



**AAFCO**  
Proficiency Testing Program



**Animal Feed Scheme**

**Swine Mineral**

**Test Material Code # 202097**

**# Labs Reporting: 157**

**# Methods Reported 307**

**Issue Date : 08/31/2020**

**Method Proficiency Testing Report**

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
001.03	Loss on Drying, Low temp. methods (%)	0868	1.960	0.0200				3			0
001.03	Loss on Drying, Low temp. methods (%)	0893	2.015	0.0300				3			0
001.03	Loss on Drying, Low temp. methods (%)	0843	2.140	0.3000				3			0
001.05	Loss on Drying, LECO (%)	0644	1.916	0.0420				1			0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0019	1.130	0.1400	1.920	0.1924	0.1226	23	-4.11	21%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0226	1.655	0.0700	1.920	0.1924	0.1226	23	-1.38	7%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0353	1.680	0.1600	1.920	0.1924	0.1226	23	-1.25	6%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0682	1.720	0.0000	1.920	0.1924	0.1226	23	-1.04	5%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0142	1.760	0.0000	1.920	0.1924	0.1226	23	-0.83	4%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0083	1.825	0.0300	1.920	0.1924	0.1226	23	-0.49	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0505	1.825	0.0900	1.920	0.1924	0.1226	23	-0.49	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0278	1.835	0.0100	1.920	0.1924	0.1226	23	-0.44	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2012	1.850	0.0200	1.920	0.1924	0.1226	23	-0.36	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2009	1.857	0.0072	1.920	0.1924	0.1226	23	-0.33	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0413	1.900	0.4000	1.920	0.1924	0.1226	23	-0.10	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0098	1.925	0.0900	1.920	0.1924	0.1226	23	0.03	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0407	1.933	0.1263	1.920	0.1924	0.1226	23	0.07	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2059	1.960	0.0200	1.920	0.1924	0.1226	23	0.21	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0045	1.970	0.5400	1.920	0.1924	0.1226	23	0.26	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0148	2.005	0.0300	1.920	0.1924	0.1226	23	0.44	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0049	2.015	0.0500	1.920	0.1924	0.1226	23	0.49	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2264	2.020	0.0060	1.920	0.1924	0.1226	23	0.52	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2109	2.095	0.1700	1.920	0.1924	0.1226	23	0.91	5%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0843	2.140	0.3000	1.920	0.1924	0.1226	23	1.14	6%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0693	2.163	0.2470	1.920	0.1924	0.1226	23	1.26	6%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0571	2.185	0.2100	1.920	0.1924	0.1226	23	1.38	7%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2259	2.400	0.1030	1.920	0.1924	0.1226	23	2.49	12%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0366	1.850	0.7000	1.920	0.1924	0.1226	23	-0.36	2%	1
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0028	8.150	0.0400	1.920	0.1924	0.1226	23	32.39	162%	2
001.99	Loss on Drying, Miscellaneous (%)	0918	1.585	0.0700	2.148	0.7026	0.1101	10	-0.80	13%	0
001.99	Loss on Drying, Miscellaneous (%)	0610	1.700	0.0000	2.148	0.7026	0.1101	10	-0.64	10%	0
001.99	Loss on Drying, Miscellaneous (%)	0510	1.700	0.2000	2.148	0.7026	0.1101	10	-0.64	10%	0
001.99	Loss on Drying, Miscellaneous (%)	0676	1.750	0.0200	2.148	0.7026	0.1101	10	-0.57	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			
001.99	Loss on Drying, Miscellaneous (%)	0560	1.755	0.1500	2.148	0.7026	0.1101	10	-0.56	9%	0
