2%	1
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0045	8.040	0.9000	7.294	0.2510	0.1029	42	2.97	5%	1
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0638	2.400	0.0000	7.294	0.2510	0.1029	42	-19.50	34%	2
001.99	Loss on Drying, Miscellaneous (%)	0618	5.400	0.0800	7.153	0.4785	0.2601	23	-3.66	12%	0
001.99	Loss on Drying, Miscellaneous (%)	2155	5.800	0.5400	7.153	0.4785	0.2601	23	-2.83	9%	0
001.99	Loss on Drying, Miscellaneous (%)	0510	6.350	0.1000	7.153	0.4785	0.2601	23	-1.68	6%	0
001.99	Loss on Drying, Miscellaneous (%)	0889	6.670	0.0200	7.153	0.4785	0.2601	23	-1.01	3%	0
001.99	Loss on Drying, Miscellaneous (%)	0536	6.745	0.0900	7.153	0.4785	0.2601	23	-0.85	3%	0
001.99	Loss on Drying, Miscellaneous (%)	0852	6.855	0.0100	7.153	0.4785	0.2601	23	-0.62	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0630	7.010	0.1400	7.153	0.4785	0.2601	23	-0.30	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0034	7.015	0.2100	7.153	0.4785	0.2601	23	-0.29	1%	0
001.99	Loss on Drying, Miscellaneous (%)	2081	7.025	1.590	7.153	0.4785	0.2601	23	-0.27	1%	0
001.99	Loss on Drying, Miscellaneous (%)	2126	7.050	0.0200	7.153	0.4785	0.2601	23	-0.22	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0918	7.075	0.1500	7.153	0.4785	0.2601	23	-0.16	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0948	7.200	0.1000	7.153	0.4785	0.2601	23	0.10	0%	0
001.99	Loss on Drying, Miscellaneous (%)	0656	7.220	0.5400	7.153	0.4785	0.2601	23	0.14	0%	0
001.99	Loss on Drying, Miscellaneous (%)	0186	7.260	0.1000	7.153	0.4785	0.2601	23	0.22	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0612	7.350	0.7200	7.153	0.4785	0.2601	23	0.41	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0910	7.400	0.2000	7.153	0.4785	0.2601	23	0.52	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0720	7.430	0.3400	7.153	0.4785	0.2601	23	0.58	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0037	7.450	0.0200	7.153	0.4785	0.2601	23	0.62	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0912	7.485	0.2700	7.153	0.4785	0.2601	23	0.69	2%	0

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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
001.99	Loss on Drying, Miscellaneous (%)	0676	7.675	0.0100	7.153	0.4785	0.2601	23	1.09	4%	0
001.99	Loss on Drying, Miscellaneous (%)	0357	7.687	0.1814	7.153	0.4785	0.2601	23	1.12	4%	0
001.99	Loss on Drying, Miscellaneous (%)	0629	7.740	0.3000	7.153	0.4785	0.2601	23	1.23	4%	0
001.99	Loss on Drying, Miscellaneous (%)	0019	7.965	0.2500	7.153	0.4785	0.2601	23	1.70	6%	0
001.99	Loss on Drying, Miscellaneous (%)	0560	7.150	1.920	7.153	0.4785	0.2601	23	-0.01	0%	1
002.01	Protein, Crude, Auto Kjell-Foss (%)	0723	13.53	0.0000	14.00	0.2658	0.0765	18	-1.75	2%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	0685	13.55	0.0600	14.00	0.2658	0.0765	18	-1.68	2%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	0914	13.77	0.1900	14.00	0.2658	0.0765	18	-0.87	1%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	2223	13.77	0.0000	14.00	0.2658	0.0765	18	-0.85	1%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	0870	13.80	0.1220	14.00	0.2658	0.0765	18	-0.72	1%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	0656	13.82	0.0600	14.00	0.2658	0.0765	18	-0.66	1%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	0653	13.90	0.0800	14.00	0.2658	0.0765	18	-0.36	0%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	0968	13.94	0.0150	14.00	0.2658	0.0765	18	-0.21	0%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	0164	14.00	0.0000	14.00	0.2658	0.0765	18	0.02	0%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	0610	14.08	0.2500	14.00	0.2658	0.0765	18	0.30	0%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	2188	14.09	0.0500	14.00	0.2658	0.0765	18	0.34	0%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	2196	14.12	0.0000	14.00	0.2658	0.0765	18	0.47	0%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	2193	14.14	0.1400	14.00	0.2658	0.0765	18	0.54	1%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	0889	14.19	0.1300	14.00	0.2658	0.0765	18	0.71	1%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	0152	14.22	0.0100	14.00	0.2658	0.0765	18	0.83	1%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	2198	14.23	0.0600	14.00	0.2658	0.0765	18	0.88	1%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	0028	14.29	0.0700	14.00	0.2658	0.0765	18	1.09	1%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	2195	14.41	0.1400	14.00	0.2658	0.0765	18	1.56	1%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	0910	13.60	0.4000	14.00	0.2658	0.0765	18	-1.49	1%	1
002.02	Protein, Crude, Semiauto Autoanalyzer (%)	0036	13.74	0.0984	13.87	0.1349	0.1296	4			0
002.02	Protein, Crude, Semiauto Autoanalyzer (%)	0169	13.78	0.1000	13.87	0.1349	0.1296	4			0
002.02	Protein, Crude, Semiauto Autoanalyzer (%)	0042	13.93	0.1900	13.87	0.1349	0.1296	4			0
002.02	Protein, Crude, Semiauto Autoanalyzer (%)	0066	14.04	0.1300	13.87	0.1349	0.1296	4			0
002.03	Protein, Crude, Hach Method (%)	2128	12.60	2.887				1			0
002.04	Protein, Crude, Copper Catalyst (%)	0638	7.550	0.0200	13.16	3.350	0.0800	5			0
002.04	Protein, Crude, Copper Catalyst (%)	0874	13.70	0.2300	13.16	3.350	0.0800	5			0
002.04	Protein, Crude, Copper Catalyst (%)	0504	13.83	0.0800	13.16	3.350	0.0800	5			0
002.04	Protein, Crude, Copper Catalyst (%)	0187	14.16	0.0700	13.16	3.350	0.0800	5			0
002.04	Protein, Crude, Copper Catalyst (%)	0405	16.58	0.0000	13.16	3.350	0.0800	5			0
002.05	Protein, Crude, Copper, Boric Acid (%)	2190	13.63	0.1000	14.01	0.2214	0.0695	28	-1.72	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2145	13.67	0.1600	14.01	0.2214	0.0695	28	-1.54	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2073	13.76	0.0600	14.01	0.2214	0.0695	28	-1.13	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0885	13.80	0.0007	14.01	0.2214	0.0695	28	-0.95	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0939	13.83	0.1200	14.01	0.2214	0.0695	28	-0.82	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0683	13.85	0.0200	14.01	0.2214	0.0695	28	-0.73	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0619	13.85	0.1000	14.01	0.2214	0.0695	28	-0.73	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0955	13.85	0.1000	14.01	0.2214	0.0695	28	-0.73	1%	0

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002.05	Protein, Crude, Copper, Boric Acid (%)	0354	13.86	0.0300	14.01	0.2214	0.0695	28	-0.70	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2009	13.89	0.0271	14.01	0.2214	0.0695	28	-0.56	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2109	13.92	0.1400	14.01	0.2214	0.0695	28	-0.41	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0689	13.95	0.1000	14.01	0.2214	0.0695	28	-0.27	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2022	13.96	0.0300	14.01	0.2214	0.0695	28	-0.25	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0675	14.01	0.0200	14.01	0.2214	0.0695	28	0.00	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0881	14.01	0.0300	14.01	0.2214	0.0695	28	0.00	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2006	14.06	0.0600	14.01	0.2214	0.0695	28	0.22	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0878	14.09	0.0100	14.01	0.2214	0.0695	28	0.34	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0868	14.10	0.0300	14.01	0.2214	0.0695	28	0.38	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0897	14.11	0.0000	14.01	0.2214	0.0695	28	0.45	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0849	14.12	0.1920	14.01	0.2214	0.0695	28	0.48	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2181	14.12	0.0600	14.01	0.2214	0.0695	28	0.49	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2199	14.15	0.1000	14.01	0.2214	0.0695	28	0.63	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0948	14.17	0.0300	14.01	0.2214	0.0695	28	0.70	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0674	14.18	0.0000	14.01	0.2214	0.0695	28	0.77	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0952	14.30	0.1070	14.01	0.2214	0.0695	28	1.32	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2200	14.40	0.0000	14.01	0.2214	0.0695	28	1.76	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2146	14.52	0.1500	14.01	0.2214	0.0695	28	2.28	2%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0852	15.24	0.1700	14.01	0.2214	0.0695	28	5.53	4%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0536	13.78	0.4100	14.01	0.2214	0.0695	28	-1.06	1%	1
002.05	Protein, Crude, Copper, Boric Acid (%)	2192	13.87	0.4100	14.01	0.2214	0.0695	28	-0.66	1%	1
002.05	Protein, Crude, Copper, Boric Acid (%)	0893	7.610	0.0000	14.01	0.2214	0.0695	28	-28.91	23%	2
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2155	13.55	0.3780	14.28	0.2495	0.1150	117	-2.95	3%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0720	13.70	0.0000	14.28	0.2495	0.1150	117	-2.34	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2190	13.70	0.1200	14.28	0.2495	0.1150	117	-2.34	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0541	13.83	0.1800	14.28	0.2495	0.1150	117	-1.82	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0693	13.86	0.0700	14.28	0.2495	0.1150	117	-1.70	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0018	13.89	0.0300	14.28	0.2495	0.1150	117	-1.60	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0676	13.91	0.1900	14.28	0.2495	0.1150	117	-1.52	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0939	13.91	0.1500	14.28	0.2495	0.1150	117	-1.52	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0539	13.93	0.2200	14.28	0.2495	0.1150	117	-1.42	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0682	13.93	0.0000	14.28	0.2495	0.1150	117	-1.42	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0964	13.93	0.1760	14.28	0.2495	0.1150	117	-1.41	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0049	13.96	0.3600	14.28	0.2495	0.1150	117	-1.30	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0345	13.97	0.0670	14.28	0.2495	0.1150	117	-1.27	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0848	13.98	0.0100	14.28	0.2495	0.1150	117	-1.24	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0598	13.99	0.1300	14.28	0.2495	0.1150	117	-1.20	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0100	14.03	0.1000	14.28	0.2495	0.1150	117	-1.02	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0695	14.04	0.2190	14.28	0.2495	0.1150	117	-0.99	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0171	14.05	0.0500	14.28	0.2495	0.1150	117	-0.96	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0123	14.05	0.1000	14.28	0.2495	0.1150	117	-0.94	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	
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0144	14.05	0.0400	14.28	0.2495	0.1150	117	-0.94	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0089	14.06	0.0100	14.28	0.2495	0.1150	117	-0.92	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0853	14.07	0.3900	14.28	0.2495	0.1150	117	-0.88	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0202	14.09	0.0100	14.28	0.2495	0.1150	117	-0.78	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0205	14.10	0.1800	14.28	0.2495	0.1150	117	-0.74	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0955	14.10	0.4000	14.28	0.2495	0.1150	117	-0.74	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0309	14.12	0.1050	14.28	0.2495	0.1150	117	-0.67	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0968	14.12	0.0520	14.28	0.2495	0.1150	117	-0.65	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0164	14.13	0.1300	14.28	0.2495	0.1150	117	-0.64	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0610	14.13	0.0500	14.28	0.2495	0.1150	117	-0.64	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2129	14.14	0.0500	14.28	0.2495	0.1150	117	-0.60	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0505	14.15	0.0900	14.28	0.2495	0.1150	117	-0.56	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0010	14.15	0.1000	14.28	0.2495	0.1150	117	-0.54	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0047	14.15	0.1000	14.28	0.2495	0.1150	117	-0.54	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0278	14.15	0.1000	14.28	0.2495	0.1150	117	-0.54	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0956	14.15	0.3000	14.28	0.2495	0.1150	117	-0.54	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0880	14.15	0.1510	14.28	0.2495	0.1150	117	-0.52	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0074	14.16	0.0500	14.28	0.2495	0.1150	117	-0.52	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2150	14.17	0.0100	14.28	0.2495	0.1150	117	-0.48	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0646	14.17	0.3200	14.28	0.2495	0.1150	117	-0.46	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0142	14.18	0.0200	14.28	0.2495	0.1150	117	-0.42	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0042	14.19	0.3500	14.28	0.2495	0.1150	117	-0.40	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2215	14.19	0.0900	14.28	0.2495	0.1150	117	-0.40	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0626	14.19	0.0010	14.28	0.2495	0.1150	117	-0.37	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0003	14.20	0.0500	14.28	0.2495	0.1150	117	-0.36	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0868	14.20	0.0100	14.28	0.2495	0.1150	117	-0.36	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0175	14.20	0.0000	14.28	0.2495	0.1150	117	-0.34	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0884	14.20	0.0000	14.28	0.2495	0.1150	117	-0.34	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0644	14.21	0.1500	14.28	0.2495	0.1150	117	-0.32	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0687	14.22	0.1700	14.28	0.2495	0.1150	117	-0.28	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0226	14.22	0.0800	14.28	0.2495	0.1150	117	-0.26	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0948	14.23	0.0400	14.28	0.2495	0.1150	117	-0.22	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0870	14.24	0.0563	14.28	0.2495	0.1150	117	-0.19	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0859	14.24	0.0440	14.28	0.2495	0.1150	117	-0.17	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0592	14.25	0.1500	14.28	0.2495	0.1150	117	-0.16	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0006	14.25	0.0200	14.28	0.2495	0.1150	117	-0.14	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0016	14.25	0.1000	14.28	0.2495	0.1150	117	-0.14	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0098	14.25	0.1000	14.28	0.2495	0.1150	117	-0.14	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0619	14.25	0.1000	14.28	0.2495	0.1150	117	-0.14	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0300	14.27	0.0400	14.28	0.2495	0.1150	117	-0.06	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2081	14.28	0.1100	14.28	0.2495	0.1150	117	-0.04	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0353	14.30	0.0400	14.28	0.2495	0.1150	117	0.06	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0504	14.30	0.2800	14.28	0.2495	0.1150	117	0.06	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0857	14.31	0.1100	14.28	0.2495	0.1150	117	0.08	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0263	14.31	0.0293	14.28	0.2495	0.1150	117	0.10	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0675	14.31	0.0400	14.28	0.2495	0.1150	117	0.10	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0357	14.31	0.0000	14.28	0.2495	0.1150	117	0.11	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2126	14.32	0.0600	14.28	0.2495	0.1150	117	0.14	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0027	14.32	0.3110	14.28	0.2495	0.1150	117	0.15	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0358	14.35	0.1800	14.28	0.2495	0.1150	117	0.27	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0265	14.35	0.1000	14.28	0.2495	0.1150	117	0.27	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0590	14.35	0.1000	14.28	0.2495	0.1150	117	0.27	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0571	14.35	0.0250	14.28	0.2495	0.1150	117	0.27	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0354	14.36	0.0200	14.28	0.2495	0.1150	117	0.31	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0589	14.36	0.0000	14.28	0.2495	0.1150	117	0.31	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2075	14.36	0.0800	14.28	0.2495	0.1150	117	0.31	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0108	14.37	0.1100	14.28	0.2495	0.1150	117	0.33	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0148	14.37	0.5300	14.28	0.2495	0.1150	117	0.33	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0872	14.37	0.0300	14.28	0.2495	0.1150	117	0.33	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2053	14.37	0.0900	14.28	0.2495	0.1150	117	0.33	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0035	14.40	0.0100	14.28	0.2495	0.1150	117	0.45	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0407	14.41	0.0680	14.28	0.2495	0.1150	117	0.49	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2022	14.41	0.0760	14.28	0.2495	0.1150	117	0.52	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0004	14.42	0.1000	14.28	0.2495	0.1150	117	0.55	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0037	14.42	0.2800	14.28	0.2495	0.1150	117	0.55	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2089	14.43	0.2100	14.28	0.2495	0.1150	117	0.57	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0726	14.43	0.0000	14.28	0.2495	0.1150	117	0.59	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0009	14.45	0.0100	14.28	0.2495	0.1150	117	0.65	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0574	14.45	0.1100	14.28	0.2495	0.1150	117	0.65	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0019	14.49	0.3800	14.28	0.2495	0.1150	117	0.83	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0083	14.49	0.0400	14.28	0.2495	0.1150	117	0.83	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0036	14.50	0.1500	14.28	0.2495	0.1150	117	0.85	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0596	14.50	0.0100	14.28	0.2495	0.1150	117	0.85	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0033	14.50	0.0000	14.28	0.2495	0.1150	117	0.87	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0045	14.50	0.2000	14.28	0.2495	0.1150	117	0.87	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0510	14.50	0.0000	14.28	0.2495	0.1150	117	0.87	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0910	14.50	0.0000	14.28	0.2495	0.1150	117	0.87	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0609	14.52	0.1800	14.28	0.2495	0.1150	117	0.95	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0630	14.53	0.0200	14.28	0.2495	0.1150	117	0.99	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2059	14.55	0.0656	14.28	0.2495	0.1150	117	1.07	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0190	14.56	0.2300	14.28	0.2495	0.1150	117	1.09	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0843	14.56	0.0900	14.28	0.2495	0.1150	117	1.09	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0425	14.56	0.0200	14.28	0.2495	0.1150	117	1.11	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0941	14.57	0.1600	14.28	0.2495	0.1150	117	1.15	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	
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0511	14.59	0.1400	14.28	0.2495	0.1150	117	1.23	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0186	14.60	0.2000	14.28	0.2495	0.1150	117	1.27	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0861	14.60	0.1400	14.28	0.2495	0.1150	117	1.27	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2076	14.61	0.0660	14.28	0.2495	0.1150	117	1.32	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0918	14.62	0.0200	14.28	0.2495	0.1150	117	1.35	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0242	14.64	0.0200	14.28	0.2495	0.1150	117	1.43	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0001	14.66	0.1400	14.28	0.2495	0.1150	117	1.51	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0229	14.67	0.0500	14.28	0.2495	0.1150	117	1.53	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0618	14.68	0.0180	14.28	0.2495	0.1150	117	1.60	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0520	14.75	0.0300	14.28	0.2495	0.1150	117	1.85	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0876	14.76	0.1321	14.28	0.2495	0.1150	117	1.91	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0119	15.18	0.0000	14.28	0.2495	0.1150	117	3.59	3%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0953	15.22	0.5800	14.28	0.2495	0.1150	117	3.75	3%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0612	16.01	0.5100	14.28	0.2495	0.1150	117	6.90	6%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0034	14.12	0.6520	14.28	0.2495	0.1150	117	-0.66	1%	1
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0692	14.25	0.7000	14.28	0.2495	0.1150	117	-0.14	0%	1
002.08	Protein, Crude, Cu/Ti (%)	0098	13.88	0.0200				1			0
002.10	Protein, Crude, Block dig/distillation (%)	0629	14.11	0.0200				1			0
002.11	Protein, Crude, NIR (%)	0852	12.38	0.2200	14.81	3.448	0.3400	4			0
002.11	Protein, Crude, NIR (%)	0889	12.63	0.7600	14.81	3.448	0.3400	4			0
002.11	Protein, Crude, NIR (%)	0553	14.42	0.2700	14.81	3.448	0.3400	4			0
002.11	Protein, Crude, NIR (%)	0720	19.80	0.1100	14.81	3.448	0.3400	4			0
002.99	Protein, Crude, Miscellaneous (%)	0643	0.1432	0.0008				1			0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0345	1.325	0.1300	2.024	0.5001	0.0432	9	-1.40	17%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2190	1.530	0.0200	2.024	0.5001	0.0432	9	-0.99	12%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0164	1.865	0.0700	2.024	0.5001	0.0432	9	-0.32	4%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0885	1.886	0.0231	2.024	0.5001	0.0432	9	-0.28	3%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0653	1.995	0.0300	2.024	0.5001	0.0432	9	-0.06	1%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0309	2.092	0.0156	2.024	0.5001	0.0432	9	0.14	2%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0175	2.305	0.0300	2.024	0.5001	0.0432	9	0.56	7%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2126	2.525	0.0300	2.024	0.5001	0.0432	9	1.00	12%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0152	2.690	0.0400	2.024	0.5001	0.0432	9	1.33	16%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2109	2.255	0.4100	2.024	0.5001	0.0432	9	0.46	6%	1
003.01	Fat, Crude, Diethyl Ether Ext (13th ed.), Indirect (%)	0504	1.705	0.3100				1			0
003.06	Fat, Crude, Pet Ether (%)	0263	1.359	0.0090	1.911	0.1543	0.0716	10	-3.58	14%	0
003.06	Fat, Crude, Pet Ether (%)	0425	1.765	0.0900	1.911	0.1543	0.0716	10	-0.95	4%	0
003.06	Fat, Crude, Pet Ether (%)	0644	1.808	0.0140	1.911	0.1543	0.0716	10	-0.67	3%	0
003.06	Fat, Crude, Pet Ether (%)	0884	1.850	0.1000	1.911	0.1543	0.0716	10	-0.39	2%	0
003.06	Fat, Crude, Pet Ether (%)	0687	1.925	0.2500	1.911	0.1543	0.0716	10	0.09	0%	0
003.06	Fat, Crude, Pet Ether (%)	0229	1.947	0.0030	1.911	0.1543	0.0716	10	0.23	1%	0
003.06	Fat, Crude, Pet Ether (%)	0689	1.950	0.1000	1.911	0.1543	0.0716	10	0.25	1%	0
003.06	Fat, Crude, Pet Ether (%)	0918	2.020	0.1200	1.911	0.1543	0.0716	10	0.71	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			
003.06	Fat, Crude, Pet Ether (%)	0682	2.040	0.0000	1.911	0.1543	0.0716	10	0.84	3%	0
003.06	Fat, Crude, Pet Ether (%)	0910	2.125	0.0300	1.911	0.1543	0.0716	10	1.39	6%	0
003.06	Fat, Crude, Pet Ether (%)	2181	1.685	0.5100	1.911	0.1543	0.0716	10	-1.46	6%	1
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0948	1.715	0.0700	1.924	0.2013	0.0814	13	-1.04	5%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0590	1.775	0.1500	1.924	0.2013	0.0814	13	-0.74	4%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0226	1.780	0.1600	1.924	0.2013	0.0814	13	-0.72	4%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0510	1.800	0.2000	1.924	0.2013	0.0814	13	-0.62	3%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0098	1.820	0.0600	1.924	0.2013	0.0814	13	-0.52	3%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0674	1.830	0.0000	1.924	0.2013	0.0814	13	-0.47	2%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0723	1.850	0.0000	1.924	0.2013	0.0814	13	-0.37	2%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0870	1.869	0.0881	1.924	0.2013	0.0814	13	-0.27	1%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0353	1.975	0.0100	1.924	0.2013	0.0814	13	0.25	1%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0630	1.975	0.1700	1.924	0.2013	0.0814	13	0.25	1%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0354	2.170	0.0200	1.924	0.2013	0.0814	13	1.22	6%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0685	2.415	0.0100	1.924	0.2013	0.0814	13	2.44	13%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0675	2.430	0.1200	1.924	0.2013	0.0814	13	2.51	13%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0638	14.14	0.0400	1.924	0.2013	0.0814	13	60.69	317%	2
003.10	Fat, Crude, Randall, Pet Ether (%)	0952	1.080	0.3200	1.643	0.2321	0.1038	29	-2.43	17%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0242	1.250	0.0000	1.643	0.2321	0.1038	29	-1.69	12%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0861	1.345	0.0300	1.643	0.2321	0.1038	29	-1.28	9%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2073	1.350	0.0000	1.643	0.2321	0.1038	29	-1.26	9%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0098	1.380	0.1000	1.643	0.2321	0.1038	29	-1.13	8%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0553	1.435	0.1900	1.643	0.2321	0.1038	29	-0.90	6%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0619	1.445	0.1700	1.643	0.2321	0.1038	29	-0.85	6%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0897	1.485	0.0300	1.643	0.2321	0.1038	29	-0.68	5%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2193	1.505	0.0100	1.643	0.2321	0.1038	29	-0.59	4%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0100	1.585	0.2500	1.643	0.2321	0.1038	29	-0.25	2%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0119	1.605	0.0700	1.643	0.2321	0.1038	29	-0.16	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0693	1.632	0.3970	1.643	0.2321	0.1038	29	-0.05	0%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0045	1.635	0.3500	1.643	0.2321	0.1038	29	-0.03	0%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0541	1.635	0.3100	1.643	0.2321	0.1038	29	-0.03	0%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2188	1.635	0.1900	1.643	0.2321	0.1038	29	-0.03	0%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0629	1.650	0.1000	1.643	0.2321	0.1038	29	0.03	0%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0695	1.665	0.0300	1.643	0.2321	0.1038	29	0.10	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0870	1.715	0.0527	1.643	0.2321	0.1038	29	0.31	2%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2022	1.740	0.0600	1.643	0.2321	0.1038	29	0.42	3%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0868	1.755	0.0300	1.643	0.2321	0.1038	29	0.48	3%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0148	1.800	0.0200	1.643	0.2321	0.1038	29	0.68	5%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0889	1.800	0.0600	1.643	0.2321	0.1038	29	0.68	5%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0720	1.825	0.0300	1.643	0.2321	0.1038	29	0.78	6%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0881	1.826	0.0760	1.643	0.2321	0.1038	29	0.79	6%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2196	1.830	0.0000	1.643	0.2321	0.1038	29	0.81	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	
003.10	Fat, Crude, Randall, Pet Ether (%)	0689	1.850	0.1000	1.643	0.2321	0.1038	29	0.89	6%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0676	1.945	0.0100	1.643	0.2321	0.1038	29	1.30	9%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0609	2.370	0.0200	1.643	0.2321	0.1038	29	3.13	22%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0618	3.433	0.0040	1.643	0.2321	0.1038	29	7.71	54%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2195	6.050	9.500	1.643	0.2321	0.1038	29	18.99	134%	2
003.11	Fat, Crude, NIR (%)	0720	1.180	0.0200	1.676	0.5112	0.0725	4			0
003.11	Fat, Crude, NIR (%)	0405	1.470	0.0000	1.676	0.5112	0.0725	4			0
003.11	Fat, Crude, NIR (%)	0889	1.675	0.2100	1.676	0.5112	0.0725	4			0
003.11	Fat, Crude, NIR (%)	0852	2.380	0.0600	1.676	0.5112	0.0725	4			0
003.12	Fat, Crude, Hexane Ext (%)	0893	1.360	0.0000				2			0
003.12	Fat, Crude, Hexane Ext (%)	0171	1.690	0.0800				2			0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	0205	1.615	0.0430	1.840	0.2129	0.0892	8	-1.06	6%	0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	0098	1.650	0.2400	1.840	0.2129	0.0892	8	-0.89	5%	0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	2089	1.725	0.2100	1.840	0.2129	0.0892	8	-0.54	3%	0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	0187	1.785	0.0300	1.840	0.2129	0.0892	8	-0.26	1%	0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	0123	1.825	0.0300	1.840	0.2129	0.0892	8	-0.07	0%	0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	2006	1.920	0.0600	1.840	0.2129	0.0892	8	0.38	2%	0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	0646	2.065	0.0100	1.840	0.2129	0.0892	8	1.06	6%	0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	0870	2.134	0.0904	1.840	0.2129	0.0892	8	1.38	8%	0
003.14	Fat, Crude, Ankom (%)	2129	1.130	0.0200	1.783	0.2662	0.1105	36	-2.45	18%	0
003.14	Fat, Crude, Ankom (%)	0175	1.185	0.0500	1.783	0.2662	0.1105	36	-2.25	17%	0
003.14	Fat, Crude, Ankom (%)	0843	1.410	0.2000	1.783	0.2662	0.1105	36	-1.40	10%	0
003.14	Fat, Crude, Ankom (%)	0144	1.520	0.0000	1.783	0.2662	0.1105	36	-0.99	7%	0
003.14	Fat, Crude, Ankom (%)	0520	1.540	0.3600	1.783	0.2662	0.1105	36	-0.91	7%	0
003.14	Fat, Crude, Ankom (%)	0186	1.560	0.1800	1.783	0.2662	0.1105	36	-0.84	6%	0
003.14	Fat, Crude, Ankom (%)	0358	1.585	0.0900	1.783	0.2662	0.1105	36	-0.74	6%	0
003.14	Fat, Crude, Ankom (%)	2076	1.593	0.0299	1.783	0.2662	0.1105	36	-0.71	5%	0
003.14	Fat, Crude, Ankom (%)	0357	1.600	0.0000	1.783	0.2662	0.1105	36	-0.69	5%	0
003.14	Fat, Crude, Ankom (%)	0089	1.620	0.0200	1.783	0.2662	0.1105	36	-0.61	5%	0
003.14	Fat, Crude, Ankom (%)	0574	1.640	0.0600	1.783	0.2662	0.1105	36	-0.54	4%	0
003.14	Fat, Crude, Ankom (%)	0956	1.650	0.1000	1.783	0.2662	0.1105	36	-0.50	4%	0
003.14	Fat, Crude, Ankom (%)	0598	1.665	0.2100	1.783	0.2662	0.1105	36	-0.44	3%	0
003.14	Fat, Crude, Ankom (%)	0202	1.668	0.0000	1.783	0.2662	0.1105	36	-0.43	3%	0
003.14	Fat, Crude, Ankom (%)	0878	1.680	0.0600	1.783	0.2662	0.1105	36	-0.39	3%	0
003.14	Fat, Crude, Ankom (%)	0083	1.690	0.0600	1.783	0.2662	0.1105	36	-0.35	3%	0
003.14	Fat, Crude, Ankom (%)	0019	1.695	0.4300	1.783	0.2662	0.1105	36	-0.33	2%	0
003.14	Fat, Crude, Ankom (%)	0948	1.695	0.0100	1.783	0.2662	0.1105	36	-0.33	2%	0
003.14	Fat, Crude, Ankom (%)	0265	1.760	0.1400	1.783	0.2662	0.1105	36	-0.09	1%	0
003.14	Fat, Crude, Ankom (%)	0407	1.761	0.1155	1.783	0.2662	0.1105	36	-0.08	1%	0
003.14	Fat, Crude, Ankom (%)	0912	1.785	0.0900	1.783	0.2662	0.1105	36	0.01	0%	0
003.14	Fat, Crude, Ankom (%)	0692	1.850	0.5000	1.783	0.2662	0.1105	36	0.25	2%	0
003.14	Fat, Crude, Ankom (%)	0037	1.880	0.0000	1.783	0.2662	0.1105	36	0.36	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	
003.14	Fat, Crude, Ankom (%)	0066	1.880	0.1200	1.783	0.2662	0.1105	36	0.36	3%	0
003.14	Fat, Crude, Ankom (%)	0968	1.894	0.0190	1.783	0.2662	0.1105	36	0.42	3%	0
003.14	Fat, Crude, Ankom (%)	0868	1.935	0.0100	1.783	0.2662	0.1105	36	0.57	4%	0
003.14	Fat, Crude, Ankom (%)	0049	1.940	0.0600	1.783	0.2662	0.1105	36	0.59	4%	0
003.14	Fat, Crude, Ankom (%)	0619	1.950	0.0400	1.783	0.2662	0.1105	36	0.63	5%	0
003.14	Fat, Crude, Ankom (%)	0229	2.041	0.0440	1.783	0.2662	0.1105	36	0.97	7%	0
003.14	Fat, Crude, Ankom (%)	0278	2.050	0.1000	1.783	0.2662	0.1105	36	1.00	7%	0
003.14	Fat, Crude, Ankom (%)	0683	2.055	0.0300	1.783	0.2662	0.1105	36	1.02	8%	0
003.14	Fat, Crude, Ankom (%)	0148	2.130	0.0200	1.783	0.2662	0.1105	36	1.30	10%	0
003.14	Fat, Crude, Ankom (%)	0413	2.150	0.1000	1.783	0.2662	0.1105	36	1.38	10%	0
003.14	Fat, Crude, Ankom (%)	2075	2.220	0.3000	1.783	0.2662	0.1105	36	1.64	12%	0
003.14	Fat, Crude, Ankom (%)	0682	2.460	0.0000	1.783	0.2662	0.1105	36	2.54	19%	0
003.14	Fat, Crude, Ankom (%)	0656	2.805	0.4100	1.783	0.2662	0.1105	36	3.84	29%	0
003.14	Fat, Crude, Ankom (%)	0853	2.300	0.6000	1.783	0.2662	0.1105	36	1.94	15%	1
003.99	Fat, Crude, Miscellaneous (%)	0880	0.9000	1.400				2			0
003.99	Fat, Crude, Miscellaneous (%)	0536	1.810	0.0600				2			0
004.00	Fiber, Crude, Asbestos Free (%)	0695	10.59	0.6500	11.67	0.9445	0.2500	15	-1.15	5%	0
004.00	Fiber, Crude, Asbestos Free (%)	0345	10.62	0.2300	11.67	0.9445	0.2500	15	-1.12	5%	0
004.00	Fiber, Crude, Asbestos Free (%)	0354	10.72	0.0400	11.67	0.9445	0.2500	15	-1.01	4%	0
004.00	Fiber, Crude, Asbestos Free (%)	0169	10.99	0.0900	11.67	0.9445	0.2500	15	-0.73	3%	0
004.00	Fiber, Crude, Asbestos Free (%)	0309	11.10	0.3071	11.67	0.9445	0.2500	15	-0.61	2%	0
004.00	Fiber, Crude, Asbestos Free (%)	2073	11.36	0.5300	11.67	0.9445	0.2500	15	-0.33	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	0164	11.45	0.1000	11.67	0.9445	0.2500	15	-0.23	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	0171	11.45	0.3000	11.67	0.9445	0.2500	15	-0.23	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	0425	11.85	0.1000	11.67	0.9445	0.2500	15	0.19	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	2076	11.88	0.1728	11.67	0.9445	0.2500	15	0.22	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	0175	11.95	0.1000	11.67	0.9445	0.2500	15	0.30	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	0511	12.30	0.2000	11.67	0.9445	0.2500	15	0.67	3%	0
004.00	Fiber, Crude, Asbestos Free (%)	0884	12.65	0.7000	11.67	0.9445	0.2500	15	1.04	4%	0
004.00	Fiber, Crude, Asbestos Free (%)	0504	13.89	0.1900	11.67	0.9445	0.2500	15	2.34	9%	0
004.00	Fiber, Crude, Asbestos Free (%)	0226	14.61	0.0400	11.67	0.9445	0.2500	15	3.11	13%	0
004.03	Fiber, Crude, Fritted Glass (%)	2089	8.275	0.2900	12.01	2.693	0.3413	8	-1.39	16%	0
004.03	Fiber, Crude, Fritted Glass (%)	0904	11.27	0.5900	12.01	2.693	0.3413	8	-0.28	3%	0
004.03	Fiber, Crude, Fritted Glass (%)	0353	11.36	0.1100	12.01	2.693	0.3413	8	-0.24	3%	0
004.03	Fiber, Crude, Fritted Glass (%)	2190	11.37	0.5300	12.01	2.693	0.3413	8	-0.24	3%	0
004.03	Fiber, Crude, Fritted Glass (%)	0964	11.51	0.5400	12.01	2.693	0.3413	8	-0.18	2%	0
004.03	Fiber, Crude, Fritted Glass (%)	2192	11.52	0.0100	12.01	2.693	0.3413	8	-0.18	2%	0
004.03	Fiber, Crude, Fritted Glass (%)	0693	14.72	0.3600	12.01	2.693	0.3413	8	1.01	11%	0
004.03	Fiber, Crude, Fritted Glass (%)	0045	17.35	0.3000	12.01	2.693	0.3413	8	1.98	22%	0
004.06	Fiber, Crude, Fibertec (%)	0918	9.830	0.0800	11.75	0.6569	0.1955	24	-2.92	8%	0
004.06	Fiber, Crude, Fibertec (%)	0885	10.47	0.1671	11.75	0.6569	0.1955	24	-1.95	5%	0
004.06	Fiber, Crude, Fibertec (%)	0968	10.81	0.3820	11.75	0.6569	0.1955	24	-1.44	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	
004.06	Fiber, Crude, Fibertec (%)	0675	10.95	0.2700	11.75	0.6569	0.1955	24	-1.23	3%	0
004.06	Fiber, Crude, Fibertec (%)	2006	10.97	0.1400	11.75	0.6569	0.1955	24	-1.19	3%	0
004.06	Fiber, Crude, Fibertec (%)	0027	11.40	0.1150	11.75	0.6569	0.1955	24	-0.53	1%	0
004.06	Fiber, Crude, Fibertec (%)	0897	11.50	0.0200	11.75	0.6569	0.1955	24	-0.38	1%	0
004.06	Fiber, Crude, Fibertec (%)	2022	11.56	0.0500	11.75	0.6569	0.1955	24	-0.30	1%	0
004.06	Fiber, Crude, Fibertec (%)	0205	11.60	0.4000	11.75	0.6569	0.1955	24	-0.23	1%	0
004.06	Fiber, Crude, Fibertec (%)	0689	11.70	0.4000	11.75	0.6569	0.1955	24	-0.08	0%	0
004.06	Fiber, Crude, Fibertec (%)	0881	11.74	0.5670	11.75	0.6569	0.1955	24	-0.02	0%	0
004.06	Fiber, Crude, Fibertec (%)	2198	11.89	0.1800	11.75	0.6569	0.1955	24	0.21	1%	0
004.06	Fiber, Crude, Fibertec (%)	0868	11.90	0.0600	11.75	0.6569	0.1955	24	0.23	1%	0
004.06	Fiber, Crude, Fibertec (%)	0098	11.94	0.4500	11.75	0.6569	0.1955	24	0.28	1%	0
004.06	Fiber, Crude, Fibertec (%)	0952	11.94	0.0800	11.75	0.6569	0.1955	24	0.29	1%	0
004.06	Fiber, Crude, Fibertec (%)	0674	11.98	0.0000	11.75	0.6569	0.1955	24	0.35	1%	0
004.06	Fiber, Crude, Fibertec (%)	0893	12.02	0.0000	11.75	0.6569	0.1955	24	0.41	1%	0
004.06	Fiber, Crude, Fibertec (%)	0941	12.03	0.1200	11.75	0.6569	0.1955	24	0.42	1%	0
004.06	Fiber, Crude, Fibertec (%)	0609	12.15	0.1700	11.75	0.6569	0.1955	24	0.60	2%	0
004.06	Fiber, Crude, Fibertec (%)	0638	12.15	0.1000	11.75	0.6569	0.1955	24	0.61	2%	0
004.06	Fiber, Crude, Fibertec (%)	0878	12.47	0.0500	11.75	0.6569	0.1955	24	1.09	3%	0
004.06	Fiber, Crude, Fibertec (%)	2062	12.52	0.2107	11.75	0.6569	0.1955	24	1.17	3%	0
004.06	Fiber, Crude, Fibertec (%)	0948	12.58	0.3100	11.75	0.6569	0.1955	24	1.25	4%	0
004.06	Fiber, Crude, Fibertec (%)	0720	13.38	0.3700	11.75	0.6569	0.1955	24	2.47	7%	0
004.06	Fiber, Crude, Fibertec (%)	2200	8.950	2.100	11.75	0.6569	0.1955	24	-4.26	12%	1
004.07	Fiber, Crude, ANKOM (%)	0643	0.1297	0.0052	11.38	1.971	0.4201	61	-5.71	49%	0
004.07	Fiber, Crude, ANKOM (%)	0123	8.670	0.1800	11.38	1.971	0.4201	61	-1.37	12%	0
004.07	Fiber, Crude, ANKOM (%)	0028	8.800	0.8000	11.38	1.971	0.4201	61	-1.31	11%	0
004.07	Fiber, Crude, ANKOM (%)	0505	8.830	0.1200	11.38	1.971	0.4201	61	-1.29	11%	0
004.07	Fiber, Crude, ANKOM (%)	0619	9.060	0.0000	11.38	1.971	0.4201	61	-1.18	10%	0
004.07	Fiber, Crude, ANKOM (%)	0004	9.110	0.4400	11.38	1.971	0.4201	61	-1.15	10%	0
004.07	Fiber, Crude, ANKOM (%)	0939	9.260	0.6400	11.38	1.971	0.4201	61	-1.07	9%	0
004.07	Fiber, Crude, ANKOM (%)	0683	9.355	0.0700	11.38	1.971	0.4201	61	-1.03	9%	0
004.07	Fiber, Crude, ANKOM (%)	0861	9.585	0.0100	11.38	1.971	0.4201	61	-0.91	8%	0
004.07	Fiber, Crude, ANKOM (%)	0510	9.650	0.1000	11.38	1.971	0.4201	61	-0.88	8%	0
004.07	Fiber, Crude, ANKOM (%)	0278	9.850	0.1000	11.38	1.971	0.4201	61	-0.78	7%	0
004.07	Fiber, Crude, ANKOM (%)	0956	9.900	1.400	11.38	1.971	0.4201	61	-0.75	6%	0
004.07	Fiber, Crude, ANKOM (%)	0682	9.900	0.0000	11.38	1.971	0.4201	61	-0.75	6%	0
004.07	Fiber, Crude, ANKOM (%)	0520	10.00	1.400	11.38	1.971	0.4201	61	-0.70	6%	0
004.07	Fiber, Crude, ANKOM (%)	0003	10.18	0.5500	11.38	1.971	0.4201	61	-0.61	5%	0
004.07	Fiber, Crude, ANKOM (%)	0644	10.20	0.5120	11.38	1.971	0.4201	61	-0.60	5%	0
004.07	Fiber, Crude, ANKOM (%)	0019	10.22	0.0800	11.38	1.971	0.4201	61	-0.59	5%	0
004.07	Fiber, Crude, ANKOM (%)	0848	10.28	0.0000	11.38	1.971	0.4201	61	-0.56	5%	0
004.07	Fiber, Crude, ANKOM (%)	2190	10.32	0.9500	11.38	1.971	0.4201	61	-0.54	5%	0
004.07	Fiber, Crude, ANKOM (%)	0849	10.32	0.1800	11.38	1.971	0.4201	61	-0.54	5%	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 (%)	0100	10.35	0.1300	11.38	1.971	0.4201	61	-0.52	5%	0
004.07	Fiber, Crude, ANKOM (%)	0265	10.35	0.5000	11.38	1.971	0.4201	61	-0.52	5%	0
004.07	Fiber, Crude, ANKOM (%)	0675	10.43	0.0300	11.38	1.971	0.4201	61	-0.48	4%	0
004.07	Fiber, Crude, ANKOM (%)	2109	10.49	0.4400	11.38	1.971	0.4201	61	-0.45	4%	0
004.07	Fiber, Crude, ANKOM (%)	0190	10.50	0.2000	11.38	1.971	0.4201	61	-0.45	4%	0
004.07	Fiber, Crude, ANKOM (%)	0948	10.53	0.2700	11.38	1.971	0.4201	61	-0.43	4%	0
004.07	Fiber, Crude, ANKOM (%)	2193	10.60	0.1700	11.38	1.971	0.4201	61	-0.40	3%	0
004.07	Fiber, Crude, ANKOM (%)	0074	10.64	0.4400	11.38	1.971	0.4201	61	-0.37	3%	0
004.07	Fiber, Crude, ANKOM (%)	0692	10.85	0.7000	11.38	1.971	0.4201	61	-0.27	2%	0
004.07	Fiber, Crude, ANKOM (%)	0968	10.92	0.1340	11.38	1.971	0.4201	61	-0.23	2%	0
004.07	Fiber, Crude, ANKOM (%)	0098	11.31	0.7500	11.38	1.971	0.4201	61	-0.04	0%	0
004.07	Fiber, Crude, ANKOM (%)	0596	11.32	0.0400	11.38	1.971	0.4201	61	-0.03	0%	0
004.07	Fiber, Crude, ANKOM (%)	0656	11.33	0.5200	11.38	1.971	0.4201	61	-0.02	0%	0
004.07	Fiber, Crude, ANKOM (%)	2009	11.35	0.0553	11.38	1.971	0.4201	61	-0.02	0%	0
004.07	Fiber, Crude, ANKOM (%)	0653	11.52	0.4400	11.38	1.971	0.4201	61	0.07	1%	0
004.07	Fiber, Crude, ANKOM (%)	0876	11.57	0.0535	11.38	1.971	0.4201	61	0.10	1%	0
004.07	Fiber, Crude, ANKOM (%)	2196	11.57	0.0000	11.38	1.971	0.4201	61	0.10	1%	0
004.07	Fiber, Crude, ANKOM (%)	0726	11.65	0.0500	11.38	1.971	0.4201	61	0.14	1%	0
004.07	Fiber, Crude, ANKOM (%)	0263	11.66	0.2177	11.38	1.971	0.4201	61	0.14	1%	0
004.07	Fiber, Crude, ANKOM (%)	0202	11.75	0.8530	11.38	1.971	0.4201	61	0.19	2%	0
004.07	Fiber, Crude, ANKOM (%)	0229	12.00	0.2200	11.38	1.971	0.4201	61	0.32	3%	0
004.07	Fiber, Crude, ANKOM (%)	0089	12.10	0.0200	11.38	1.971	0.4201	61	0.37	3%	0
004.07	Fiber, Crude, ANKOM (%)	0646	12.16	1.470	11.38	1.971	0.4201	61	0.39	3%	0
004.07	Fiber, Crude, ANKOM (%)	0870	12.22	0.3251	11.38	1.971	0.4201	61	0.43	4%	0
004.07	Fiber, Crude, ANKOM (%)	0723	12.27	0.0000	11.38	1.971	0.4201	61	0.45	4%	0
004.07	Fiber, Crude, ANKOM (%)	0009	12.51	0.2600	11.38	1.971	0.4201	61	0.57	5%	0
004.07	Fiber, Crude, ANKOM (%)	2181	12.76	0.0800	11.38	1.971	0.4201	61	0.70	6%	0
004.07	Fiber, Crude, ANKOM (%)	0910	12.80	0.8000	11.38	1.971	0.4201	61	0.72	6%	0
004.07	Fiber, Crude, ANKOM (%)	0407	13.17	0.7694	11.38	1.971	0.4201	61	0.91	8%	0
004.07	Fiber, Crude, ANKOM (%)	2188	13.59	1.500	11.38	1.971	0.4201	61	1.12	10%	0
004.07	Fiber, Crude, ANKOM (%)	0083	13.61	0.8400	11.38	1.971	0.4201	61	1.13	10%	0
004.07	Fiber, Crude, ANKOM (%)	0144	13.80	0.1800	11.38	1.971	0.4201	61	1.23	11%	0
004.07	Fiber, Crude, ANKOM (%)	0626	14.03	0.9200	11.38	1.971	0.4201	61	1.35	12%	0
004.07	Fiber, Crude, ANKOM (%)	0536	14.16	1.440	11.38	1.971	0.4201	61	1.41	12%	0
004.07	Fiber, Crude, ANKOM (%)	0016	14.40	0.4000	11.38	1.971	0.4201	61	1.53	13%	0
004.07	Fiber, Crude, ANKOM (%)	0598	14.45	0.4300	11.38	1.971	0.4201	61	1.56	13%	0
004.07	Fiber, Crude, ANKOM (%)	0354	14.69	0.1300	11.38	1.971	0.4201	61	1.68	15%	0
004.07	Fiber, Crude, ANKOM (%)	0034	15.07	0.0700	11.38	1.971	0.4201	61	1.87	16%	0
004.07	Fiber, Crude, ANKOM (%)	0032	15.23	0.8400	11.38	1.971	0.4201	61	1.95	17%	0
004.07	Fiber, Crude, ANKOM (%)	0955	15.25	0.9000	11.38	1.971	0.4201	61	1.96	17%	0
004.07	Fiber, Crude, ANKOM (%)	0066	15.40	0.5000	11.38	1.971	0.4201	61	2.04	18%	0
004.07	Fiber, Crude, ANKOM (%)	0553	14.78	2.240	11.38	1.971	0.4201	61	1.73	15%	1

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
004.11	Fiber, Crude, NIR (%)	0889	13.66	0.7300				3			0
004.11	Fiber, Crude, NIR (%)	0405	13.80	0.0000				3			0
004.11	Fiber, Crude, NIR (%)	0852	13.89	0.2900				3			0
004.11	Fiber, Crude, NIR (%)	0720	11.25	0.1000				3			2
004.99	Fiber, Crude, Miscellaneous (%)	2126	9.015	0.1300				3			0
004.99	Fiber, Crude, Miscellaneous (%)	0610	9.700	0.2000				3			0
004.99	Fiber, Crude, Miscellaneous (%)	2145	10.78	0.2000				3			0
005.00	Ash, 2h @ 600°C (%)	0853	20.00	1.800	20.77	0.2295	0.1310	87	-3.36	2%	0
005.00	Ash, 2h @ 600°C (%)	0674	20.26	0.0000	20.77	0.2295	0.1310	87	-2.23	1%	0
005.00	Ash, 2h @ 600°C (%)	0539	20.37	0.0800	20.77	0.2295	0.1310	87	-1.75	1%	0
005.00	Ash, 2h @ 600°C (%)	0425	20.39	0.0200	20.77	0.2295	0.1310	87	-1.66	1%	0
005.00	Ash, 2h @ 600°C (%)	0169	20.43	0.0200	20.77	0.2295	0.1310	87	-1.49	1%	0
005.00	Ash, 2h @ 600°C (%)	0511	20.45	0.1000	20.77	0.2295	0.1310	87	-1.40	1%	0
005.00	Ash, 2h @ 600°C (%)	0874	20.50	0.0300	20.77	0.2295	0.1310	87	-1.20	1%	0
005.00	Ash, 2h @ 600°C (%)	0108	20.50	0.1400	20.77	0.2295	0.1310	87	-1.18	1%	0
005.00	Ash, 2h @ 600°C (%)	0175	20.50	0.0000	20.77	0.2295	0.1310	87	-1.18	1%	0
005.00	Ash, 2h @ 600°C (%)	0164	20.52	0.0100	20.77	0.2295	0.1310	87	-1.12	1%	0
005.00	Ash, 2h @ 600°C (%)	0589	20.54	0.0300	20.77	0.2295	0.1310	87	-1.03	1%	0
005.00	Ash, 2h @ 600°C (%)	2006	20.55	0.0000	20.77	0.2295	0.1310	87	-0.96	1%	0
005.00	Ash, 2h @ 600°C (%)	0870	20.56	0.0567	20.77	0.2295	0.1310	87	-0.93	1%	0
005.00	Ash, 2h @ 600°C (%)	0618	20.56	0.0566	20.77	0.2295	0.1310	87	-0.93	1%	0
005.00	Ash, 2h @ 600°C (%)	0004	20.58	0.0100	20.77	0.2295	0.1310	87	-0.86	0%	0
005.00	Ash, 2h @ 600°C (%)	0596	20.58	0.0700	20.77	0.2295	0.1310	87	-0.86	0%	0
005.00	Ash, 2h @ 600°C (%)	0278	20.58	0.3000	20.77	0.2295	0.1310	87	-0.83	0%	0
005.00	Ash, 2h @ 600°C (%)	0682	20.59	0.0000	20.77	0.2295	0.1310	87	-0.79	0%	0
005.00	Ash, 2h @ 600°C (%)	0358	20.60	0.0400	20.77	0.2295	0.1310	87	-0.75	0%	0
005.00	Ash, 2h @ 600°C (%)	2223	20.61	0.0500	20.77	0.2295	0.1310	87	-0.72	0%	0
005.00	Ash, 2h @ 600°C (%)	0019	20.61	0.1600	20.77	0.2295	0.1310	87	-0.70	0%	0
005.00	Ash, 2h @ 600°C (%)	0171	20.62	0.0300	20.77	0.2295	0.1310	87	-0.68	0%	0
005.00	Ash, 2h @ 600°C (%)	0651	20.62	0.0710	20.77	0.2295	0.1310	87	-0.67	0%	0
005.00	Ash, 2h @ 600°C (%)	2150	20.63	0.0100	20.77	0.2295	0.1310	87	-0.64	0%	0
005.00	Ash, 2h @ 600°C (%)	2193	20.63	0.0700	20.77	0.2295	0.1310	87	-0.64	0%	0
005.00	Ash, 2h @ 600°C (%)	0541	20.65	0.0300	20.77	0.2295	0.1310	87	-0.55	0%	0
005.00	Ash, 2h @ 600°C (%)	0265	20.65	0.1000	20.77	0.2295	0.1310	87	-0.53	0%	0
005.00	Ash, 2h @ 600°C (%)	0357	20.65	0.1000	20.77	0.2295	0.1310	87	-0.53	0%	0
005.00	Ash, 2h @ 600°C (%)	0049	20.66	0.0500	20.77	0.2295	0.1310	87	-0.51	0%	0
005.00	Ash, 2h @ 600°C (%)	0144	20.66	0.0300	20.77	0.2295	0.1310	87	-0.51	0%	0
005.00	Ash, 2h @ 600°C (%)	0646	20.67	0.0700	20.77	0.2295	0.1310	87	-0.46	0%	0
005.00	Ash, 2h @ 600°C (%)	2181	20.67	0.1700	20.77	0.2295	0.1310	87	-0.46	0%	0
005.00	Ash, 2h @ 600°C (%)	0723	20.69	0.0000	20.77	0.2295	0.1310	87	-0.35	0%	0
005.00	Ash, 2h @ 600°C (%)	0510	20.70	0.0100	20.77	0.2295	0.1310	87	-0.33	0%	0
005.00	Ash, 2h @ 600°C (%)	0027	20.70	0.0380	20.77	0.2295	0.1310	87	-0.32	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
005.00	Ash, 2h @ 600°C (%)	0001	20.70	0.0068	20.77	0.2295	0.1310	87	-0.31	0%	0
005.00	Ash, 2h @ 600°C (%)	0653	20.70	0.0000	20.77	0.2295	0.1310	87	-0.31	0%	0
005.00	Ash, 2h @ 600°C (%)	0186	20.70	0.2000	20.77	0.2295	0.1310	87	-0.31	0%	0
005.00	Ash, 2h @ 600°C (%)	0520	20.72	0.1300	20.77	0.2295	0.1310	87	-0.25	0%	0
005.00	Ash, 2h @ 600°C (%)	0205	20.73	0.0500	20.77	0.2295	0.1310	87	-0.20	0%	0
005.00	Ash, 2h @ 600°C (%)	2195	20.74	0.0000	20.77	0.2295	0.1310	87	-0.14	0%	0
005.00	Ash, 2h @ 600°C (%)	0861	20.74	0.0200	20.77	0.2295	0.1310	87	-0.14	0%	0
005.00	Ash, 2h @ 600°C (%)	0354	20.75	0.0000	20.77	0.2295	0.1310	87	-0.09	0%	0
005.00	Ash, 2h @ 600°C (%)	2200	20.75	0.1000	20.77	0.2295	0.1310	87	-0.09	0%	0
005.00	Ash, 2h @ 600°C (%)	0505	20.77	0.0600	20.77	0.2295	0.1310	87	-0.01	0%	0
005.00	Ash, 2h @ 600°C (%)	0407	20.78	0.0394	20.77	0.2295	0.1310	87	0.02	0%	0
005.00	Ash, 2h @ 600°C (%)	0098	20.78	0.3000	20.77	0.2295	0.1310	87	0.04	0%	0
005.00	Ash, 2h @ 600°C (%)	0656	20.78	0.1600	20.77	0.2295	0.1310	87	0.04	0%	0
005.00	Ash, 2h @ 600°C (%)	0045	20.80	0.2000	20.77	0.2295	0.1310	87	0.13	0%	0
005.00	Ash, 2h @ 600°C (%)	0142	20.80	0.0400	20.77	0.2295	0.1310	87	0.13	0%	0
005.00	Ash, 2h @ 600°C (%)	0553	20.81	0.0100	20.77	0.2295	0.1310	87	0.15	0%	0
005.00	Ash, 2h @ 600°C (%)	0953	20.81	0.1100	20.77	0.2295	0.1310	87	0.15	0%	0
005.00	Ash, 2h @ 600°C (%)	0504	20.82	0.1500	20.77	0.2295	0.1310	87	0.19	0%	0
005.00	Ash, 2h @ 600°C (%)	2188	20.82	0.0100	20.77	0.2295	0.1310	87	0.19	0%	0
005.00	Ash, 2h @ 600°C (%)	0187	20.83	0.0200	20.77	0.2295	0.1310	87	0.26	0%	0
005.00	Ash, 2h @ 600°C (%)	0848	20.84	0.0100	20.77	0.2295	0.1310	87	0.28	0%	0
005.00	Ash, 2h @ 600°C (%)	0083	20.85	0.4800	20.77	0.2295	0.1310	87	0.34	0%	0
005.00	Ash, 2h @ 600°C (%)	0956	20.85	0.1000	20.77	0.2295	0.1310	87	0.34	0%	0
005.00	Ash, 2h @ 600°C (%)	2022	20.85	0.0000	20.77	0.2295	0.1310	87	0.34	0%	0
005.00	Ash, 2h @ 600°C (%)	0598	20.86	0.0300	20.77	0.2295	0.1310	87	0.36	0%	0
005.00	Ash, 2h @ 600°C (%)	2076	20.86	0.0945	20.77	0.2295	0.1310	87	0.40	0%	0
005.00	Ash, 2h @ 600°C (%)	0016	20.90	0.0000	20.77	0.2295	0.1310	87	0.56	0%	0
005.00	Ash, 2h @ 600°C (%)	0876	20.90	0.5575	20.77	0.2295	0.1310	87	0.56	0%	0
005.00	Ash, 2h @ 600°C (%)	0226	20.91	0.2100	20.77	0.2295	0.1310	87	0.58	0%	0
005.00	Ash, 2h @ 600°C (%)	2053	20.91	0.0800	20.77	0.2295	0.1310	87	0.60	0%	0
005.00	Ash, 2h @ 600°C (%)	0948	20.92	0.0300	20.77	0.2295	0.1310	87	0.63	0%	0
005.00	Ash, 2h @ 600°C (%)	0345	20.94	0.0700	20.77	0.2295	0.1310	87	0.71	0%	0
005.00	Ash, 2h @ 600°C (%)	0309	20.96	0.0590	20.77	0.2295	0.1310	87	0.81	0%	0
005.00	Ash, 2h @ 600°C (%)	0630	20.97	0.2900	20.77	0.2295	0.1310	87	0.84	0%	0
005.00	Ash, 2h @ 600°C (%)	0881	20.97	0.1100	20.77	0.2295	0.1310	87	0.84	0%	0
005.00	Ash, 2h @ 600°C (%)	0353	20.98	0.0300	20.77	0.2295	0.1310	87	0.89	0%	0
005.00	Ash, 2h @ 600°C (%)	2196	20.98	0.0000	20.77	0.2295	0.1310	87	0.91	1%	0
005.00	Ash, 2h @ 600°C (%)	0968	21.00	0.0200	20.77	0.2295	0.1310	87	0.98	1%	0
005.00	Ash, 2h @ 600°C (%)	0918	21.01	0.0800	20.77	0.2295	0.1310	87	1.04	1%	0
005.00	Ash, 2h @ 600°C (%)	0229	21.03	0.1400	20.77	0.2295	0.1310	87	1.13	1%	0
005.00	Ash, 2h @ 600°C (%)	0100	21.06	0.5600	20.77	0.2295	0.1310	87	1.26	1%	0
005.00	Ash, 2h @ 600°C (%)	0119	21.08	0.1200	20.77	0.2295	0.1310	87	1.35	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
005.00	Ash, 2h @ 600°C (%)	0609	21.10	0.1500	20.77	0.2295	0.1310	87	1.41	1%	0
005.00	Ash, 2h @ 600°C (%)	0852	21.13	0.1100	20.77	0.2295	0.1310	87	1.54	1%	0
005.00	Ash, 2h @ 600°C (%)	0693	21.14	0.1520	20.77	0.2295	0.1310	87	1.60	1%	0
005.00	Ash, 2h @ 600°C (%)	0047	21.15	0.1000	20.77	0.2295	0.1310	87	1.65	1%	0
005.00	Ash, 2h @ 600°C (%)	0675	21.16	0.0900	20.77	0.2295	0.1310	87	1.67	1%	0
005.00	Ash, 2h @ 600°C (%)	2073	21.21	0.3700	20.77	0.2295	0.1310	87	1.89	1%	0
005.00	Ash, 2h @ 600°C (%)	0123	21.25	0.5000	20.77	0.2295	0.1310	87	2.09	1%	0
005.00	Ash, 2h @ 600°C (%)	0148	21.31	0.1900	20.77	0.2295	0.1310	87	2.33	1%	0
005.00	Ash, 2h @ 600°C (%)	0880	21.33	0.6500	20.77	0.2295	0.1310	87	2.41	1%	0
005.00	Ash, 2h @ 600°C (%)	0034	21.43	0.6580	20.77	0.2295	0.1310	87	2.87	2%	0
005.00	Ash, 2h @ 600°C (%)	2089	25.42	10.15	20.77	0.2295	0.1310	87	20.23	11%	1
005.00	Ash, 2h @ 600°C (%)	0643	0.2079	0.0018	20.77	0.2295	0.1310	87	-89.60	49%	2
005.02	Ash, LECO (%)	0644	21.40	0.3000				1			0
005.03	Ash, Microwave furnace (%)	0912	20.70	0.0000				1			0
005.05	Ash, 3h @ 550°C (%)	0726	20.53	0.0300	20.95	0.2622	0.0917	34	-1.62	1%	0
005.05	Ash, 3h @ 550°C (%)	2109	20.58	0.0100	20.95	0.2622	0.0917	34	-1.42	1%	0
005.05	Ash, 3h @ 550°C (%)	0066	20.62	0.0600	20.95	0.2622	0.0917	34	-1.25	1%	0
005.05	Ash, 3h @ 550°C (%)	0878	20.65	0.1100	20.95	0.2622	0.0917	34	-1.16	1%	0
005.05	Ash, 3h @ 550°C (%)	0695	20.67	0.0610	20.95	0.2622	0.0917	34	-1.06	1%	0
005.05	Ash, 3h @ 550°C (%)	0263	20.68	0.0016	20.95	0.2622	0.0917	34	-1.03	1%	0
005.05	Ash, 3h @ 550°C (%)	2192	20.69	0.0200	20.95	0.2622	0.0917	34	-0.99	1%	0
005.05	Ash, 3h @ 550°C (%)	0692	20.75	0.3000	20.95	0.2622	0.0917	34	-0.76	0%	0
005.05	Ash, 3h @ 550°C (%)	0152	20.77	0.0700	20.95	0.2622	0.0917	34	-0.70	0%	0
005.05	Ash, 3h @ 550°C (%)	0689	20.79	0.0100	20.95	0.2622	0.0917	34	-0.62	0%	0
005.05	Ash, 3h @ 550°C (%)	0849	20.80	0.0090	20.95	0.2622	0.0917	34	-0.58	0%	0
005.05	Ash, 3h @ 550°C (%)	0003	20.85	0.1000	20.95	0.2622	0.0917	34	-0.38	0%	0
005.05	Ash, 3h @ 550°C (%)	0893	20.85	0.0000	20.95	0.2622	0.0917	34	-0.38	0%	0
005.05	Ash, 3h @ 550°C (%)	0619	20.90	0.0000	20.95	0.2622	0.0917	34	-0.19	0%	0
005.05	Ash, 3h @ 550°C (%)	0683	20.92	0.4700	20.95	0.2622	0.0917	34	-0.13	0%	0
005.05	Ash, 3h @ 550°C (%)	2012	20.92	0.1900	20.95	0.2622	0.0917	34	-0.13	0%	0
005.05	Ash, 3h @ 550°C (%)	0590	20.95	0.1000	20.95	0.2622	0.0917	34	0.01	0%	0
005.05	Ash, 3h @ 550°C (%)	0638	20.97	0.0600	20.95	0.2622	0.0917	34	0.08	0%	0
005.05	Ash, 3h @ 550°C (%)	0889	20.99	0.2400	20.95	0.2622	0.0917	34	0.16	0%	0
005.05	Ash, 3h @ 550°C (%)	2062	21.00	0.2000	20.95	0.2622	0.0917	34	0.20	0%	0
005.05	Ash, 3h @ 550°C (%)	0897	21.01	0.0000	20.95	0.2622	0.0917	34	0.23	0%	0
005.05	Ash, 3h @ 550°C (%)	0868	21.03	0.0100	20.95	0.2622	0.0917	34	0.29	0%	0
005.05	Ash, 3h @ 550°C (%)	0885	21.03	0.0373	20.95	0.2622	0.0917	34	0.31	0%	0
005.05	Ash, 3h @ 550°C (%)	2009	21.07	0.0086	20.95	0.2622	0.0917	34	0.45	0%	0
005.05	Ash, 3h @ 550°C (%)	0720	21.07	0.0400	20.95	0.2622	0.0917	34	0.46	0%	0
005.05	Ash, 3h @ 550°C (%)	0610	21.11	0.0500	20.95	0.2622	0.0917	34	0.60	0%	0
005.05	Ash, 3h @ 550°C (%)	2126	21.13	0.0100	20.95	0.2622	0.0917	34	0.67	0%	0
005.05	Ash, 3h @ 550°C (%)	2190	21.15	0.2400	20.95	0.2622	0.0917	34	0.77	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			
005.05	Ash, 3h @ 550°C (%)	2198	21.17	0.0600	20.95	0.2622	0.0917	34	0.84	1%	0
005.05	Ash, 3h @ 550°C (%)	0685	21.29	0.0000	20.95	0.2622	0.0917	34	1.30	1%	0
005.05	Ash, 3h @ 550°C (%)	2145	21.31	0.1800	20.95	0.2622	0.0917	34	1.38	1%	0
005.05	Ash, 3h @ 550°C (%)	2146	21.38	0.2200	20.95	0.2622	0.0917	34	1.65	1%	0
005.05	Ash, 3h @ 550°C (%)	0941	21.48	0.1600	20.95	0.2622	0.0917	34	2.03	1%	0
005.05	Ash, 3h @ 550°C (%)	0190	21.49	0.0600	20.95	0.2622	0.0917	34	2.07	1%	0
005.05	Ash, 3h @ 550°C (%)	0955	21.45	0.9000	20.95	0.2622	0.0917	34	1.91	1%	1
005.05	Ash, 3h @ 550°C (%)	2129	24.35	0.5000	20.95	0.2622	0.0917	34	12.97	8%	2
005.11	Ash, NIR (%)	0852	2.085	0.0100				3			0
005.11	Ash, NIR (%)	0720	13.59	0.1000				3			0
005.11	Ash, NIR (%)	0889	29.37	0.7200				3			0
005.99	Ash, Miscellaneous (%)	2081	20.30	0.3500	20.99	0.4083	0.1184	10	-1.71	2%	0
005.99	Ash, Miscellaneous (%)	0574	20.70	0.0100	20.99	0.4083	0.1184	10	-0.73	1%	0
005.99	Ash, Miscellaneous (%)	0536	20.78	0.0700	20.99	0.4083	0.1184	10	-0.54	1%	0
005.99	Ash, Miscellaneous (%)	0202	20.80	0.0340	20.99	0.4083	0.1184	10	-0.47	0%	0
005.99	Ash, Miscellaneous (%)	2215	20.94	0.0000	20.99	0.4083	0.1184	10	-0.13	0%	0
005.99	Ash, Miscellaneous (%)	0629	20.99	0.2100	20.99	0.4083	0.1184	10	-0.02	0%	0
005.99	Ash, Miscellaneous (%)	0884	21.05	0.1000	20.99	0.4083	0.1184	10	0.14	0%	0
005.99	Ash, Miscellaneous (%)	0676	21.38	0.0300	20.99	0.4083	0.1184	10	0.93	1%	0
005.99	Ash, Miscellaneous (%)	0939	21.39	0.0800	20.99	0.4083	0.1184	10	0.97	1%	0
005.99	Ash, Miscellaneous (%)	0910	21.55	0.3000	20.99	0.4083	0.1184	10	1.36	1%	0
006.00	Total Sugars, As sucrose (%)	0910	3.885	0.0100				2			0
006.00	Total Sugars, As sucrose (%)	0407	4.899	0.5430				2			0
006.01	Total Sugars, Mod. Fehling Soln (%)	2190	7.130	0.3200				1			0
006.99	Total Sugars, Miscellaneous (%)	0148	3.450	0.3000				2			0
006.99	Total Sugars, Miscellaneous (%)	0956	4.600	0.2000				2			0
006.99	Total Sugars, Miscellaneous (%)	0720	0.0000	0.0000				2			4
008.02	Fiber, Acid Detergent, Crucible (%)	0948	11.49	0.1600	15.10	1.162	0.2487	15	-3.11	12%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0590	12.75	0.3000	15.10	1.162	0.2487	15	-2.03	8%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0504	13.54	0.8400	15.10	1.162	0.2487	15	-1.35	5%	0
008.02	Fiber, Acid Detergent, Crucible (%)	2192	14.47	0.0200	15.10	1.162	0.2487	15	-0.54	2%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0609	14.84	0.0100	15.10	1.162	0.2487	15	-0.23	1%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0885	14.87	0.4704	15.10	1.162	0.2487	15	-0.20	1%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0098	15.26	0.0600	15.10	1.162	0.2487	15	0.13	1%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0674	15.33	0.0000	15.10	1.162	0.2487	15	0.20	1%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0689	15.40	0.6000	15.10	1.162	0.2487	15	0.26	1%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0345	15.53	0.2500	15.10	1.162	0.2487	15	0.36	1%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0353	15.86	0.1600	15.10	1.162	0.2487	15	0.65	3%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0226	16.04	0.0400	15.10	1.162	0.2487	15	0.81	3%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0148	16.11	0.2600	15.10	1.162	0.2487	15	0.87	3%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0675	16.23	0.1800	15.10	1.162	0.2487	15	0.97	4%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0187	16.36	0.3800	15.10	1.162	0.2487	15	1.08	4%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
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008.02	Fiber, Acid Detergent, Crucible (%)	0309	17.08	1.801	15.10	1.162	0.2487	15	1.70	7%	1
008.05	Fiber, Acid Detergent, Acid Detergent-Hach (%)	0265	16.45	0.7000				1			0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0004	11.03	0.2700	13.56	1.874	0.4262	38	-1.35	9%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0164	11.25	0.3000	13.56	1.874	0.4262	38	-1.23	9%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0968	11.34	0.1530	13.56	1.874	0.4262	38	-1.19	8%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0956	11.45	0.1000	13.56	1.874	0.4262	38	-1.13	8%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0939	11.71	1.340	13.56	1.874	0.4262	38	-0.99	7%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0861	11.76	0.1900	13.56	1.874	0.4262	38	-0.97	7%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0910	12.26	0.5000	13.56	1.874	0.4262	38	-0.70	5%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0878	12.27	0.1500	13.56	1.874	0.4262	38	-0.69	5%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0049	12.33	0.3300	13.56	1.874	0.4262	38	-0.66	5%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0278	12.40	0.8000	13.56	1.874	0.4262	38	-0.62	4%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2190	12.60	0.5700	13.56	1.874	0.4262	38	-0.52	4%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0646	12.66	1.230	13.56	1.874	0.4262	38	-0.49	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0148	12.83	0.9200	13.56	1.874	0.4262	38	-0.39	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0918	12.86	0.4316	13.56	1.874	0.4262	38	-0.38	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0510	12.95	0.5000	13.56	1.874	0.4262	38	-0.33	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0357	13.00	0.8000	13.56	1.874	0.4262	38	-0.30	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0358	13.11	0.3000	13.56	1.874	0.4262	38	-0.24	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0066	13.17	0.6500	13.56	1.874	0.4262	38	-0.21	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0263	13.29	0.0040	13.56	1.874	0.4262	38	-0.15	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2129	13.30	0.7500	13.56	1.874	0.4262	38	-0.14	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0848	13.34	0.0000	13.56	1.874	0.4262	38	-0.12	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0653	13.35	0.2700	13.56	1.874	0.4262	38	-0.12	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2196	13.45	0.0000	13.56	1.874	0.4262	38	-0.06	0%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0354	13.46	0.0500	13.56	1.874	0.4262	38	-0.06	0%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0870	13.65	0.7243	13.56	1.874	0.4262	38	0.05	0%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2193	13.67	0.4800	13.56	1.874	0.4262	38	0.06	0%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0904	13.76	0.5700	13.56	1.874	0.4262	38	0.10	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0407	14.08	0.0452	13.56	1.874	0.4262	38	0.27	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0619	14.20	0.6000	13.56	1.874	0.4262	38	0.34	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0889	14.29	0.0700	13.56	1.874	0.4262	38	0.38	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0016	16.05	0.1000	13.56	1.874	0.4262	38	1.33	9%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0001	16.91	0.5000	13.56	1.874	0.4262	38	1.78	12%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0726	17.31	0.5300	13.56	1.874	0.4262	38	2.00	14%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0083	17.47	0.4600	13.56	1.874	0.4262	38	2.08	14%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0190	17.56	0.1500	13.56	1.874	0.4262	38	2.13	15%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0037	17.74	0.1000	13.56	1.874	0.4262	38	2.23	15%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0045	18.35	1.100	13.56	1.874	0.4262	38	2.55	18%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0693	18.56	0.1560	13.56	1.874	0.4262	38	2.66	18%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0536	13.71	2.530	13.56	1.874	0.4262	38	0.08	1%	1
008.99	Fiber, Acid Detergent, Miscellaneous (%)	0941	14.83	0.1600	16.18	1.499	0.1350	4			0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
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008.99	Fiber, Acid Detergent, Miscellaneous (%)	0511	15.40	0.2000	16.18	1.499	0.1350	4			0
008.99	Fiber, Acid Detergent, Miscellaneous (%)	0035	16.24	0.1700	16.18	1.499	0.1350	4			0
008.99	Fiber, Acid Detergent, Miscellaneous (%)	0720	18.26	0.0100	16.18	1.499	0.1350	4			0
009.04	Fiber, Neutral Detergent, Neutral Det-No ENZ Pretreat (%)	0504	24.36	0.3900				2			0
009.04	Fiber, Neutral Detergent, Neutral Det-No ENZ Pretreat (%)	0674	28.05	0.0000				2			0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0910	23.25	0.5000	26.47	1.172	0.3906	14	-2.74	6%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0226	25.30	0.1800	26.47	1.172	0.3906	14	-0.99	2%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0353	25.57	0.2100	26.47	1.172	0.3906	14	-0.77	2%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0885	25.78	0.0406	26.47	1.172	0.3906	14	-0.59	1%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0590	26.00	0.2000	26.47	1.172	0.3906	14	-0.40	1%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0345	26.09	0.2200	26.47	1.172	0.3906	14	-0.32	1%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	2192	26.25	1.150	26.47	1.172	0.3906	14	-0.19	0%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0187	26.38	0.0100	26.47	1.172	0.3906	14	-0.08	0%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0098	26.60	0.2000	26.47	1.172	0.3906	14	0.11	0%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0609	26.64	1.120	26.47	1.172	0.3906	14	0.15	0%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0675	27.33	0.6100	26.47	1.172	0.3906	14	0.73	2%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0309	27.60	0.4284	26.47	1.172	0.3906	14	0.96	2%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0610	28.15	0.5000	26.47	1.172	0.3906	14	1.44	3%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0689	28.15	0.1000	26.47	1.172	0.3906	14	1.44	3%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0164	20.05	0.1000	23.97	2.442	0.4147	39	-1.60	8%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0870	20.20	0.2768	23.97	2.442	0.4147	39	-1.54	8%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0049	21.00	0.7300	23.97	2.442	0.4147	39	-1.22	6%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0939	21.15	0.5700	23.97	2.442	0.4147	39	-1.16	6%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0861	21.29	0.6200	23.97	2.442	0.4147	39	-1.10	6%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0968	21.72	0.2910	23.97	2.442	0.4147	39	-0.92	5%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0956	21.80	0.4000	23.97	2.442	0.4147	39	-0.89	5%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0878	21.93	0.7200	23.97	2.442	0.4147	39	-0.83	4%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0265	22.15	0.1000	23.97	2.442	0.4147	39	-0.74	4%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0598	22.15	0.2600	23.97	2.442	0.4147	39	-0.74	4%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	2193	22.18	0.8700	23.97	2.442	0.4147	39	-0.73	4%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0358	22.19	1.190	23.97	2.442	0.4147	39	-0.73	4%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0278	22.45	0.1000	23.97	2.442	0.4147	39	-0.62	3%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0263	22.59	0.1336	23.97	2.442	0.4147	39	-0.56	3%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0357	22.85	0.3000	23.97	2.442	0.4147	39	-0.46	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	2196	22.92	0.0000	23.97	2.442	0.4147	39	-0.43	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0407	23.21	1.017	23.97	2.442	0.4147	39	-0.31	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0948	23.83	0.5300	23.97	2.442	0.4147	39	-0.06	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	2190	23.95	1.450	23.97	2.442	0.4147	39	-0.01	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0510	23.95	0.1000	23.97	2.442	0.4147	39	-0.01	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0904	24.08	0.3800	23.97	2.442	0.4147	39	0.05	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0918	24.14	0.4261	23.97	2.442	0.4147	39	0.07	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0148	24.58	0.8000	23.97	2.442	0.4147	39	0.25	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	
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0646	24.75	0.7400	23.97	2.442	0.4147	39	0.32	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0536	24.82	0.0400	23.97	2.442	0.4147	39	0.35	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0354	24.86	0.4400	23.97	2.442	0.4147	39	0.37	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0889	25.25	0.3100	23.97	2.442	0.4147	39	0.52	3%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0619	25.40	0.2000	23.97	2.442	0.4147	39	0.59	3%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0001	25.47	0.4800	23.97	2.442	0.4147	39	0.62	3%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0638	25.70	0.2000	23.97	2.442	0.4147	39	0.71	4%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0848	25.72	0.0000	23.97	2.442	0.4147	39	0.72	4%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0653	26.09	0.5300	23.97	2.442	0.4147	39	0.87	4%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0037	26.35	0.0200	23.97	2.442	0.4147	39	0.98	5%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0083	26.48	0.8900	23.97	2.442	0.4147	39	1.03	5%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0066	26.68	0.3900	23.97	2.442	0.4147	39	1.11	6%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0693	27.54	0.1480	23.97	2.442	0.4147	39	1.46	7%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0726	27.79	0.2200	23.97	2.442	0.4147	39	1.57	8%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0190	27.91	0.1800	23.97	2.442	0.4147	39	1.62	8%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	2129	33.77	0.0200	23.97	2.442	0.4147	39	4.01	20%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0045	29.30	3.200	23.97	2.442	0.4147	39	2.18	11%	1
009.99	Fiber, Neutral Detergent, Miscellaneous (%)	0941	27.15	0.1000				3			0
009.99	Fiber, Neutral Detergent, Miscellaneous (%)	0889	27.18	1.190				3			0
009.99	Fiber, Neutral Detergent, Miscellaneous (%)	0720	27.67	0.4000				3			0