001.99	Loss on Drying, Miscellaneous (%)	0037	1.960	0.0000	2.148	0.7026	0.1101	10	-0.27	4%	0
001.99	Loss on Drying, Miscellaneous (%)	0656	1.960	0.0000	2.148	0.7026	0.1101	10	-0.27	4%	0
001.99	Loss on Drying, Miscellaneous (%)	2268	2.855	0.0900	2.148	0.7026	0.1101	10	1.01	16%	0
001.99	Loss on Drying, Miscellaneous (%)	2081	3.010	0.2200	2.148	0.7026	0.1101	10	1.23	20%	0
001.99	Loss on Drying, Miscellaneous (%)	0357	14.82	0.3508	2.148	0.7026	0.1101	10	18.03	295%	0
002.00	Protein, Crude, Crude (%)	0169	1.205	0.0300				1			0
002.01	Protein, Crude, Auto Kjell-Foss (%)	0610	1.315	0.0300	1.684	0.4594	0.0667	6	-0.80	11%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	0870	1.404	0.0900	1.684	0.4594	0.0667	6	-0.61	8%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	0164	1.505	0.2500	1.684	0.4594	0.0667	6	-0.39	5%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	2322	1.540	0.0200	1.684	0.4594	0.0667	6	-0.31	4%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	0685	1.965	0.0100	1.684	0.4594	0.0667	6	0.61	8%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	0656	2.810	0.0000	1.684	0.4594	0.0667	6	2.45	33%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2006	1.275	0.0500	1.426	0.1232	0.0468	5			0
002.05	Protein, Crude, Copper, Boric Acid (%)	2264	1.322	0.0430	1.426	0.1232	0.0468	5			0
002.05	Protein, Crude, Copper, Boric Acid (%)	2073	1.455	0.0500	1.426	0.1232	0.0468	5			0
002.05	Protein, Crude, Copper, Boric Acid (%)	0881	1.524	0.0010	1.426	0.1232	0.0468	5			0
002.05	Protein, Crude, Copper, Boric Acid (%)	2109	1.555	0.0900	1.426	0.1232	0.0468	5			0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0953	0.6993	0.0190	1.424	0.1585	0.0569	40	-4.57	25%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2059	1.158	0.0094	1.424	0.1585	0.0569	40	-1.68	9%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0650	1.170	0.1200	1.424	0.1585	0.0569	40	-1.60	9%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0598	1.215	0.0500	1.424	0.1585	0.0569	40	-1.32	7%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0539	1.265	0.0700	1.424	0.1585	0.0569	40	-1.01	6%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0687	1.275	0.1500	1.424	0.1585	0.0569	40	-0.94	5%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0366	1.300	0.0000	1.424	0.1585	0.0569	40	-0.78	4%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0676	1.310	0.0000	1.424	0.1585	0.0569	40	-0.72	4%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0859	1.313	0.0265	1.424	0.1585	0.0569	40	-0.70	4%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0083	1.315	0.0100	1.424	0.1585	0.0569	40	-0.69	4%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0202	1.345	0.0700	1.424	0.1585	0.0569	40	-0.50	3%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0520	1.350	0.1000	1.424	0.1585	0.0569	40	-0.47	3%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0956	1.350	0.1000	1.424	0.1585	0.0569	40	-0.47	3%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0693	1.359	0.1830	1.424	0.1585	0.0569	40	-0.42	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0358	1.365	0.0500	1.424	0.1585	0.0569	40	-0.37	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0571	1.370	0.0600	1.424	0.1585	0.0569	40	-0.34	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0610	1.380	0.0600	1.424	0.1585	0.0569	40	-0.28	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0265	1.385	0.0700	1.424	0.1585	0.0569	40	-0.25	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0309	1.390	0.0228	1.424	0.1585	0.0569	40	-0.22	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0870	1.394	0.0557	1.424	0.1585	0.0569	40	-0.19	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2150	