010.03	Moisture, Karl-Fischer (%)	0843	6.670	0.7000				2			0
010.03	Moisture, Karl-Fischer (%)	0164	6.995	0.0900				2			0
010.11	Moisture, NIR (%)	0889	6.110	0.0200				3			0
010.11	Moisture, NIR (%)	0152	8.845	0.0700				3			0
010.11	Moisture, NIR (%)	0720	9.275	0.0100				3			0
010.11	Moisture, NIR (%)	0852	12.23	0.3600				3			1
010.99	Moisture, Miscellaneous (%)	0692	6.050	1.100	7.331	0.7315	0.2094	16	-1.75	9%	0
010.99	Moisture, Miscellaneous (%)	2129	6.380	0.7600	7.331	0.7315	0.2094	16	-1.30	6%	0
010.99	Moisture, Miscellaneous (%)	0853	6.450	0.1000	7.331	0.7315	0.2094	16	-1.20	6%	0
010.99	Moisture, Miscellaneous (%)	2089	6.945	0.1700	7.331	0.7315	0.2094	16	-0.53	3%	0
010.99	Moisture, Miscellaneous (%)	2215	7.190	0.0400	7.331	0.7315	0.2094	16	-0.19	1%	0
010.99	Moisture, Miscellaneous (%)	0939	7.200	0.0000	7.331	0.7315	0.2094	16	-0.18	1%	0
010.99	Moisture, Miscellaneous (%)	0948	7.200	0.1000	7.331	0.7315	0.2094	16	-0.18	1%	0
010.99	Moisture, Miscellaneous (%)	0726	7.235	0.0300	7.331	0.7315	0.2094	16	-0.13	1%	0
010.99	Moisture, Miscellaneous (%)	0952	7.235	0.0300	7.331	0.7315	0.2094	16	-0.13	1%	0
010.99	Moisture, Miscellaneous (%)	0884	7.250	0.1000	7.331	0.7315	0.2094	16	-0.11	1%	0
010.99	Moisture, Miscellaneous (%)	2150	7.565	0.7500	7.331	0.7315	0.2094	16	0.32	2%	0
010.99	Moisture, Miscellaneous (%)	0921	7.750	0.0000	7.331	0.7315	0.2094	16	0.57	3%	0
010.99	Moisture, Miscellaneous (%)	0190	7.965	0.0300	7.331	0.7315	0.2094	16	0.87	4%	0
010.99	Moisture, Miscellaneous (%)	2076	8.125	0.0700	7.331	0.7315	0.2094	16	1.09	5%	0
010.99	Moisture, Miscellaneous (%)	2178	8.145	0.0700	7.331	0.7315	0.2094	16	1.11	6%	0
010.99	Moisture, Miscellaneous (%)	0405	9.710	0.0000	7.331	0.7315	0.2094	16	3.25	16%	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 (%)	2198	6.530	0.1400	8.541	0.4648	0.1286	66	-4.33	12%	0
011.01	Loss on Drying, 135°C 2hr (%)	0175	6.700	0.2000	8.541	0.4648	0.1286	66	-3.96	11%	0
011.01	Loss on Drying, 135°C 2hr (%)	0853	6.800	0.0000	8.541	0.4648	0.1286	66	-3.75	10%	0
011.01	Loss on Drying, 135°C 2hr (%)	0880	6.975	0.2000	8.541	0.4648	0.1286	66	-3.37	9%	0
011.01	Loss on Drying, 135°C 2hr (%)	2031	7.167	0.1046	8.541	0.4648	0.1286	66	-2.96	8%	0
011.01	Loss on Drying, 135°C 2hr (%)	2073	7.635	0.0100	8.541	0.4648	0.1286	66	-1.95	5%	0
011.01	Loss on Drying, 135°C 2hr (%)	2199	7.650	0.1000	8.541	0.4648	0.1286	66	-1.92	5%	0
011.01	Loss on Drying, 135°C 2hr (%)	0598	7.795	0.4700	8.541	0.4648	0.1286	66	-1.61	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	0643	7.840	0.4200	8.541	0.4648	0.1286	66	-1.51	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	0226	7.955	0.0100	8.541	0.4648	0.1286	66	-1.26	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0511	7.970	0.0600	8.541	0.4648	0.1286	66	-1.23	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0874	8.045	0.2500	8.541	0.4648	0.1286	66	-1.07	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0536	8.075	0.2300	8.541	0.4648	0.1286	66	-1.00	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0541	8.140	0.3000	8.541	0.4648	0.1286	66	-0.86	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	2200	8.200	0.4000	8.541	0.4648	0.1286	66	-0.73	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0100	8.240	0.5400	8.541	0.4648	0.1286	66	-0.65	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0953	8.280	0.3000	8.541	0.4648	0.1286	66	-0.56	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	2181	8.315	0.1300	8.541	0.4648	0.1286	66	-0.49	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	2193	8.320	0.1800	8.541	0.4648	0.1286	66	-0.48	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0164	8.335	0.0500	8.541	0.4648	0.1286	66	-0.44	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0202	8.391	0.0520	8.541	0.4648	0.1286	66	-0.32	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0968	8.425	0.0780	8.541	0.4648	0.1286	66	-0.25	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0723	8.450	0.0000	8.541	0.4648	0.1286	66	-0.20	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0653	8.465	0.0300	8.541	0.4648	0.1286	66	-0.16	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0539	8.510	0.1200	8.541	0.4648	0.1286	66	-0.07	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0407	8.530	0.0110	8.541	0.4648	0.1286	66	-0.02	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0098	8.540	0.1000	8.541	0.4648	0.1286	66	0.00	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0354	8.540	0.0200	8.541	0.4648	0.1286	66	0.00	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0682	8.540	0.0000	8.541	0.4648	0.1286	66	0.00	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0881	8.572	0.2080	8.541	0.4648	0.1286	66	0.07	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	2188	8.580	0.0600	8.541	0.4648	0.1286	66	0.08	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0309	8.585	0.1900	8.541	0.4648	0.1286	66	0.09	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0144	8.600	0.0400	8.541	0.4648	0.1286	66	0.13	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0955	8.615	0.1900	8.541	0.4648	0.1286	66	0.16	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0263	8.620	0.0400	8.541	0.4648	0.1286	66	0.17	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0651	8.633	0.0400	8.541	0.4648	0.1286	66	0.20	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0859	8.640	0.0120	8.541	0.4648	0.1286	66	0.21	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0520	8.650	0.1000	8.541	0.4648	0.1286	66	0.23	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0229	8.675	0.0300	8.541	0.4648	0.1286	66	0.29	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0171	8.680	0.0200	8.541	0.4648	0.1286	66	0.30	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0574	8.680	0.0400	8.541	0.4648	0.1286	66	0.30	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0646	8.690	0.0200	8.541	0.4648	0.1286	66	0.32	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
011.01	Loss on Drying, 135°C 2hr (%)	2196	8.700	0.0000	8.541	0.4648	0.1286	66	0.34	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	2022	8.725	0.0300	8.541	0.4648	0.1286	66	0.40	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0033	8.730	0.0800	8.541	0.4648	0.1286	66	0.41	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0294	8.750	0.1000	8.541	0.4648	0.1286	66	0.45	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0510	8.750	0.1000	8.541	0.4648	0.1286	66	0.45	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0242	8.760	0.0400	8.541	0.4648	0.1286	66	0.47	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	2006	8.780	0.3400	8.541	0.4648	0.1286	66	0.51	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0596	8.785	0.0500	8.541	0.4648	0.1286	66	0.52	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0870	8.826	0.2122	8.541	0.4648	0.1286	66	0.61	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0047	8.900	0.4000	8.541	0.4648	0.1286	66	0.77	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0589	8.900	0.3400	8.541	0.4648	0.1286	66	0.77	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0674	8.900	0.0000	8.541	0.4648	0.1286	66	0.77	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0553	8.905	0.0300	8.541	0.4648	0.1286	66	0.78	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0861	8.905	0.0500	8.541	0.4648	0.1286	66	0.78	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0618	8.965	0.0100	8.541	0.4648	0.1286	66	0.91	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0123	9.035	0.2500	8.541	0.4648	0.1286	66	1.06	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0205	9.065	0.1700	8.541	0.4648	0.1286	66	1.13	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0848	9.085	0.0100	8.541	0.4648	0.1286	66	1.17	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0004	9.105	0.0100	8.541	0.4648	0.1286	66	1.21	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0685	9.105	0.3700	8.541	0.4648	0.1286	66	1.21	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0066	9.245	0.2100	8.541	0.4648	0.1286	66	1.51	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	0265	9.300	0.0000	8.541	0.4648	0.1286	66	1.63	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	0358	9.305	0.1900	8.541	0.4648	0.1286	66	1.64	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	0119	9.480	0.0000	8.541	0.4648	0.1286	66	2.02	5%	0
011.01	Loss on Drying, 135°C 2hr (%)	0675	8.130	0.8800	8.541	0.4648	0.1286	66	-0.88	2%	1
011.01	Loss on Drying, 135°C 2hr (%)	0108	8.715	0.9900	8.541	0.4648	0.1286	66	0.37	1%	1
011.02	Loss on Drying, 130°C for 2 hours (%)	2223	8.355	0.0300	8.595	0.3288	0.0650	4			0
011.02	Loss on Drying, 130°C for 2 hours (%)	2075	8.445	0.1300	8.595	0.3288	0.0650	4			0
011.02	Loss on Drying, 130°C for 2 hours (%)	0425	8.500	0.0000	8.595	0.3288	0.0650	4			0
011.02	Loss on Drying, 130°C for 2 hours (%)	0843	9.080	0.1000	8.595	0.3288	0.0650	4			0
011.02	Loss on Drying, 130°C for 2 hours (%)	0942	8.080	0.8400	8.595	0.3288	0.0650	4			1
011.99	Loss on Drying, High Temp. Methods Miscellaneous (%)	0857	8.400	0.0000				2			0
011.99	Loss on Drying, High Temp. Methods Miscellaneous (%)	0852	8.775	0.1700				2			0
012.00	Starch, Polarimetric (Ewers) (%)	0904	7.920	0.4600	13.08	0.3897	0.1753	15	-13.23	20%	0
012.00	Starch, Polarimetric (Ewers) (%)	2188	12.15	0.2600	13.08	0.3897	0.1753	15	-2.38	4%	0
012.00	Starch, Polarimetric (Ewers) (%)	0164	12.55	0.1000	13.08	0.3897	0.1753	15	-1.35	2%	0
012.00	Starch, Polarimetric (Ewers) (%)	2193	12.85	0.0900	13.08	0.3897	0.1753	15	-0.59	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	2196	12.99	0.0000	13.08	0.3897	0.1753	15	-0.22	0%	0
012.00	Starch, Polarimetric (Ewers) (%)	0941	13.10	0.1100	13.08	0.3897	0.1753	15	0.05	0%	0
012.00	Starch, Polarimetric (Ewers) (%)	2009	13.16	0.0093	13.08	0.3897	0.1753	15	0.22	0%	0
012.00	Starch, Polarimetric (Ewers) (%)	0354	13.18	0.2700	13.08	0.3897	0.1753	15	0.25	0%	0
012.00	Starch, Polarimetric (Ewers) (%)	2181	13.21	0.1100	13.08	0.3897	0.1753	15	0.33	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) (%)	0610	13.25	0.3000	13.08	0.3897	0.1753	15	0.45	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0683	13.26	0.0000	13.08	0.3897	0.1753	15	0.47	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	2006	13.27	0.0200	13.08	0.3897	0.1753	15	0.50	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0619	13.30	0.2000	13.08	0.3897	0.1753	15	0.57	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0910	13.40	0.6000	13.08	0.3897	0.1753	15	0.83	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0878	13.75	0.1000	13.08	0.3897	0.1753	15	1.73	3%	0
012.00	Starch, Polarimetric (Ewers) (%)	2192	14.62	1.640	13.08	0.3897	0.1753	15	3.96	6%	1
012.00	Starch, Polarimetric (Ewers) (%)	0609	0.0000	0.0000	13.08	0.3897	0.1753	15			4
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0918	8.662	1.416	11.89	1.209	0.4461	11	-2.67	14%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0045	11.10	0.6000	11.89	1.209	0.4461	11	-0.65	3%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0160	11.12	0.4900	11.89	1.209	0.4461	11	-0.64	3%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0148	11.33	0.1000	11.89	1.209	0.4461	11	-0.46	2%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0164	11.60	0.0000	11.89	1.209	0.4461	11	-0.24	1%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0870	11.81	0.5872	11.89	1.209	0.4461	11	-0.06	0%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0956	11.95	0.3000	11.89	1.209	0.4461	11	0.05	0%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0676	11.99	0.3000	11.89	1.209	0.4461	11	0.08	0%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0693	12.57	0.3740	11.89	1.209	0.4461	11	0.57	3%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	2089	13.53	0.0400	11.89	1.209	0.4461	11	1.36	7%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0265	14.75	0.7000	11.89	1.209	0.4461	11	2.37	12%	0
012.03	Starch, Enzymatic-Colorimetric Method, Miscellaneous (%)	0098	11.30	0.6000	12.42	0.9770	0.3050	4			0
012.03	Starch, Enzymatic-Colorimetric Method, Miscellaneous (%)	0407	11.90	0.1500	12.42	0.9770	0.3050	4			0
012.03	Starch, Enzymatic-Colorimetric Method, Miscellaneous (%)	0955	13.15	0.3000	12.42	0.9770	0.3050	4			0
012.03	Starch, Enzymatic-Colorimetric Method, Miscellaneous (%)	0889	13.32	0.1700	12.42	0.9770	0.3050	4			0
012.03	Starch, Enzymatic-Colorimetric Method, Miscellaneous (%)	0848	23.03	0.0400	12.42	0.9770	0.3050	4			2
012.04	Starch, Enzymatic-Enzyme Membrane Technology (YSI) (%)	0510	8.450	0.1000	11.73	2.381	0.0325	4			0
012.04	Starch, Enzymatic-Enzyme Membrane Technology (YSI) (%)	0353	11.59	0.0100	11.73	2.381	0.0325	4			0
012.04	Starch, Enzymatic-Enzyme Membrane Technology (YSI) (%)	0674	12.98	0.0000	11.73	2.381	0.0325	4			0
012.04	Starch, Enzymatic-Enzyme Membrane Technology (YSI) (%)	0948	13.89	0.0200	11.73	2.381	0.0325	4			0
012.04	Starch, Enzymatic-Enzyme Membrane Technology (YSI) (%)	0278	10.80	0.4000	11.73	2.381	0.0325	4			1
012.11	Starch, NIR (%)	0889	8.985	0.1700				3			0
012.11	Starch, NIR (%)	0720	10.31	0.0700				3			0
012.11	Starch, NIR (%)	0852	15.95	0.1700				3			0
012.99	Starch, Miscellaneous (%)	0939	12.86	0.2700				2			0
012.99	Starch, Miscellaneous (%)	2190	21.25	0.1000				2			0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0083	1.975	0.1300	3.310	1.280	0.1082	15	-1.04	20%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0689	2.000	0.0000	3.310	1.280	0.1082	15	-1.02	20%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0242	2.220	0.0800	3.310	1.280	0.1082	15	-0.85	16%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0297	2.295	0.0300	3.310	1.280	0.1082	15	-0.79	15%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0948	2.295	0.0100	3.310	1.280	0.1082	15	-0.79	15%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0884	2.450	0.1000	3.310	1.280	0.1082	15	-0.67	13%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0910	2.765	0.1500	3.310	1.280	0.1082	15	-0.43	8%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	2073	3.250	0.0600	3.310	1.280	0.1082	15	-0.05	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 (%)	0229	3.685	0.3500	3.310	1.280	0.1082	15	0.29	6%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0541	3.690	0.2000	3.310	1.280	0.1082	15	0.30	6%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0309	3.914	0.3487	3.310	1.280	0.1082	15	0.47	9%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0202	4.278	0.0950	3.310	1.280	0.1082	15	0.76	15%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	2150	4.390	0.0000	3.310	1.280	0.1082	15	0.84	16%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	2076	5.213	0.0422	3.310	1.280	0.1082	15	1.49	29%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0618	6.409	0.0270	3.310	1.280	0.1082	15	2.42	47%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0504	3.260	0.7400	3.310	1.280	0.1082	15	-0.04	1%	1
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0643	0.0381	0.0039	3.451	0.7708	0.1439	14	-4.43	49%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0874	2.335	0.0700	3.451	0.7708	0.1439	14	-1.45	16%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0853	2.865	0.0900	3.451	0.7708	0.1439	14	-0.76	8%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0676	2.970	0.1400	3.451	0.7708	0.1439	14	-0.62	7%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0354	3.200	0.2400	3.451	0.7708	0.1439	14	-0.33	4%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0164	3.370	0.1200	3.451	0.7708	0.1439	14	-0.10	1%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0148	3.455	0.0100	3.451	0.7708	0.1439	14	0.01	0%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0675	3.470	0.2200	3.451	0.7708	0.1439	14	0.03	0%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0870	3.742	0.0001	3.451	0.7708	0.1439	14	0.38	4%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0682	3.800	0.0000	3.451	0.7708	0.1439	14	0.45	5%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0100	3.845	0.5700	3.451	0.7708	0.1439	14	0.51	6%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0553	4.065	0.3900	3.451	0.7708	0.1439	14	0.80	9%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0171	4.290	0.0600	3.451	0.7708	0.1439	14	1.09	12%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0861	4.880	0.1000	3.451	0.7708	0.1439	14	1.85	21%	0
013.08	Fat, Base Pretreat, Roese-Gottlieb Modified (%)	0618	2.553	0.1399				1			0
013.10	Fat, Acid Pretreat, Soxtec-Acid Hydrolysis (%)	0353	0.9200	0.1600	2.008	0.6859	0.0733	6	-1.59	27%	0
013.10	Fat, Acid Pretreat, Soxtec-Acid Hydrolysis (%)	0638	1.750	0.0000	2.008	0.6859	0.0733	6	-0.38	6%	0
013.10	Fat, Acid Pretreat, Soxtec-Acid Hydrolysis (%)	2196	2.050	0.0000	2.008	0.6859	0.0733	6	0.06	1%	0
013.10	Fat, Acid Pretreat, Soxtec-Acid Hydrolysis (%)	2006	2.080	0.0600	2.008	0.6859	0.0733	6	0.10	2%	0
013.10	Fat, Acid Pretreat, Soxtec-Acid Hydrolysis (%)	0610	2.530	0.1600	2.008	0.6859	0.0733	6	0.76	13%	0
013.10	Fat, Acid Pretreat, Soxtec-Acid Hydrolysis (%)	2215	2.660	0.0600	2.008	0.6859	0.0733	6	0.95	16%	0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0407	4.287	0.1285				3			0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0843	4.685	0.0100				3			0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0265	8.195	0.5700				3			0
015.41	Aluminum, ICP, Dry ash (mg / kg (ppm))	0049	554.3	36.12				3			0
015.41	Aluminum, ICP, Dry ash (mg / kg (ppm))	0171	625.2	5.900				3			0
015.41	Aluminum, ICP, Dry ash (mg / kg (ppm))	0520	652.0	28.00				3			0
015.42	Aluminum, ICP, Open vessel (mg / kg (ppm))	0560	671.1	1.000				1			0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0164	358.5	53.00	557.6	123.2	23.21	7	-1.62	18%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0353	439.0	4.000	557.6	123.2	23.21	7	-0.96	11%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0918	575.6	28.50	557.6	123.2	23.21	7	0.15	2%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0169	597.0	66.00	557.6	123.2	23.21	7	0.32	4%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0510	625.5	1.000	557.6	123.2	23.21	7	0.55	6%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0425	635.1	8.000	557.6	123.2	23.21	7	0.63	7%	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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015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0345	658.0	2.000	557.6	123.2	23.21	7	0.82	9%	0
015.52	Aluminum, ICP-MS, Open vessel (mg / kg (ppm))	0186	597.0	4.000				1			0
017.41	Boron, ICP, Dry ash (mg / kg (ppm))	0358	17.42	0.5500	27.52	12.95	1.103	6	-0.78	18%	0
017.41	Boron, ICP, Dry ash (mg / kg (ppm))	0049	19.00	0.2500	27.52	12.95	1.103	6	-0.66	15%	0
017.41	Boron, ICP, Dry ash (mg / kg (ppm))	0171	19.15	0.7400	27.52	12.95	1.103	6	-0.65	15%	0
017.41	Boron, ICP, Dry ash (mg / kg (ppm))	0553	30.45	2.100	27.52	12.95	1.103	6	0.23	5%	0
017.41	Boron, ICP, Dry ash (mg / kg (ppm))	0226	32.15	0.3400	27.52	12.95	1.103	6	0.36	8%	0
017.41	Boron, ICP, Dry ash (mg / kg (ppm))	0229	51.56	2.640	27.52	12.95	1.103	6	1.86	44%	0
017.42	Boron, ICP, Open vessel (mg / kg (ppm))	0560	14.35	3.300	17.52	3.204	3.323	6	-0.99	9%	0
017.42	Boron, ICP, Open vessel (mg / kg (ppm))	0045	15.23	11.55	17.52	3.204	3.323	6	-0.72	7%	0
017.42	Boron, ICP, Open vessel (mg / kg (ppm))	2053	17.10	1.200	17.52	3.204	3.323	6	-0.13	1%	0
017.42	Boron, ICP, Open vessel (mg / kg (ppm))	0265	17.45	1.700	17.52	3.204	3.323	6	-0.02	0%	0
017.42	Boron, ICP, Open vessel (mg / kg (ppm))	0693	18.67	0.5860	17.52	3.204	3.323	6	0.36	3%	0
017.42	Boron, ICP, Open vessel (mg / kg (ppm))	0294	63.30	1.600	17.52	3.204	3.323	6	14.29	131%	0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0345	19.27	0.5300	30.02	10.28	0.7075	4			0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0918	27.81	0.3000	30.02	10.28	0.7075	4			0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0510	29.00	0.0000	30.02	10.28	0.7075	4			0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0353	44.00	2.000	30.02	10.28	0.7075	4			0
017.53	Boron, ICP-MS, Microwave (mg / kg (ppm))	0032	0.6350	0.0100				1			0
019.00	Calcium, Ox-Mn04 Vol. (%)	2006	3.860	0.0170	4.100	0.0972	0.0218	10	-2.48	3%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2181	3.990	0.0200	4.100	0.0972	0.0218	10	-1.14	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2062	4.045	0.0300	4.100	0.0972	0.0218	10	-0.57	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0893	4.060	0.0000	4.100	0.0972	0.0218	10	-0.41	0%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0881	4.120	0.0440	4.100	0.0972	0.0218	10	0.20	0%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2022	4.125	0.0100	4.100	0.0972	0.0218	10	0.25	0%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0651	4.144	0.0070	4.100	0.0972	0.0218	10	0.44	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0878	4.155	0.0500	4.100	0.0972	0.0218	10	0.56	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0683	4.195	0.0300	4.100	0.0972	0.0218	10	0.97	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0897	4.215	0.0100	4.100	0.0972	0.0218	10	1.18	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2109	3.992	0.1220	4.100	0.0972	0.0218	10	-1.11	1%	1
019.00	Calcium, Ox-Mn04 Vol. (%)	2223	1.215	0.0300	4.100	0.0972	0.0218	10	-29.70	35%	2
019.02	Calcium, Hach Method (%)	2128	5.166	0.2900				1			0
019.03	Calcium, Semiauto (Autoanalyzer) (%)	0036	4.512	0.0470				1			0
019.08	Calcium, EDTA (%)	2200	2.300	0.2000	4.140	0.1635	0.0718	13	-11.25	22%	0
019.08	Calcium, EDTA (%)	0629	3.230	0.1400	4.140	0.1635	0.0718	13	-5.56	11%	0
019.08	Calcium, EDTA (%)	2031	3.975	0.0506	4.140	0.1635	0.0718	13	-1.01	2%	0
019.08	Calcium, EDTA (%)	0885	4.116	0.0324	4.140	0.1635	0.0718	13	-0.15	0%	0
019.08	Calcium, EDTA (%)	2196	4.120	0.0000	4.140	0.1635	0.0718	13	-0.12	0%	0
019.08	Calcium, EDTA (%)	0849	4.147	0.0130	4.140	0.1635	0.0718	13	0.04	0%	0
019.08	Calcium, EDTA (%)	0689	4.165	0.0500	4.140	0.1635	0.0718	13	0.15	0%	0
019.08	Calcium, EDTA (%)	2009	4.189	0.0025	4.140	0.1635	0.0718	13	0.30	1%	0
019.08	Calcium, EDTA (%)	2188	4.200	0.1000	4.140	0.1635	0.0718	13	0.37	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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019.08	Calcium, EDTA (%)	2190	4.219	0.0743	4.140	0.1635	0.0718	13	0.48	1%	0
019.08	Calcium, EDTA (%)	0590	4.245	0.0500	4.140	0.1635	0.0718	13	0.64	1%	0
019.08	Calcium, EDTA (%)	2193	4.270	0.0200	4.140	0.1635	0.0718	13	0.80	2%	0
019.08	Calcium, EDTA (%)	0852	4.400	0.2000	4.140	0.1635	0.0718	13	1.59	3%	0
019.09	Calcium, Ion-selective electrode (%)	2006	3.774	0.0510				1			0
019.31	Calcium, AAS, Dry ash (%)	0018	3.580	0.0200	4.030	0.2274	0.0755	20	-1.98	6%	0
019.31	Calcium, AAS, Dry ash (%)	0536	3.625	0.5900	4.030	0.2274	0.0755	20	-1.78	5%	0
019.31	Calcium, AAS, Dry ash (%)	2126	3.705	0.0300	4.030	0.2274	0.0755	20	-1.43	4%	0
019.31	Calcium, AAS, Dry ash (%)	0868	3.740	0.0400	4.030	0.2274	0.0755	20	-1.27	4%	0
019.31	Calcium, AAS, Dry ash (%)	2022	3.880	0.0000	4.030	0.2274	0.0755	20	-0.66	2%	0
019.31	Calcium, AAS, Dry ash (%)	0674	3.980	0.0000	4.030	0.2274	0.0755	20	-0.22	1%	0
019.31	Calcium, AAS, Dry ash (%)	0948	3.986	0.0560	4.030	0.2274	0.0755	20	-0.19	1%	0
019.31	Calcium, AAS, Dry ash (%)	0175	4.000	0.0000	4.030	0.2274	0.0755	20	-0.13	0%	0
019.31	Calcium, AAS, Dry ash (%)	2195	4.000	0.0000	4.030	0.2274	0.0755	20	-0.13	0%	0
019.31	Calcium, AAS, Dry ash (%)	0874	4.015	0.0100	4.030	0.2274	0.0755	20	-0.06	0%	0
019.31	Calcium, AAS, Dry ash (%)	0142	4.064	0.0731	4.030	0.2274	0.0755	20	0.15	0%	0
019.31	Calcium, AAS, Dry ash (%)	0687	4.090	0.0600	4.030	0.2274	0.0755	20	0.27	1%	0
019.31	Calcium, AAS, Dry ash (%)	2196	4.150	0.0000	4.030	0.2274	0.0755	20	0.53	1%	0
019.31	Calcium, AAS, Dry ash (%)	0723	4.160	0.0000	4.030	0.2274	0.0755	20	0.57	2%	0
019.31	Calcium, AAS, Dry ash (%)	0001	4.201	0.0410	4.030	0.2274	0.0755	20	0.75	2%	0
019.31	Calcium, AAS, Dry ash (%)	0152	4.205	0.1300	4.030	0.2274	0.0755	20	0.77	2%	0
019.31	Calcium, AAS, Dry ash (%)	0108	4.225	0.3500	4.030	0.2274	0.0755	20	0.86	2%	0
019.31	Calcium, AAS, Dry ash (%)	0354	4.230	0.0400	4.030	0.2274	0.0755	20	0.88	2%	0
019.31	Calcium, AAS, Dry ash (%)	2198	4.275	0.0500	4.030	0.2274	0.0755	20	1.08	3%	0
019.31	Calcium, AAS, Dry ash (%)	0656	4.310	0.0200	4.030	0.2274	0.0755	20	1.23	3%	0
019.31	Calcium, AAS, Dry ash (%)	0884	3.840	0.6000	4.030	0.2274	0.0755	20	-0.83	2%	1
019.32	Calcium, AAS, Open vessel (%)	0609	3.555	0.0300				2			0
019.32	Calcium, AAS, Open vessel (%)	0169	3.975	0.0100				2			0
019.33	Calcium, AAS, Microwave (%)	0300	3.955	0.2900				2			0
019.33	Calcium, AAS, Microwave (%)	0612	4.340	0.0800				2			0
019.41	Calcium, ICP, Dry ash (%)	0144	3.575	0.1900	4.081	0.2453	0.1104	26	-2.06	6%	0
019.41	Calcium, ICP, Dry ash (%)	0405	3.610	0.0000	4.081	0.2453	0.1104	26	-1.92	6%	0
019.41	Calcium, ICP, Dry ash (%)	0511	3.780	0.3800	4.081	0.2453	0.1104	26	-1.23	4%	0
019.41	Calcium, ICP, Dry ash (%)	0553	3.865	0.2100	4.081	0.2453	0.1104	26	-0.88	3%	0
019.41	Calcium, ICP, Dry ash (%)	2145	3.880	0.0086	4.081	0.2453	0.1104	26	-0.82	2%	0
019.41	Calcium, ICP, Dry ash (%)	0123	3.915	0.0100	4.081	0.2453	0.1104	26	-0.68	2%	0
019.41	Calcium, ICP, Dry ash (%)	0619	3.915	0.1300	4.081	0.2453	0.1104	26	-0.68	2%	0
019.41	Calcium, ICP, Dry ash (%)	0098	3.965	0.0300	4.081	0.2453	0.1104	26	-0.47	1%	0
019.41	Calcium, ICP, Dry ash (%)	0520	3.980	0.0800	4.081	0.2453	0.1104	26	-0.41	1%	0
019.41	Calcium, ICP, Dry ash (%)	0171	3.985	0.0100	4.081	0.2453	0.1104	26	-0.39	1%	0
019.41	Calcium, ICP, Dry ash (%)	0848	4.015	0.0100	4.081	0.2453	0.1104	26	-0.27	1%	0
019.41	Calcium, ICP, Dry ash (%)	0019	4.030	0.2800	4.081	0.2453	0.1104	26	-0.21	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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019.41	Calcium, ICP, Dry ash (%)	0720	4.035	0.0700	4.081	0.2453	0.1104	26	-0.19	1%	0
019.41	Calcium, ICP, Dry ash (%)	0164	4.055	0.1700	4.081	0.2453	0.1104	26	-0.11	0%	0
019.41	Calcium, ICP, Dry ash (%)	0003	4.085	0.3100	4.081	0.2453	0.1104	26	0.02	0%	0
019.41	Calcium, ICP, Dry ash (%)	0148	4.125	0.0100	4.081	0.2453	0.1104	26	0.18	1%	0
019.41	Calcium, ICP, Dry ash (%)	0074	4.155	0.0100	4.081	0.2453	0.1104	26	0.30	1%	0
019.41	Calcium, ICP, Dry ash (%)	0910	4.160	0.1800	4.081	0.2453	0.1104	26	0.32	1%	0
019.41	Calcium, ICP, Dry ash (%)	0229	4.235	0.1700	4.081	0.2453	0.1104	26	0.63	2%	0
019.41	Calcium, ICP, Dry ash (%)	0598	4.238	0.0320	4.081	0.2453	0.1104	26	0.64	2%	0
019.41	Calcium, ICP, Dry ash (%)	0049	4.240	0.0400	4.081	0.2453	0.1104	26	0.65	2%	0
019.41	Calcium, ICP, Dry ash (%)	0653	4.322	0.0010	4.081	0.2453	0.1104	26	0.98	3%	0
019.41	Calcium, ICP, Dry ash (%)	0878	4.350	0.1000	4.081	0.2453	0.1104	26	1.10	3%	0
019.41	Calcium, ICP, Dry ash (%)	0407	4.451	0.2280	4.081	0.2453	0.1104	26	1.51	5%	0
019.41	Calcium, ICP, Dry ash (%)	0226	4.465	0.1900	4.081	0.2453	0.1104	26	1.57	5%	0
019.41	Calcium, ICP, Dry ash (%)	0358	4.510	0.0200	4.081	0.2453	0.1104	26	1.75	5%	0
019.42	Calcium, ICP, Open vessel (%)	0205	3.440	0.0200	4.097	0.2218	0.0941	23	-2.96	8%	0
019.42	Calcium, ICP, Open vessel (%)	2129	3.445	0.0500	4.097	0.2218	0.0941	23	-2.94	8%	0
019.42	Calcium, ICP, Open vessel (%)	0045	3.820	0.2600	4.097	0.2218	0.0941	23	-1.25	3%	0
019.42	Calcium, ICP, Open vessel (%)	0263	3.881	0.0490	4.097	0.2218	0.0941	23	-0.97	3%	0
019.42	Calcium, ICP, Open vessel (%)	0357	3.887	0.0121	4.097	0.2218	0.0941	23	-0.94	3%	0
019.42	Calcium, ICP, Open vessel (%)	0278	3.930	0.0600	4.097	0.2218	0.0941	23	-0.75	2%	0
019.42	Calcium, ICP, Open vessel (%)	0009	3.968	0.3103	4.097	0.2218	0.0941	23	-0.58	2%	0
019.42	Calcium, ICP, Open vessel (%)	0265	4.010	0.0600	4.097	0.2218	0.0941	23	-0.39	1%	0
019.42	Calcium, ICP, Open vessel (%)	0042	4.045	0.2500	4.097	0.2218	0.0941	23	-0.23	1%	0
019.42	Calcium, ICP, Open vessel (%)	0560	4.064	0.0367	4.097	0.2218	0.0941	23	-0.15	0%	0
019.42	Calcium, ICP, Open vessel (%)	0035	4.080	0.0600	4.097	0.2218	0.0941	23	-0.07	0%	0
019.42	Calcium, ICP, Open vessel (%)	0693	4.132	0.0660	4.097	0.2218	0.0941	23	0.16	0%	0
019.42	Calcium, ICP, Open vessel (%)	2012	4.135	0.0100	4.097	0.2218	0.0941	23	0.17	0%	0
019.42	Calcium, ICP, Open vessel (%)	0294	4.155	0.0100	4.097	0.2218	0.0941	23	0.26	1%	0
019.42	Calcium, ICP, Open vessel (%)	0870	4.165	0.2000	4.097	0.2218	0.0941	23	0.31	1%	0
019.42	Calcium, ICP, Open vessel (%)	0187	4.175	0.0100	4.097	0.2218	0.0941	23	0.35	1%	0
019.42	Calcium, ICP, Open vessel (%)	0692	4.215	0.0300	4.097	0.2218	0.0941	23	0.53	1%	0
019.42	Calcium, ICP, Open vessel (%)	0186	4.270	0.3600	4.097	0.2218	0.0941	23	0.78	2%	0
019.42	Calcium, ICP, Open vessel (%)	0685	4.300	0.0400	4.097	0.2218	0.0941	23	0.92	2%	0
019.42	Calcium, ICP, Open vessel (%)	0726	4.316	0.0000	4.097	0.2218	0.0941	23	0.99	3%	0
019.42	Calcium, ICP, Open vessel (%)	2053	4.350	0.1600	4.097	0.2218	0.0941	23	1.14	3%	0
019.42	Calcium, ICP, Open vessel (%)	0037	4.365	0.0300	4.097	0.2218	0.0941	23	1.21	3%	0
019.42	Calcium, ICP, Open vessel (%)	0190	4.480	0.0800	4.097	0.2218	0.0941	23	1.73	5%	0
019.43	Calcium, ICP, Microwave (%)	0675	3.810	0.0200	4.082	0.1773	0.0485	25	-1.53	3%	0
019.43	Calcium, ICP, Microwave (%)	0036	3.852	0.0647	4.082	0.1773	0.0485	25	-1.30	3%	0
019.43	Calcium, ICP, Microwave (%)	0345	3.855	0.0100	4.082	0.1773	0.0485	25	-1.28	3%	0
019.43	Calcium, ICP, Microwave (%)	0098	3.860	0.0000	4.082	0.1773	0.0485	25	-1.25	3%	0
019.43	Calcium, ICP, Microwave (%)	0202	3.917	0.0440	4.082	0.1773	0.0485	25	-0.93	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
019.43	Calcium, ICP, Microwave (%)	0035	3.935	0.0300	4.082	0.1773	0.0485	25	-0.83	2%	0
019.43	Calcium, ICP, Microwave (%)	0010	3.990	0.0800	4.082	0.1773	0.0485	25	-0.52	1%	0
019.43	Calcium, ICP, Microwave (%)	0510	4.005	0.0100	4.082	0.1773	0.0485	25	-0.43	1%	0
019.43	Calcium, ICP, Microwave (%)	2192	4.050	0.0600	4.082	0.1773	0.0485	25	-0.18	0%	0
019.43	Calcium, ICP, Microwave (%)	0033	4.055	0.0100	4.082	0.1773	0.0485	25	-0.15	0%	0
019.43	Calcium, ICP, Microwave (%)	0425	4.065	0.0300	4.082	0.1773	0.0485	25	-0.09	0%	0
019.43	Calcium, ICP, Microwave (%)	0610	4.070	0.0200	4.082	0.1773	0.0485	25	-0.07	0%	0
019.43	Calcium, ICP, Microwave (%)	2089	4.075	0.0700	4.082	0.1773	0.0485	25	-0.04	0%	0
019.43	Calcium, ICP, Microwave (%)	0964	4.095	0.1119	4.082	0.1773	0.0485	25	0.07	0%	0
019.43	Calcium, ICP, Microwave (%)	0027	4.104	0.0260	4.082	0.1773	0.0485	25	0.13	0%	0
019.43	Calcium, ICP, Microwave (%)	0083	4.110	0.0400	4.082	0.1773	0.0485	25	0.16	0%	0
019.43	Calcium, ICP, Microwave (%)	0968	4.120	0.0100	4.082	0.1773	0.0485	25	0.22	0%	0
019.43	Calcium, ICP, Microwave (%)	0861	4.160	0.0200	4.082	0.1773	0.0485	25	0.44	1%	0
019.43	Calcium, ICP, Microwave (%)	0505	4.190	0.0600	4.082	0.1773	0.0485	25	0.61	1%	0
019.43	Calcium, ICP, Microwave (%)	0089	4.190	0.0000	4.082	0.1773	0.0485	25	0.61	1%	0
019.43	Calcium, ICP, Microwave (%)	0006	4.227	0.0550	4.082	0.1773	0.0485	25	0.82	2%	0
019.43	Calcium, ICP, Microwave (%)	0682	4.260	0.0000	4.082	0.1773	0.0485	25	1.01	2%	0
019.43	Calcium, ICP, Microwave (%)	0028	4.520	0.3200	4.082	0.1773	0.0485	25	2.47	5%	0
019.43	Calcium, ICP, Microwave (%)	0353	4.540	0.0600	4.082	0.1773	0.0485	25	2.59	6%	0
019.43	Calcium, ICP, Microwave (%)	0032	5.430	0.0600	4.082	0.1773	0.0485	25	7.61	17%	0
019.43	Calcium, ICP, Microwave (%)	0918	4.521	0.5430	4.082	0.1773	0.0485	25	2.48	5%	1
019.52	Calcium, ICP-MS, Open vessel (%)	0016	3.650	0.1400				3			0
019.52	Calcium, ICP-MS, Open vessel (%)	0186	4.145	0.1100				3			0
019.52	Calcium, ICP-MS, Open vessel (%)	0047	4.170	0.0400				3			0
019.52	Calcium, ICP-MS, Open vessel (%)	0154	4.573	0.6644				3			1
019.53	Calcium, ICP-MS, Microwave (%)	2055	3.625	0.1551	4.003	0.2899	0.2063	4			0
019.53	Calcium, ICP-MS, Microwave (%)	0939	3.925	0.4500	4.003	0.2899	0.2063	4			0
019.53	Calcium, ICP-MS, Microwave (%)	0572	4.225	0.0300	4.003	0.2899	0.2063	4			0
019.53	Calcium, ICP-MS, Microwave (%)	0553	4.235	0.1900	4.003	0.2899	0.2063	4			0
019.99	Calcium, Miscellaneous (%)	0242	3.950	0.0200	4.131	0.2265	0.0325	4			0
019.99	Calcium, Miscellaneous (%)	0590	4.005	0.0300	4.131	0.2265	0.0325	4			0
019.99	Calcium, Miscellaneous (%)	2215	4.115	0.0700	4.131	0.2265	0.0325	4			0
019.99	Calcium, Miscellaneous (%)	0676	4.455	0.0100	4.131	0.2265	0.0325	4			0
019.99	Calcium, Miscellaneous (%)	0100	4.440	0.3000	4.131	0.2265	0.0325	4			1
021.31	Cobalt, AAS, Dry ash (mg / kg (ppm))	0164	42.00	6.000				1			0
021.34	Cobalt, AAS, Graphite furnace (mg / kg (ppm))	0610	45.00	2.000				1			0
021.41	Cobalt, ICP, Dry ash (mg / kg (ppm))	0619	40.20	0.2000	45.28	4.205	0.2450	4			0
021.41	Cobalt, ICP, Dry ash (mg / kg (ppm))	0171	44.06	0.3900	45.28	4.205	0.2450	4			0
021.41	Cobalt, ICP, Dry ash (mg / kg (ppm))	0148	46.74	0.2900	45.28	4.205	0.2450	4			0
021.41	Cobalt, ICP, Dry ash (mg / kg (ppm))	0848	50.14	0.1000	45.28	4.205	0.2450	4			0
021.41	Cobalt, ICP, Dry ash (mg / kg (ppm))	0955	35.50	4.800	45.28	4.205	0.2450	4			1
021.42	Cobalt, ICP, Open vessel (mg / kg (ppm))	0693	45.12	1.230	45.92	0.6073	1.333	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			
021.42	Cobalt, ICP, Open vessel (mg / kg (ppm))	0045	45.95	1.700	45.92	0.6073	1.333	4			0
021.42	Cobalt, ICP, Open vessel (mg / kg (ppm))	0186	46.00	2.000	45.92	0.6073	1.333	4			0
021.42	Cobalt, ICP, Open vessel (mg / kg (ppm))	0560	46.60	0.4000	45.92	0.6073	1.333	4			0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0345	37.66	0.3200	46.54	6.074	0.5430	6	-1.46	10%	0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0169	43.95	0.5000	46.54	6.074	0.5430	6	-0.43	3%	0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0510	45.34	0.2200	46.54	6.074	0.5430	6	-0.20	1%	0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0964	49.88	0.7432	46.54	6.074	0.5430	6	0.55	4%	0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0027	50.26	0.9750	46.54	6.074	0.5430	6	0.61	4%	0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0013	52.15	0.5000	46.54	6.074	0.5430	6	0.92	6%	0
021.52	Cobalt, ICP-MS, Open vessel (mg / kg (ppm))	0047	40.45	1.030				3			0
021.52	Cobalt, ICP-MS, Open vessel (mg / kg (ppm))	0016	42.35	0.7000				3			0
021.52	Cobalt, ICP-MS, Open vessel (mg / kg (ppm))	0186	49.00	0.0000				3			0
021.52	Cobalt, ICP-MS, Open vessel (mg / kg (ppm))	0910	47.23	5.020				3			1
021.53	Cobalt, ICP-MS, Microwave (mg / kg (ppm))	2055	45.56	4.198	52.48	4.961	1.600	6	-1.39	7%	0
021.53	Cobalt, ICP-MS, Microwave (mg / kg (ppm))	0918	51.49	0.5800	52.48	4.961	1.600	6	-0.20	1%	0
021.53	Cobalt, ICP-MS, Microwave (mg / kg (ppm))	0098	51.57	2.560	52.48	4.961	1.600	6	-0.18	1%	0
021.53	Cobalt, ICP-MS, Microwave (mg / kg (ppm))	0553	52.70	0.4000	52.48	4.961	1.600	6	0.04	0%	0
021.53	Cobalt, ICP-MS, Microwave (mg / kg (ppm))	0939	54.65	0.6600	52.48	4.961	1.600	6	0.44	2%	0
021.53	Cobalt, ICP-MS, Microwave (mg / kg (ppm))	0032	58.90	1.200	52.48	4.961	1.600	6	1.29	6%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0629	768.0	0.0000	862.4	46.60	8.538	16	-2.03	5%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0849	803.5	19.00	862.4	46.60	8.538	16	-1.26	3%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0689	815.7	24.00	862.4	46.60	8.538	16	-1.00	3%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	2144	825.0	8.940	862.4	46.60	8.538	16	-0.80	2%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0868	848.0	8.330	862.4	46.60	8.538	16	-0.31	1%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	2022	850.8	0.8120	862.4	46.60	8.538	16	-0.25	1%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	2062	854.0	6.000	862.4	46.60	8.538	16	-0.18	0%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0001	854.9	17.50	862.4	46.60	8.538	16	-0.16	0%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0536	858.6	2.500	862.4	46.60	8.538	16	-0.08	0%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0354	870.8	1.140	862.4	46.60	8.538	16	0.18	0%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	2195	873.0	4.570	862.4	46.60	8.538	16	0.23	1%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	2196	891.6	0.0000	862.4	46.60	8.538	16	0.63	2%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0175	895.0	10.00	862.4	46.60	8.538	16	0.70	2%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0723	912.0	0.0000	862.4	46.60	8.538	16	1.06	3%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0656	921.2	27.71	862.4	46.60	8.538	16	1.26	3%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	2188	963.7	6.110	862.4	46.60	8.538	16	2.17	6%	0
022.32	Copper, AAS, Open vessel (mg / kg (ppm))	2128	801.7	83.32				1			0
022.33	Copper, AAS, Microwave (mg / kg (ppm))	0010	866.5	5.700				2			0
022.33	Copper, AAS, Microwave (mg / kg (ppm))	0948	890.3	0.5160				2			0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0405	629.3	0.0000	847.7	75.08	20.31	24	-2.91	13%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0598	695.8	37.80	847.7	75.08	20.31	24	-2.02	9%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0553	763.0	20.00	847.7	75.08	20.31	24	-1.13	5%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0049	785.7	22.14	847.7	75.08	20.31	24	-0.83	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	
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	2145	801.0	4.770	847.7	75.08	20.31	24	-0.62	3%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0511	808.0	22.00	847.7	75.08	20.31	24	-0.53	2%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0520	808.0	40.00	847.7	75.08	20.31	24	-0.53	2%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0407	809.7	15.12	847.7	75.08	20.31	24	-0.51	2%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0019	810.1	10.80	847.7	75.08	20.31	24	-0.50	2%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0910	825.5	59.00	847.7	75.08	20.31	24	-0.30	1%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0653	827.6	12.80	847.7	75.08	20.31	24	-0.27	1%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0003	832.5	13.00	847.7	75.08	20.31	24	-0.20	1%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0848	833.2	4.290	847.7	75.08	20.31	24	-0.19	1%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0171	838.5	15.60	847.7	75.08	20.31	24	-0.12	1%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0619	847.5	11.00	847.7	75.08	20.31	24	0.00	0%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0148	876.1	17.62	847.7	75.08	20.31	24	0.38	2%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0074	885.5	23.00	847.7	75.08	20.31	24	0.50	2%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0098	907.5	23.60	847.7	75.08	20.31	24	0.80	4%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0229	914.2	16.70	847.7	75.08	20.31	24	0.88	4%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0226	917.9	42.86	847.7	75.08	20.31	24	0.93	4%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0164	919.5	3.000	847.7	75.08	20.31	24	0.96	4%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0720	947.2	32.15	847.7	75.08	20.31	24	1.32	6%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0878	957.0	22.00	847.7	75.08	20.31	24	1.46	6%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0358	972.8	18.26	847.7	75.08	20.31	24	1.67	7%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0190	786.6	2.750	878.7	48.30	12.33	20	-1.91	5%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0263	825.6	2.830	878.7	48.30	12.33	20	-1.10	3%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0045	835.5	41.00	878.7	48.30	12.33	20	-0.90	2%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0009	837.5	23.00	878.7	48.30	12.33	20	-0.85	2%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0037	846.5	25.00	878.7	48.30	12.33	20	-0.67	2%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0278	852.8	29.90	878.7	48.30	12.33	20	-0.54	1%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0042	856.5	3.000	878.7	48.30	12.33	20	-0.46	1%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0357	857.7	4.673	878.7	48.30	12.33	20	-0.43	1%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0560	864.2	6.800	878.7	48.30	12.33	20	-0.30	1%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0870	873.3	11.40	878.7	48.30	12.33	20	-0.11	0%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0035	874.0	0.0000	878.7	48.30	12.33	20	-0.10	0%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0726	878.5	2.900	878.7	48.30	12.33	20	-0.01	0%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0187	883.3	4.320	878.7	48.30	12.33	20	0.10	0%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0693	884.7	14.11	878.7	48.30	12.33	20	0.12	0%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0205	894.0	4.000	878.7	48.30	12.33	20	0.32	1%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0186	927.0	22.00	878.7	48.30	12.33	20	1.00	3%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0265	939.5	17.00	878.7	48.30	12.33	20	1.26	3%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0685	940.8	1.790	878.7	48.30	12.33	20	1.29	4%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0294	945.8	10.80	878.7	48.30	12.33	20	1.39	4%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	2012	1,258	19.28	878.7	48.30	12.33	20	7.85	22%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0692	1,176	428.0	878.7	48.30	12.33	20	6.15	17%	1
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0345	766.5	9.000	870.8	45.39	17.49	22	-2.30	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	
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0202	808.8	4.145	870.8	45.39	17.49	22	-1.37	4%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0035	812.0	48.00	870.8	45.39	17.49	22	-1.30	3%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	2089	822.3	4.470	870.8	45.39	17.49	22	-1.07	3%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0510	830.0	2.000	870.8	45.39	17.49	22	-0.90	2%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0964	845.8	17.91	870.8	45.39	17.49	22	-0.55	1%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0425	856.0	6.100	870.8	45.39	17.49	22	-0.33	1%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0027	860.3	9.593	870.8	45.39	17.49	22	-0.23	1%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0169	862.5	29.00	870.8	45.39	17.49	22	-0.18	0%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0968	864.0	2.000	870.8	45.39	17.49	22	-0.15	0%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0682	867.7	0.0000	870.8	45.39	17.49	22	-0.07	0%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0098	871.9	12.80	870.8	45.39	17.49	22	0.02	0%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0033	874.5	33.00	870.8	45.39	17.49	22	0.08	0%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0028	875.7	36.46	870.8	45.39	17.49	22	0.11	0%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0505	887.3	31.10	870.8	45.39	17.49	22	0.36	1%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0918	897.3	45.98	870.8	45.39	17.49	22	0.58	2%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0083	908.5	5.000	870.8	45.39	17.49	22	0.83	2%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0353	908.5	9.000	870.8	45.39	17.49	22	0.83	2%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0861	910.5	35.00	870.8	45.39	17.49	22	0.87	2%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0610	914.5	23.00	870.8	45.39	17.49	22	0.96	3%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0032	980.5	11.00	870.8	45.39	17.49	22	2.42	6%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0675	1,364	10.32	870.8	45.39	17.49	22	10.87	28%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	2192	565.0	103.4	870.8	45.39	17.49	22	-6.74	18%	1
022.51	Copper, ICP-MS, Dry ash (mg / kg (ppm))	2146	879.5	21.00				1			0
022.52	Copper, ICP-MS, Open vessel (mg / kg (ppm))	0186	901.0	14.00				3			0
022.52	Copper, ICP-MS, Open vessel (mg / kg (ppm))	0016	934.5	43.00				3			0
022.52	Copper, ICP-MS, Open vessel (mg / kg (ppm))	0047	1,053	31.70				3			0
022.53	Copper, ICP-MS, Microwave (mg / kg (ppm))	0553	751.5	21.00	812.2	64.01	32.30	4			0
022.53	Copper, ICP-MS, Microwave (mg / kg (ppm))	2055	765.0	38.00	812.2	64.01	32.30	4			0
022.53	Copper, ICP-MS, Microwave (mg / kg (ppm))	0572	849.0	40.00	812.2	64.01	32.30	4			0
022.53	Copper, ICP-MS, Microwave (mg / kg (ppm))	0939	883.1	30.18	812.2	64.01	32.30	4			0
022.99	Copper, Miscellaneous (mg / kg (ppm))	0242	830.0	2.000	929.8	92.30	4.500	4			0
022.99	Copper, Miscellaneous (mg / kg (ppm))	0100	889.5	7.000	929.8	92.30	4.500	4			0
022.99	Copper, Miscellaneous (mg / kg (ppm))	0590	954.0	8.000	929.8	92.30	4.500	4			0
022.99	Copper, Miscellaneous (mg / kg (ppm))	2129	1,046	1.000	929.8	92.30	4.500	4			0
023.01	Fluorine, Ion Sel Elect (mg / kg (ppm))	0910	159.5	10.00				1			0
024.03	Iodine, Ion-selective electrode (mg / kg (ppm))	0171	7.950	0.5000				1			0
024.52	Iodine, ICP-MS, Open vessel (mg / kg (ppm))	0186	42.00	0.0000				1			0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	2195	969.7	70.32	11,003	684.2	217.4	16	-14.66	46%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0689	9,581	189.5	11,003	684.2	217.4	16	-2.08	6%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	2188	10,362	74.10	11,003	684.2	217.4	16	-0.94	3%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0505	10,385	70.00	11,003	684.2	217.4	16	-0.90	3%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0175	10,850	900.0	11,003	684.2	217.4	16	-0.22	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			
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0723	10,897	0.0000	11,003	684.2	217.4	16	-0.16	0%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	2022	10,939	16.90	11,003	684.2	217.4	16	-0.09	0%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0868	11,019	1,163	11,003	684.2	217.4	16	0.02	0%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	2062	11,036	14.40	11,003	684.2	217.4	16	0.05	0%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0874	11,150	100.0	11,003	684.2	217.4	16	0.21	1%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	2144	11,174	0.0000	11,003	684.2	217.4	16	0.25	1%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0001	11,270	60.00	11,003	684.2	217.4	16	0.39	1%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	2196	11,518	0.0000	11,003	684.2	217.4	16	0.75	2%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0354	11,649	48.09	11,003	684.2	217.4	16	0.94	3%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0656	11,818	57.06	11,003	684.2	217.4	16	1.19	4%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0536	13,603	715.0	11,003	684.2	217.4	16	3.80	12%	0
025.32	Iron, AAS, Open vessel (mg / kg (ppm))	2128	11,927	1,128				1			0
025.33	Iron, AAS, Microwave (mg / kg (ppm))	0948	8,721	101.6				1			0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0619	1,175	0.0500	10,177	2,425	209.2	24	-4.20	50%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0226	1,813	141.1	10,177	2,425	209.2	24	-3.45	41%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0405	4,444	0.0000	10,177	2,425	209.2	24	-2.36	28%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0598	4,551	281.0	10,177	2,425	209.2	24	-2.32	28%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0720	5,467	748.0	10,177	2,425	209.2	24	-1.94	23%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0164	9,350	80.00	10,177	2,425	209.2	24	-0.34	4%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0003	9,574	324.0	10,177	2,425	209.2	24	-0.25	3%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0553	9,789	70.00	10,177	2,425	209.2	24	-0.16	2%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0358	10,566	434.9	10,177	2,425	209.2	24	0.16	2%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0019	10,595	530.0	10,177	2,425	209.2	24	0.17	2%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0098	10,650	300.0	10,177	2,425	209.2	24	0.20	2%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0511	10,680	20.00	10,177	2,425	209.2	24	0.21	2%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0653	10,741	53.00	10,177	2,425	209.2	24	0.23	3%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0520	10,835	271.0	10,177	2,425	209.2	24	0.27	3%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0049	11,115	135.3	10,177	2,425	209.2	24	0.39	5%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0148	11,126	158.8	10,177	2,425	209.2	24	0.39	5%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0878	11,152	26.00	10,177	2,425	209.2	24	0.40	5%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0074	11,211	208.0	10,177	2,425	209.2	24	0.43	5%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0407	11,573	639.2	10,177	2,425	209.2	24	0.58	7%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	2145	11,767	32.00	10,177	2,425	209.2	24	0.66	8%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0229	11,797	51.00	10,177	2,425	209.2	24	0.67	8%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0910	12,219	250.0	10,177	2,425	209.2	24	0.84	10%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0171	13,000	260.0	10,177	2,425	209.2	24	1.16	14%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0848	14,883	6.940	10,177	2,425	209.2	24	1.94	23%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0726	1,020	16.00	10,065	1,395	413.2	17	-6.48	45%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0037	7,176	272.0	10,065	1,395	413.2	17	-2.07	14%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0187	7,471	69.83	10,065	1,395	413.2	17	-1.86	13%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0278	9,102	786.0	10,065	1,395	413.2	17	-0.69	5%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0692	9,200	200.0	10,065	1,395	413.2	17	-0.62	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	
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0870	9,476	650.0	10,065	1,395	413.2	17	-0.42	3%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0045	10,050	100.0	10,065	1,395	413.2	17	-0.01	0%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0190	10,163	77.00	10,065	1,395	413.2	17	0.07	0%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	2012	10,438	1,601	10,065	1,395	413.2	17	0.27	2%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	2053	10,738	1,015	10,065	1,395	413.2	17	0.48	3%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0263	10,866	112.5	10,065	1,395	413.2	17	0.57	4%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0042	10,955	870.0	10,065	1,395	413.2	17	0.64	4%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0560	11,048	670.2	10,065	1,395	413.2	17	0.70	5%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0035	11,145	190.0	10,065	1,395	413.2	17	0.77	5%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0265	11,150	100.0	10,065	1,395	413.2	17	0.78	5%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0693	11,413	237.1	10,065	1,395	413.2	17	0.97	7%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0294	11,442	57.38	10,065	1,395	413.2	17	0.99	7%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0006	1.059	0.0020	10,297	2,348	277.9	20	-4.39	50%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0964	1.085	0.0826	10,297	2,348	277.9	20	-4.39	50%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	2192	4,709	1,883	10,297	2,348	277.9	20	-2.38	27%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0675	5,695	249.8	10,297	2,348	277.9	20	-1.96	22%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0345	9,355	70.00	10,297	2,348	277.9	20	-0.40	5%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0035	9,534	139.0	10,297	2,348	277.9	20	-0.33	4%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0098	10,200	0.0000	10,297	2,348	277.9	20	-0.04	0%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0510	10,612	23.00	10,297	2,348	277.9	20	0.13	2%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0083	10,740	140.0	10,297	2,348	277.9	20	0.19	2%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0169	10,754	508.0	10,297	2,348	277.9	20	0.19	2%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0918	10,768	1,041	10,297	2,348	277.9	20	0.20	2%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0425	10,871	29.00	10,297	2,348	277.9	20	0.24	3%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0033	11,150	500.0	10,297	2,348	277.9	20	0.36	4%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0610	11,307	15.00	10,297	2,348	277.9	20	0.43	5%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0968	11,343	48.00	10,297	2,348	277.9	20	0.45	5%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0027	11,480	95.11	10,297	2,348	277.9	20	0.50	6%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0682	11,849	0.0000	10,297	2,348	277.9	20	0.66	8%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0861	12,150	300.0	10,297	2,348	277.9	20	0.79	9%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0353	12,907	417.0	10,297	2,348	277.9	20	1.11	13%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0032	15,450	100.0	10,297	2,348	277.9	20	2.20	25%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0028	15,846	2,798	10,297	2,348	277.9	20	2.36	27%	1
025.51	Iron, ICP-MS, Dry ash (mg / kg (ppm))	2146	10,416	123.0				1			0
025.52	Iron, ICP-MS, Open vessel (mg / kg (ppm))	0016	9,495	170.0				2			0
025.52	Iron, ICP-MS, Open vessel (mg / kg (ppm))	0047	9,998	385.0				2			0
025.53	Iron, ICP-MS, Microwave (mg / kg (ppm))	0939	9,842	475.0				3			0
025.53	Iron, ICP-MS, Microwave (mg / kg (ppm))	2055	10,497	1,120				3			0
025.53	Iron, ICP-MS, Microwave (mg / kg (ppm))	0553	11,750	100.0				3			0
025.99	Iron, Miscellaneous (mg / kg (ppm))	2129	12,260	240.0				2			0
025.99	Iron, Miscellaneous (mg / kg (ppm))	0100	12,329	282.0				2			0
027.31	Magnesium, AAS, Dry ash (%)	0596	0.4050	0.0300	0.4806	0.0448	0.0090	14	-1.69	8%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
027.31	Magnesium, AAS, Dry ash (%)	0629	0.4200	0.0000	0.4806	0.0448	0.0090	14	-1.35	6%	0
027.31	Magnesium, AAS, Dry ash (%)	2022	0.4320	0.0040	0.4806	0.0448	0.0090	14	-1.09	5%	0
027.31	Magnesium, AAS, Dry ash (%)	0536	0.4650	0.0100	0.4806	0.0448	0.0090	14	-0.35	2%	0
027.31	Magnesium, AAS, Dry ash (%)	0689	0.4650	0.0100	0.4806	0.0448	0.0090	14	-0.35	2%	0
027.31	Magnesium, AAS, Dry ash (%)	2144	0.4779	0.0020	0.4806	0.0448	0.0090	14	-0.06	0%	0
027.31	Magnesium, AAS, Dry ash (%)	0868	0.4850	0.0100	0.4806	0.0448	0.0090	14	0.10	0%	0
027.31	Magnesium, AAS, Dry ash (%)	0142	0.4868	0.0015	0.4806	0.0448	0.0090	14	0.14	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0175	0.4900	0.0000	0.4806	0.0448	0.0090	14	0.21	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0874	0.4940	0.0080	0.4806	0.0448	0.0090	14	0.30	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0354	0.5000	0.0000	0.4806	0.0448	0.0090	14	0.43	2%	0
027.31	Magnesium, AAS, Dry ash (%)	0001	0.5247	0.0403	0.4806	0.0448	0.0090	14	0.98	5%	0
027.31	Magnesium, AAS, Dry ash (%)	2196	0.5300	0.0000	0.4806	0.0448	0.0090	14	1.10	5%	0
027.31	Magnesium, AAS, Dry ash (%)	0656	0.5450	0.0100	0.4806	0.0448	0.0090	14	1.44	7%	0
027.32	Magnesium, AAS, Open vessel (%)	0169	0.4320	0.0380				2			0
027.32	Magnesium, AAS, Open vessel (%)	0609	0.5000	0.0200				2			0
027.33	Magnesium, AAS, Microwave (%)	0010	0.4750	0.0100				3			0
027.33	Magnesium, AAS, Microwave (%)	0948	0.4950	0.0100				3			0
027.33	Magnesium, AAS, Microwave (%)	0612	0.5110	0.0020				3			0
027.41	Magnesium, ICP, Dry ash (%)	0405	0.4000	0.0000	0.4835	0.0345	0.0132	23	-2.42	9%	0
027.41	Magnesium, ICP, Dry ash (%)	0598	0.4357	0.0109	0.4835	0.0345	0.0132	23	-1.38	5%	0
027.41	Magnesium, ICP, Dry ash (%)	0049	0.4400	0.0200	0.4835	0.0345	0.0132	23	-1.26	4%	0
027.41	Magnesium, ICP, Dry ash (%)	0553	0.4480	0.0180	0.4835	0.0345	0.0132	23	-1.03	4%	0
027.41	Magnesium, ICP, Dry ash (%)	0407	0.4503	0.0043	0.4835	0.0345	0.0132	23	-0.96	3%	0
027.41	Magnesium, ICP, Dry ash (%)	2145	0.4623	0.0030	0.4835	0.0345	0.0132	23	-0.61	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0003	0.4650	0.0100	0.4835	0.0345	0.0132	23	-0.54	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0520	0.4650	0.0300	0.4835	0.0345	0.0132	23	-0.54	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0148	0.4750	0.0100	0.4835	0.0345	0.0132	23	-0.25	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0511	0.4750	0.0100	0.4835	0.0345	0.0132	23	-0.25	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0019	0.4850	0.0300	0.4835	0.0345	0.0132	23	0.04	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0164	0.4895	0.0310	0.4835	0.0345	0.0132	23	0.17	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0910	0.4900	0.0400	0.4835	0.0345	0.0132	23	0.19	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0619	0.4905	0.0030	0.4835	0.0345	0.0132	23	0.20	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0098	0.4950	0.0100	0.4835	0.0345	0.0132	23	0.33	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0074	0.4965	0.0070	0.4835	0.0345	0.0132	23	0.38	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0229	0.5000	0.0200	0.4835	0.0345	0.0132	23	0.48	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0878	0.5000	0.0200	0.4835	0.0345	0.0132	23	0.48	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0358	0.5150	0.0100	0.4835	0.0345	0.0132	23	0.91	3%	0
027.41	Magnesium, ICP, Dry ash (%)	0653	0.5205	0.0010	0.4835	0.0345	0.0132	23	1.07	4%	0
027.41	Magnesium, ICP, Dry ash (%)	0226	0.5250	0.0100	0.4835	0.0345	0.0132	23	1.20	4%	0
027.41	Magnesium, ICP, Dry ash (%)	0720	0.5300	0.0000	0.4835	0.0345	0.0132	23	1.35	5%	0
027.41	Magnesium, ICP, Dry ash (%)	0171	0.5495	0.0050	0.4835	0.0345	0.0132	23	1.91	7%	0
027.41	Magnesium, ICP, Dry ash (%)	0848	6,259	48.51	0.4835	0.0345	0.0132	23	181147.40	647191%	2

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
027.42	Magnesium, ICP, Open vessel (%)	2129	0.4170	0.0000	0.4925	0.0288	0.0103	22	-2.62	8%	0
027.42	Magnesium, ICP, Open vessel (%)	0870	0.4543	0.0180	0.4925	0.0288	0.0103	22	-1.33	4%	0
027.42	Magnesium, ICP, Open vessel (%)	0045	0.4565	0.0090	0.4925	0.0288	0.0103	22	-1.25	4%	0
027.42	Magnesium, ICP, Open vessel (%)	0693	0.4695	0.0070	0.4925	0.0288	0.0103	22	-0.80	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0035	0.4750	0.0100	0.4925	0.0288	0.0103	22	-0.61	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0263	0.4761	0.0034	0.4925	0.0288	0.0103	22	-0.57	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0009	0.4778	0.0307	0.4925	0.0288	0.0103	22	-0.51	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0294	0.4800	0.0200	0.4925	0.0288	0.0103	22	-0.43	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0692	0.4850	0.0100	0.4925	0.0288	0.0103	22	-0.26	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0560	0.4886	0.0024	0.4925	0.0288	0.0103	22	-0.14	0%	0
027.42	Magnesium, ICP, Open vessel (%)	0357	0.4899	0.0013	0.4925	0.0288	0.0103	22	-0.09	0%	0
027.42	Magnesium, ICP, Open vessel (%)	0685	0.4900	0.0000	0.4925	0.0288	0.0103	22	-0.09	0%	0
027.42	Magnesium, ICP, Open vessel (%)	0186	0.4910	0.0380	0.4925	0.0288	0.0103	22	-0.05	0%	0
027.42	Magnesium, ICP, Open vessel (%)	0278	0.4950	0.0100	0.4925	0.0288	0.0103	22	0.09	0%	0
027.42	Magnesium, ICP, Open vessel (%)	0187	0.4965	0.0024	0.4925	0.0288	0.0103	22	0.14	0%	0
027.42	Magnesium, ICP, Open vessel (%)	0042	0.5090	0.0040	0.4925	0.0288	0.0103	22	0.57	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0190	0.5150	0.0100	0.4925	0.0288	0.0103	22	0.78	2%	0
027.42	Magnesium, ICP, Open vessel (%)	2012	0.5150	0.0100	0.4925	0.0288	0.0103	22	0.78	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0726	0.5156	0.0004	0.4925	0.0288	0.0103	22	0.80	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0265	0.5350	0.0100	0.4925	0.0288	0.0103	22	1.47	4%	0
027.42	Magnesium, ICP, Open vessel (%)	0037	0.5500	0.0200	0.4925	0.0288	0.0103	22	1.99	6%	0
027.42	Magnesium, ICP, Open vessel (%)	2053	0.5750	0.0100	0.4925	0.0288	0.0103	22	2.86	8%	0
027.43	Magnesium, ICP, Microwave (%)	0353	0.2650	0.0300	0.4724	0.0422	0.0085	22	-4.92	22%	0
027.43	Magnesium, ICP, Microwave (%)	0089	0.4000	0.0000	0.4724	0.0422	0.0085	22	-1.72	8%	0
027.43	Magnesium, ICP, Microwave (%)	0510	0.4300	0.0000	0.4724	0.0422	0.0085	22	-1.01	4%	0
027.43	Magnesium, ICP, Microwave (%)	0035	0.4350	0.0100	0.4724	0.0422	0.0085	22	-0.89	4%	0
027.43	Magnesium, ICP, Microwave (%)	0345	0.4370	0.0080	0.4724	0.0422	0.0085	22	-0.84	4%	0
027.43	Magnesium, ICP, Microwave (%)	0202	0.4450	0.0160	0.4724	0.0422	0.0085	22	-0.65	3%	0
027.43	Magnesium, ICP, Microwave (%)	0918	0.4520	0.0360	0.4724	0.0422	0.0085	22	-0.48	2%	0
027.43	Magnesium, ICP, Microwave (%)	0425	0.4550	0.0100	0.4724	0.0422	0.0085	22	-0.41	2%	0
027.43	Magnesium, ICP, Microwave (%)	0027	0.4645	0.0050	0.4724	0.0422	0.0085	22	-0.19	1%	0
027.43	Magnesium, ICP, Microwave (%)	0968	0.4670	0.0020	0.4724	0.0422	0.0085	22	-0.13	1%	0
027.43	Magnesium, ICP, Microwave (%)	0098	0.4700	0.0000	0.4724	0.0422	0.0085	22	-0.06	0%	0
027.43	Magnesium, ICP, Microwave (%)	0505	0.4700	0.0000	0.4724	0.0422	0.0085	22	-0.06	0%	0
027.43	Magnesium, ICP, Microwave (%)	0861	0.4730	0.0160	0.4724	0.0422	0.0085	22	0.01	0%	0
027.43	Magnesium, ICP, Microwave (%)	0033	0.4800	0.0000	0.4724	0.0422	0.0085	22	0.18	1%	0
027.43	Magnesium, ICP, Microwave (%)	0083	0.4850	0.0100	0.4724	0.0422	0.0085	22	0.30	1%	0
027.43	Magnesium, ICP, Microwave (%)	2089	0.5000	0.0200	0.4724	0.0422	0.0085	22	0.65	3%	0
027.43	Magnesium, ICP, Microwave (%)	0006	0.5025	0.0010	0.4724	0.0422	0.0085	22	0.71	3%	0
027.43	Magnesium, ICP, Microwave (%)	0964	0.5026	0.0134	0.4724	0.0422	0.0085	22	0.72	3%	0
027.43	Magnesium, ICP, Microwave (%)	0610	0.5100	0.0000	0.4724	0.0422	0.0085	22	0.89	4%	0
027.43	Magnesium, ICP, Microwave (%)	0675	0.5250	0.0100	0.4724	0.0422	0.0085	22	1.25	6%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
027.43	Magnesium, ICP, Microwave (%)	0682	0.5400	0.0000	0.4724	0.0422	0.0085	22	1.60	7%	0
027.43	Magnesium, ICP, Microwave (%)	0032	0.6000	0.0000	0.4724	0.0422	0.0085	22	3.02	14%	0
027.43	Magnesium, ICP, Microwave (%)	0028	0.5300	0.1200	0.4724	0.0422	0.0085	22	1.37	6%	1
027.51	Magnesium, ICP-MS, Dry ash (%)	2146	0.5088	0.0037				1			0
027.52	Magnesium, ICP-MS, Open vessel (%)	0016	0.4685	0.0150	0.5036	0.0383	0.0187	4			0
027.52	Magnesium, ICP-MS, Open vessel (%)	0047	0.4900	0.0200	0.5036	0.0383	0.0187	4			0
027.52	Magnesium, ICP-MS, Open vessel (%)	0186	0.4980	0.0100	0.5036	0.0383	0.0187	4			0
027.52	Magnesium, ICP-MS, Open vessel (%)	0154	0.5579	0.0296	0.5036	0.0383	0.0187	4			0
027.53	Magnesium, ICP-MS, Microwave (%)	0939	0.4600	0.0400				3			0
027.53	Magnesium, ICP-MS, Microwave (%)	0572	0.4880	0.0340				3			0
027.53	Magnesium, ICP-MS, Microwave (%)	0553	0.5140	0.0320				3			0
027.53	Magnesium, ICP-MS, Microwave (%)	2055	4,545	254.0				3			2
027.99	Magnesium, Miscellaneous (%)	0242	0.4700	0.0000				3			0
027.99	Magnesium, Miscellaneous (%)	0590	0.4900	0.0000				3			0
027.99	Magnesium, Miscellaneous (%)	0100	0.5250	0.0300				3			0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	2062	136.2	0.7000	272.3	22.58	3.229	16	-6.03	25%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0629	247.5	5.000	272.3	22.58	3.229	16	-1.10	5%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	2195	251.7	1.410	272.3	22.58	3.229	16	-0.91	4%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0536	253.1	2.880	272.3	22.58	3.229	16	-0.85	4%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0689	258.9	5.600	272.3	22.58	3.229	16	-0.59	2%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	2022	259.9	2.752	272.3	22.58	3.229	16	-0.55	2%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0175	261.0	2.000	272.3	22.58	3.229	16	-0.50	2%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0868	272.7	0.6800	272.3	22.58	3.229	16	0.02	0%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	2188	274.4	4.720	272.3	22.58	3.229	16	0.09	0%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0884	279.1	9.400	272.3	22.58	3.229	16	0.30	1%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0354	283.8	1.500	272.3	22.58	3.229	16	0.51	2%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	2196	289.3	0.0000	272.3	22.58	3.229	16	0.75	3%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0723	292.0	0.0000	272.3	22.58	3.229	16	0.87	4%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0656	293.6	2.780	272.3	22.58	3.229	16	0.95	4%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0849	297.5	5.100	272.3	22.58	3.229	16	1.11	5%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	2144	303.6	7.140	272.3	22.58	3.229	16	1.39	6%	0
028.32	Manganese, AAS, Open vessel (mg / kg (ppm))	2128	286.7	92.73				1			0
028.33	Manganese, AAS, Microwave (mg / kg (ppm))	0948	286.1	7.834				1			0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0720	131.3	3.840	267.6	28.41	6.692	23	-4.80	25%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0405	185.8	0.0000	267.6	28.41	6.692	23	-2.88	15%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0598	222.6	7.600	267.6	28.41	6.692	23	-1.59	8%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0049	223.9	3.460	267.6	28.41	6.692	23	-1.54	8%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0511	252.0	20.00	267.6	28.41	6.692	23	-0.55	3%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0520	252.5	13.00	267.6	28.41	6.692	23	-0.53	3%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0553	257.5	3.000	267.6	28.41	6.692	23	-0.36	2%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0407	258.1	27.72	267.6	28.41	6.692	23	-0.33	2%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0003	258.5	1.000	267.6	28.41	6.692	23	-0.32	2%	0