1.395	0.0100	1.424	0.1585	0.0569	40	-0.19	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0353	1.405	0.0500	1.424	0.1585	0.0569	40	-0.12	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0644	1.414	0.0020	1.424	0.1585	0.0569	40	-0.07	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0880	1.425	0.0300	1.424	0.1585	0.0569	40	0.00	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 (%)	0148	1.440	0.0000	1.424	0.1585	0.0569	40	0.10	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0541	1.445	0.0900	1.424	0.1585	0.0569	40	0.13	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2089	1.495	0.0100	1.424	0.1585	0.0569	40	0.45	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2213	1.513	0.0150	1.424	0.1585	0.0569	40	0.56	3%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0574	1.520	0.0600	1.424	0.1585	0.0569	40	0.60	3%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0407	1.541	0.0240	1.424	0.1585	0.0569	40	0.74	4%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0918	1.570	0.0200	1.424	0.1585	0.0569	40	0.92	5%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0037	1.575	0.1700	1.424	0.1585	0.0569	40	0.95	5%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2076	1.575	0.1300	1.424	0.1585	0.0569	40	0.95	5%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0692	1.590	0.1800	1.424	0.1585	0.0569	40	1.04	6%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0425	1.590	0.0600	1.424	0.1585	0.0569	40	1.04	6%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2184	1.595	0.0500	1.424	0.1585	0.0569	40	1.08	6%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2109	1.695	0.0500	1.424	0.1585	0.0569	40	1.71	9%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0682	1.800	0.0000	1.424	0.1585	0.0569	40	2.37	13%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0843	2.405	0.0300	1.424	0.1585	0.0569	40	6.19	34%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0028	9.095	0.0700	1.424	0.1585	0.0569	40	48.39	269%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2268	1.170	0.5200	1.424	0.1585	0.0569	40	-1.60	9%	1
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0589	1.390	0.4400	1.424	0.1585	0.0569	40	-0.22	1%	1
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2081	62.19	0.3400	1.424	0.1585	0.0569	40	383.31	2133%	2
002.08	Protein, Crude, Cu/Ti (%)	0563	1.179	0.0896				1			0
002.11	Protein, Crude, NIR (%)	2290	16.76	0.1700				1			0
002.99	Protein, Crude, Miscellaneous (%)	0643	2.245	0.0700				1			0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2109	0.7450	0.0300				2			0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2322	2.440	0.0400				2			0
003.01	Fat, Crude, Diethyl Ether Ext (13th ed.), Indirect (%)	0164	0.9600	0.0000				1			0
003.06	Fat, Crude, Pet Ether (%)	0425	0.5700	0.2200	0.7658	0.1798	0.0708	6	-1.09	13%	0
003.06	Fat, Crude, Pet Ether (%)	2268	0.6000	0.0400	0.7658	0.1798	0.0708	6	-0.92	11%	0
003.06	Fat, Crude, Pet Ether (%)	0644	0.7345	0.0250	0.7658	0.1798	0.0708	6	-0.17	2%	0
003.06	Fat, Crude, Pet Ether (%)	0918	0.8300	0.0400	0.7658	0.1798	0.0708	6	0.36	4%	0
003.06	Fat, Crude, Pet Ether (%)	0682	0.9100	0.0000	0.7658	0.1798	0.0708	6	0.80	9%	0
003.06	Fat, Crude, Pet Ether (%)	0687	0.9500	0.1000	0.7658	0.1798	0.0708	6	1.02	12%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0685	1.035	0.0100				3			0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0353	1.080	0.0600				3			0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0870	1.444	0.0154				3			0