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028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0653	269.4	0.0000	267.6	28.41	6.692	23	0.06	0%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0098	270.5	3.600	267.6	28.41	6.692	23	0.10	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0148	270.6	12.32	267.6	28.41	6.692	23	0.10	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0619	271.5	1.000	267.6	28.41	6.692	23	0.14	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0164	278.0	10.00	267.6	28.41	6.692	23	0.36	2%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0171	278.1	1.900	267.6	28.41	6.692	23	0.37	2%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0074	279.0	4.000	267.6	28.41	6.692	23	0.40	2%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0019	283.8	7.600	267.6	28.41	6.692	23	0.57	3%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0910	285.0	10.00	267.6	28.41	6.692	23	0.61	3%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0229	292.8	2.700	267.6	28.41	6.692	23	0.88	5%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0226	293.3	10.17	267.6	28.41	6.692	23	0.90	5%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	2145	297.8	4.580	267.6	28.41	6.692	23	1.06	6%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0878	298.0	4.000	267.6	28.41	6.692	23	1.07	6%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0358	309.2	2.430	267.6	28.41	6.692	23	1.46	8%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0848	6,259	48.51	267.6	28.41	6.692	23	210.90	1119%	2
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0037	247.0	10.00	280.2	20.14	7.275	20	-1.65	6%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0278	257.5	21.00	280.2	20.14	7.275	20	-1.13	4%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0870	258.9	13.60	280.2	20.14	7.275	20	-1.06	4%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0190	259.6	0.1200	280.2	20.14	7.275	20	-1.02	4%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0045	262.0	20.00	280.2	20.14	7.275	20	-0.90	3%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0693	269.7	7.223	280.2	20.14	7.275	20	-0.52	2%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0263	270.0	0.5600	280.2	20.14	7.275	20	-0.51	2%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0009	277.0	14.00	280.2	20.14	7.275	20	-0.16	1%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0187	278.2	0.5400	280.2	20.14	7.275	20	-0.10	0%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0692	279.0	10.00	280.2	20.14	7.275	20	-0.06	0%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0685	279.6	2.960	280.2	20.14	7.275	20	-0.03	0%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0035	282.5	1.000	280.2	20.14	7.275	20	0.12	0%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0042	283.5	15.00	280.2	20.14	7.275	20	0.17	1%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0186	287.5	3.000	280.2	20.14	7.275	20	0.36	1%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0560	287.9	0.4000	280.2	20.14	7.275	20	0.38	1%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0357	298.1	4.433	280.2	20.14	7.275	20	0.89	3%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0265	300.5	3.000	280.2	20.14	7.275	20	1.01	4%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0726	301.2	0.9000	280.2	20.14	7.275	20	1.04	4%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	2053	311.5	17.00	280.2	20.14	7.275	20	1.56	6%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0294	336.5	0.7600	280.2	20.14	7.275	20	2.80	10%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	2012	621.1	40.99	280.2	20.14	7.275	20	16.93	61%	2
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0964	260.5	0.7820	280.5	17.61	3.796	20	-1.14	4%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0345	262.0	3.500	280.5	17.61	3.796	20	-1.06	3%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0505	263.0	1.800	280.5	17.61	3.796	20	-1.00	3%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0425	265.8	5.100	280.5	17.61	3.796	20	-0.84	3%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0510	267.0	4.000	280.5	17.61	3.796	20	-0.77	2%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0028	269.4	3.960	280.5	17.61	3.796	20	-0.63	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0035	270.0	2.000	280.5	17.61	3.796	20	-0.60	2%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0353	270.0	8.000	280.5	17.61	3.796	20	-0.60	2%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0033	270.5	1.000	280.5	17.61	3.796	20	-0.57	2%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0861	276.0	2.000	280.5	17.61	3.796	20	-0.26	1%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0098	276.9	1.500	280.5	17.61	3.796	20	-0.21	1%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0968	281.5	1.000	280.5	17.61	3.796	20	0.06	0%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0083	288.0	6.000	280.5	17.61	3.796	20	0.42	1%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0682	290.1	0.0000	280.5	17.61	3.796	20	0.54	2%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0610	291.0	4.000	280.5	17.61	3.796	20	0.60	2%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0202	293.5	0.1200	280.5	17.61	3.796	20	0.74	2%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0918	298.3	23.43	280.5	17.61	3.796	20	1.01	3%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	2089	305.1	1.980	280.5	17.61	3.796	20	1.39	4%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0675	305.1	0.7400	280.5	17.61	3.796	20	1.40	4%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0032	333.5	5.000	280.5	17.61	3.796	20	3.01	9%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0169	283.0	24.00	280.5	17.61	3.796	20	0.14	0%	1
028.52	Manganese, ICP-MS, Open vessel (mg / kg (ppm))	0016	265.0	12.00				3			0
028.52	Manganese, ICP-MS, Open vessel (mg / kg (ppm))	0047	290.2	5.600				3			0
028.52	Manganese, ICP-MS, Open vessel (mg / kg (ppm))	0186	312.0	8.000				3			0
028.53	Manganese, ICP-MS, Microwave (mg / kg (ppm))	2192	223.4	32.72	254.2	30.62	17.77	5			0
028.53	Manganese, ICP-MS, Microwave (mg / kg (ppm))	2055	227.5	6.800	254.2	30.62	17.77	5			0
028.53	Manganese, ICP-MS, Microwave (mg / kg (ppm))	0553	248.5	25.00	254.2	30.62	17.77	5			0
028.53	Manganese, ICP-MS, Microwave (mg / kg (ppm))	0939	281.3	19.33	254.2	30.62	17.77	5			0
028.53	Manganese, ICP-MS, Microwave (mg / kg (ppm))	0572	290.5	5.000	254.2	30.62	17.77	5			0
028.99	Manganese, Miscellaneous (mg / kg (ppm))	2129	256.0	2.000	287.3	26.95	8.000	4			0
028.99	Manganese, Miscellaneous (mg / kg (ppm))	0242	273.5	1.000	287.3	26.95	8.000	4			0
028.99	Manganese, Miscellaneous (mg / kg (ppm))	0590	309.5	7.000	287.3	26.95	8.000	4			0
028.99	Manganese, Miscellaneous (mg / kg (ppm))	0100	310.0	22.00	287.3	26.95	8.000	4			0
031.00	Phosphorus, Vol (%)	0893	2.730	0.0000				1			0
031.01	Phosphorus, Photometric (%)	0108	1.580	0.0600	2.620	0.1253	0.0450	46	-8.30	20%	0
031.01	Phosphorus, Photometric (%)	0609	1.800	0.0800	2.620	0.1253	0.0450	46	-6.54	16%	0
031.01	Phosphorus, Photometric (%)	0626	2.256	0.0210	2.620	0.1253	0.0450	46	-2.91	7%	0
031.01	Phosphorus, Photometric (%)	0874	2.387	0.0270	2.620	0.1253	0.0450	46	-1.86	4%	0
031.01	Phosphorus, Photometric (%)	2199	2.395	0.0100	2.620	0.1253	0.0450	46	-1.79	4%	0
031.01	Phosphorus, Photometric (%)	0674	2.430	0.0000	2.620	0.1253	0.0450	46	-1.51	4%	0
031.01	Phosphorus, Photometric (%)	0687	2.455	0.2900	2.620	0.1253	0.0450	46	-1.31	3%	0
031.01	Phosphorus, Photometric (%)	2200	2.500	0.0000	2.620	0.1253	0.0450	46	-0.95	2%	0
031.01	Phosphorus, Photometric (%)	0016	2.510	0.2400	2.620	0.1253	0.0450	46	-0.88	2%	0
031.01	Phosphorus, Photometric (%)	0881	2.525	0.0060	2.620	0.1253	0.0450	46	-0.76	2%	0
031.01	Phosphorus, Photometric (%)	0142	2.538	0.0777	2.620	0.1253	0.0450	46	-0.65	2%	0
031.01	Phosphorus, Photometric (%)	2215	2.540	0.0000	2.620	0.1253	0.0450	46	-0.64	2%	0
031.01	Phosphorus, Photometric (%)	0897	2.550	0.0000	2.620	0.1253	0.0450	46	-0.56	1%	0
031.01	Phosphorus, Photometric (%)	0651	2.573	0.0100	2.620	0.1253	0.0450	46	-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	
031.01	Phosphorus, Photometric (%)	2062	2.580	0.0200	2.620	0.1253	0.0450	46	-0.32	1%	0
031.01	Phosphorus, Photometric (%)	2181	2.590	0.0600	2.620	0.1253	0.0450	46	-0.24	1%	0
031.01	Phosphorus, Photometric (%)	2009	2.596	0.0031	2.620	0.1253	0.0450	46	-0.19	0%	0
031.01	Phosphorus, Photometric (%)	2193	2.600	0.0200	2.620	0.1253	0.0450	46	-0.16	0%	0
031.01	Phosphorus, Photometric (%)	2188	2.610	0.0200	2.620	0.1253	0.0450	46	-0.08	0%	0
031.01	Phosphorus, Photometric (%)	2128	2.615	0.1280	2.620	0.1253	0.0450	46	-0.04	0%	0
031.01	Phosphorus, Photometric (%)	2192	2.620	0.0000	2.620	0.1253	0.0450	46	0.00	0%	0
031.01	Phosphorus, Photometric (%)	0849	2.621	0.0020	2.620	0.1253	0.0450	46	0.01	0%	0
031.01	Phosphorus, Photometric (%)	0175	2.640	0.0800	2.620	0.1253	0.0450	46	0.16	0%	0
031.01	Phosphorus, Photometric (%)	0656	2.640	0.0000	2.620	0.1253	0.0450	46	0.16	0%	0
031.01	Phosphorus, Photometric (%)	0868	2.645	0.1700	2.620	0.1253	0.0450	46	0.20	0%	0
031.01	Phosphorus, Photometric (%)	2006	2.650	0.0190	2.620	0.1253	0.0450	46	0.24	1%	0
031.01	Phosphorus, Photometric (%)	0723	2.650	0.0000	2.620	0.1253	0.0450	46	0.24	1%	0
031.01	Phosphorus, Photometric (%)	2196	2.650	0.0000	2.620	0.1253	0.0450	46	0.24	1%	0
031.01	Phosphorus, Photometric (%)	0948	2.654	0.0050	2.620	0.1253	0.0450	46	0.27	1%	0
031.01	Phosphorus, Photometric (%)	0629	2.660	0.1200	2.620	0.1253	0.0450	46	0.32	1%	0
031.01	Phosphorus, Photometric (%)	0689	2.660	0.0400	2.620	0.1253	0.0450	46	0.32	1%	0
031.01	Phosphorus, Photometric (%)	2190	2.674	0.0005	2.620	0.1253	0.0450	46	0.43	1%	0
031.01	Phosphorus, Photometric (%)	0354	2.680	0.0000	2.620	0.1253	0.0450	46	0.48	1%	0
031.01	Phosphorus, Photometric (%)	0511	2.680	0.0000	2.620	0.1253	0.0450	46	0.48	1%	0
031.01	Phosphorus, Photometric (%)	0683	2.680	0.0800	2.620	0.1253	0.0450	46	0.48	1%	0
031.01	Phosphorus, Photometric (%)	2198	2.695	0.0300	2.620	0.1253	0.0450	46	0.60	1%	0
031.01	Phosphorus, Photometric (%)	0590	2.700	0.0000	2.620	0.1253	0.0450	46	0.64	2%	0
031.01	Phosphorus, Photometric (%)	2195	2.710	0.0000	2.620	0.1253	0.0450	46	0.72	2%	0
031.01	Phosphorus, Photometric (%)	0878	2.730	0.0200	2.620	0.1253	0.0450	46	0.88	2%	0
031.01	Phosphorus, Photometric (%)	2022	2.735	0.0100	2.620	0.1253	0.0450	46	0.92	2%	0
031.01	Phosphorus, Photometric (%)	2126	2.755	0.0100	2.620	0.1253	0.0450	46	1.08	3%	0
031.01	Phosphorus, Photometric (%)	0885	2.774	0.0117	2.620	0.1253	0.0450	46	1.23	3%	0
031.01	Phosphorus, Photometric (%)	2109	2.807	0.0190	2.620	0.1253	0.0450	46	1.49	4%	0
031.01	Phosphorus, Photometric (%)	0018	2.955	0.3100	2.620	0.1253	0.0450	46	2.68	6%	0
031.01	Phosphorus, Photometric (%)	2031	2.970	0.0610	2.620	0.1253	0.0450	46	2.80	7%	0
031.01	Phosphorus, Photometric (%)	2223	3.255	0.0100	2.620	0.1253	0.0450	46	5.07	12%	0
031.01	Phosphorus, Photometric (%)	0884	2.600	0.5400	2.620	0.1253	0.0450	46	-0.16	0%	1
031.02	Phosphorus, GQMP (AOAC 935.13-Extraction) (%)	2053	2.680	0.0000				2			0
031.02	Phosphorus, GQMP (AOAC 935.13-Extraction) (%)	0505	2.725	0.0100				2			0
031.03	Phosphorus, Autoanalyzer (%)	0001	2.457	0.0590	2.641	0.1427	0.0275	4			0
031.03	Phosphorus, Autoanalyzer (%)	0169	2.650	0.0200	2.641	0.1427	0.0275	4			0
031.03	Phosphorus, Autoanalyzer (%)	0036	2.650	0.0011	2.641	0.1427	0.0275	4			0
031.03	Phosphorus, Autoanalyzer (%)	0504	2.805	0.0300	2.641	0.1427	0.0275	4			0
031.06	Phosphorus, Hach Method (%)	0536	2.355	0.0500				1			0
031.41	Phosphorus, ICP, Dry ash (%)	0144	2.195	0.0300	2.553	0.2376	0.0454	24	-1.51	7%	0
031.41	Phosphorus, ICP, Dry ash (%)	0003	2.285	0.0900	2.553	0.2376	0.0454	24	-1.13	5%	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	
031.41	Phosphorus, ICP, Dry ash (%)	0164	2.305	0.0100	2.553	0.2376	0.0454	24	-1.04	5%	0
031.41	Phosphorus, ICP, Dry ash (%)	0848	2.345	0.0100	2.553	0.2376	0.0454	24	-0.88	4%	0
031.41	Phosphorus, ICP, Dry ash (%)	0405	2.360	0.0000	2.553	0.2376	0.0454	24	-0.81	4%	0
031.41	Phosphorus, ICP, Dry ash (%)	0619	2.380	0.1800	2.553	0.2376	0.0454	24	-0.73	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0019	2.390	0.0400	2.553	0.2376	0.0454	24	-0.69	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0520	2.390	0.0800	2.553	0.2376	0.0454	24	-0.69	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0720	2.410	0.1000	2.553	0.2376	0.0454	24	-0.60	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0123	2.455	0.0300	2.553	0.2376	0.0454	24	-0.41	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0553	2.510	0.0000	2.553	0.2376	0.0454	24	-0.18	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0171	2.530	0.0000	2.553	0.2376	0.0454	24	-0.10	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0098	2.553	0.1690	2.553	0.2376	0.0454	24	0.00	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0685	2.585	0.0100	2.553	0.2376	0.0454	24	0.13	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0148	2.605	0.0100	2.553	0.2376	0.0454	24	0.22	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0049	2.640	0.0600	2.553	0.2376	0.0454	24	0.37	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0407	2.663	0.0434	2.553	0.2376	0.0454	24	0.46	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	2145	2.674	0.0132	2.553	0.2376	0.0454	24	0.51	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0229	2.690	0.0400	2.553	0.2376	0.0454	24	0.58	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0653	2.742	0.0040	2.553	0.2376	0.0454	24	0.79	4%	0
031.41	Phosphorus, ICP, Dry ash (%)	0598	2.880	0.0110	2.553	0.2376	0.0454	24	1.37	6%	0
031.41	Phosphorus, ICP, Dry ash (%)	0074	2.880	0.0000	2.553	0.2376	0.0454	24	1.38	6%	0
031.41	Phosphorus, ICP, Dry ash (%)	0226	2.900	0.0800	2.553	0.2376	0.0454	24	1.46	7%	0
031.41	Phosphorus, ICP, Dry ash (%)	0358	3.120	0.0800	2.553	0.2376	0.0454	24	2.39	11%	0
031.41	Phosphorus, ICP, Dry ash (%)	0910	2.740	0.2600	2.553	0.2376	0.0454	24	0.79	4%	1
031.42	Phosphorus, ICP, Open vessel (%)	0357	2.042	0.0701	2.494	0.2052	0.0678	21	-2.21	9%	0
031.42	Phosphorus, ICP, Open vessel (%)	0278	2.180	0.0400	2.494	0.2052	0.0678	21	-1.53	6%	0
031.42	Phosphorus, ICP, Open vessel (%)	0047	2.205	0.0100	2.494	0.2052	0.0678	21	-1.41	6%	0
031.42	Phosphorus, ICP, Open vessel (%)	0009	2.282	0.1269	2.494	0.2052	0.0678	21	-1.03	4%	0
031.42	Phosphorus, ICP, Open vessel (%)	0187	2.320	0.0200	2.494	0.2052	0.0678	21	-0.85	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	0870	2.402	0.1050	2.494	0.2052	0.0678	21	-0.45	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	2012	2.440	0.1800	2.494	0.2052	0.0678	21	-0.26	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0035	2.480	0.0800	2.494	0.2052	0.0678	21	-0.07	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0205	2.480	0.0400	2.494	0.2052	0.0678	21	-0.07	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0294	2.510	0.0400	2.494	0.2052	0.0678	21	0.08	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0693	2.525	0.0010	2.494	0.2052	0.0678	21	0.15	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0045	2.530	0.0200	2.494	0.2052	0.0678	21	0.17	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0726	2.539	0.0100	2.494	0.2052	0.0678	21	0.22	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0042	2.550	0.2800	2.494	0.2052	0.0678	21	0.27	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0186	2.565	0.1500	2.494	0.2052	0.0678	21	0.34	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0037	2.610	0.0400	2.494	0.2052	0.0678	21	0.56	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0190	2.630	0.0800	2.494	0.2052	0.0678	21	0.66	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	0560	2.658	0.0671	2.494	0.2052	0.0678	21	0.80	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	0263	2.679	0.0040	2.494	0.2052	0.0678	21	0.90	4%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
031.42	Phosphorus, ICP, Open vessel (%)	0265	2.820	0.0400	2.494	0.2052	0.0678	21	1.59	7%	0
031.42	Phosphorus, ICP, Open vessel (%)	2129	2.910	0.0200	2.494	0.2052	0.0678	21	2.03	8%	0
031.42	Phosphorus, ICP, Open vessel (%)	0692	2.520	0.3800	2.494	0.2052	0.0678	21	0.13	1%	1
031.43	Phosphorus, ICP, Microwave (%)	0918	2.263	0.0330	2.609	0.1916	0.0496	23	-1.81	7%	0
031.43	Phosphorus, ICP, Microwave (%)	0035	2.335	0.0300	2.609	0.1916	0.0496	23	-1.43	5%	0
031.43	Phosphorus, ICP, Microwave (%)	0345	2.385	0.0900	2.609	0.1916	0.0496	23	-1.17	4%	0
031.43	Phosphorus, ICP, Microwave (%)	0027	2.401	0.1110	2.609	0.1916	0.0496	23	-1.09	4%	0
031.43	Phosphorus, ICP, Microwave (%)	0089	2.430	0.0000	2.609	0.1916	0.0496	23	-0.93	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0010	2.450	0.0200	2.609	0.1916	0.0496	23	-0.83	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0202	2.512	0.0250	2.609	0.1916	0.0496	23	-0.51	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0964	2.512	0.1618	2.609	0.1916	0.0496	23	-0.51	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0610	2.525	0.0300	2.609	0.1916	0.0496	23	-0.44	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0425	2.595	0.0100	2.609	0.1916	0.0496	23	-0.07	0%	0
031.43	Phosphorus, ICP, Microwave (%)	2089	2.615	0.0500	2.609	0.1916	0.0496	23	0.03	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0033	2.620	0.0800	2.609	0.1916	0.0496	23	0.06	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0861	2.675	0.0500	2.609	0.1916	0.0496	23	0.35	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0682	2.690	0.0000	2.609	0.1916	0.0496	23	0.42	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0675	2.690	0.0200	2.609	0.1916	0.0496	23	0.42	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0968	2.697	0.0040	2.609	0.1916	0.0496	23	0.46	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0510	2.710	0.0000	2.609	0.1916	0.0496	23	0.53	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0036	2.713	0.0347	2.609	0.1916	0.0496	23	0.55	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0098	2.736	0.0710	2.609	0.1916	0.0496	23	0.66	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0032	2.820	0.0200	2.609	0.1916	0.0496	23	1.10	4%	0
031.43	Phosphorus, ICP, Microwave (%)	0083	2.835	0.1100	2.609	0.1916	0.0496	23	1.18	4%	0
031.43	Phosphorus, ICP, Microwave (%)	0028	2.840	0.1400	2.609	0.1916	0.0496	23	1.21	4%	0
031.43	Phosphorus, ICP, Microwave (%)	0353	2.895	0.0500	2.609	0.1916	0.0496	23	1.49	5%	0
031.51	Phosphorus, ICP-MS, Dry ash (%)	2146	2.711	0.0353				1			0
031.52	Phosphorus, ICP-MS, Open vessel (%)	0154	2.330	0.0732				2			0
031.52	Phosphorus, ICP-MS, Open vessel (%)	0186	2.600	0.0600				2			0
031.53	Phosphorus, ICP-MS, Microwave (%)	2055	2.460	0.2226	2.685	0.1517	0.0807	4			0
031.53	Phosphorus, ICP-MS, Microwave (%)	0553	2.735	0.0100	2.685	0.1517	0.0807	4			0
031.53	Phosphorus, ICP-MS, Microwave (%)	0572	2.755	0.0300	2.685	0.1517	0.0807	4			0
031.53	Phosphorus, ICP-MS, Microwave (%)	0939	2.790	0.0600	2.685	0.1517	0.0807	4			0
031.99	Phosphorus, Miscellaneous (%)	0852	1.450	0.1000	2.284	0.5565	0.0525	4			0
031.99	Phosphorus, Miscellaneous (%)	0676	2.540	0.0200	2.284	0.5565	0.0525	4			0
031.99	Phosphorus, Miscellaneous (%)	0100	2.545	0.0700	2.284	0.5565	0.0525	4			0
031.99	Phosphorus, Miscellaneous (%)	0242	2.600	0.0200	2.284	0.5565	0.0525	4			0
031.99	Phosphorus, Miscellaneous (%)	0300	3.055	0.3500	2.284	0.5565	0.0525	4			1
032.02	Potassium, Flame Emission (%)	0504	1.440	0.0000				1			0
032.08	Potassium, Ion-selective electrode (%)	2109	1.216	0.0110				1			0
032.31	Potassium, AAS, Dry ash (%)	0874	1.355	0.0100	1.436	0.0514	0.0169	13	-1.58	3%	0
032.31	Potassium, AAS, Dry ash (%)	0536	1.365	0.0100	1.436	0.0514	0.0169	13	-1.39	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
032.31	Potassium, AAS, Dry ash (%)	0629	1.395	0.0500	1.436	0.0514	0.0169	13	-0.81	1%	0
032.31	Potassium, AAS, Dry ash (%)	0175	1.400	0.0200	1.436	0.0514	0.0169	13	-0.71	1%	0
032.31	Potassium, AAS, Dry ash (%)	2053	1.430	0.0200	1.436	0.0514	0.0169	13	-0.13	0%	0
032.31	Potassium, AAS, Dry ash (%)	2022	1.435	0.0100	1.436	0.0514	0.0169	13	-0.03	0%	0
032.31	Potassium, AAS, Dry ash (%)	0868	1.445	0.0100	1.436	0.0514	0.0169	13	0.17	0%	0
032.31	Potassium, AAS, Dry ash (%)	0354	1.455	0.0100	1.436	0.0514	0.0169	13	0.36	1%	0
032.31	Potassium, AAS, Dry ash (%)	0948	1.458	0.0110	1.436	0.0514	0.0169	13	0.41	1%	0
032.31	Potassium, AAS, Dry ash (%)	0683	1.465	0.0100	1.436	0.0514	0.0169	13	0.56	1%	0
032.31	Potassium, AAS, Dry ash (%)	2195	1.475	0.0100	1.436	0.0514	0.0169	13	0.75	1%	0
032.31	Potassium, AAS, Dry ash (%)	0656	1.485	0.0100	1.436	0.0514	0.0169	13	0.94	2%	0
032.31	Potassium, AAS, Dry ash (%)	0142	1.507	0.0388	1.436	0.0514	0.0169	13	1.38	2%	0
032.31	Potassium, AAS, Dry ash (%)	2146	0.4453	0.0027	1.436	0.0514	0.0169	13	-19.28	35%	2
032.32	Potassium, AAS, Open vessel (%)	0609	1.220	0.0600				3			0
032.32	Potassium, AAS, Open vessel (%)	0169	1.270	0.0600				3			0
032.32	Potassium, AAS, Open vessel (%)	0035	1.360	0.0200				3			0
032.33	Potassium, AAS, Microwave (%)	0612	1.505	0.0100				1			0
032.41	Potassium, ICP, Dry ash (%)	0405	1.240	0.0000	1.432	0.0678	0.0435	23	-2.82	7%	0
032.41	Potassium, ICP, Dry ash (%)	0098	1.315	0.0100	1.432	0.0678	0.0435	23	-1.72	4%	0
032.41	Potassium, ICP, Dry ash (%)	0144	1.330	0.0200	1.432	0.0678	0.0435	23	-1.50	4%	0
032.41	Potassium, ICP, Dry ash (%)	0619	1.340	0.0400	1.432	0.0678	0.0435	23	-1.35	3%	0
032.41	Potassium, ICP, Dry ash (%)	0553	1.355	0.0100	1.432	0.0678	0.0435	23	-1.13	3%	0
032.41	Potassium, ICP, Dry ash (%)	0653	1.388	0.0040	1.432	0.0678	0.0435	23	-0.64	2%	0
032.41	Potassium, ICP, Dry ash (%)	0720	1.425	0.0100	1.432	0.0678	0.0435	23	-0.10	0%	0
032.41	Potassium, ICP, Dry ash (%)	0910	1.425	0.1500	1.432	0.0678	0.0435	23	-0.10	0%	0
032.41	Potassium, ICP, Dry ash (%)	0407	1.428	0.0634	1.432	0.0678	0.0435	23	-0.06	0%	0
032.41	Potassium, ICP, Dry ash (%)	0358	1.430	0.0200	1.432	0.0678	0.0435	23	-0.02	0%	0
032.41	Potassium, ICP, Dry ash (%)	0019	1.445	0.0500	1.432	0.0678	0.0435	23	0.20	0%	0
032.41	Potassium, ICP, Dry ash (%)	0511	1.445	0.0100	1.432	0.0678	0.0435	23	0.20	0%	0
032.41	Potassium, ICP, Dry ash (%)	0148	1.450	0.0400	1.432	0.0678	0.0435	23	0.27	1%	0
032.41	Potassium, ICP, Dry ash (%)	0229	1.450	0.0000	1.432	0.0678	0.0435	23	0.27	1%	0
032.41	Potassium, ICP, Dry ash (%)	0520	1.450	0.0000	1.432	0.0678	0.0435	23	0.27	1%	0
032.41	Potassium, ICP, Dry ash (%)	0074	1.460	0.0200	1.432	0.0678	0.0435	23	0.42	1%	0
032.41	Potassium, ICP, Dry ash (%)	0164	1.460	0.1000	1.432	0.0678	0.0435	23	0.42	1%	0
032.41	Potassium, ICP, Dry ash (%)	0878	1.470	0.0200	1.432	0.0678	0.0435	23	0.57	1%	0
032.41	Potassium, ICP, Dry ash (%)	0049	1.475	0.1100	1.432	0.0678	0.0435	23	0.64	2%	0
032.41	Potassium, ICP, Dry ash (%)	0598	1.492	0.0320	1.432	0.0678	0.0435	23	0.89	2%	0
032.41	Potassium, ICP, Dry ash (%)	0171	1.513	0.0000	1.432	0.0678	0.0435	23	1.20	3%	0
032.41	Potassium, ICP, Dry ash (%)	0226	1.515	0.1300	1.432	0.0678	0.0435	23	1.23	3%	0
032.41	Potassium, ICP, Dry ash (%)	0003	1.520	0.1600	1.432	0.0678	0.0435	23	1.30	3%	0
032.41	Potassium, ICP, Dry ash (%)	0848	14,883	6.940	1.432	0.0678	0.0435	23	219392.68	519781%	2
032.42	Potassium, ICP, Open vessel (%)	2129	1.320	0.0200	1.464	0.0792	0.0470	21	-1.82	5%	0
032.42	Potassium, ICP, Open vessel (%)	0278	1.360	0.0400	1.464	0.0792	0.0470	21	-1.31	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	
032.42	Potassium, ICP, Open vessel (%)	0035	1.360	0.0200	1.464	0.0792	0.0470	21	-1.31	4%	0
032.42	Potassium, ICP, Open vessel (%)	0045	1.400	0.0200	1.464	0.0792	0.0470	21	-0.81	2%	0
032.42	Potassium, ICP, Open vessel (%)	0042	1.405	0.0900	1.464	0.0792	0.0470	21	-0.75	2%	0
032.42	Potassium, ICP, Open vessel (%)	0693	1.412	0.0320	1.464	0.0792	0.0470	21	-0.66	2%	0
032.42	Potassium, ICP, Open vessel (%)	0870	1.420	0.0540	1.464	0.0792	0.0470	21	-0.56	2%	0
032.42	Potassium, ICP, Open vessel (%)	0357	1.444	0.0185	1.464	0.0792	0.0470	21	-0.25	1%	0
032.42	Potassium, ICP, Open vessel (%)	0047	1.445	0.0500	1.464	0.0792	0.0470	21	-0.24	1%	0
032.42	Potassium, ICP, Open vessel (%)	0187	1.445	0.0100	1.464	0.0792	0.0470	21	-0.24	1%	0
032.42	Potassium, ICP, Open vessel (%)	0009	1.473	0.0375	1.464	0.0792	0.0470	21	0.11	0%	0
032.42	Potassium, ICP, Open vessel (%)	0205	1.475	0.0300	1.464	0.0792	0.0470	21	0.14	0%	0
032.42	Potassium, ICP, Open vessel (%)	0560	1.491	0.0473	1.464	0.0792	0.0470	21	0.34	1%	0
032.42	Potassium, ICP, Open vessel (%)	0726	1.497	0.0020	1.464	0.0792	0.0470	21	0.42	1%	0
032.42	Potassium, ICP, Open vessel (%)	0265	1.500	0.0600	1.464	0.0792	0.0470	21	0.45	1%	0
032.42	Potassium, ICP, Open vessel (%)	0692	1.505	0.1500	1.464	0.0792	0.0470	21	0.52	1%	0
032.42	Potassium, ICP, Open vessel (%)	0263	1.513	0.0364	1.464	0.0792	0.0470	21	0.62	2%	0
032.42	Potassium, ICP, Open vessel (%)	0190	1.535	0.0300	1.464	0.0792	0.0470	21	0.90	2%	0
032.42	Potassium, ICP, Open vessel (%)	2012	1.565	0.0900	1.464	0.0792	0.0470	21	1.27	3%	0
032.42	Potassium, ICP, Open vessel (%)	0037	1.575	0.0300	1.464	0.0792	0.0470	21	1.40	4%	0
032.42	Potassium, ICP, Open vessel (%)	0186	1.580	0.1200	1.464	0.0792	0.0470	21	1.46	4%	0
032.42	Potassium, ICP, Open vessel (%)	0294	2.750	0.0400	1.464	0.0792	0.0470	21	16.24	44%	2
032.43	Potassium, ICP, Microwave (%)	0918	1.283	0.1020	1.454	0.0938	0.0279	23	-1.82	6%	0
032.43	Potassium, ICP, Microwave (%)	2089	1.295	0.1100	1.454	0.0938	0.0279	23	-1.69	5%	0
032.43	Potassium, ICP, Microwave (%)	0510	1.370	0.0000	1.454	0.0938	0.0279	23	-0.89	3%	0
032.43	Potassium, ICP, Microwave (%)	0098	1.380	0.0400	1.454	0.0938	0.0279	23	-0.79	3%	0
032.43	Potassium, ICP, Microwave (%)	0505	1.385	0.0300	1.454	0.0938	0.0279	23	-0.73	2%	0
032.43	Potassium, ICP, Microwave (%)	0964	1.393	0.0768	1.454	0.0938	0.0279	23	-0.65	2%	0
032.43	Potassium, ICP, Microwave (%)	0035	1.395	0.0300	1.454	0.0938	0.0279	23	-0.63	2%	0
032.43	Potassium, ICP, Microwave (%)	0425	1.420	0.0200	1.454	0.0938	0.0279	23	-0.36	1%	0
032.43	Potassium, ICP, Microwave (%)	0682	1.420	0.0000	1.454	0.0938	0.0279	23	-0.36	1%	0
032.43	Potassium, ICP, Microwave (%)	0033	1.430	0.0000	1.454	0.0938	0.0279	23	-0.26	1%	0
032.43	Potassium, ICP, Microwave (%)	0353	1.435	0.0300	1.454	0.0938	0.0279	23	-0.20	1%	0
032.43	Potassium, ICP, Microwave (%)	0345	1.440	0.0200	1.454	0.0938	0.0279	23	-0.15	0%	0
032.43	Potassium, ICP, Microwave (%)	0006	1.444	0.0050	1.454	0.0938	0.0279	23	-0.11	0%	0
032.43	Potassium, ICP, Microwave (%)	0010	1.465	0.0500	1.454	0.0938	0.0279	23	0.12	0%	0
032.43	Potassium, ICP, Microwave (%)	0861	1.470	0.0400	1.454	0.0938	0.0279	23	0.17	1%	0
032.43	Potassium, ICP, Microwave (%)	0202	1.474	0.0110	1.454	0.0938	0.0279	23	0.21	1%	0
032.43	Potassium, ICP, Microwave (%)	0083	1.495	0.0100	1.454	0.0938	0.0279	23	0.44	1%	0
032.43	Potassium, ICP, Microwave (%)	0036	1.528	0.0138	1.454	0.0938	0.0279	23	0.78	3%	0
032.43	Potassium, ICP, Microwave (%)	0610	1.530	0.0000	1.454	0.0938	0.0279	23	0.81	3%	0
032.43	Potassium, ICP, Microwave (%)	0968	1.572	0.0030	1.454	0.0938	0.0279	23	1.25	4%	0
032.43	Potassium, ICP, Microwave (%)	0675	1.585	0.0500	1.454	0.0938	0.0279	23	1.40	5%	0
032.43	Potassium, ICP, Microwave (%)	0089	1.590	0.0000	1.454	0.0938	0.0279	23	1.45	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			
032.43	Potassium, ICP, Microwave (%)	0032	1.610	0.0000	1.454	0.0938	0.0279	23	1.66	5%	0
032.43	Potassium, ICP, Microwave (%)	0028	1.680	0.2400	1.454	0.0938	0.0279	23	2.41	8%	1
032.52	Potassium, ICP-MS, Open vessel (%)	0016	1.300	0.0400				3			0
032.52	Potassium, ICP-MS, Open vessel (%)	0186	1.505	0.0300				3			0
032.52	Potassium, ICP-MS, Open vessel (%)	0154	1.587	0.1558				3			0
032.53	Potassium, ICP-MS, Microwave (%)	0939	1.385	0.0900	1.474	0.0915	0.1101	4			0
032.53	Potassium, ICP-MS, Microwave (%)	2055	1.419	0.0703	1.474	0.0915	0.1101	4			0
032.53	Potassium, ICP-MS, Microwave (%)	0553	1.500	0.0400	1.474	0.0915	0.1101	4			0
032.53	Potassium, ICP-MS, Microwave (%)	0572	1.590	0.2400	1.474	0.0915	0.1101	4			0
032.99	Potassium, Miscellaneous (%)	0881	1.355	0.0590	1.420	0.0384	0.0518	5			0
032.99	Potassium, Miscellaneous (%)	0590	1.425	0.0300	1.420	0.0384	0.0518	5			0
032.99	Potassium, Miscellaneous (%)	0001	1.427	0.1200	1.420	0.0384	0.0518	5			0
032.99	Potassium, Miscellaneous (%)	0100	1.445	0.0500	1.420	0.0384	0.0518	5			0
032.99	Potassium, Miscellaneous (%)	0242	1.450	0.0000	1.420	0.0384	0.0518	5			0
033.00	Salt as chloride, Sol Cl (%)	0885	0.4523	0.0069	1.757	0.2846	0.0272	22	-4.58	37%	0
033.00	Salt as chloride, Sol Cl (%)	2193	0.5950	0.0700	1.757	0.2846	0.0272	22	-4.08	33%	0
033.00	Salt as chloride, Sol Cl (%)	0881	0.6015	0.0130	1.757	0.2846	0.0272	22	-4.06	33%	0
033.00	Salt as chloride, Sol Cl (%)	0675	1.410	0.1400	1.757	0.2846	0.0272	22	-1.22	10%	0
033.00	Salt as chloride, Sol Cl (%)	0171	1.450	0.0000	1.757	0.2846	0.0272	22	-1.08	9%	0
033.00	Salt as chloride, Sol Cl (%)	0539	1.500	0.0400	1.757	0.2846	0.0272	22	-0.90	7%	0
033.00	Salt as chloride, Sol Cl (%)	0897	1.520	0.0000	1.757	0.2846	0.0272	22	-0.83	7%	0
033.00	Salt as chloride, Sol Cl (%)	0893	1.810	0.0000	1.757	0.2846	0.0272	22	0.19	2%	0
033.00	Salt as chloride, Sol Cl (%)	0045	1.865	0.0300	1.757	0.2846	0.0272	22	0.38	3%	0
033.00	Salt as chloride, Sol Cl (%)	0878	1.865	0.0500	1.757	0.2846	0.0272	22	0.38	3%	0
033.00	Salt as chloride, Sol Cl (%)	2076	1.870	0.0000	1.757	0.2846	0.0272	22	0.40	3%	0
033.00	Salt as chloride, Sol Cl (%)	0353	1.875	0.0300	1.757	0.2846	0.0272	22	0.42	3%	0
033.00	Salt as chloride, Sol Cl (%)	2009	1.895	0.0028	1.757	0.2846	0.0272	22	0.49	4%	0
033.00	Salt as chloride, Sol Cl (%)	0309	1.898	0.0280	1.757	0.2846	0.0272	22	0.50	4%	0
033.00	Salt as chloride, Sol Cl (%)	2022	1.900	0.0000	1.757	0.2846	0.0272	22	0.50	4%	0
033.00	Salt as chloride, Sol Cl (%)	2196	1.920	0.0000	1.757	0.2846	0.0272	22	0.57	5%	0
033.00	Salt as chloride, Sol Cl (%)	0169	1.950	0.0000	1.757	0.2846	0.0272	22	0.68	6%	0
033.00	Salt as chloride, Sol Cl (%)	0504	1.965	0.1100	1.757	0.2846	0.0272	22	0.73	6%	0
033.00	Salt as chloride, Sol Cl (%)	2062	1.970	0.0200	1.757	0.2846	0.0272	22	0.75	6%	0
033.00	Salt as chloride, Sol Cl (%)	0693	1.985	0.0430	1.757	0.2846	0.0272	22	0.80	6%	0
033.00	Salt as chloride, Sol Cl (%)	0183	2.000	0.0000	1.757	0.2846	0.0272	22	0.86	7%	0
033.00	Salt as chloride, Sol Cl (%)	2190	2.007	0.0152	1.757	0.2846	0.0272	22	0.88	7%	0
033.00	Salt as chloride, Sol Cl (%)	0511	1.870	0.2400	1.757	0.2846	0.0272	22	0.40	3%	1
033.01	Salt as chloride, Poten Cl (%)	0229	1.890	0.0200	1.997	0.0256	0.0230	29	-4.18	3%	0
033.01	Salt as chloride, Poten Cl (%)	0510	1.910	0.1000	1.997	0.0256	0.0230	29	-3.40	2%	0
033.01	Salt as chloride, Poten Cl (%)	0425	1.945	0.0700	1.997	0.0256	0.0230	29	-2.03	1%	0
033.01	Salt as chloride, Poten Cl (%)	0083	1.960	0.0000	1.997	0.0256	0.0230	29	-1.44	1%	0
033.01	Salt as chloride, Poten Cl (%)	0004	1.965	0.0300	1.997	0.0256	0.0230	29	-1.25	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	
033.01	Salt as chloride, Poten Cl (%)	0948	1.975	0.0300	1.997	0.0256	0.0230	29	-0.86	1%	0
033.01	Salt as chloride, Poten Cl (%)	0100	1.980	0.0000	1.997	0.0256	0.0230	29	-0.66	0%	0
033.01	Salt as chloride, Poten Cl (%)	2144	1.985	0.0300	1.997	0.0256	0.0230	29	-0.47	0%	0
033.01	Salt as chloride, Poten Cl (%)	0205	1.990	0.1000	1.997	0.0256	0.0230	29	-0.27	0%	0
033.01	Salt as chloride, Poten Cl (%)	0226	1.990	0.0200	1.997	0.0256	0.0230	29	-0.27	0%	0
033.01	Salt as chloride, Poten Cl (%)	2109	1.992	0.0200	1.997	0.0256	0.0230	29	-0.19	0%	0
033.01	Salt as chloride, Poten Cl (%)	0939	1.995	0.0300	1.997	0.0256	0.0230	29	-0.08	0%	0
033.01	Salt as chloride, Poten Cl (%)	0175	1.995	0.0100	1.997	0.0256	0.0230	29	-0.08	0%	0
033.01	Salt as chloride, Poten Cl (%)	0683	1.995	0.0100	1.997	0.0256	0.0230	29	-0.08	0%	0
033.01	Salt as chloride, Poten Cl (%)	0354	2.000	0.0000	1.997	0.0256	0.0230	29	0.12	0%	0
033.01	Salt as chloride, Poten Cl (%)	0861	2.000	0.0000	1.997	0.0256	0.0230	29	0.12	0%	0
033.01	Salt as chloride, Poten Cl (%)	0964	2.000	0.0580	1.997	0.0256	0.0230	29	0.12	0%	0
033.01	Salt as chloride, Poten Cl (%)	0098	2.005	0.0100	1.997	0.0256	0.0230	29	0.32	0%	0
033.01	Salt as chloride, Poten Cl (%)	0644	2.008	0.0233	1.997	0.0256	0.0230	29	0.44	0%	0
033.01	Salt as chloride, Poten Cl (%)	0164	2.010	0.0000	1.997	0.0256	0.0230	29	0.51	0%	0
033.01	Salt as chloride, Poten Cl (%)	0242	2.010	0.0600	1.997	0.0256	0.0230	29	0.51	0%	0
033.01	Salt as chloride, Poten Cl (%)	0874	2.010	0.0000	1.997	0.0256	0.0230	29	0.51	0%	0
033.01	Salt as chloride, Poten Cl (%)	0001	2.015	0.0100	1.997	0.0256	0.0230	29	0.71	0%	0
033.01	Salt as chloride, Poten Cl (%)	0148	2.017	0.0020	1.997	0.0256	0.0230	29	0.78	1%	0
033.01	Salt as chloride, Poten Cl (%)	0278	2.020	0.0200	1.997	0.0256	0.0230	29	0.90	1%	0
033.01	Salt as chloride, Poten Cl (%)	0629	2.020	0.0000	1.997	0.0256	0.0230	29	0.90	1%	0
033.01	Salt as chloride, Poten Cl (%)	0407	2.028	0.0030	1.997	0.0256	0.0230	29	1.20	1%	0
033.01	Salt as chloride, Poten Cl (%)	0019	2.045	0.0100	1.997	0.0256	0.0230	29	1.88	1%	0
033.01	Salt as chloride, Poten Cl (%)	0596	2.080	0.0000	1.997	0.0256	0.0230	29	3.25	2%	0
033.01	Salt as chloride, Poten Cl (%)	0003	2.200	0.2000	1.997	0.0256	0.0230	29	7.94	5%	1
033.03	Salt as chloride, Quantab (%)	0656	1.600	0.0000	1.807	0.1487	0.0167	6	-1.39	6%	0
033.03	Salt as chloride, Quantab (%)	0265	1.745	0.0300	1.807	0.1487	0.0167	6	-0.41	2%	0
033.03	Salt as chloride, Quantab (%)	0726	1.820	0.0000	1.807	0.1487	0.0167	6	0.09	0%	0
033.03	Salt as chloride, Quantab (%)	0505	1.835	0.0700	1.807	0.1487	0.0167	6	0.19	1%	0
033.03	Salt as chloride, Quantab (%)	0190	1.840	0.0000	1.807	0.1487	0.0167	6	0.22	1%	0
033.03	Salt as chloride, Quantab (%)	0144	2.000	0.0000	1.807	0.1487	0.0167	6	1.30	5%	0