003.10	Fat, Crude, Randall, Pet Ether (%)	2073	0.3650	0.0100	0.6601	0.1117	0.0365	8	-2.64	22%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2184	0.5900	0.0200	0.6601	0.1117	0.0365	8	-0.63	5%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0148	0.6000	0.0000	0.6601	0.1117	0.0365	8	-0.54	5%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0693	0.6215	0.0570	0.6601	0.1117	0.0365	8	-0.35	3%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0881	0.7110	0.0760	0.6601	0.1117	0.0365	8	0.46	4%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0366	0.7500	0.1000	0.6601	0.1117	0.0365	8	0.80	7%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0541	0.7550	0.0100	0.6601	0.1117	0.0365	8	0.85	7%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0870	0.7608	0.0188	0.6601	0.1117	0.0365	8	0.90	8%	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			
003.13	Fat, Crude, Randall, Hexane Ext. (%)	2089	0.5600	0.0000	0.6858	0.1255	0.0720	4			0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	0208	0.6075	0.1510	0.6858	0.1255	0.0720	4			0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	0870	0.7406	0.0870	0.6858	0.1255	0.0720	4			0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	2006	0.8350	0.0500	0.6858	0.1255	0.0720	4			0
003.14	Fat, Crude, Ankom (%)	0037	0.3500	0.0200	0.6620	0.1221	0.0429	13	-2.56	24%	0
003.14	Fat, Crude, Ankom (%)	0358	0.5450	0.0500	0.6620	0.1221	0.0429	13	-0.96	9%	0
003.14	Fat, Crude, Ankom (%)	2076	0.5991	0.0646	0.6620	0.1221	0.0429	13	-0.51	5%	0
003.14	Fat, Crude, Ankom (%)	0956	0.6000	0.0000	0.6620	0.1221	0.0429	13	-0.51	5%	0
003.14	Fat, Crude, Ankom (%)	0407	0.6091	0.0599	0.6620	0.1221	0.0429	13	-0.43	4%	0
003.14	Fat, Crude, Ankom (%)	0574	0.6450	0.0700	0.6620	0.1221	0.0429	13	-0.14	1%	0
003.14	Fat, Crude, Ankom (%)	0202	0.6485	0.0030	0.6620	0.1221	0.0429	13	-0.11	1%	0
003.14	Fat, Crude, Ankom (%)	0692	0.6500	0.1000	0.6620	0.1221	0.0429	13	-0.10	1%	0
003.14	Fat, Crude, Ankom (%)	0148	0.6550	0.0100	0.6620	0.1221	0.0429	13	-0.06	1%	0
003.14	Fat, Crude, Ankom (%)	0598	0.7250	0.0300	0.6620	0.1221	0.0429	13	0.52	5%	0
003.14	Fat, Crude, Ankom (%)	0265	0.7600	0.1000	0.6620	0.1221	0.0429	13	0.80	7%	0
003.14	Fat, Crude, Ankom (%)	0520	0.8450	0.0500	0.6620	0.1221	0.0429	13	1.50	14%	0
003.14	Fat, Crude, Ankom (%)	0682	1.000	0.0000	0.6620	0.1221	0.0429	13	2.77	26%	0
003.99	Fat, Crude, Miscellaneous (%)	0656	1.250	0.0000				1			0
003.99	Fat, Crude, Miscellaneous (%)	0880	0.0000	0.0000				1			4
004.00	Fiber, Crude, Asbestos Free (%)	0164	0.9000	0.2000	2.415	1.363	0.2040	6	-1.11	31%	0
004.00	Fiber, Crude, Asbestos Free (%)	2264	1.150	0.1369	2.415	1.363	0.2040	6	-0.93	26%	0
004.00	Fiber, Crude, Asbestos Free (%)	2073	2.590	0.0600	2.415	1.363	0.2040	6	0.13	4%	0
004.00	Fiber, Crude, Asbestos Free (%)	2076	2.622	0.1270	2.415	1.363	0.2040	6	0.15	4%	0
004.00	Fiber, Crude, Asbestos Free (%)	0208	3.180	0.4000	2.415	1.363	0.2040	6	0.56	16%	0
004.00	Fiber, Crude, Asbestos Free (%)	0425	4.050	0.3000	2.415	1.363	0.2040	6	1.20	34%	0
004.01	Fiber, Crude, Sing Filt (%)	0366	2.400	0.8000				1			0
004.03	Fiber, Crude, Fritted Glass (%)	0353	1.000	0.0400				2			0
004.03	Fiber, Crude, Fritted Glass (%)	2089	1.235	0.1500				2			0
004.06	Fiber, Crude, Fibertec (%)	0918	0.8800	0.0200				2			0
004.06	Fiber, Crude, Fibertec (%)	2006	0.8800	0.1000				2			0
004.07	Fiber, Crude, ANKOM (%)	0407	0.2543	0.0588	2.553	1.619	0.1723	15	-1.42	45%	0
004.07	Fiber, Crude, ANKOM (%)	0265	0.7900	0.2000	2.553	1.619	0.1723	15	-1.09	35%	0
004.07	Fiber, Crude, ANKOM (%)	0656	1.250	0.0000	2.553	1.619	0.1723	15	-0.80	26%	0
004.07	Fiber, Crude, ANKOM (%)	0956	1.450	0.7000	2.553	1.619	0.1723	15	-0.68	22%	0
004.07	Fiber, Crude, ANKOM (%)	0644	1.542	0.0310	2.553	1.619	0.1723	15	-0.62	20%	0
004.07	Fiber, Crude, ANKOM (%)	0563	1.804	0.0001	2.553	1.619	0.1723	15	-0.46	15%	0
004.07	Fiber, Crude, ANKOM (%)	0881	2.489	0.3720	2.553	1.619	0.1723	15	-0.04	1%	0
004.07	Fiber, Crude, ANKOM (%)	0870	2.506	0.1233	2.553	1.619	0.1723	15	-0.03	1%	0
004.07	Fiber, Crude, ANKOM (%)	2109	2.555	0.0300	2.553	1.619	0.1723	15	0.00	0%	0
004.07	Fiber, Crude, ANKOM (%)	0692	2.900	0.4000	2.553	1.619	0.1723	15	0.21	7%	0
004.07	Fiber, Crude, ANKOM (%)	0643	3.150	0.2200	2.553	1.619	0.1723	15	0.37	12%	0
004.07	Fiber, Crude, ANKOM (%)	0520	3.550	0.1000	2.553	1.619	0.1723	15	0.62	20%	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 (%)	0598	4.095	0.0500	2.553	1.619	0.1723	15	0.95	30%	0
004.07	Fiber, Crude, ANKOM (%)	0028	14.35	0.3000	2.553	1.619	0.1723	15	7.28	231%	0
004.07	Fiber, Crude, ANKOM (%)	0682	55.70	0.0000	2.553	1.619	0.1723	15	32.82	1041%	0
004.11	Fiber, Crude, NIR (%)	2290	3.700	0.2000				1			0
005.00	Ash, 2h @ 600°C (%)	0539	75.51	2.400	81.71	1.333	0.4171	48	-4.65	4%	0
005.00	Ash, 2h @ 600°C (%)	2184	77.66	1.520	81.71	1.333	0.4171	48	-3.04	2%	0
005.00	Ash, 2h @ 600°C (%)	0918	77.99	1.290	81.71	1.333	0.4171	48	-2.79	2%	0
005.00	Ash, 2h @ 600°C (%)	0144	78.50	1.000	81.71	1.333	0.4171	48	-2.41	2%	0
005.00	Ash, 2h @ 600°C (%)	0650	79.50	0.8000	81.71	1.333	0.4171	48	-1.66	1%	0
005.00	Ash, 2h @ 600°C (%)	2268	79.51	0.2000	81.71	1.333	0.4171	48	-1.65	1%	0
005.00	Ash, 2h @ 600°C (%)	0598	80.01	0.1700	81.71	1.333	0.4171	48	-1.28	1%	0
005.00	Ash, 2h @ 600°C (%)	0142	80.14	0.5200	81.71	1.333	0.4171	48	-1.18	1%	0
005.00	Ash, 2h @ 600°C (%)	0953	80.40	0.2100	81.71	1.333	0.4171	48	-0.99	1%	0
005.00	Ash, 2h @ 600°C (%)	0956	80.45	0.1000	81.71	1.333	0.4171	48	-0.95	1%	0
005.00	Ash, 2h @ 600°C (%)	0870	80.61	0.1810	81.71	1.333	0.4171	48	-0.83	1%	0
005.00	Ash, 2h @ 600°C (%)	0242	80.69	0.1000	81.71	1.333	0.4171	48	-0.77	1%	0
005.00	Ash, 2h @ 600°C (%)	0682	81.05	0.0000	81.71	1.333	0.4171	48	-0.50	0%	0
005.00	Ash, 2h @ 600°C (%)	0589	81.18	0.1000	81.71	1.333	0.4171	48	-0.40	0%	0
005.00	Ash, 2h @ 600°C (%)	0164	81.19	0.1600	81.71	1.333	0.4171	48	-0.39	0%	0
005.00	Ash, 2h @ 600°C (%)	0656	81.23	0.0000	81.71	1.333	0.4171	48	-0.36	0%	0
005.00	Ash, 2h @ 600°C (%)	0366	81.30	0.2000	81.71	1.333	0.4171	48	-0.31	0%	0
005.00	Ash, 2h @ 600°C (%)	0574	81.35	0.6800	81.71	1.333	0.4171	48	-0.27	0%	0
005.00	Ash, 2h @ 600°C (%)	2073	81.37	0.1800	81.71	1.333	0.4171	48	-0.26	0%	0
005.00	Ash, 2h @ 600°C (%)	0425	81.55	0.4000	81.71	1.333	0.4171	48	-0.12	0%	0
005.00	Ash, 2h @ 600°C (%)	0083	81.91	0.0400	81.71	1.333	0.4171	48	0.15	0%	0
005.00	Ash, 2h @ 600°C (%)	0148	81.95	0.0100	81.71	1.333	0.4171	48	0.18	0%	0
005.00	Ash, 2h @ 600°C (%)	2150	81.96	0.9200	81.71	1.333	0.4171	48	0.19	0%	0
005.00	Ash, 2h @ 600°C (%)	2006	82.01	0.3500	81.71	1.333	0.4171	48	0.22	0%	0
005.00	Ash, 2h @ 600°C (%)	2196	82.11	0.0000	81.71	1.333	0.4171	48	0.30	0%	0
005.00	Ash, 2h @ 600°C (%)	0108	82.18	0.4200	81.71	1.333	0.4171	48	0.35	0%	0
005.00	Ash, 2h @ 600°C (%)	0407	82.19	1.117	81.71	1.333	0.4171	48	0.36	0%	0
005.00	Ash, 2h @ 600°C (%)	0226	82.19	0.6800	81.71	1.333	0.4171	48	0.36	0%	0
005.00	Ash, 2h @ 600°C (%)	0358	82.20	0.2600	81.71	1.333	0.4171	48	0.37	0%	0
005.00	Ash, 2h @ 600°C (%)	2259	82.21	0.1170	81.71	1.333	0.4171	48	0.38	0%	0
005.00	Ash, 2h @ 600°C (%)	0353	82.22	0.0400	81.71	1.333	0.4171	48	0.38	0%	0
005.00	Ash, 2h @ 600°C (%)	0643	82.23	0.8500	81.71	1.333	0.4171	48	0.39	0%	0
005.00	Ash, 2h @ 600°C (%)	0354	82.26	0.0700	81.71	1.333	0.4171	48	0.41	0%	0
005.00	Ash, 2h @ 600°C (%)	2076	82.30	0.1016	81.71	1.333	0.4171	48	0.44	0%	0
005.00	Ash, 2h @ 600°C (%)	0045	82.30	0.2000	81.71	1.333	0.4171	48	0.44	0%	0
005.00	Ash, 2h @ 600°C (%)	0881	82.36	0.0960	81.71	1.333	0.4171	48	0.49	0%	0