033.05	Salt as chloride, Ion Sel Electrode (%)	0868	1.720	0.0200				3			0
033.05	Salt as chloride, Ion Sel Electrode (%)	2129	1.835	0.0300				3			0
033.05	Salt as chloride, Ion Sel Electrode (%)	0689	1.995	0.0100				3			0
033.99	Salt, Miscellaneous (%)	0358	1.035	0.0500	1.672	0.4589	0.0781	9	-1.39	19%	0
033.99	Salt, Miscellaneous (%)	0027	1.065	0.0130	1.672	0.4589	0.0781	9	-1.32	18%	0
033.99	Salt, Miscellaneous (%)	0536	1.365	0.0700	1.672	0.4589	0.0781	9	-0.67	9%	0
033.99	Salt, Miscellaneous (%)	2181	1.800	0.3000	1.672	0.4589	0.0781	9	0.28	4%	0
033.99	Salt, Miscellaneous (%)	0853	1.900	0.2000	1.672	0.4589	0.0781	9	0.50	7%	0
033.99	Salt, Miscellaneous (%)	0910	1.900	0.0200	1.672	0.4589	0.0781	9	0.50	7%	0
033.99	Salt, Miscellaneous (%)	2145	1.950	0.0200	1.672	0.4589	0.0781	9	0.61	8%	0
033.99	Salt, Miscellaneous (%)	0682	1.970	0.0000	1.672	0.4589	0.0781	9	0.65	9%	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			
033.99	Salt, Miscellaneous (%)	2073	2.065	0.0300	1.672	0.4589	0.0781	9	0.86	12%	0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0045	10.34	0.7300				3			0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0169	15.60	0.0000				3			0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0171	16.18	0.2600				3			0
034.41	Selenium, ICP, Dry ash (mg / kg (ppm))	0848	2.400	0.0200				3			0
034.41	Selenium, ICP, Dry ash (mg / kg (ppm))	0148	13.19	0.1800				3			0
034.41	Selenium, ICP, Dry ash (mg / kg (ppm))	0619	13.40	0.6000				3			0
034.42	Selenium, ICP, Open vessel (mg / kg (ppm))	0190	13.34	0.1100				3			0
034.42	Selenium, ICP, Open vessel (mg / kg (ppm))	0186	14.00	0.0000				3			0
034.42	Selenium, ICP, Open vessel (mg / kg (ppm))	0692	20.00	0.0000				3			0
034.43	Selenium, ICP, Microwave (mg / kg (ppm))	0955	11.85	1.700	14.63	2.018	0.5250	6	-1.38	9%	0
034.43	Selenium, ICP, Microwave (mg / kg (ppm))	0027	13.91	0.7390	14.63	2.018	0.5250	6	-0.35	2%	0
034.43	Selenium, ICP, Microwave (mg / kg (ppm))	0964	14.12	0.3491	14.63	2.018	0.5250	6	-0.25	2%	0
034.43	Selenium, ICP, Microwave (mg / kg (ppm))	0968	14.97	0.0770	14.63	2.018	0.5250	6	0.17	1%	0
034.43	Selenium, ICP, Microwave (mg / kg (ppm))	0036	15.95	0.1000	14.63	2.018	0.5250	6	0.65	5%	0
034.43	Selenium, ICP, Microwave (mg / kg (ppm))	0407	16.97	0.1850	14.63	2.018	0.5250	6	1.16	8%	0
034.52	Selenium, ICP-MS, Open vessel (mg / kg (ppm))	0016	14.30	0.2000				3			0
034.52	Selenium, ICP-MS, Open vessel (mg / kg (ppm))	0186	15.40	0.2000				3			0
034.52	Selenium, ICP-MS, Open vessel (mg / kg (ppm))	0047	15.56	0.0600				3			0
034.52	Selenium, ICP-MS, Open vessel (mg / kg (ppm))	0910	14.72	2.410				3			1
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	0032	8.260	0.0600	14.43	1.863	0.5916	9	-3.31	21%	0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	2055	11.71	0.1800	14.43	1.863	0.5916	9	-1.46	9%	0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	0164	14.40	0.4000	14.43	1.863	0.5916	9	-0.01	0%	0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	0033	14.50	0.4000	14.43	1.863	0.5916	9	0.04	0%	0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	0553	15.20	0.0000	14.43	1.863	0.5916	9	0.41	3%	0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	0098	15.30	0.2000	14.43	1.863	0.5916	9	0.47	3%	0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	0939	15.40	1.810	14.43	1.863	0.5916	9	0.52	3%	0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	0918	15.72	1.165	14.43	1.863	0.5916	9	0.70	4%	0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	0560	15.98	1.110	14.43	1.863	0.5916	9	0.83	5%	0
035.01	Sodium, Ion-selective electrode (%)	0868	0.4080	0.0080				2			0
035.01	Sodium, Ion-selective electrode (%)	2006	0.4090	0.0020				2			0
035.02	Sodium, Em Spect (%)	0884	0.4150	0.0100				1			0
035.05	Sodium, Flame Emission (%)	0504	0.4450	0.0100	0.4575	0.0156	0.0050	4			0
035.05	Sodium, Flame Emission (%)	2215	0.4500	0.0000	0.4575	0.0156	0.0050	4			0
035.05	Sodium, Flame Emission (%)	0037	0.4550	0.0100	0.4575	0.0156	0.0050	4			0
035.05	Sodium, Flame Emission (%)	0108	0.4800	0.0000	0.4575	0.0156	0.0050	4			0
035.31	Sodium, AAS, Dry ash (%)	0874	0.3720	0.0020	0.4284	0.0407	0.0143	14	-1.38	7%	0
035.31	Sodium, AAS, Dry ash (%)	0536	0.3750	0.0100	0.4284	0.0407	0.0143	14	-1.31	6%	0
035.31	Sodium, AAS, Dry ash (%)	0175	0.3950	0.0300	0.4284	0.0407	0.0143	14	-0.82	4%	0
035.31	Sodium, AAS, Dry ash (%)	0629	0.4050	0.0100	0.4284	0.0407	0.0143	14	-0.58	3%	0
035.31	Sodium, AAS, Dry ash (%)	0656	0.4050	0.0100	0.4284	0.0407	0.0143	14	-0.58	3%	0
035.31	Sodium, AAS, Dry ash (%)	2196	0.4200	0.0000	0.4284	0.0407	0.0143	14	-0.21	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			
035.31	Sodium, AAS, Dry ash (%)	0868	0.4250	0.0300	0.4284	0.0407	0.0143	14	-0.08	0%	0
035.31	Sodium, AAS, Dry ash (%)	2022	0.4270	0.0040	0.4284	0.0407	0.0143	14	-0.04	0%	0
035.31	Sodium, AAS, Dry ash (%)	0142	0.4420	0.0420	0.4284	0.0407	0.0143	14	0.33	2%	0
035.31	Sodium, AAS, Dry ash (%)	0689	0.4450	0.0300	0.4284	0.0407	0.0143	14	0.41	2%	0
035.31	Sodium, AAS, Dry ash (%)	0354	0.4600	0.0000	0.4284	0.0407	0.0143	14	0.77	4%	0
035.31	Sodium, AAS, Dry ash (%)	0948	0.4620	0.0020	0.4284	0.0407	0.0143	14	0.82	4%	0
035.31	Sodium, AAS, Dry ash (%)	2195	0.4800	0.0200	0.4284	0.0407	0.0143	14	1.27	6%	0
035.31	Sodium, AAS, Dry ash (%)	2126	0.4850	0.0100	0.4284	0.0407	0.0143	14	1.39	7%	0
035.31	Sodium, AAS, Dry ash (%)	0683	4.050	0.0200	0.4284	0.0407	0.0143	14	88.89	423%	2
035.32	Sodium, AAS, Open vessel (%)	0169	0.3785	0.0170				2			0
035.32	Sodium, AAS, Open vessel (%)	0609	0.6150	0.0100				2			0
035.41	Sodium, ICP, Dry ash (%)	0720	0.3750	0.0100	0.4354	0.0274	0.0177	24	-2.20	7%	0
035.41	Sodium, ICP, Dry ash (%)	0144	0.4000	0.0200	0.4354	0.0274	0.0177	24	-1.29	4%	0
035.41	Sodium, ICP, Dry ash (%)	0358	0.4100	0.0200	0.4354	0.0274	0.0177	24	-0.92	3%	0
035.41	Sodium, ICP, Dry ash (%)	0520	0.4106	0.0004	0.4354	0.0274	0.0177	24	-0.90	3%	0
035.41	Sodium, ICP, Dry ash (%)	0619	0.4125	0.0090	0.4354	0.0274	0.0177	24	-0.83	3%	0
035.41	Sodium, ICP, Dry ash (%)	0553	0.4135	0.0250	0.4354	0.0274	0.0177	24	-0.80	3%	0
035.41	Sodium, ICP, Dry ash (%)	0019	0.4150	0.0100	0.4354	0.0274	0.0177	24	-0.74	2%	0
035.41	Sodium, ICP, Dry ash (%)	0511	0.4150	0.0100	0.4354	0.0274	0.0177	24	-0.74	2%	0
035.41	Sodium, ICP, Dry ash (%)	0171	0.4250	0.0100	0.4354	0.0274	0.0177	24	-0.38	1%	0
035.41	Sodium, ICP, Dry ash (%)	0407	0.4271	0.0429	0.4354	0.0274	0.0177	24	-0.30	1%	0
035.41	Sodium, ICP, Dry ash (%)	0049	0.4300	0.0200	0.4354	0.0274	0.0177	24	-0.20	1%	0
035.41	Sodium, ICP, Dry ash (%)	0148	0.4300	0.0000	0.4354	0.0274	0.0177	24	-0.20	1%	0
035.41	Sodium, ICP, Dry ash (%)	0229	0.4400	0.0200	0.4354	0.0274	0.0177	24	0.17	1%	0
035.41	Sodium, ICP, Dry ash (%)	0164	0.4425	0.0330	0.4354	0.0274	0.0177	24	0.26	1%	0
035.41	Sodium, ICP, Dry ash (%)	0598	0.4430	0.0144	0.4354	0.0274	0.0177	24	0.28	1%	0
035.41	Sodium, ICP, Dry ash (%)	0910	0.4450	0.0700	0.4354	0.0274	0.0177	24	0.35	1%	0
035.41	Sodium, ICP, Dry ash (%)	0152	0.4450	0.0100	0.4354	0.0274	0.0177	24	0.35	1%	0
035.41	Sodium, ICP, Dry ash (%)	0878	0.4450	0.0100	0.4354	0.0274	0.0177	24	0.35	1%	0
035.41	Sodium, ICP, Dry ash (%)	0098	0.4500	0.0000	0.4354	0.0274	0.0177	24	0.53	2%	0
035.41	Sodium, ICP, Dry ash (%)	0226	0.4600	0.0400	0.4354	0.0274	0.0177	24	0.90	3%	0
035.41	Sodium, ICP, Dry ash (%)	2152	0.4700	0.0200	0.4354	0.0274	0.0177	24	1.26	4%	0
035.41	Sodium, ICP, Dry ash (%)	0653	0.4725	0.0010	0.4354	0.0274	0.0177	24	1.35	4%	0
035.41	Sodium, ICP, Dry ash (%)	0123	0.4850	0.0300	0.4354	0.0274	0.0177	24	1.81	6%	0
035.41	Sodium, ICP, Dry ash (%)	0405	0.5100	0.0000	0.4354	0.0274	0.0177	24	2.72	9%	0
035.42	Sodium, ICP, Open vessel (%)	0035	0.3900	0.0000	0.4317	0.0240	0.0127	18	-1.74	5%	0
035.42	Sodium, ICP, Open vessel (%)	0045	0.3985	0.0270	0.4317	0.0240	0.0127	18	-1.39	4%	0
035.42	Sodium, ICP, Open vessel (%)	0042	0.4130	0.0320	0.4317	0.0240	0.0127	18	-0.78	2%	0
035.42	Sodium, ICP, Open vessel (%)	0205	0.4150	0.0040	0.4317	0.0240	0.0127	18	-0.70	2%	0
035.42	Sodium, ICP, Open vessel (%)	0278	0.4150	0.0100	0.4317	0.0240	0.0127	18	-0.70	2%	0
035.42	Sodium, ICP, Open vessel (%)	0870	0.4157	0.0071	0.4317	0.0240	0.0127	18	-0.67	2%	0
035.42	Sodium, ICP, Open vessel (%)	0294	0.4200	0.0000	0.4317	0.0240	0.0127	18	-0.49	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	
035.42	Sodium, ICP, Open vessel (%)	0693	0.4245	0.0150	0.4317	0.0240	0.0127	18	-0.30	1%	0
035.42	Sodium, ICP, Open vessel (%)	0190	0.4300	0.0400	0.4317	0.0240	0.0127	18	-0.07	0%	0
035.42	Sodium, ICP, Open vessel (%)	0265	0.4350	0.0100	0.4317	0.0240	0.0127	18	0.14	0%	0
035.42	Sodium, ICP, Open vessel (%)	0692	0.4350	0.0100	0.4317	0.0240	0.0127	18	0.14	0%	0
035.42	Sodium, ICP, Open vessel (%)	0560	0.4371	0.0113	0.4317	0.0240	0.0127	18	0.22	1%	0
035.42	Sodium, ICP, Open vessel (%)	0186	0.4465	0.0370	0.4317	0.0240	0.0127	18	0.62	2%	0
035.42	Sodium, ICP, Open vessel (%)	0263	0.4514	0.0112	0.4317	0.0240	0.0127	18	0.82	2%	0
035.42	Sodium, ICP, Open vessel (%)	0187	0.4547	0.0035	0.4317	0.0240	0.0127	18	0.96	3%	0
035.42	Sodium, ICP, Open vessel (%)	0726	0.4591	0.0005	0.4317	0.0240	0.0127	18	1.14	3%	0
035.42	Sodium, ICP, Open vessel (%)	2012	0.4600	0.0000	0.4317	0.0240	0.0127	18	1.18	3%	0
035.42	Sodium, ICP, Open vessel (%)	2053	0.4650	0.0100	0.4317	0.0240	0.0127	18	1.39	4%	0
035.43	Sodium, ICP, Microwave (%)	2192	0.3050	0.0100	0.4256	0.0298	0.0089	18	-4.05	14%	0
035.43	Sodium, ICP, Microwave (%)	0918	0.3790	0.0300	0.4256	0.0298	0.0089	18	-1.56	5%	0
035.43	Sodium, ICP, Microwave (%)	0035	0.3950	0.0100	0.4256	0.0298	0.0089	18	-1.03	4%	0
035.43	Sodium, ICP, Microwave (%)	0510	0.4090	0.0040	0.4256	0.0298	0.0089	18	-0.56	2%	0
035.43	Sodium, ICP, Microwave (%)	0098	0.4150	0.0100	0.4256	0.0298	0.0089	18	-0.35	1%	0
035.43	Sodium, ICP, Microwave (%)	0505	0.4150	0.0100	0.4256	0.0298	0.0089	18	-0.35	1%	0
035.43	Sodium, ICP, Microwave (%)	0345	0.4160	0.0060	0.4256	0.0298	0.0089	18	-0.32	1%	0
035.43	Sodium, ICP, Microwave (%)	0682	0.4200	0.0000	0.4256	0.0298	0.0089	18	-0.19	1%	0
035.43	Sodium, ICP, Microwave (%)	2089	0.4200	0.0000	0.4256	0.0298	0.0089	18	-0.19	1%	0
035.43	Sodium, ICP, Microwave (%)	0425	0.4250	0.0100	0.4256	0.0298	0.0089	18	-0.02	0%	0
035.43	Sodium, ICP, Microwave (%)	0202	0.4270	0.0100	0.4256	0.0298	0.0089	18	0.05	0%	0
035.43	Sodium, ICP, Microwave (%)	0032	0.4300	0.0000	0.4256	0.0298	0.0089	18	0.15	1%	0
035.43	Sodium, ICP, Microwave (%)	0353	0.4350	0.0100	0.4256	0.0298	0.0089	18	0.32	1%	0
035.43	Sodium, ICP, Microwave (%)	0861	0.4360	0.0000	0.4256	0.0298	0.0089	18	0.35	1%	0
035.43	Sodium, ICP, Microwave (%)	0083	0.4600	0.0200	0.4256	0.0298	0.0089	18	1.16	4%	0
035.43	Sodium, ICP, Microwave (%)	0610	0.4600	0.0200	0.4256	0.0298	0.0089	18	1.16	4%	0
035.43	Sodium, ICP, Microwave (%)	0675	0.4650	0.0100	0.4256	0.0298	0.0089	18	1.33	5%	0
035.43	Sodium, ICP, Microwave (%)	0089	0.4800	0.0000	0.4256	0.0298	0.0089	18	1.83	6%	0
035.52	Sodium, ICP-MS, Open vessel (%)	0186	0.4600	0.0120				2			0
035.52	Sodium, ICP-MS, Open vessel (%)	0154	0.4860	0.0257				2			0
035.53	Sodium, ICP-MS, Microwave (%)	2055	0.4312	0.0233				3			0
035.53	Sodium, ICP-MS, Microwave (%)	0553	0.4385	0.0090				3			0
035.53	Sodium, ICP-MS, Microwave (%)	0572	0.4420	0.0200				3			0
035.99	Sodium, Miscellaneous (%)	0300	0.4050	0.0300	0.4320	0.0256	0.0144	5			0
035.99	Sodium, Miscellaneous (%)	2129	0.4050	0.0020	0.4320	0.0256	0.0144	5			0
035.99	Sodium, Miscellaneous (%)	0100	0.4400	0.0200	0.4320	0.0256	0.0144	5			0
035.99	Sodium, Miscellaneous (%)	0242	0.4500	0.0000	0.4320	0.0256	0.0144	5			0
035.99	Sodium, Miscellaneous (%)	0590	0.4600	0.0200	0.4320	0.0256	0.0144	5			0
036.04	Sulfur, LECO (%)	0229	0.7950	0.0300				3			0
036.04	Sulfur, LECO (%)	0148	0.9376	0.0104				3			0
036.04	Sulfur, LECO (%)	0226	1.070	0.0200				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	
036.42	Sulfur, ICP, Open vessel (%)	2129	0.8060	0.0280	0.9057	0.0768	0.0219	17	-1.30	6%	0
036.42	Sulfur, ICP, Open vessel (%)	0045	0.8125	0.0530	0.9057	0.0768	0.0219	17	-1.21	5%	0
036.42	Sulfur, ICP, Open vessel (%)	0357	0.8186	0.0243	0.9057	0.0768	0.0219	17	-1.13	5%	0
036.42	Sulfur, ICP, Open vessel (%)	0278	0.8300	0.0400	0.9057	0.0768	0.0219	17	-0.99	4%	0
036.42	Sulfur, ICP, Open vessel (%)	0870	0.8518	0.0357	0.9057	0.0768	0.0219	17	-0.70	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0186	0.8555	0.0650	0.9057	0.0768	0.0219	17	-0.65	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0229	0.8950	0.0100	0.9057	0.0768	0.0219	17	-0.14	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0187	0.9025	0.0040	0.9057	0.0768	0.0219	17	-0.04	0%	0
036.42	Sulfur, ICP, Open vessel (%)	0693	0.9180	0.0240	0.9057	0.0768	0.0219	17	0.16	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0560	0.9203	0.0052	0.9057	0.0768	0.0219	17	0.19	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0171	0.9320	0.0060	0.9057	0.0768	0.0219	17	0.34	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0407	0.9351	0.0163	0.9057	0.0768	0.0219	17	0.38	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0692	0.9500	0.0000	0.9057	0.0768	0.0219	17	0.58	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0035	0.9600	0.0600	0.9057	0.0768	0.0219	17	0.71	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0037	0.9900	0.0000	0.9057	0.0768	0.0219	17	1.10	5%	0
036.42	Sulfur, ICP, Open vessel (%)	0294	1.000	0.0000	0.9057	0.0768	0.0219	17	1.23	5%	0
036.42	Sulfur, ICP, Open vessel (%)	0265	1.020	0.0000	0.9057	0.0768	0.0219	17	1.49	6%	0
036.43	Sulfur, ICP, Microwave (%)	0169	0.7250	0.0300	0.9192	0.1134	0.0345	11	-1.71	11%	0
036.43	Sulfur, ICP, Microwave (%)	0098	0.8287	0.0328	0.9192	0.1134	0.0345	11	-0.80	5%	0
036.43	Sulfur, ICP, Microwave (%)	0035	0.8350	0.0700	0.9192	0.1134	0.0345	11	-0.74	5%	0
036.43	Sulfur, ICP, Microwave (%)	0345	0.8465	0.0130	0.9192	0.1134	0.0345	11	-0.64	4%	0
036.43	Sulfur, ICP, Microwave (%)	0918	0.8565	0.0530	0.9192	0.1134	0.0345	11	-0.55	3%	0
036.43	Sulfur, ICP, Microwave (%)	0202	0.9255	0.0210	0.9192	0.1134	0.0345	11	0.06	0%	0
036.43	Sulfur, ICP, Microwave (%)	0353	0.9900	0.0400	0.9192	0.1134	0.0345	11	0.62	4%	0
036.43	Sulfur, ICP, Microwave (%)	0032	1.010	0.0000	0.9192	0.1134	0.0345	11	0.80	5%	0
036.43	Sulfur, ICP, Microwave (%)	0083	1.010	0.0400	0.9192	0.1134	0.0345	11	0.80	5%	0
036.43	Sulfur, ICP, Microwave (%)	2089	1.015	0.0700	0.9192	0.1134	0.0345	11	0.84	5%	0
036.43	Sulfur, ICP, Microwave (%)	0510	1.045	0.0100	0.9192	0.1134	0.0345	11	1.11	7%	0
036.52	Sulfur, ICP-MS, Open vessel (%)	0186	0.9470	0.0260				2			0
036.52	Sulfur, ICP-MS, Open vessel (%)	0910	7,599	151.0				2			0
036.53	Sulfur, ICP-MS, Microwave (%)	0553	0.9395	0.0750				1			0
036.99	Sulfur, Miscellaneous (%)	0553	0.5495	0.0670				2			0
036.99	Sulfur, Miscellaneous (%)	0242	0.9250	0.0100				2			0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0689	3,292	126.3	3,865	196.0	66.01	14	-2.93	7%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0536	3,661	57.50	3,865	196.0	66.01	14	-1.05	3%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	2062	3,692	3.800	3,865	196.0	66.01	14	-0.88	2%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0001	3,693	257.0	3,865	196.0	66.01	14	-0.88	2%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	2022	3,741	0.3220	3,865	196.0	66.01	14	-0.64	2%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	2196	3,873	0.0000	3,865	196.0	66.01	14	0.04	0%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	2188	3,885	98.41	3,865	196.0	66.01	14	0.10	0%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0723	3,912	0.0000	3,865	196.0	66.01	14	0.24	1%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0868	3,920	76.90	3,865	196.0	66.01	14	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	
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0656	3,927	10.64	3,865	196.0	66.01	14	0.31	1%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0175	3,950	100.0	3,865	196.0	66.01	14	0.43	1%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	2195	4,054	15.47	3,865	196.0	66.01	14	0.96	2%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0874	4,080	160.0	3,865	196.0	66.01	14	1.09	3%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0354	4,164	17.81	3,865	196.0	66.01	14	1.52	4%	0
037.32	Zinc, AAS, Open vessel (mg / kg (ppm))	2128	3,497	148.6				1			0
037.33	Zinc, AAS, Microwave (mg / kg (ppm))	0010	3,770	40.00				3			0
037.33	Zinc, AAS, Microwave (mg / kg (ppm))	0948	3,996	73.38				3			0
037.33	Zinc, AAS, Microwave (mg / kg (ppm))	2178	4,180	34.00				3			0
037.34	Zinc, AAS, Dry ash (mg / kg (ppm))	2144	3,860	26.72				1			0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0405	3,122	0.0000	3,835	313.5	93.87	23	-2.27	9%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0619	3,219	24.00	3,835	313.5	93.87	23	-1.97	8%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0598	3,461	19.00	3,835	313.5	93.87	23	-1.19	5%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0049	3,501	116.7	3,835	313.5	93.87	23	-1.06	4%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0553	3,588	148.0	3,835	313.5	93.87	23	-0.79	3%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0511	3,617	23.00	3,835	313.5	93.87	23	-0.70	3%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0098	3,690	115.0	3,835	313.5	93.87	23	-0.46	2%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0520	3,707	170.0	3,835	313.5	93.87	23	-0.41	2%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0653	3,751	38.00	3,835	313.5	93.87	23	-0.27	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0019	3,807	144.0	3,835	313.5	93.87	23	-0.09	0%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0407	3,809	127.2	3,835	313.5	93.87	23	-0.08	0%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0148	3,844	86.22	3,835	313.5	93.87	23	0.03	0%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0074	3,849	25.00	3,835	313.5	93.87	23	0.04	0%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0910	3,877	326.0	3,835	313.5	93.87	23	0.13	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0003	3,920	292.0	3,835	313.5	93.87	23	0.27	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0848	3,958	8.930	3,835	313.5	93.87	23	0.39	2%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0229	3,987	23.00	3,835	313.5	93.87	23	0.48	2%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0226	4,088	64.00	3,835	313.5	93.87	23	0.81	3%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	2145	4,107	12.70	3,835	313.5	93.87	23	0.87	4%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0878	4,120	30.00	3,835	313.5	93.87	23	0.91	4%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0720	4,187	193.3	3,835	313.5	93.87	23	1.12	5%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0171	4,351	39.00	3,835	313.5	93.87	23	1.64	7%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0358	4,428	134.0	3,835	313.5	93.87	23	1.89	8%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0726	4,011	0.0210	3,574	347.3	130.5	18	-10.28	50%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0265	2,530	460.0	3,574	347.3	130.5	18	-3.01	15%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0045	3,030	20.00	3,574	347.3	130.5	18	-1.57	8%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0187	3,235	4.080	3,574	347.3	130.5	18	-0.97	5%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0190	3,436	8.000	3,574	347.3	130.5	18	-0.40	2%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0186	3,463	98.00	3,574	347.3	130.5	18	-0.32	2%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0037	3,512	136.0	3,574	347.3	130.5	18	-0.18	1%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0263	3,618	45.98	3,574	347.3	130.5	18	0.13	1%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0357	3,628	28.48	3,574	347.3	130.5	18	0.16	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			
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0294	3,682	6.500	3,574	347.3	130.5	18	0.31	2%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0009	3,713	303.0	3,574	347.3	130.5	18	0.40	2%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0042	3,713	303.0	3,574	347.3	130.5	18	0.40	2%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0560	3,743	32.60	3,574	347.3	130.5	18	0.49	2%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0693	3,760	161.7	3,574	347.3	130.5	18	0.54	3%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0278	3,835	67.70	3,574	347.3	130.5	18	0.75	4%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0870	3,838	209.0	3,574	347.3	130.5	18	0.76	4%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0035	3,904	104.0	3,574	347.3	130.5	18	0.95	5%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	2012	4,088	360.8	3,574	347.3	130.5	18	1.48	7%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0692	5,055	2,030	3,574	347.3	130.5	18	4.27	21%	1
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0202	0.3845	0.0010	3,702	495.5	67.53	23	-7.47	50%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0006	0.3955	0.0030	3,702	495.5	67.53	23	-7.47	50%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0345	2,760	40.00	3,702	495.5	67.53	23	-1.90	13%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0169	2,970	80.00	3,702	495.5	67.53	23	-1.48	10%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	2192	3,231	337.2	3,702	495.5	67.53	23	-0.95	6%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0610	3,609	35.00	3,702	495.5	67.53	23	-0.19	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0032	3,650	40.00	3,702	495.5	67.53	23	-0.11	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0505	3,654	29.00	3,702	495.5	67.53	23	-0.10	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0098	3,661	64.00	3,702	495.5	67.53	23	-0.08	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0027	3,693	50.60	3,702	495.5	67.53	23	-0.02	0%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0964	3,725	72.98	3,702	495.5	67.53	23	0.05	0%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0035	3,767	213.0	3,702	495.5	67.53	23	0.13	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0510	3,784	8.000	3,702	495.5	67.53	23	0.16	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0033	3,795	110.0	3,702	495.5	67.53	23	0.19	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0682	3,801	0.0000	3,702	495.5	67.53	23	0.20	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0861	3,840	120.0	3,702	495.5	67.53	23	0.28	2%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	2089	3,841	95.18	3,702	495.5	67.53	23	0.28	2%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0083	3,951	107.0	3,702	495.5	67.53	23	0.50	3%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0425	4,061	42.50	3,702	495.5	67.53	23	0.72	5%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0028	4,240	72.17	3,702	495.5	67.53	23	1.08	7%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0968	4,249	6.000	3,702	495.5	67.53	23	1.10	7%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0353	4,312	18.00	3,702	495.5	67.53	23	1.23	8%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0675	5,177	12.68	3,702	495.5	67.53	23	2.98	20%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0918	4,049	416.6	3,702	495.5	67.53	23	0.70	5%	1
037.44	Zinc, ICP, Dry ash (mg / kg (ppm))	0164	3,555	30.00				1			0
037.51	Zinc, ICP-MS, Dry ash (mg / kg (ppm))	2146	4,157	27.00				1			0
037.52	Zinc, ICP-MS, Open vessel (mg / kg (ppm))	0047	2,806	55.00				3			0
037.52	Zinc, ICP-MS, Open vessel (mg / kg (ppm))	0016	3,815	30.00				3			0
037.52	Zinc, ICP-MS, Open vessel (mg / kg (ppm))	0186	3,990	40.00				3			0
037.53	Zinc, ICP-MS, Microwave (mg / kg (ppm))	2055	3,381	255.0	3,782	282.0	231.8	4			0
037.53	Zinc, ICP-MS, Microwave (mg / kg (ppm))	0572	3,795	290.0	3,782	282.0	231.8	4			0
037.53	Zinc, ICP-MS, Microwave (mg / kg (ppm))	0939	3,941	42.00	3,782	282.0	231.8	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			
037.53	Zinc, ICP-MS, Microwave (mg / kg (ppm))	0553	4,010	340.0	3,782	282.0	231.8	4			0
037.99	Zinc, Miscellaneous (mg / kg (ppm))	0242	3,664	208.0	4,056	357.9	300.8	4			0
037.99	Zinc, Miscellaneous (mg / kg (ppm))	0590	3,918	11.00	4,056	357.9	300.8	4			0
037.99	Zinc, Miscellaneous (mg / kg (ppm))	2129	4,133	695.0	4,056	357.9	300.8	4			0
037.99	Zinc, Miscellaneous (mg / kg (ppm))	0100	4,510	289.0	4,056	357.9	300.8	4			0
038.41	Molybdenum, ICP, Dry ash (mg / kg (ppm))	0226	4.505	0.4500				2			0
038.41	Molybdenum, ICP, Dry ash (mg / kg (ppm))	0148	5.724	0.0530				2			0
038.42	Molybdenum, ICP, Open vessel (mg / kg (ppm))	0560	4.765	0.1500	5.453	0.7502	0.3838	6	-0.92	6%	0
038.42	Molybdenum, ICP, Open vessel (mg / kg (ppm))	0265	4.935	0.2900	5.453	0.7502	0.3838	6	-0.69	5%	0
038.42	Molybdenum, ICP, Open vessel (mg / kg (ppm))	0278	5.135	0.2700	5.453	0.7502	0.3838	6	-0.42	3%	0
038.42	Molybdenum, ICP, Open vessel (mg / kg (ppm))	0693	5.356	0.2430	5.453	0.7502	0.3838	6	-0.13	1%	0
038.42	Molybdenum, ICP, Open vessel (mg / kg (ppm))	0045	6.150	0.9000	5.453	0.7502	0.3838	6	0.93	6%	0
038.42	Molybdenum, ICP, Open vessel (mg / kg (ppm))	2053	6.375	0.4500	5.453	0.7502	0.3838	6	1.23	8%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0169	4.295	0.0100	5.402	1.259	0.0950	6	-0.88	10%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0345	4.445	0.0900	5.402	1.259	0.0950	6	-0.76	9%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0353	4.610	0.0501	5.402	1.259	0.0950	6	-0.63	7%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0510	5.800	0.0000	5.402	1.259	0.0950	6	0.32	4%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0083	6.300	0.2000	5.402	1.259	0.0950	6	0.71	8%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0032	6.960	0.2200	5.402	1.259	0.0950	6	1.24	14%	0
038.52	Molybdenum, ICP-MS, Open vessel (mg / kg (ppm))	0910	5.265	0.2500				2			0
038.52	Molybdenum, ICP-MS, Open vessel (mg / kg (ppm))	0186	6.000	0.0000				2			0
038.53	Molybdenum, ICP-MS, Microwave (mg / kg (ppm))	2055	4.900	0.2800	5.610	0.5114	0.1622	4			0
038.53	Molybdenum, ICP-MS, Microwave (mg / kg (ppm))	0918	5.695	0.0586	5.610	0.5114	0.1622	4			0
038.53	Molybdenum, ICP-MS, Microwave (mg / kg (ppm))	0164	5.725	0.2100	5.610	0.5114	0.1622	4			0
038.53	Molybdenum, ICP-MS, Microwave (mg / kg (ppm))	0553	6.120	0.1000	5.610	0.5114	0.1622	4			0
038.53	Molybdenum, ICP-MS, Microwave (mg / kg (ppm))	0098	5.081	1.703	5.610	0.5114	0.1622	4			1
040.42	Barium, ICP, Open vessel (mg / kg (ppm))	0560	38.00	0.4000				1			0
040.53	Barium, ICP-MS, Microwave (mg / kg (ppm))	0918	34.98	0.5849				1			0
041.53	Vanadium, ICP-MS, Microwave (mg / kg (ppm))	0553	12.00	0.6000				1			0
042.00	Chloride, Titrimetric (%)	0948	1.200	0.0200				1			0
099.01	Menadione (form), LC (mg / kg (ppm))	2192	26.30	1.200				1			0
101.99	Choline Chloride, Miscellaneous (mg / kg (ppm))	0939	4,173	21.00				2			0
101.99	Choline Chloride, Miscellaneous (mg / kg (ppm))	0160	4,665	250.0				2			0
102.01	Niacin, Microbiological (mg / kg (ppm))	0227	1,965	10.00				1			0
102.02	Niacin, LC (mg / kg (ppm))	2022	198.5	21.00				2			0
102.02	Niacin, LC (mg / kg (ppm))	0939	2,096	70.00				2			0
102.99	Niacin, Miscellaneous (mg / kg (ppm))	2146	1,860	20.00				3			0
102.99	Niacin, Miscellaneous (mg / kg (ppm))	0010	2,350	180.0				3			0
102.99	Niacin, Miscellaneous (mg / kg (ppm))	0904	2,367	113.5				3			0
103.02	Pantothenic Acid, LC (mg / kg (ppm))	0939	203.3	1.700				2			0
103.02	Pantothenic Acid, LC (mg / kg (ppm))	2103	252.5	5.000				2			0
103.99	Pantothenic Acid, Miscellaneous (mg / kg (ppm))	0010	363.5	39.60				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			
103.99	Pantothenic Acid, Miscellaneous (mg / kg (ppm))	2146	402.2	4.900				2			0
104.00	Riboflavin, Fluorometric (mg / kg (ppm))	0227	801.5	29.00				2			0
104.00	Riboflavin, Fluorometric (mg / kg (ppm))	0171	861.0	28.00				2			0
104.03	Riboflavin, LC (mg / kg (ppm))	0910	603.3	76.73	805.3	68.45	32.47	6	-2.95	13%	0
104.03	Riboflavin, LC (mg / kg (ppm))	2103	787.5	25.00	805.3	68.45	32.47	6	-0.26	1%	0
104.03	Riboflavin, LC (mg / kg (ppm))	0939	799.0	5.170	805.3	68.45	32.47	6	-0.09	0%	0
104.03	Riboflavin, LC (mg / kg (ppm))	0848	826.0	42.00	805.3	68.45	32.47	6	0.30	1%	0
104.03	Riboflavin, LC (mg / kg (ppm))	2022	833.0	44.00	805.3	68.45	32.47	6	0.41	2%	0
104.03	Riboflavin, LC (mg / kg (ppm))	2152	883.5	1.940	805.3	68.45	32.47	6	1.14	5%	0
104.99	Riboflavin, Miscellaneous (mg / kg (ppm))	0904	863.9	52.17				3			0
104.99	Riboflavin, Miscellaneous (mg / kg (ppm))	2146	920.3	1.900				3			0
104.99	Riboflavin, Miscellaneous (mg / kg (ppm))	0010	921.5	197.0				3			0
105.00	Thiamine, LC (mg / kg (ppm))	2103	277.0	36.00	339.5	57.08	34.75	5			0
105.00	Thiamine, LC (mg / kg (ppm))	0939	277.1	3.590	339.5	57.08	34.75	5			0
105.00	Thiamine, LC (mg / kg (ppm))	2053	377.5	37.00	339.5	57.08	34.75	5			0
105.00	Thiamine, LC (mg / kg (ppm))	2022	380.5	9.000	339.5	57.08	34.75	5			0
105.00	Thiamine, LC (mg / kg (ppm))	0910	385.4	88.16	339.5	57.08	34.75	5			0
105.01	Thiamine, Fluorometer (mg / kg (ppm))	0227	307.0	44.00				2			0
105.01	Thiamine, Fluorometer (mg / kg (ppm))	0160	309.0	46.00				2			0
105.99	Thiamine, Miscellaneous (mg / kg (ppm))	2146	312.6	4.900				2			0
105.99	Thiamine, Miscellaneous (mg / kg (ppm))	0904	364.2	20.80				2			0
106.00	Vitamin A, Color (KU / kg)	0171	98.75	0.5000				2			0
106.00	Vitamin A, Color (KU / kg)	0019	331.3	0.8010				2			0
106.01	Vitamin A, UV (KU / kg)	0098	75.90	10.20				1			0
106.02	Vitamin A, LC (KU / kg)	0905	63.75	12.24	78.55	10.34	5.401	17	-1.43	9%	0
106.02	Vitamin A, LC (KU / kg)	2195	64.10	0.0000	78.55	10.34	5.401	17	-1.40	9%	0
106.02	Vitamin A, LC (KU / kg)	2022	66.50	9.000	78.55	10.34	5.401	17	-1.17	8%	0
106.02	Vitamin A, LC (KU / kg)	0610	67.90	5.400	78.55	10.34	5.401	17	-1.03	7%	0
106.02	Vitamin A, LC (KU / kg)	0689	75.45	1.700	78.55	10.34	5.401	17	-0.30	2%	0
106.02	Vitamin A, LC (KU / kg)	0227	76.05	6.500	78.55	10.34	5.401	17	-0.24	2%	0
106.02	Vitamin A, LC (KU / kg)	0035	76.82	0.0100	78.55	10.34	5.401	17	-0.17	1%	0
106.02	Vitamin A, LC (KU / kg)	0910	77.60	2.600	78.55	10.34	5.401	17	-0.09	1%	0
106.02	Vitamin A, LC (KU / kg)	2053	77.60	5.000	78.55	10.34	5.401	17	-0.09	1%	0
106.02	Vitamin A, LC (KU / kg)	2103	79.25	5.010	78.55	10.34	5.401	17	0.07	0%	0
106.02	Vitamin A, LC (KU / kg)	0861	81.10	1.295	78.55	10.34	5.401	17	0.25	2%	0
106.02	Vitamin A, LC (KU / kg)	0148	83.51	8.910	78.55	10.34	5.401	17	0.48	3%	0
106.02	Vitamin A, LC (KU / kg)	2192	85.94	4.779	78.55	10.34	5.401	17	0.71	5%	0
106.02	Vitamin A, LC (KU / kg)	0875	88.73	1.280	78.55	10.34	5.401	17	0.98	6%	0
106.02	Vitamin A, LC (KU / kg)	0676	88.77	2.800	78.55	10.34	5.401	17	0.99	7%	0
106.02	Vitamin A, LC (KU / kg)	0010	88.85	20.30	78.55	10.34	5.401	17	1.00	7%	0
106.02	Vitamin A, LC (KU / kg)	0004	93.50	5.000	78.55	10.34	5.401	17	1.45	10%	0
106.02	Vitamin A, LC (KU / kg)	0675	407.6	2.680	78.55	10.34	5.401	17	31.81	209%	2

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
106.99	Vitamin A, Miscellaneous (KU / kg)	0904	76.28	5.830				1			0
107.00	Vitamin B12, Microbiological (µg / kg (ppb))	0227	1,070	0.0000				1			0
108.02	Vitamin D3, LC (KU / kg)	0610	8.650	1.300	28.81	17.29	0.7200	7	-1.17	35%	0
108.02	Vitamin D3, LC (KU / kg)	0861	18.54	1.480	28.81	17.29	0.7200	7	-0.59	18%	0
108.02	Vitamin D3, LC (KU / kg)	2192	24.25	0.4200	28.81	17.29	0.7200	7	-0.26	8%	0
108.02	Vitamin D3, LC (KU / kg)	0910	25.40	0.6700	28.81	17.29	0.7200	7	-0.20	6%	0
108.02	Vitamin D3, LC (KU / kg)	0227	27.95	0.7000	28.81	17.29	0.7200	7	-0.05	1%	0
108.02	Vitamin D3, LC (KU / kg)	0675	42.13	0.4700	28.81	17.29	0.7200	7	0.77	23%	0
108.02	Vitamin D3, LC (KU / kg)	2195	387.8	0.0000	28.81	17.29	0.7200	7	20.76	623%	0
109.02	Vitamin E, LC (IU / kg)	0905	1,192	226.0	1,623	342.0	81.96	15	-1.26	13%	0
109.02	Vitamin E, LC (IU / kg)	0148	1,239	319.5	1,623	342.0	81.96	15	-1.12	12%	0
109.02	Vitamin E, LC (IU / kg)	0875	1,270	57.12	1,623	342.0	81.96	15	-1.03	11%	0
109.02	Vitamin E, LC (IU / kg)	0610	1,380	40.00	1,623	342.0	81.96	15	-0.71	7%	0
109.02	Vitamin E, LC (IU / kg)	2195	1,393	0.0000	1,623	342.0	81.96	15	-0.67	7%	0
109.02	Vitamin E, LC (IU / kg)	0861	1,580	40.00	1,623	342.0	81.96	15	-0.13	1%	0
109.02	Vitamin E, LC (IU / kg)	2103	1,607	10.00	1,623	342.0	81.96	15	-0.05	1%	0
109.02	Vitamin E, LC (IU / kg)	0910	1,626	63.10	1,623	342.0	81.96	15	0.01	0%	0
109.02	Vitamin E, LC (IU / kg)	0675	1,648	16.66	1,623	342.0	81.96	15	0.07	1%	0
109.02	Vitamin E, LC (IU / kg)	2053	1,648	98.00	1,623	342.0	81.96	15	0.07	1%	0
109.02	Vitamin E, LC (IU / kg)	0098	1,740	20.00	1,623	342.0	81.96	15	0.34	4%	0
109.02	Vitamin E, LC (IU / kg)	0227	1,755	270.0	1,623	342.0	81.96	15	0.38	4%	0
109.02	Vitamin E, LC (IU / kg)	2022	2,000	0.0000	1,623	342.0	81.96	15	1.10	12%	0
109.02	Vitamin E, LC (IU / kg)	0676	2,174	49.00	1,623	342.0	81.96	15	1.61	17%	0
109.02	Vitamin E, LC (IU / kg)	2192	2,355	20.00	1,623	342.0	81.96	15	2.14	23%	0
109.99	Vitamin E, Miscellaneous (IU / kg)	0171	1,500	0.0000				2			0
109.99	Vitamin E, Miscellaneous (IU / kg)	0904	1,952	6.260				2			0
112.01	Pyridoxine, LC (µg / g)	2022	247.0	40.00	259.6	9.108	13.67	5			0
112.01	Pyridoxine, LC (µg / g)	2103	254.5	1.000	259.6	9.108	13.67	5			0