005.00	Ash, 2h @ 600°C (%)	0948	82.48	0.0200	81.71	1.333	0.4171	48	0.58	0%	0
005.00	Ash, 2h @ 600°C (%)	0510	82.63	0.1700	81.71	1.333	0.4171	48	0.69	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
005.00	Ash, 2h @ 600°C (%)	0693	82.64	0.1400	81.71	1.333	0.4171	48	0.69	1%	0
005.00	Ash, 2h @ 600°C (%)	2188	82.64	0.0800	81.71	1.333	0.4171	48	0.70	1%	0
005.00	Ash, 2h @ 600°C (%)	2264	82.67	0.2784	81.71	1.333	0.4171	48	0.72	1%	0
005.00	Ash, 2h @ 600°C (%)	0541	82.69	0.3700	81.71	1.333	0.4171	48	0.73	1%	0
005.00	Ash, 2h @ 600°C (%)	0265	82.95	0.7000	81.71	1.333	0.4171	48	0.93	1%	0
005.00	Ash, 2h @ 600°C (%)	0880	83.40	0.2000	81.71	1.333	0.4171	48	1.27	1%	0
005.00	Ash, 2h @ 600°C (%)	0563	83.56	0.5152	81.71	1.333	0.4171	48	1.39	1%	0
005.00	Ash, 2h @ 600°C (%)	0309	83.86	0.0630	81.71	1.333	0.4171	48	1.61	1%	0
005.00	Ash, 2h @ 600°C (%)	0520	84.24	0.2400	81.71	1.333	0.4171	48	1.90	2%	0
005.00	Ash, 2h @ 600°C (%)	2089	84.71	1.760	81.71	1.333	0.4171	48	2.25	2%	0
005.00	Ash, 2h @ 600°C (%)	0019	78.40	7.200	81.71	1.333	0.4171	48	-2.48	2%	1
005.00	Ash, 2h @ 600°C (%)	2322	62.70	0.0500	81.71	1.333	0.4171	48	-14.26	12%	2
005.02	Ash, LECO (%)	0644	82.83	0.5600				1			0
005.05	Ash, 3h @ 550°C (%)	0893	81.26	0.0600	82.90	0.8639	0.2608	13	-1.90	1%	0
005.05	Ash, 3h @ 550°C (%)	0689	81.92	0.2600	82.90	0.8639	0.2608	13	-1.14	1%	0
005.05	Ash, 3h @ 550°C (%)	0683	82.02	0.4200	82.90	0.8639	0.2608	13	-1.02	1%	0
005.05	Ash, 3h @ 550°C (%)	0590	82.25	0.2000	82.90	0.8639	0.2608	13	-0.76	0%	0
005.05	Ash, 3h @ 550°C (%)	2009	82.79	0.0035	82.90	0.8639	0.2608	13	-0.13	0%	0
005.05	Ash, 3h @ 550°C (%)	2109	82.89	0.7400	82.90	0.8639	0.2608	13	-0.02	0%	0
005.05	Ash, 3h @ 550°C (%)	2012	82.95	0.3600	82.90	0.8639	0.2608	13	0.05	0%	0
005.05	Ash, 3h @ 550°C (%)	0685	83.28	0.0100	82.90	0.8639	0.2608	13	0.43	0%	0
005.05	Ash, 3h @ 550°C (%)	2264	83.34	0.2272	82.90	0.8639	0.2608	13	0.50	0%	0
005.05	Ash, 3h @ 550°C (%)	0868	83.47	0.1100	82.90	0.8639	0.2608	13	0.65	0%	0
005.05	Ash, 3h @ 550°C (%)	0610	83.50	0.2000	82.90	0.8639	0.2608	13	0.69	0%	0
005.05	Ash, 3h @ 550°C (%)	0692	83.55	0.3000	82.90	0.8639	0.2608	13	0.75	0%	0
005.05	Ash, 3h @ 550°C (%)	2246	84.20	0.5000	82.90	0.8639	0.2608	13	1.50	1%	0
005.11	Ash, NIR (%)	2290	6.000	0.0000				1			0
005.99	Ash, Miscellaneous (%)	0536	81.63	0.1000				2			0
005.99	Ash, Miscellaneous (%)	0202	83.23	0.2000				2			0
005.99	Ash, Miscellaneous (%)	0676	85.89	1.390				2			1
005.99	Ash, Miscellaneous (%)	2081	1.690	0.0200				2			2
006.99	Total Sugars, Miscellaneous (%)	2290	2.850	0.3000				1			0
006.99	Total Sugars, Miscellaneous (%)	0956	< 0.5					1			5
008.02	Fiber, Acid Detergent, Crucible (%)	0148	2.360	0.2200				2			0
008.02	Fiber, Acid Detergent, Crucible (%)	0353	10.35	1.300				2			0
008.05	Fiber, Acid Detergent, Acid Detergent-Hach (%)	0265	3.945	0.5100				1			0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0407	1.608	0.1105				3			0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0870	6.522	2.591				3			0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0037	36.10	10.98				3			0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0956	< 1.5					3			5
008.99	Fiber, Acid Detergent, Miscellaneous (%)	2290	5.600	0.2000				1			0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0353	25.80	0.0300				1			0

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009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0870	1.643	0.0791	2.898	1.462	0.3804	6	-0.86	22%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0598	1.745	0.0700	2.898	1.462	0.3804	6	-0.79	20%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0037	2.600	0.6400	2.898	1.462	0.3804	6	-0.20	5%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0407	2.719	0.8682	2.898	1.462	0.3804	6	-0.12	3%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0918	3.590	0.3251	2.898	1.462	0.3804	6	0.47	12%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0265	11.05	0.3000	2.898	1.462	0.3804	6	5.57	141%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0956	< 1.5		2.898	1.462	0.3804	6			5
009.99	Fiber, Neutral Detergent, Miscellaneous (%)	2290	14.30	1.000				1			0
010.03	Moisture, Karl-Fischer (%)	0164	2.070	0.0600				2			0
010.03	Moisture, Karl-Fischer (%)	0843	3.615	0.0300				2			0
010.11	Moisture, NIR (%)	2290	11.13	0.0600				1			0
010.99	Moisture, Miscellaneous (%)	2089	1.720	0.0200	2.102	0.3681	0.0700	6	-1.04	9%	0
010.99	Moisture, Miscellaneous (%)	0939	1.905	0.0500	2.102	0.3681	0.0700	6	-0.53	5%	0
010.99	Moisture, Miscellaneous (%)	2150	1.970	0.0800	2.102	0.3681	0.0700	6	-0.36	3%	0
010.99	Moisture, Miscellaneous (%)	0692	2.015	0.1300	2.102	0.3681	0.0700	6	-0.24	2%	0
010.99	Moisture, Miscellaneous (%)	2076	2.490	0.0600	2.102	0.3681	0.0700	6	1.06	9%	0
010.99	Moisture, Miscellaneous (%)	2043	2.510	0.0800	2.102	0.3681	0.0700	6	1.11	10%	0
011.01	Loss on Drying, 135°C 2hr (%)	0520	1.150	0.1000	3.222	0.4999	0.1122	34	-4.15	32%	0
011.01	Loss on Drying, 135°C 2hr (%)	0650	1.860	0.0800	3.222	0.4999	0.1122	34	-2.73	21%	0
011.01	Loss on Drying, 135°C 2hr (%)	0598	2.325	0.0100	3.222	0.4999	0.1122	34	-1.79	14%	0
011.01	Loss on Drying, 135°C 2hr (%)	0226	2.605	0.0100	3.222	0.4999	0.1122	34	-1.23	10%	0
011.01	Loss on Drying, 135°C 2hr (%)	0859	2.657	0.0820	3.222	0.4999	0.1122	34	-1.13	9%	0
011.01	Loss on Drying, 135°C 2hr (%)	0425	2.700	0.1000	3.222	0.4999	0.1122	34	-1.04	8%	0
011.01	Loss on Drying, 135°C 2hr (%)	0870	2.830	0.1990	3.222	0.4999	0.1122	34	-0.78	6%	0
011.01	Loss on Drying, 135°C 2hr (%)	2196	2.890	0.0000	3.222	0.4999	0.1122	34	-0.66	5%	0
011.01	Loss on Drying, 135°C 2hr (%)	0294	2.900	0.0000	3.222	0.4999	0.1122	34	-0.64	5%	0
011.01	Loss on Drying, 135°C 2hr (%)	2188	2.995	0.0100	3.222	0.4999	0.1122	34	-0.45	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	2322	2.995	0.0500	3.222	0.4999	0.1122	34	-0.45	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	0682	3.070	0.0000	3.222	0.4999	0.1122	34	-0.30	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0953	3.115	0.0500	3.222	0.4999	0.1122	34	-0.21	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0098	3.135	0.2500	3.222	0.4999	0.1122	34	-0.17	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0510	3.150	0.1000	3.222	0.4999	0.1122	34	-0.14	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	2006	3.200	0.3000	3.222	0.4999	0.1122	34	-0.04	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0164	3.205	0.1300	3.222	0.4999	0.1122	34	-0.03	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0541	3.210	0.3200	3.222	0.4999	0.1122	34	-0.02	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	2268	3.215	0.1100	3.222	0.4999	0.1122	34	-0.01	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0881	3.286	0.1930	3.222	0.4999	0.1122	34	0.13	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0574	3.310	0.2000	3.222	0.4999	0.1122	34	0.18	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0539	3.330	0.0600	3.222	0.4999	0.1122	34	0.22	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0265	3.350	0.1000	3.222	0.4999	0.1122	34	0.26	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0589	3.465	0.2500	3.222	0.4999	0.1122	34	0.49	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	2073	3.465	0.0700	3.222	0.4999	0.1122	34	0.49	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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011.01	Loss on Drying, 135°C 2hr (%)	0358	3.550	0.0400	3.222	0.4999	0.1122	34	0.66	5%	0