112.01	Pyridoxine, LC (µg / g)	2152	260.6	0.6400	259.6	9.108	13.67	5			0
112.01	Pyridoxine, LC (µg / g)	0939	265.8	12.70	259.6	9.108	13.67	5			0
112.01	Pyridoxine, LC (µg / g)	0227	270.0	14.00	259.6	9.108	13.67	5			0
112.99	Pyridoxine, Miscellaneous (µg / g)	2146	220.5	7.400				3			0
112.99	Pyridoxine, Miscellaneous (µg / g)	0904	232.4	16.55				3			0
112.99	Pyridoxine, Miscellaneous (µg / g)	0010	238.0	42.00				3			0
113.01	Folic Acid, Micro (mg / kg (ppm))	0227	26.20	2.200				1			0
113.02	Folic acid, LC (mg / kg (ppm))	2022	157.0	4.000				1			0
113.99	Folic acid, Miscellaneous (mg / kg (ppm))	2146	18.45	0.3100				1			0
114.01	Biotin, Microbiological (mg / kg (ppm))	0227	0.7720	0.0680				1			0
118.99	Peroxide value, Miscellaneous (meq/kg)	2081	2.105	1.090				1			0
120.00	Alanine, Post-col Ninhydrin Der (%)	0859	0.5300	0.0120	0.6127	0.0363	0.0071	20	-2.28	7%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0870	0.5357	0.0178	0.6127	0.0363	0.0071	20	-2.12	6%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0354	0.5590	0.0060	0.6127	0.0363	0.0071	20	-1.48	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	
120.00	Alanine, Post-col Ninhydrin Der (%)	0910	0.5650	0.0100	0.6127	0.0363	0.0071	20	-1.31	4%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0868	0.6030	0.0040	0.6127	0.0363	0.0071	20	-0.27	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0968	0.6030	0.0100	0.6127	0.0363	0.0071	20	-0.27	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0878	0.6060	0.0080	0.6127	0.0363	0.0071	20	-0.18	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0918	0.6063	0.0034	0.6127	0.0363	0.0071	20	-0.18	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0675	0.6100	0.0200	0.6127	0.0363	0.0071	20	-0.07	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0644	0.6110	0.0040	0.6127	0.0363	0.0071	20	-0.05	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0504	0.6200	0.0000	0.6127	0.0363	0.0071	20	0.20	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0571	0.6225	0.0030	0.6127	0.0363	0.0071	20	0.27	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0227	0.6250	0.0100	0.6127	0.0363	0.0071	20	0.34	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	2059	0.6270	0.0020	0.6127	0.0363	0.0071	20	0.40	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0872	0.6275	0.0050	0.6127	0.0363	0.0071	20	0.41	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0353	0.6400	0.0000	0.6127	0.0363	0.0071	20	0.75	2%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0619	0.6445	0.0110	0.6127	0.0363	0.0071	20	0.88	3%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0171	0.6515	0.0130	0.6127	0.0363	0.0071	20	1.07	3%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0226	0.6546	0.0027	0.6127	0.0363	0.0071	20	1.15	3%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0682	0.6610	0.0000	0.6127	0.0363	0.0071	20	1.33	4%	0
120.02	Alanine, Post-col OPA Der (%)	0098	0.6300	0.0060				1			0
120.05	Alanine, Pre-col AQC Der (%)	2196	0.5260	0.0000	0.6070	0.0555	0.0074	8	-1.46	7%	0
120.05	Alanine, Pre-col AQC Der (%)	0407	0.5755	0.0110	0.6070	0.0555	0.0074	8	-0.57	3%	0
120.05	Alanine, Pre-col AQC Der (%)	0148	0.5850	0.0100	0.6070	0.0555	0.0074	8	-0.40	2%	0
120.05	Alanine, Pre-col AQC Der (%)	0610	0.6100	0.0000	0.6070	0.0555	0.0074	8	0.05	0%	0
120.05	Alanine, Pre-col AQC Der (%)	0676	0.6100	0.0200	0.6070	0.0555	0.0074	8	0.05	0%	0
120.05	Alanine, Pre-col AQC Der (%)	2195	0.6100	0.0000	0.6070	0.0555	0.0074	8	0.05	0%	0
120.05	Alanine, Pre-col AQC Der (%)	0626	0.6490	0.0080	0.6070	0.0555	0.0074	8	0.76	3%	0
120.05	Alanine, Pre-col AQC Der (%)	2188	0.7350	0.0100	0.6070	0.0555	0.0074	8	2.31	11%	0
120.05	Alanine, Pre-col AQC Der (%)	0853	0.7000	0.1000	0.6070	0.0555	0.0074	8	1.68	8%	1
121.00	Arginine, Post-col Ninhydrin Der (%)	0859	0.6025	0.0082	0.7216	0.0334	0.0111	20	-3.56	8%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0870	0.6459	0.0028	0.7216	0.0334	0.0111	20	-2.26	5%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0354	0.6930	0.0000	0.7216	0.0334	0.0111	20	-0.85	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0226	0.6947	0.0430	0.7216	0.0334	0.0111	20	-0.80	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0353	0.7000	0.0200	0.7216	0.0334	0.0111	20	-0.65	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0171	0.7010	0.0240	0.7216	0.0334	0.0111	20	-0.62	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0968	0.7095	0.0010	0.7216	0.0334	0.0111	20	-0.36	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0675	0.7100	0.0200	0.7216	0.0334	0.0111	20	-0.35	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0918	0.7130	0.0034	0.7216	0.0334	0.0111	20	-0.26	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0504	0.7150	0.0100	0.7216	0.0334	0.0111	20	-0.20	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0227	0.7200	0.0200	0.7216	0.0334	0.0111	20	-0.05	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0682	0.7200	0.0000	0.7216	0.0334	0.0111	20	-0.05	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0878	0.7225	0.0090	0.7216	0.0334	0.0111	20	0.03	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0910	0.7450	0.0100	0.7216	0.0334	0.0111	20	0.70	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0571	0.7490	0.0060	0.7216	0.0334	0.0111	20	0.82	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
121.00	Arginine, Post-col Ninhydrin Der (%)	0872	0.7510	0.0100	0.7216	0.0334	0.0111	20	0.88	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	2059	0.7520	0.0020	0.7216	0.0334	0.0111	20	0.91	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0644	0.7580	0.0080	0.7216	0.0334	0.0111	20	1.09	3%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0868	0.7630	0.0140	0.7216	0.0334	0.0111	20	1.24	3%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0619	0.9940	0.0100	0.7216	0.0334	0.0111	20	8.15	19%	0
121.02	Arginine, Post-col OPA Der (%)	0098	0.7215	0.0030				1			0
121.05	Arginine, Pre-col AQC Der (%)	0626	0.5965	0.0070	0.7553	0.0596	0.0222	9	-2.66	11%	0
121.05	Arginine, Pre-col AQC Der (%)	0407	0.6945	0.0130	0.7553	0.0596	0.0222	9	-1.02	4%	0
121.05	Arginine, Pre-col AQC Der (%)	0853	0.7300	0.0600	0.7553	0.0596	0.0222	9	-0.42	2%	0
121.05	Arginine, Pre-col AQC Der (%)	0148	0.7500	0.0400	0.7553	0.0596	0.0222	9	-0.09	0%	0
121.05	Arginine, Pre-col AQC Der (%)	0610	0.7550	0.0100	0.7553	0.0596	0.0222	9	0.00	0%	0
121.05	Arginine, Pre-col AQC Der (%)	2196	0.7770	0.0000	0.7553	0.0596	0.0222	9	0.36	1%	0
121.05	Arginine, Pre-col AQC Der (%)	0676	0.7900	0.0400	0.7553	0.0596	0.0222	9	0.58	2%	0
121.05	Arginine, Pre-col AQC Der (%)	2188	0.8050	0.0300	0.7553	0.0596	0.0222	9	0.83	3%	0
121.05	Arginine, Pre-col AQC Der (%)	2195	0.8300	0.0000	0.7553	0.0596	0.0222	9	1.25	5%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0859	0.9533	0.0262	1.162	0.0344	0.0121	20	-6.08	9%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0870	1.113	0.0193	1.162	0.0344	0.0121	20	-1.44	2%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0504	1.120	0.0000	1.162	0.0344	0.0121	20	-1.23	2%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0682	1.143	0.0000	1.162	0.0344	0.0121	20	-0.56	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0872	1.145	0.0000	1.162	0.0344	0.0121	20	-0.50	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0968	1.148	0.0100	1.162	0.0344	0.0121	20	-0.41	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0644	1.149	0.0310	1.162	0.0344	0.0121	20	-0.40	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0675	1.150	0.0200	1.162	0.0344	0.0121	20	-0.36	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0227	1.155	0.0100	1.162	0.0344	0.0121	20	-0.21	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0910	1.155	0.0300	1.162	0.0344	0.0121	20	-0.21	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0354	1.156	0.0210	1.162	0.0344	0.0121	20	-0.20	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0878	1.165	0.0060	1.162	0.0344	0.0121	20	0.08	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	2059	1.171	0.0010	1.162	0.0344	0.0121	20	0.24	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0868	1.173	0.0060	1.162	0.0344	0.0121	20	0.31	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0571	1.178	0.0090	1.162	0.0344	0.0121	20	0.44	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0918	1.188	0.0157	1.162	0.0344	0.0121	20	0.75	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0171	1.200	0.0110	1.162	0.0344	0.0121	20	1.08	2%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0353	1.200	0.0000	1.162	0.0344	0.0121	20	1.10	2%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0226	1.234	0.0159	1.162	0.0344	0.0121	20	2.09	3%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0619	1.245	0.0100	1.162	0.0344	0.0121	20	2.41	4%	0
122.02	Aspartic, Post-col OPA Der (%)	0098	1.182	0.0040				1			0
122.05	Aspartic, Pre-col AQC Der (%)	0626	1.102	0.0230	1.180	0.0769	0.0221	8	-1.02	3%	0
122.05	Aspartic, Pre-col AQC Der (%)	0407	1.127	0.0540	1.180	0.0769	0.0221	8	-0.69	2%	0
122.05	Aspartic, Pre-col AQC Der (%)	0148	1.150	0.0200	1.180	0.0769	0.0221	8	-0.39	1%	0
122.05	Aspartic, Pre-col AQC Der (%)	0610	1.150	0.0000	1.180	0.0769	0.0221	8	-0.39	1%	0
122.05	Aspartic, Pre-col AQC Der (%)	0676	1.155	0.0300	1.180	0.0769	0.0221	8	-0.32	1%	0
122.05	Aspartic, Pre-col AQC Der (%)	2196	1.196	0.0000	1.180	0.0769	0.0221	8	0.21	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	
122.05	Aspartic, Pre-col AQC Der (%)	2188	1.265	0.0500	1.180	0.0769	0.0221	8	1.11	4%	0
122.05	Aspartic, Pre-col AQC Der (%)	2195	1.540	0.0000	1.180	0.0769	0.0221	8	4.68	15%	0
122.05	Aspartic, Pre-col AQC Der (%)	0853	1.605	0.2300	1.180	0.0769	0.0221	8	5.53	18%	1
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0354	0.1620	0.0040	0.2092	0.0221	0.0069	21	-2.14	11%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0870	0.1797	0.0001	0.2092	0.0221	0.0069	21	-1.34	7%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0859	0.1900	0.0044	0.2092	0.0221	0.0069	21	-0.87	5%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0910	0.1900	0.0200	0.2092	0.0221	0.0069	21	-0.87	5%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0227	0.1950	0.0100	0.2092	0.0221	0.0069	21	-0.64	3%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0644	0.1950	0.0020	0.2092	0.0221	0.0069	21	-0.64	3%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0504	0.2000	0.0200	0.2092	0.0221	0.0069	21	-0.42	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0918	0.2000	0.0000	0.2092	0.0221	0.0069	21	-0.42	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0353	0.2050	0.0100	0.2092	0.0221	0.0069	21	-0.19	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0878	0.2065	0.0030	0.2092	0.0221	0.0069	21	-0.12	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0171	0.2070	0.0140	0.2092	0.0221	0.0069	21	-0.10	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0571	0.2085	0.0030	0.2092	0.0221	0.0069	21	-0.03	0%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0848	0.2100	0.0000	0.2092	0.0221	0.0069	21	0.04	0%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	2059	0.2125	0.0070	0.2092	0.0221	0.0069	21	0.15	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0968	0.2175	0.0010	0.2092	0.0221	0.0069	21	0.37	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0872	0.2185	0.0030	0.2092	0.0221	0.0069	21	0.42	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0868	0.2195	0.0130	0.2092	0.0221	0.0069	21	0.47	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0226	0.2359	0.0003	0.2092	0.0221	0.0069	21	1.21	6%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0675	0.2500	0.0200	0.2092	0.0221	0.0069	21	1.85	10%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0682	0.2780	0.0000	0.2092	0.0221	0.0069	21	3.11	16%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0619	0.2925	0.0110	0.2092	0.0221	0.0069	21	3.77	20%	0
124.02	Cysteine/Cystine, PAO Post-col OPA Der (%)	0098	0.2155	0.0050				1			0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0853	0.0250	0.0100	0.2008	0.0520	0.0026	8	-3.38	44%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	2195	0.1800	0.0000	0.2008	0.0520	0.0026	8	-0.40	5%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	2196	0.1800	0.0000	0.2008	0.0520	0.0026	8	-0.40	5%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0676	0.1850	0.0100	0.2008	0.0520	0.0026	8	-0.30	4%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0723	0.2000	0.0000	0.2008	0.0520	0.0026	8	-0.02	0%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0610	0.2300	0.0000	0.2008	0.0520	0.0026	8	0.56	7%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	2188	0.2300	0.0000	0.2008	0.0520	0.0026	8	0.56	7%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0407	0.3265	0.0010	0.2008	0.0520	0.0026	8	2.42	31%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0148	0.1200	0.0400	0.2008	0.0520	0.0026	8	-1.55	20%	1
125.00	Glutamic, Post-col Ninhydrin Der (%)	0859	1.646	0.0363	2.025	0.0805	0.0181	20	-4.71	9%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0171	1.737	0.0590	2.025	0.0805	0.0181	20	-3.59	7%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0870	1.961	0.0068	2.025	0.0805	0.0181	20	-0.79	2%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0675	1.980	0.0200	2.025	0.0805	0.0181	20	-0.56	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0354	1.988	0.0060	2.025	0.0805	0.0181	20	-0.46	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0227	1.995	0.0100	2.025	0.0805	0.0181	20	-0.38	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0504	1.995	0.0100	2.025	0.0805	0.0181	20	-0.38	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0644	2.002	0.0310	2.025	0.0805	0.0181	20	-0.29	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	
125.00	Glutamic, Post-col Ninhydrin Der (%)	0968	2.005	0.0240	2.025	0.0805	0.0181	20	-0.25	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	2059	2.006	0.0010	2.025	0.0805	0.0181	20	-0.25	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0571	2.011	0.0060	2.025	0.0805	0.0181	20	-0.18	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0872	2.019	0.0050	2.025	0.0805	0.0181	20	-0.08	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0910	2.025	0.0300	2.025	0.0805	0.0181	20	0.00	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0878	2.035	0.0150	2.025	0.0805	0.0181	20	0.12	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0682	2.051	0.0000	2.025	0.0805	0.0181	20	0.32	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0918	2.062	0.0354	2.025	0.0805	0.0181	20	0.46	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0868	2.124	0.0120	2.025	0.0805	0.0181	20	1.23	2%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0353	2.210	0.0000	2.025	0.0805	0.0181	20	2.30	5%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0226	2.211	0.0147	2.025	0.0805	0.0181	20	2.31	5%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0619	2.260	0.0400	2.025	0.0805	0.0181	20	2.92	6%	0
125.02	Glutamic, Post-col OPA Der (%)	0098	2.063	0.0060				1			0
125.05	Glutamic, Pre-col AQC Der (%)	0626	1.898	0.0160	2.021	0.1019	0.0185	8	-1.20	3%	0
125.05	Glutamic, Pre-col AQC Der (%)	0407	1.932	0.0120	2.021	0.1019	0.0185	8	-0.87	2%	0
125.05	Glutamic, Pre-col AQC Der (%)	0676	1.990	0.0600	2.021	0.1019	0.0185	8	-0.30	1%	0
125.05	Glutamic, Pre-col AQC Der (%)	2196	2.006	0.0000	2.021	0.1019	0.0185	8	-0.14	0%	0
125.05	Glutamic, Pre-col AQC Der (%)	2195	2.020	0.0000	2.021	0.1019	0.0185	8	-0.01	0%	0
125.05	Glutamic, Pre-col AQC Der (%)	0610	2.025	0.0100	2.021	0.1019	0.0185	8	0.04	0%	0
125.05	Glutamic, Pre-col AQC Der (%)	0148	2.135	0.0100	2.021	0.1019	0.0185	8	1.12	3%	0
125.05	Glutamic, Pre-col AQC Der (%)	2188	2.160	0.0400	2.021	0.1019	0.0185	8	1.37	3%	0
125.05	Glutamic, Pre-col AQC Der (%)	0853	2.910	0.3600	2.021	0.1019	0.0185	8	8.72	22%	1
126.00	Glycine, Post-col Ninhydrin Der (%)	0859	0.5311	0.0117	0.6350	0.0315	0.0101	20	-3.30	8%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0870	0.5889	0.0188	0.6350	0.0315	0.0101	20	-1.47	4%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0910	0.5900	0.0400	0.6350	0.0315	0.0101	20	-1.43	4%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0354	0.6005	0.0250	0.6350	0.0315	0.0101	20	-1.10	3%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0171	0.6105	0.0030	0.6350	0.0315	0.0101	20	-0.78	2%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0675	0.6200	0.0200	0.6350	0.0315	0.0101	20	-0.48	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0968	0.6255	0.0050	0.6350	0.0315	0.0101	20	-0.30	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0868	0.6260	0.0020	0.6350	0.0315	0.0101	20	-0.29	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0644	0.6370	0.0040	0.6350	0.0315	0.0101	20	0.06	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0227	0.6450	0.0100	0.6350	0.0315	0.0101	20	0.32	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0504	0.6450	0.0100	0.6350	0.0315	0.0101	20	0.32	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0571	0.6485	0.0010	0.6350	0.0315	0.0101	20	0.43	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0872	0.6485	0.0110	0.6350	0.0315	0.0101	20	0.43	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0878	0.6495	0.0110	0.6350	0.0315	0.0101	20	0.46	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0682	0.6500	0.0000	0.6350	0.0315	0.0101	20	0.47	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	2059	0.6500	0.0000	0.6350	0.0315	0.0101	20	0.47	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0918	0.6623	0.0060	0.6350	0.0315	0.0101	20	0.87	2%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0353	0.6700	0.0000	0.6350	0.0315	0.0101	20	1.11	3%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0619	0.6710	0.0160	0.6350	0.0315	0.0101	20	1.14	3%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0226	0.6749	0.0070	0.6350	0.0315	0.0101	20	1.27	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			
126.02	Glycine, Post-col OPA Der (%)	0098	0.6420	0.0020				1			0
126.05	Glycine, Pre-col AQC Der (%)	0148	0.6350	0.0100	0.6740	0.0365	0.0108	9	-1.07	3%	0
126.05	Glycine, Pre-col AQC Der (%)	0676	0.6400	0.0000	0.6740	0.0365	0.0108	9	-0.93	3%	0
126.05	Glycine, Pre-col AQC Der (%)	2196	0.6580	0.0000	0.6740	0.0365	0.0108	9	-0.44	1%	0
126.05	Glycine, Pre-col AQC Der (%)	0610	0.6600	0.0000	0.6740	0.0365	0.0108	9	-0.38	1%	0
126.05	Glycine, Pre-col AQC Der (%)	0407	0.6700	0.0060	0.6740	0.0365	0.0108	9	-0.11	0%	0
126.05	Glycine, Pre-col AQC Der (%)	0626	0.6745	0.0010	0.6740	0.0365	0.0108	9	0.01	0%	0
126.05	Glycine, Pre-col AQC Der (%)	0853	0.6800	0.0400	0.6740	0.0365	0.0108	9	0.16	0%	0
126.05	Glycine, Pre-col AQC Der (%)	2188	0.7200	0.0400	0.6740	0.0365	0.0108	9	1.26	3%	0
126.05	Glycine, Pre-col AQC Der (%)	2195	0.7300	0.0000	0.6740	0.0365	0.0108	9	1.53	4%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0870	0.1839	0.0053	0.2845	0.0180	0.0046	19	-5.58	18%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0859	0.2222	0.0060	0.2845	0.0180	0.0046	19	-3.46	11%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0354	0.2425	0.0010	0.2845	0.0180	0.0046	19	-2.33	7%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0226	0.2715	0.0072	0.2845	0.0180	0.0046	19	-0.72	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0968	0.2760	0.0020	0.2845	0.0180	0.0046	19	-0.47	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0504	0.2800	0.0000	0.2845	0.0180	0.0046	19	-0.25	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0910	0.2800	0.0200	0.2845	0.0180	0.0046	19	-0.25	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0878	0.2815	0.0010	0.2845	0.0180	0.0046	19	-0.17	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0571	0.2860	0.0040	0.2845	0.0180	0.0046	19	0.08	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	2059	0.2865	0.0010	0.2845	0.0180	0.0046	19	0.11	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0918	0.2883	0.0040	0.2845	0.0180	0.0046	19	0.21	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0872	0.2895	0.0030	0.2845	0.0180	0.0046	19	0.28	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0353	0.2900	0.0000	0.2845	0.0180	0.0046	19	0.30	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0682	0.2910	0.0000	0.2845	0.0180	0.0046	19	0.36	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0644	0.2915	0.0010	0.2845	0.0180	0.0046	19	0.39	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0868	0.2985	0.0030	0.2845	0.0180	0.0046	19	0.78	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0227	0.3000	0.0000	0.2845	0.0180	0.0046	19	0.86	3%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0619	0.3610	0.0080	0.2845	0.0180	0.0046	19	4.24	13%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0675	0.3700	0.0200	0.2845	0.0180	0.0046	19	4.74	15%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0171	0.6465	0.0350	0.2845	0.0180	0.0046	19	20.08	64%	1
127.02	Histidine, Post-col OPA Der (%)	0098	0.2830	0.0040				1			0
127.05	Histidine, Pre-col AQC Der (%)	0853	0.1200	0.0200	0.2791	0.0200	0.0081	9	-7.96	29%	0
127.05	Histidine, Pre-col AQC Der (%)	0610	0.2650	0.0100	0.2791	0.0200	0.0081	9	-0.70	3%	0
127.05	Histidine, Pre-col AQC Der (%)	2196	0.2710	0.0000	0.2791	0.0200	0.0081	9	-0.40	1%	0
127.05	Histidine, Pre-col AQC Der (%)	2188	0.2750	0.0100	0.2791	0.0200	0.0081	9	-0.20	1%	0
127.05	Histidine, Pre-col AQC Der (%)	0148	0.2800	0.0000	0.2791	0.0200	0.0081	9	0.05	0%	0
127.05	Histidine, Pre-col AQC Der (%)	0676	0.2800	0.0000	0.2791	0.0200	0.0081	9	0.05	0%	0
127.05	Histidine, Pre-col AQC Der (%)	0626	0.2825	0.0010	0.2791	0.0200	0.0081	9	0.17	1%	0
127.05	Histidine, Pre-col AQC Der (%)	2195	0.3000	0.0000	0.2791	0.0200	0.0081	9	1.05	4%	0
127.05	Histidine, Pre-col AQC Der (%)	0407	0.3710	0.0320	0.2791	0.0200	0.0081	9	4.60	16%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0870	0.2644	0.0088	0.4337	0.0261	0.0100	19	-6.50	20%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0353	0.3700	0.0000	0.4337	0.0261	0.0100	19	-2.45	7%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0675	0.4000	0.0200	0.4337	0.0261	0.0100	19	-1.29	4%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0171	0.4140	0.0160	0.4337	0.0261	0.0100	19	-0.76	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0354	0.4150	0.0040	0.4337	0.0261	0.0100	19	-0.72	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0868	0.4245	0.0310	0.4337	0.0261	0.0100	19	-0.35	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0968	0.4245	0.0070	0.4337	0.0261	0.0100	19	-0.35	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0619	0.4275	0.0110	0.4337	0.0261	0.0100	19	-0.24	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0682	0.4290	0.0000	0.4337	0.0261	0.0100	19	-0.18	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0859	0.4371	0.0085	0.4337	0.0261	0.0100	19	0.13	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0918	0.4377	0.0082	0.4337	0.0261	0.0100	19	0.15	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0878	0.4445	0.0050	0.4337	0.0261	0.0100	19	0.41	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0872	0.4465	0.0170	0.4337	0.0261	0.0100	19	0.49	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0644	0.4490	0.0160	0.4337	0.0261	0.0100	19	0.59	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0227	0.4550	0.0100	0.4337	0.0261	0.0100	19	0.82	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0910	0.4550	0.0100	0.4337	0.0261	0.0100	19	0.82	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0571	0.4570	0.0060	0.4337	0.0261	0.0100	19	0.89	3%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	2059	0.4625	0.0010	0.4337	0.0261	0.0100	19	1.10	3%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0504	0.4750	0.0100	0.4337	0.0261	0.0100	19	1.58	5%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0226	0.4476	0.0511	0.4337	0.0261	0.0100	19	0.53	2%	1
128.02	Isoleucine, Post-col OPA Der (%)	0098	0.4470	0.0140				1			0
128.05	Isoleucine, Pre-col AQC Der (%)	0853	0.3300	0.0400	0.4336	0.0632	0.0090	9	-1.64	12%	0
128.05	Isoleucine, Pre-col AQC Der (%)	0407	0.3800	0.0100	0.4336	0.0632	0.0090	9	-0.85	6%	0
128.05	Isoleucine, Pre-col AQC Der (%)	0626	0.3865	0.0010	0.4336	0.0632	0.0090	9	-0.74	5%	0
128.05	Isoleucine, Pre-col AQC Der (%)	0676	0.4300	0.0200	0.4336	0.0632	0.0090	9	-0.06	0%	0
128.05	Isoleucine, Pre-col AQC Der (%)	2196	0.4420	0.0000	0.4336	0.0632	0.0090	9	0.13	1%	0
128.05	Isoleucine, Pre-col AQC Der (%)	0610	0.4500	0.0000	0.4336	0.0632	0.0090	9	0.26	2%	0
128.05	Isoleucine, Pre-col AQC Der (%)	2195	0.4800	0.0000	0.4336	0.0632	0.0090	9	0.73	5%	0
128.05	Isoleucine, Pre-col AQC Der (%)	0148	0.4900	0.0000	0.4336	0.0632	0.0090	9	0.89	7%	0
128.05	Isoleucine, Pre-col AQC Der (%)	2188	0.5050	0.0100	0.4336	0.0632	0.0090	9	1.13	8%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0870	0.6834	0.0196	0.8214	0.0397	0.0117	20	-3.47	8%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0859	0.7649	0.0220	0.8214	0.0397	0.0117	20	-1.42	3%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0968	0.7735	0.0010	0.8214	0.0397	0.0117	20	-1.20	3%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0675	0.7800	0.0200	0.8214	0.0397	0.0117	20	-1.04	3%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0354	0.7820	0.0200	0.8214	0.0397	0.0117	20	-0.99	2%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0682	0.7910	0.0000	0.8214	0.0397	0.0117	20	-0.76	2%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0171	0.8075	0.0210	0.8214	0.0397	0.0117	20	-0.35	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0910	0.8200	0.0000	0.8214	0.0397	0.0117	20	-0.03	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0878	0.8280	0.0100	0.8214	0.0397	0.0117	20	0.17	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0868	0.8300	0.0140	0.8214	0.0397	0.0117	20	0.22	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0644	0.8315	0.0170	0.8214	0.0397	0.0117	20	0.25	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0872	0.8330	0.0140	0.8214	0.0397	0.0117	20	0.29	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0227	0.8350	0.0100	0.8214	0.0397	0.0117	20	0.34	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	2059	0.8395	0.0030	0.8214	0.0397	0.0117	20	0.46	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	
129.00	Leucine, Post-col Ninhydrin Der (%)	0571	0.8430	0.0060	0.8214	0.0397	0.0117	20	0.54	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0504	0.8500	0.0000	0.8214	0.0397	0.0117	20	0.72	2%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0353	0.8550	0.0100	0.8214	0.0397	0.0117	20	0.85	2%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0918	0.8565	0.0031	0.8214	0.0397	0.0117	20	0.88	2%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0226	0.8644	0.0302	0.8214	0.0397	0.0117	20	1.08	3%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0619	0.8870	0.0140	0.8214	0.0397	0.0117	20	1.65	4%	0
129.02	Leucine, Post-col OPA Der (%)	0098	0.8345	0.0050				1			0
129.05	Leucine, Pre-col AQC Der (%)	0626	0.7705	0.0090	0.8144	0.0388	0.0081	8	-1.13	3%	0
129.05	Leucine, Pre-col AQC Der (%)	2196	0.7710	0.0000	0.8144	0.0388	0.0081	8	-1.12	3%	0
129.05	Leucine, Pre-col AQC Der (%)	2195	0.8000	0.0000	0.8144	0.0388	0.0081	8	-0.37	1%	0
129.05	Leucine, Pre-col AQC Der (%)	0407	0.8110	0.0060	0.8144	0.0388	0.0081	8	-0.09	0%	0
129.05	Leucine, Pre-col AQC Der (%)	0676	0.8250	0.0300	0.8144	0.0388	0.0081	8	0.27	1%	0
129.05	Leucine, Pre-col AQC Der (%)	0148	0.8300	0.0000	0.8144	0.0388	0.0081	8	0.40	1%	0
129.05	Leucine, Pre-col AQC Der (%)	0610	0.8350	0.0100	0.8144	0.0388	0.0081	8	0.53	1%	0
129.05	Leucine, Pre-col AQC Der (%)	2188	0.9250	0.0100	0.8144	0.0388	0.0081	8	2.85	7%	0
129.05	Leucine, Pre-col AQC Der (%)	0853	0.8850	0.0900	0.8144	0.0388	0.0081	8	1.82	4%	1
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0171	0.5515	0.0210	0.6939	0.0367	0.0100	20	-3.89	10%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0859	0.5646	0.0086	0.6939	0.0367	0.0100	20	-3.53	9%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0870	0.6588	0.0042	0.6939	0.0367	0.0100	20	-0.96	3%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0910	0.6650	0.0100	0.6939	0.0367	0.0100	20	-0.79	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0354	0.6730	0.0120	0.6939	0.0367	0.0100	20	-0.57	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0918	0.6806	0.0067	0.6939	0.0367	0.0100	20	-0.37	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0878	0.6825	0.0070	0.6939	0.0367	0.0100	20	-0.31	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0968	0.6860	0.0100	0.6939	0.0367	0.0100	20	-0.22	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0872	0.6865	0.0050	0.6939	0.0367	0.0100	20	-0.20	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0644	0.6870	0.0040	0.6939	0.0367	0.0100	20	-0.19	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0226	0.6928	0.0352	0.6939	0.0367	0.0100	20	-0.03	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0353	0.7000	0.0000	0.6939	0.0367	0.0100	20	0.17	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0675	0.7000	0.0200	0.6939	0.0367	0.0100	20	0.17	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0571	0.7010	0.0020	0.6939	0.0367	0.0100	20	0.19	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0868	0.7030	0.0140	0.6939	0.0367	0.0100	20	0.25	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	2059	0.7070	0.0040	0.6939	0.0367	0.0100	20	0.36	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0682	0.7310	0.0000	0.6939	0.0367	0.0100	20	1.01	3%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0504	0.7500	0.0000	0.6939	0.0367	0.0100	20	1.53	4%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0227	0.7750	0.0100	0.6939	0.0367	0.0100	20	2.21	6%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0619	0.9470	0.0260	0.6939	0.0367	0.0100	20	6.90	18%	0
130.01	L-Lysine, Pre-col OPA Der (%)	2145	0.7550	0.0100				1			0
130.02	L-Lysine, Post-col OPA Der (%)	0098	0.7115	0.0030				1			0
130.05	L-Lysine, Pre-col AQC Der (%)	2196	0.6570	0.0000	0.6908	0.0275	0.0128	9	-1.23	2%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0407	0.6615	0.0190	0.6908	0.0275	0.0128	9	-1.07	2%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0626	0.6765	0.0030	0.6908	0.0275	0.0128	9	-0.52	1%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0610	0.6850	0.0100	0.6908	0.0275	0.0128	9	-0.21	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	
130.05	L-Lysine, Pre-col AQC Der (%)	0148	0.6900	0.0200	0.6908	0.0275	0.0128	9	-0.03	0%	0
130.05	L-Lysine, Pre-col AQC Der (%)	2195	0.7000	0.0000	0.6908	0.0275	0.0128	9	0.33	1%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0014	0.7005	0.0530	0.6908	0.0275	0.0128	9	0.35	1%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0676	0.7150	0.0100	0.6908	0.0275	0.0128	9	0.88	2%	0
130.05	L-Lysine, Pre-col AQC Der (%)	2188	0.7700	0.0000	0.6908	0.0275	0.0128	9	2.88	6%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0853	0.7750	0.1300	0.6908	0.0275	0.0128	9	3.06	6%	1
130.99	L-Lysine, Miscellaneous (%)	0939	0.6800	0.0200				3			0
130.99	L-Lysine, Miscellaneous (%)	2053	0.7150	0.0100				3			0
130.99	L-Lysine, Miscellaneous (%)	2146	0.7250	0.0100				3			0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0354	0.0805	0.0030	0.1563	0.0169	0.0036	20	-4.47	24%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0619	0.0915	0.0010	0.1563	0.0169	0.0036	20	-3.82	21%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0848	0.1300	0.0000	0.1563	0.0169	0.0036	20	-1.55	8%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0859	0.1309	0.0032	0.1563	0.0169	0.0036	20	-1.50	8%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0171	0.1495	0.0030	0.1563	0.0169	0.0036	20	-0.40	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0353	0.1500	0.0000	0.1563	0.0169	0.0036	20	-0.37	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0227	0.1550	0.0100	0.1563	0.0169	0.0036	20	-0.08	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0504	0.1550	0.0100	0.1563	0.0169	0.0036	20	-0.08	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0910	0.1550	0.0100	0.1563	0.0169	0.0036	20	-0.08	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0870	0.1579	0.0054	0.1563	0.0169	0.0036	20	0.10	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0872	0.1605	0.0010	0.1563	0.0169	0.0036	20	0.25	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0968	0.1605	0.0090	0.1563	0.0169	0.0036	20	0.25	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0571	0.1660	0.0020	0.1563	0.0169	0.0036	20	0.57	3%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0868	0.1665	0.0030	0.1563	0.0169	0.0036	20	0.60	3%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	2059	0.1690	0.0000	0.1563	0.0169	0.0036	20	0.75	4%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0878	0.1695	0.0010	0.1563	0.0169	0.0036	20	0.78	4%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0226	0.1696	0.0070	0.1563	0.0169	0.0036	20	0.79	4%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0918	0.1700	0.0000	0.1563	0.0169	0.0036	20	0.81	4%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0644	0.1740	0.0040	0.1563	0.0169	0.0036	20	1.05	6%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0682	0.1740	0.0000	0.1563	0.0169	0.0036	20	1.05	6%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0675	0.1300	0.0200	0.1563	0.0169	0.0036	20	-1.55	8%	1
131.02	Methionine, PAO Post-col OPA Der (%)	0098	0.1610	0.0020				1			0
131.05	Methionine, PAO Pre-col AQC Der (%)	0853	0.0500	0.0200	0.1600	0.0325	0.0074	11	-3.38	34%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	0148	0.1300	0.0000	0.1600	0.0325	0.0074	11	-0.92	9%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	2188	0.1350	0.0100	0.1600	0.0325	0.0074	11	-0.77	8%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	0626	0.1365	0.0070	0.1600	0.0325	0.0074	11	-0.72	7%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	0723	0.1600	0.0000	0.1600	0.0325	0.0074	11	0.00	0%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	0610	0.1700	0.0000	0.1600	0.0325	0.0074	11	0.31	3%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	0014	0.1710	0.0340	0.1600	0.0325	0.0074	11	0.34	3%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	0407	0.1729	0.0002	0.1600	0.0325	0.0074	11	0.40	4%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	2196	0.1800	0.0000	0.1600	0.0325	0.0074	11	0.61	6%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	0676	0.1850	0.0100	0.1600	0.0325	0.0074	11	0.77	8%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	2195	0.2200	0.0000	0.1600	0.0325	0.0074	11	1.84	19%	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			
131.99	Methionine, Miscellaneous (%)	2146	0.1650	0.0100	0.1775	0.0087	0.0200	4			0
131.99	Methionine, Miscellaneous (%)	2053	0.1800	0.0400	0.1775	0.0087	0.0200	4			0
131.99	Methionine, Miscellaneous (%)	2145	0.1800	0.0000	0.1775	0.0087	0.0200	4			0
131.99	Methionine, Miscellaneous (%)	0939	0.1850	0.0300	0.1775	0.0087	0.0200	4			0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0870	0.4526	0.0124	0.5383	0.0298	0.0102	20	-2.87	8%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0878	0.4985	0.0110	0.5383	0.0298	0.0102	20	-1.33	4%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0354	0.5030	0.0300	0.5383	0.0298	0.0102	20	-1.18	3%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0682	0.5100	0.0000	0.5383	0.0298	0.0102	20	-0.95	3%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0675	0.5200	0.0200	0.5383	0.0298	0.0102	20	-0.61	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0868	0.5260	0.0100	0.5383	0.0298	0.0102	20	-0.41	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0872	0.5270	0.0080	0.5383	0.0298	0.0102	20	-0.38	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0859	0.5277	0.0087	0.5383	0.0298	0.0102	20	-0.36	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0171	0.5285	0.0030	0.5383	0.0298	0.0102	20	-0.33	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0227	0.5350	0.0100	0.5383	0.0298	0.0102	20	-0.11	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0968	0.5395	0.0110	0.5383	0.0298	0.0102	20	0.04	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0918	0.5441	0.0078	0.5383	0.0298	0.0102	20	0.20	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0226	0.5470	0.0314	0.5383	0.0298	0.0102	20	0.29	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0910	0.5500	0.0000	0.5383	0.0298	0.0102	20	0.39	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	2059	0.5565	0.0030	0.5383	0.0298	0.0102	20	0.61	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0644	0.5585	0.0150	0.5383	0.0298	0.0102	20	0.68	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0504	0.5650	0.0100	0.5383	0.0298	0.0102	20	0.90	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0571	0.5695	0.0030	0.5383	0.0298	0.0102	20	1.05	3%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0353	0.6300	0.0000	0.5383	0.0298	0.0102	20	3.08	9%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0619	0.7330	0.0100	0.5383	0.0298	0.0102	20	6.53	18%	0
132.02	Phenylalanine, Post-col OPA Der (%)	0098	0.5370	0.0040				1			0
132.05	Phenylalanine, Pre-col AQC Der (%)	0853	0.4700	0.0200	0.5227	0.0227	0.0098	9	-2.32	5%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	2196	0.4980	0.0000	0.5227	0.0227	0.0098	9	-1.09	2%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	2195	0.5200	0.0000	0.5227	0.0227	0.0098	9	-0.12	0%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	0148	0.5250	0.0100	0.5227	0.0227	0.0098	9	0.10	0%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	0610	0.5250	0.0100	0.5227	0.0227	0.0098	9	0.10	0%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	0676	0.5250	0.0100	0.5227	0.0227	0.0098	9	0.10	0%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	0407	0.5265	0.0150	0.5227	0.0227	0.0098	9	0.17	0%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	0626	0.5395	0.0030	0.5227	0.0227	0.0098	9	0.74	2%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	2188	0.5600	0.0200	0.5227	0.0227	0.0098	9	1.64	4%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0859	0.6714	0.0110	0.8196	0.0681	0.0162	19	-2.17	9%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0870	0.7002	0.0185	0.8196	0.0681	0.0162	19	-1.75	7%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0354	0.7390	0.0120	0.8196	0.0681	0.0162	19	-1.18	5%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0910	0.7400	0.0000	0.8196	0.0681	0.0162	19	-1.17	5%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0878	0.7885	0.0130	0.8196	0.0681	0.0162	19	-0.46	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0868	0.8075	0.0050	0.8196	0.0681	0.0162	19	-0.18	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0675	0.8100	0.0200	0.8196	0.0681	0.0162	19	-0.14	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0644	0.8115	0.0230	0.8196	0.0681	0.0162	19	-0.12	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	
133.00	Proline, Post-col Ninhydrin Der (%)	0171	0.8135	0.0410	0.8196	0.0681	0.0162	19	-0.09	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0227	0.8150	0.0300	0.8196	0.0681	0.0162	19	-0.07	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0571	0.8310	0.0260	0.8196	0.0681	0.0162	19	0.17	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	2059	0.8335	0.0030	0.8196	0.0681	0.0162	19	0.20	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0504	0.8400	0.0000	0.8196	0.0681	0.0162	19	0.30	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0682	0.8530	0.0000	0.8196	0.0681	0.0162	19	0.49	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0918	0.8610	0.0048	0.8196	0.0681	0.0162	19	0.61	3%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0872	0.8705	0.0350	0.8196	0.0681	0.0162	19	0.75	3%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0353	0.8900	0.0000	0.8196	0.0681	0.0162	19	1.03	4%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0968	0.9110	0.0460	0.8196	0.0681	0.0162	19	1.34	6%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0619	1.330	0.0200	0.8196	0.0681	0.0162	19	7.49	31%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0226	1.148	0.1085	0.8196	0.0681	0.0162	19	4.82	20%	1
133.05	Proline, Pre-col AQC Der (%)	2196	0.7970	0.0000	0.8442	0.0447	0.0089	8	-1.06	3%	0
133.05	Proline, Pre-col AQC Der (%)	0407	0.8000	0.0040	0.8442	0.0447	0.0089	8	-0.99	3%	0
133.05	Proline, Pre-col AQC Der (%)	0148	0.8250	0.0100	0.8442	0.0447	0.0089	8	-0.43	1%	0
133.05	Proline, Pre-col AQC Der (%)	0610	0.8300	0.0000	0.8442	0.0447	0.0089	8	-0.32	1%	0
133.05	Proline, Pre-col AQC Der (%)	0626	0.8455	0.0070	0.8442	0.0447	0.0089	8	0.03	0%	0
133.05	Proline, Pre-col AQC Der (%)	2195	0.8700	0.0000	0.8442	0.0447	0.0089	8	0.58	2%	0
133.05	Proline, Pre-col AQC Der (%)	0676	0.8750	0.0100	0.8442	0.0447	0.0089	8	0.69	2%	0
133.05	Proline, Pre-col AQC Der (%)	2188	0.9800	0.0400	0.8442	0.0447	0.0089	8	3.04	8%	0
133.05	Proline, Pre-col AQC Der (%)	0853	0.9300	0.1000	0.8442	0.0447	0.0089	8	1.92	5%	1
134.00	Serine, Post-col Ninhydrin Der (%)	0859	0.4624	0.0074	0.5615	0.0195	0.0096	20	-5.08	9%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0504	0.5150	0.0300	0.5615	0.0195	0.0096	20	-2.38	4%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0644	0.5370	0.0120	0.5615	0.0195	0.0096	20	-1.26	2%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0682	0.5480	0.0000	0.5615	0.0195	0.0096	20	-0.69	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0878	0.5545	0.0030	0.5615	0.0195	0.0096	20	-0.36	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0227	0.5550	0.0100	0.5615	0.0195	0.0096	20	-0.34	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	2059	0.5550	0.0040	0.5615	0.0195	0.0096	20	-0.34	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0968	0.5565	0.0010	0.5615	0.0195	0.0096	20	-0.26	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0918	0.5586	0.0180	0.5615	0.0195	0.0096	20	-0.15	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0910	0.5600	0.0200	0.5615	0.0195	0.0096	20	-0.08	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0870	0.5610	0.0125	0.5615	0.0195	0.0096	20	-0.03	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0171	0.5615	0.0050	0.5615	0.0195	0.0096	20	0.00	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0354	0.5660	0.0020	0.5615	0.0195	0.0096	20	0.23	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0872	0.5660	0.0060	0.5615	0.0195	0.0096	20	0.23	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0571	0.5680	0.0060	0.5615	0.0195	0.0096	20	0.33	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0675	0.5700	0.0200	0.5615	0.0195	0.0096	20	0.43	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0226	0.5768	0.0256	0.5615	0.0195	0.0096	20	0.78	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0868	0.6055	0.0090	0.5615	0.0195	0.0096	20	2.25	4%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0353	0.6300	0.0000	0.5615	0.0195	0.0096	20	3.51	6%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0619	0.6525	0.0010	0.5615	0.0195	0.0096	20	4.66	8%	0
134.02	Serine, Post-col OPA Der (%)	0098	0.5215	0.0150				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	
134.05	Serine, Pre-col AQC Der (%)	2195	0.4800	0.0000	0.5533	0.0485	0.0129	8	-1.51	7%	0
134.05	Serine, Pre-col AQC Der (%)	0626	0.5195	0.0030	0.5533	0.0485	0.0129	8	-0.70	3%	0
134.05	Serine, Pre-col AQC Der (%)	2196	0.5350	0.0000	0.5533	0.0485	0.0129	8	-0.38	2%	0
134.05	Serine, Pre-col AQC Der (%)	0610	0.5500	0.0000	0.5533	0.0485	0.0129	8	-0.07	0%	0
134.05	Serine, Pre-col AQC Der (%)	0676	0.5700	0.0000	0.5533	0.0485	0.0129	8	0.35	2%	0
134.05	Serine, Pre-col AQC Der (%)	0148	0.5700	0.0400	0.5533	0.0485	0.0129	8	0.35	2%	0
134.05	Serine, Pre-col AQC Der (%)	0853	0.5750	0.0500	0.5533	0.0485	0.0129	8	0.45	2%	0
134.05	Serine, Pre-col AQC Der (%)	2188	0.6550	0.0100	0.5533	0.0485	0.0129	8	2.10	9%	0
134.05	Serine, Pre-col AQC Der (%)	0407	0.5045	0.1270	0.5533	0.0485	0.0129	8	-1.01	4%	1
135.00	Threonine, Post-col Ninhydrin Der (%)	0859	0.3743	0.0097	0.4601	0.0126	0.0082	20	-6.83	9%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0870	0.4129	0.0040	0.4601	0.0126	0.0082	20	-3.75	5%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0682	0.4250	0.0000	0.4601	0.0126	0.0082	20	-2.79	4%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0872	0.4515	0.0070	0.4601	0.0126	0.0082	20	-0.68	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0878	0.4550	0.0180	0.4601	0.0126	0.0082	20	-0.41	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0910	0.4550	0.0100	0.4601	0.0126	0.0082	20	-0.41	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0644	0.4570	0.0180	0.4601	0.0126	0.0082	20	-0.25	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0868	0.4580	0.0000	0.4601	0.0126	0.0082	20	-0.17	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0968	0.4580	0.0160	0.4601	0.0126	0.0082	20	-0.17	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	2059	0.4595	0.0030	0.4601	0.0126	0.0082	20	-0.05	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0675	0.4600	0.0200	0.4601	0.0126	0.0082	20	-0.01	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0227	0.4600	0.0000	0.4601	0.0126	0.0082	20	-0.01	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0354	0.4625	0.0030	0.4601	0.0126	0.0082	20	0.19	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0226	0.4644	0.0099	0.4601	0.0126	0.0082	20	0.34	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0504	0.4650	0.0100	0.4601	0.0126	0.0082	20	0.39	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0571	0.4650	0.0000	0.4601	0.0126	0.0082	20	0.39	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0918	0.4706	0.0013	0.4601	0.0126	0.0082	20	0.83	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0171	0.4990	0.0300	0.4601	0.0126	0.0082	20	3.09	4%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0353	0.5000	0.0000	0.4601	0.0126	0.0082	20	3.17	4%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0619	0.5150	0.0040	0.4601	0.0126	0.0082	20	4.37	6%	0
135.02	Threonine, Post-col OPA Der (%)	0098	0.4665	0.0090				1			0
135.05	Threonine, Pre-col AQC Der (%)	0626	0.3590	0.0060	0.4346	0.0510	0.0096	9	-1.48	9%	0
135.05	Threonine, Pre-col AQC Der (%)	0853	0.3900	0.0400	0.4346	0.0510	0.0096	9	-0.87	5%	0
135.05	Threonine, Pre-col AQC Der (%)	2195	0.4000	0.0000	0.4346	0.0510	0.0096	9	-0.68	4%	0
135.05	Threonine, Pre-col AQC Der (%)	0407	0.4310	0.0200	0.4346	0.0510	0.0096	9	-0.07	0%	0
135.05	Threonine, Pre-col AQC Der (%)	0676	0.4450	0.0100	0.4346	0.0510	0.0096	9	0.20	1%	0
135.05	Threonine, Pre-col AQC Der (%)	0148	0.4500	0.0000	0.4346	0.0510	0.0096	9	0.30	2%	0
135.05	Threonine, Pre-col AQC Der (%)	0610	0.4600	0.0000	0.4346	0.0510	0.0096	9	0.50	3%	0
135.05	Threonine, Pre-col AQC Der (%)	2196	0.4710	0.0000	0.4346	0.0510	0.0096	9	0.71	4%	0
135.05	Threonine, Pre-col AQC Der (%)	2188	0.5050	0.0100	0.4346	0.0510	0.0096	9	1.38	8%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0870	0.1198	0.0066	0.1594	0.0395	0.0049	6	-1.00	12%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0918	0.1400	0.0000	0.1594	0.0395	0.0049	6	-0.49	6%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0910	0.1450	0.0100	0.1594	0.0395	0.0049	6	-0.36	5%	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	
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0682	0.1500	0.0000	0.1594	0.0395	0.0049	6	-0.24	3%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0619	0.1865	0.0030	0.1594	0.0395	0.0049	6	0.69	9%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0227	0.2150	0.0100	0.1594	0.0395	0.0049	6	1.41	17%	0
136.01	Tryptophan, Alka-Hydrol Rev Phase LC UV (%)	0868	0.1570	0.0080				3			0
136.01	Tryptophan, Alka-Hydrol Rev Phase LC UV (%)	0878	0.1785	0.0010				3			0
136.01	Tryptophan, Alka-Hydrol Rev Phase LC UV (%)	0644	0.1820	0.0020				3			0
136.02	Tryptophan, Alka-Hydrol Post-col OPA De (%)	0098	0.1625	0.0050				1			0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	2059	0.1710	0.0020	0.1754	0.0030	0.0021	4			0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0859	0.1760	0.0034	0.1754	0.0030	0.0021	4			0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0571	0.1765	0.0010	0.1754	0.0030	0.0021	4			0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0872	0.1780	0.0020	0.1754	0.0030	0.0021	4			0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0353	0.1450	0.0100	0.1754	0.0030	0.0021	4			2
136.05	Tryptophan, Pre-col AQC Der (%)	0407	0.1405	0.0110				2			0
136.05	Tryptophan, Pre-col AQC Der (%)	2195	0.3500	0.0000				2			0
136.99	Tryptophan, Miscellaneous (%)	0504	0.1400	0.0000				2			0
136.99	Tryptophan, Miscellaneous (%)	0610	0.1800	0.0000				2			0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0675	0.1100	0.0200	0.3474	0.0752	0.0062	14	-3.15	34%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0910	0.2050	0.0100	0.3474	0.0752	0.0062	14	-1.89	20%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0682	0.2670	0.0000	0.3474	0.0752	0.0062	14	-1.07	12%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0968	0.3175	0.0010	0.3474	0.0752	0.0062	14	-0.40	4%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0354	0.3260	0.0040	0.3474	0.0752	0.0062	14	-0.28	3%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0227	0.3400	0.0000	0.3474	0.0752	0.0062	14	-0.10	1%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0918	0.3555	0.0033	0.3474	0.0752	0.0062	14	0.11	1%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0171	0.3700	0.0060	0.3474	0.0752	0.0062	14	0.30	3%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0644	0.3825	0.0050	0.3474	0.0752	0.0062	14	0.47	5%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	2059	0.3840	0.0040	0.3474	0.0752	0.0062	14	0.49	5%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0872	0.3850	0.0100	0.3474	0.0752	0.0062	14	0.50	5%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0504	0.3900	0.0000	0.3474	0.0752	0.0062	14	0.57	6%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0226	0.4169	0.0241	0.3474	0.0752	0.0062	14	0.92	10%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0353	0.4600	0.0000	0.3474	0.0752	0.0062	14	1.50	16%	0
137.02	Tyrosine, Post-col OPA Der (%)	0098	0.4010	0.0020				1			0
137.05	Tyrosine, Pre-col AQC Der (%)	0626	0.3055	0.0070	0.3876	0.0466	0.0118	8	-1.76	11%	0
137.05	Tyrosine, Pre-col AQC Der (%)	0407	0.3495	0.0170	0.3876	0.0466	0.0118	8	-0.82	5%	0
137.05	Tyrosine, Pre-col AQC Der (%)	2196	0.3690	0.0000	0.3876	0.0466	0.0118	8	-0.40	2%	0
137.05	Tyrosine, Pre-col AQC Der (%)	0853	0.3800	0.0200	0.3876	0.0466	0.0118	8	-0.16	1%	0
137.05	Tyrosine, Pre-col AQC Der (%)	0610	0.4050	0.0100	0.3876	0.0466	0.0118	8	0.37	2%	0
137.05	Tyrosine, Pre-col AQC Der (%)	0148	0.4150	0.0100	0.3876	0.0466	0.0118	8	0.59	4%	0
137.05	Tyrosine, Pre-col AQC Der (%)	2188	0.4300	0.0200	0.3876	0.0466	0.0118	8	0.91	5%	0
137.05	Tyrosine, Pre-col AQC Der (%)	0676	0.4350	0.0100	0.3876	0.0466	0.0118	8	1.02	6%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0870	0.3787	0.0131	0.5852	0.0508	0.0145	20	-4.06	18%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0226	0.4476	0.0511	0.5852	0.0508	0.0145	20	-2.71	12%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0354	0.5020	0.0080	0.5852	0.0508	0.0145	20	-1.64	7%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
138.00	Valine, Post-col Ninhydrin Der (%)	0353	0.5200	0.0000	0.5852	0.0508	0.0145	20	-1.28	6%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0859	0.5428	0.0100	0.5852	0.0508	0.0145	20	-0.83	4%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0171	0.5530	0.0160	0.5852	0.0508	0.0145	20	-0.63	3%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0910	0.5800	0.0200	0.5852	0.0508	0.0145	20	-0.10	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0675	0.5900	0.0200	0.5852	0.0508	0.0145	20	0.09	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0868	0.5915	0.0270	0.5852	0.0508	0.0145	20	0.12	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0504	0.6000	0.0000	0.5852	0.0508	0.0145	20	0.29	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0619	0.6035	0.0030	0.5852	0.0508	0.0145	20	0.36	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0968	0.6130	0.0080	0.5852	0.0508	0.0145	20	0.55	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0878	0.6140	0.0100	0.5852	0.0508	0.0145	20	0.57	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0872	0.6150	0.0340	0.5852	0.0508	0.0145	20	0.59	3%	0
138.00	Valine, Post-col Ninhydrin Der (%)	2059	0.6155	0.0010	0.5852	0.0508	0.0145	20	0.60	3%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0571	0.6185	0.0150	0.5852	0.0508	0.0145	20	0.66	3%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0644	0.6185	0.0150	0.5852	0.0508	0.0145	20	0.66	3%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0682	0.6220	0.0000	0.5852	0.0508	0.0145	20	0.72	3%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0918	0.6345	0.0082	0.5852	0.0508	0.0145	20	0.97	4%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0227	0.6450	0.0300	0.5852	0.0508	0.0145	20	1.18	5%	0
138.02	Valine, Post-col OPA Der (%)	0098	0.6405	0.0130				1			0
138.05	Valine, Pre-col AQC Der (%)	0407	0.5430	0.0120	0.5984	0.0370	0.0041	8	-1.50	5%	0
138.05	Valine, Pre-col AQC Der (%)	2196	0.5690	0.0000	0.5984	0.0370	0.0041	8	-0.80	2%	0
138.05	Valine, Pre-col AQC Der (%)	0626	0.5855	0.0010	0.5984	0.0370	0.0041	8	-0.35	1%	0
138.05	Valine, Pre-col AQC Der (%)	2195	0.5900	0.0000	0.5984	0.0370	0.0041	8	-0.23	1%	0
138.05	Valine, Pre-col AQC Der (%)	0676	0.6150	0.0100	0.5984	0.0370	0.0041	8	0.45	1%	0
138.05	Valine, Pre-col AQC Der (%)	2188	0.6150	0.0100	0.5984	0.0370	0.0041	8	0.45	1%	0
138.05	Valine, Pre-col AQC Der (%)	0148	0.6300	0.0000	0.5984	0.0370	0.0041	8	0.85	3%	0
138.05	Valine, Pre-col AQC Der (%)	0610	0.6400	0.0000	0.5984	0.0370	0.0041	8	1.12	3%	0
138.05	Valine, Pre-col AQC Der (%)	0853	0.5200	0.0600	0.5984	0.0370	0.0041	8	-2.12	7%	1
139.00	Taurine, Post-col Ninhydrin Der (%)	0682	0.0500	0.0000				2			0
139.00	Taurine, Post-col Ninhydrin Der (%)	0504	0.1850	0.0100				2			0
139.02	Taurine, Post-col OPA Der (%)	0098	< 0.01					0			5
139.05	Taurine, Pre-col AQC Der (%)	0407	0.0035	0.0010				1			0
160.99	Fructose, Miscellaneous (%)	0619	0.2055	0.0030	0.4201	0.2478	0.0483	4			0
160.99	Fructose, Miscellaneous (%)	0227	0.2200	0.0000	0.4201	0.2478	0.0483	4			0
160.99	Fructose, Miscellaneous (%)	0861	0.5500	0.1000	0.4201	0.2478	0.0483	4			0
160.99	Fructose, Miscellaneous (%)	0148	0.7050	0.0900	0.4201	0.2478	0.0483	4			0
162.99	Glucose, Miscellaneous (%)	0619	0.1775	0.0030				3			0
162.99	Glucose, Miscellaneous (%)	0227	0.1900	0.0000				3			0
162.99	Glucose, Miscellaneous (%)	0148	0.3300	0.1000				3			0
162.99	Glucose, Miscellaneous (%)	0861	< 0.1					3			5
163.99	Lactose, Miscellaneous (%)	0148	0.0350	0.0100				1			0
163.99	Lactose, Miscellaneous (%)	0619	0.0000	0.0000				1			4
163.99	Lactose, Miscellaneous (%)	0861	< 0.1					1			5

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			
163.99	Lactose, Miscellaneous (%)	0227	< 0.15					1			5
164.99	Maltose, Miscellaneous (%)	0148	0.1600	0.0000				2			0
164.99	Maltose, Miscellaneous (%)	0861	0.3500	0.1000				2			0
164.99	Maltose, Miscellaneous (%)	0227	< 0.15					2			5
165.99	Sucrose, Miscellaneous (%)	0227	1.640	0.1000	1.853	0.2638	0.1000	4			0
165.99	Sucrose, Miscellaneous (%)	0619	1.695	0.0300	1.853	0.2638	0.1000	4			0
165.99	Sucrose, Miscellaneous (%)	0861	1.850	0.1000	1.853	0.2638	0.1000	4			0
165.99	Sucrose, Miscellaneous (%)	0148	2.225	0.1700	1.853	0.2638	0.1000	4			0
166.99	Raffinose, Miscellaneous (%)	0227	0.4400	0.0000				2			0
166.99	Raffinose, Miscellaneous (%)	0619	0.4885	0.0210				2			0
167.99	Stachyose, Miscellaneous (%)	0227	0.1350	0.0100				2			0
167.99	Stachyose, Miscellaneous (%)	0619	0.2745	0.0130				2			0
400.01	Water Activity, Aqualab chilled mirror (Units)	0407	0.4555	0.0024	0.4863	0.0328	0.0044	7	-0.94	3%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	0942	0.4650	0.0100	0.4863	0.0328	0.0044	7	-0.65	2%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	0589	0.4660	0.0080	0.4863	0.0328	0.0044	7	-0.62	2%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	0843	0.4815	0.0043	0.4863	0.0328	0.0044	7	-0.15	0%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	2009	0.4845	0.0010	0.4863	0.0328	0.0044	7	-0.05	0%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	2181	0.5203	0.0019	0.4863	0.0328	0.0044	7	1.04	3%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	2109	0.5312	0.0029	0.4863	0.0328	0.0044	7	1.37	5%	0
400.99	Water Activity, Miscellaneous (Units)	0843	0.4600	0.0020				2			0
400.99	Water Activity, Miscellaneous (Units)	2073	0.4975	0.0030				2			0
412.01	Starch, Dietary, Enzymatic-Colorimetric (%)	0353	11.59	0.0100				1			0
516.00	Arsenic, Total, AA, Hydride (mg / kg (ppm))	0171	1.162	0.0030				1			0
516.42	Arsenic, Total, ICP, Open vessel (mg / kg (ppm))	0045	0.9110	0.0080				1			0
516.43	Arsenic, Total, ICP, Microwave (mg / kg (ppm))	0407	1.443	0.2726				1			0
516.52	Arsenic, Total, ICP-MS, Open vessel (mg / kg (ppm))	0186	1.195	0.0100				2			0
516.52	Arsenic, Total, ICP-MS, Open vessel (mg / kg (ppm))	0910	1.270	0.0200				2			0
516.53	Arsenic, Total, ICP-MS, Microwave (mg / kg (ppm))	0227	1.160	0.0600				3			0
516.53	Arsenic, Total, ICP-MS, Microwave (mg / kg (ppm))	0918	1.223	0.0229				3			0
516.53	Arsenic, Total, ICP-MS, Microwave (mg / kg (ppm))	0553	1.240	0.1000				3			0
516.53	Arsenic, Total, ICP-MS, Microwave (mg / kg (ppm))	0098	1.470	0.5510				3			1
518.41	Cadmium, ICP, Dry ash (mg / kg (ppm))	0171	0.4455	0.2090				1			0
518.43	Cadmium, ICP, Microwave (mg / kg (ppm))	0968	1.326	0.0110				1			0
518.52	Cadmium, ICP-MS, Open vessel (mg / kg (ppm))	0186	0.8375	0.0070				2			0
518.52	Cadmium, ICP-MS, Open vessel (mg / kg (ppm))	0910	0.8500	0.1400				2			0
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	0227	0.7625	0.0070	0.7738	0.0096	0.0241	4			0
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	0918	0.7692	0.0325	0.7738	0.0096	0.0241	4			0
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	0098	0.7805	0.0430	0.7738	0.0096	0.0241	4			0
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	0553	0.7830	0.0140	0.7738	0.0096	0.0241	4			0
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	2055	0.6715	0.0330	0.7738	0.0096	0.0241	4			2
520.42	Chromium, ICP, Open vessel (mg / kg (ppm))	0693	28.62	1.314				2			0
520.42	Chromium, ICP, Open vessel (mg / kg (ppm))	0045	29.05	0.9000				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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520.43	Chromium, ICP, Microwave (mg / kg (ppm))	0968	24.08	0.4250				2		0	
520.43	Chromium, ICP, Microwave (mg / kg (ppm))	0510	36.74	0.3300				2		0	
520.52	Chromium, ICP-MS, Open vessel (mg / kg (ppm))	0186	22.90	1.000				1		0	
520.53	Chromium, ICP-MS, Microwave (mg / kg (ppm))	0918	23.88	0.9503	29.96	5.677	1.171	5		0	
520.53	Chromium, ICP-MS, Microwave (mg / kg (ppm))	2055	25.07	1.805	29.96	5.677	1.171	5		0	
520.53	Chromium, ICP-MS, Microwave (mg / kg (ppm))	0164	31.05	1.500	29.96	5.677	1.171	5		0	
520.53	Chromium, ICP-MS, Microwave (mg / kg (ppm))	0553	31.90	1.200	29.96	5.677	1.171	5		0	
520.53	Chromium, ICP-MS, Microwave (mg / kg (ppm))	0032	37.90	0.4000	29.96	5.677	1.171	5		0	
526.41	Lead, ICP, Dry ash (mg / kg (ppm))	0171	1.133	2.114				1		0	
526.52	Lead, ICP-MS, Open vessel (mg / kg (ppm))	0186	2.180	0.0600				2		0	
526.52	Lead, ICP-MS, Open vessel (mg / kg (ppm))	0910	2.250	0.2600				2		0	
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	0227	2.025	0.0900	2.210	0.1628	0.1003	5		0	
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	0098	2.135	0.0700	2.210	0.1628	0.1003	5		0	
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	0553	2.190	0.0200	2.210	0.1628	0.1003	5		0	
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	0918	2.236	0.0513	2.210	0.1628	0.1003	5		0	
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	0032	2.465	0.2700	2.210	0.1628	0.1003	5		0	
529.99	Mercury, Miscellaneous (µg / kg (ppb))	0186	19.00	6.000				1		0	
539.41	Nickel, ICP, Dry ash (mg / kg (ppm))	0171	13.28	1.460				1		0	
539.42	Nickel, ICP, Open vessel (mg / kg (ppm))	0186	6.950	0.4800				1		0	
539.52	Nickel, ICP-MS, Open vessel (mg / kg (ppm))	0186	11.25	0.7000				1		0	
539.53	Nickel, ICP-MS, Microwave (mg / kg (ppm))	0918	13.35	1.776				2		0	
539.53	Nickel, ICP-MS, Microwave (mg / kg (ppm))	0553	16.30	0.2000				2		0	
702.00	Butyric Acid (4:0), Miscellaneous GC (%)	0619	0.0055	0.0010				1		0	
704.00	Caproic Acid (6:0) , Miscellaneous GC (%)	0619	0.0440	0.0160				1		0	
706.01	Caprylic acid (8:0), Direct Methylation by Alkali Hydrolysis	0619	0.0050	0.0020				1		0	
708.01	Capric acid (10:0), Direct Methylation by Alkali Hydrolysis	0619	0.0005	0.0010				0		4	
710.01	Lauric Acid (12:0), Direct Methylation by Alkali Hydrolysis	0619	0.0320	0.0280				1		0	
710.99	Lauric Acid (12:0), Miscellaneous (%) (w/w)	0226	0.0020	0.0003				2		0	
710.99	Lauric Acid (12:0), Miscellaneous (%) (w/w)	0676	0.0075	0.0010				2		0	
710.99	Lauric Acid (12:0), Miscellaneous (%) (w/w)	0164	< 0.02					2		5	
714.01	Myristic Acid (14:0) , Direct Methylation by Alkali Hydrolysi	0619	0.0365	0.0310				1		0	
714.99	Myristic Acid (14:0) , Miscellaneous (%) (w/w)	0226	0.0060	0.0003				1		0	
714.99	Myristic Acid (14:0) , Miscellaneous (%) (w/w)	0164	< 0.02					1		5	
716.01	Palmitic Acid (16:0), Direct Methylation by Alkali Hydrolysi:	0619	0.5425	0.0590				1		0	
716.99	Palmitic Acid (16:0), Miscellaneous (%) (w/w)	0226	0.4317	0.0025				2		0	
716.99	Palmitic Acid (16:0), Miscellaneous (%) (w/w)	0164	0.5950	0.1300				2		0	
718.01	Palmitoleic Acid (9c-16:1), Direct Methylation by Alkali Hyc	0619	0.0000	0.0000				0		4	
718.99	Palmitoleic Acid (9c-16:1), Miscellaneous (%) (w/w)	0676	0.0070	0.0000				2		0	
718.99	Palmitoleic Acid (9c-16:1), Miscellaneous (%) (w/w)	0226	0.0120	0.0048				2		0	
718.99	Palmitoleic Acid (9c-16:1), Miscellaneous (%) (w/w)	0164	< 0.02					2		5	
722.01	Stearic Acid (18:0), Direct Methylation by Alkali Hydrolysis	0619	0.0580	0.0260				1		0	
722.99	Stearic Acid (18:0), Miscellaneous (%) (w/w)	0226	0.0494	0.0005				1		0	

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
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724.01	Oleic Acid (9c-18:1), Direct Methylation by Alkali Hydrolysi	0619	0.3560	0.0140				1		0	
724.99	Oleic Acid (9c-18:1), Miscellaneous (% (w/w))	0226	0.3215	0.0043				2		0	
724.99	Oleic Acid (9c-18:1), Miscellaneous (% (w/w))	0164	0.5200	0.0800				2		0	
726.01	Linoleic Acid (9c,12c-18:2), Direct Methylation by Alkali Hy	0619	0.5465	0.0710				1		0	
726.02	Linoleic Acid (9c,12c-18:2), Direct Methylation by Acid-Alk	0148	0.4200	0.0000				1		0	
726.99	Linoleic Acid (9c,12c-18:2), Miscellaneous (% (w/w))	0226	0.4437	0.0183				3		0	
726.99	Linoleic Acid (9c,12c-18:2), Miscellaneous (% (w/w))	0676	0.4870	0.0060				3		0	
726.99	Linoleic Acid (9c,12c-18:2), Miscellaneous (% (w/w))	0164	0.5150	0.0700				3		0	
728.01	alpha-Linolenic Acid (9c,12c,15c-18:3), Direct Methylation	0619	0.1025	0.0430				1		0	
728.99	alpha-Linolenic Acid (9c,12c,15c-18:3), Miscellaneous (% (w/w))	0226	0.0497	0.0021				3		0	
728.99	alpha-Linolenic Acid (9c,12c,15c-18:3), Miscellaneous (% (w/w))	0164	0.0550	0.0100				3		0	
728.99	alpha-Linolenic Acid (9c,12c,15c-18:3), Miscellaneous (% (w/w))	0676	0.0625	0.0010				3		0	
730.01	Arachidic Acid (20:0), Direct Methylation by Alkali Hydrolysi	0619	0.0425	0.0210				1		0	
730.99	Arachidic Acid (20:0), Miscellaneous (% (w/w))	0226	0.0108	0.0002				1		0	
732.01	Gondoic Acid (11c-20:1), Direct Methylation by Alkali Hydr	0619	0.0375	0.0130				1		0	
732.99	Gondoic Acid (11c-20:1), Miscellaneous (% (w/w))	0226	0.0109	0.0004				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 (% (w/w))	0676	0.0120	0.0000				1		0	
738.01	Mead Acid (11c,14c,17c-20:3), Direct Methylation by Alkal	0619	0.0000	0.0000				0		4	
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	< 0.005					0		5	
742.99	Behenic Acid (22:0), Miscellaneous (% (w/w))	0226	0.0123	0.0018				1		0	
742.99	Behenic Acid (22:0), Miscellaneous (% (w/w))	0164	< 0.02					1		5	
744.01	Erucic Acid (13c-22:1), Direct Methylation by Alkali Hydrol	0619	0.0000	0.0000				0		4	
744.99	Erucic Acid (13c-22:1), Miscellaneous (% (w/w))	0226	< 0.005					0		5	
746.01	Docosapentaenoic Acid n-3 DPA (7c,10c,13c,16c,19c-22:5)	0619	0.0000	0.0000				0		4	
746.99	Docosapentaenoic Acid n-3 DPA (7c,10c,13c,16c,19c-22:5)	0226	< 0.005					0		5	
748.99	Lignoceric Acid (24:0), Miscellaneous (% (w/w))	0226	0.0113	0.0007				1		0	
750.01	Docosahexaenoic Acid DHA (4c,7c,10c,13c,16c,19c-22:6)	0619	0.0000	0.0000				0		4	
750.99	Docosahexaenoic Acid DHA (4c,7c,10c,13c,16c,19c-22:6)	0226	< 0.005					0		5	
752.01	Nervonic Acid (24:1) isomers, Direct Methylation by Alkali	0619	0.0000	0.0000				0		4	
752.99	Nervonic Acid (24:1) isomers, Miscellaneous (% (w/w))	0226	< 0.005					0		5	
754.02	Total n-3 Polyunsaturated (Omega-3) Fatty Acids, Direct M	0148	0.0600	0.0000				1		0	
754.99	Total n-3 Polyunsaturated (Omega-3) Fatty Acids, Miscell	0676	0.0600	0.0000				2		0	
754.99	Total n-3 Polyunsaturated (Omega-3) Fatty Acids, Miscell	0164	0.0650	0.0100				2		0	
756.01	Total n-6 Polyunsaturated (Omega-6) Fatty Acids, Direct M	0148	0.4200	0.0000				1		0	
756.99	Total n-6 Polyunsaturated (Omega-6) Fatty Acids, Miscell	0164	0.4950	0.0700				2		0	
756.99	Total n-6 Polyunsaturated (Omega-6) Fatty Acids, Miscell	0676	0.5000	0.0000				2		0	
758.99	Total Saturated Fatty Acids, Miscellaneous (% (w/w))	0164	0.7800	0.1600				1		0	
762.99	Total Monounsaturated Fatty Acids, Miscellaneous (% (w/w))	0164	0.5100	0.1000				1		0	
766.99	Total Polyunsaturated Fatty Acids, Miscellaneous (% (w/w))	0164	0.5750	0.0900				1		0	
770.99	Total Fat (equivalent to NLEA), Miscellaneous (% (w/w))	0164	2.025	0.3500				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			
772.99	Total Fatty Acids, Miscellaneous (% (w/w))	0226	1.361	0.0144				2		0	
772.99	Total Fatty Acids, Miscellaneous (% (w/w))	0164	1.935	0.3300				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.