011.01	Loss on Drying, 135°C 2hr (%)	0202	3.560	0.2400	3.222	0.4999	0.1122	34	0.68	5%	0
011.01	Loss on Drying, 135°C 2hr (%)	0643	3.700	0.2000	3.222	0.4999	0.1122	34	0.96	7%	0
011.01	Loss on Drying, 135°C 2hr (%)	2184	3.705	0.0500	3.222	0.4999	0.1122	34	0.97	7%	0
011.01	Loss on Drying, 135°C 2hr (%)	0843	3.755	0.3100	3.222	0.4999	0.1122	34	1.07	8%	0
011.01	Loss on Drying, 135°C 2hr (%)	0407	3.885	0.0294	3.222	0.4999	0.1122	34	1.33	10%	0
011.01	Loss on Drying, 135°C 2hr (%)	0563	3.960	0.0799	3.222	0.4999	0.1122	34	1.48	11%	0
011.01	Loss on Drying, 135°C 2hr (%)	0880	4.045	0.0700	3.222	0.4999	0.1122	34	1.65	13%	0
011.01	Loss on Drying, 135°C 2hr (%)	0685	7.830	0.0200	3.222	0.4999	0.1122	34	9.22	72%	0
011.02	Loss on Drying, 130°C for 2 hours (%)	0942	3.135	0.3900				1			0
011.99	Loss on Drying, High Temp. Methods Miscellaneous (%)	0857	3.400	0.0000				1			0
012.00	Starch, Polarimetric (Ewers) (%)	2006	0.8400	0.0400				1			0
012.00	Starch, Polarimetric (Ewers) (%)	0164	< 1					1			5
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0693	0.5175	0.1230	1.595	1.216	0.1410	7	-0.89	34%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0870	0.6547	0.0157	1.595	1.216	0.1410	7	-0.77	29%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0956	0.7000	0.0000	1.595	1.216	0.1410	7	-0.74	28%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	2089	1.515	0.2500	1.595	1.216	0.1410	7	-0.07	3%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0164	1.850	0.1000	1.595	1.216	0.1410	7	0.21	8%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0265	2.625	0.1700	1.595	1.216	0.1410	7	0.85	32%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0918	3.303	0.3280	1.595	1.216	0.1410	7	1.40	54%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0148	< 0.9		1.595	1.216	0.1410	7			5
012.03	Starch, Enzymatic-Colorimetric Method, Miscellaneous (%)	0407	0.8377	0.0037				1			0
012.11	Starch, NIR (%)	2290	42.05	1.300				1			0
012.20	Starch, Dietary, Enzymatic-Colorimetric (%)	0353	0.3800	0.0800				1			0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	2073	1.095	0.0900	1.580	0.5405	0.0557	5			0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0202	1.310	0.0200	1.580	0.5405	0.0557	5			0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0541	1.425	0.0500	1.580	0.5405	0.0557	5			0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	2150	1.575	0.1100	1.580	0.5405	0.0557	5			0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	2076	2.495	0.0086	1.580	0.5405	0.0557	5			0
013.02	Fat, Acid Pretreat, Mojonier, Bak Ext (%)	0650	0.5850	0.2300	1.307	0.4864	0.0760	10	-1.48	28%	0
013.02	Fat, Acid Pretreat, Mojonier, Bak Ext (%)	0676	0.7900	0.0000	1.307	0.4864	0.0760	10	-1.06	20%	0
013.02	Fat, Acid Pretreat, Mojonier, Bak Ext (%)	0682	1.120	0.0000	1.307	0.4864	0.0760	10	-0.38	7%	0
013.02	Fat, Acid Pretreat, Mojonier, Bak Ext (%)	0870	1.175	0.0600	1.307	0.4864	0.0760	10	-0.27	5%	0
013.02	Fat, Acid Pretreat, Mojonier, Bak Ext (%)	0656	1.180	0.0000	1.307	0.4864	0.0760	10	-0.26	5%	0
013.02	Fat, Acid Pretreat, Mojonier, Bak Ext (%)	0164	1.440	0.0400	1.307	0.4864	0.0760	10	0.27	5%	0
013.02	Fat, Acid Pretreat, Mojonier, Bak Ext (%)	2264	1.490	0.0359	1.307	0.4864	0.0760	10	0.38	7%	0
013.02	Fat, Acid Pretreat, Mojonier, Bak Ext (%)	0208	1.560	0.2000	1.307	0.4864	0.0760	10	0.52	10%	0
013.02	Fat, Acid Pretreat, Mojonier, Bak Ext (%)	0643	1.695	0.1100	1.307	0.4864	0.0760	10	0.80	15%	0
013.02	Fat, Acid Pretreat, Mojonier, Bak Ext (%)	2259	3.306	0.0840	1.307	0.4864	0.0760	10	4.11	76%	0
013.10	Fat, Acid Pretreat, Soxtec-Acid Hydrolysis (%)	0353	1.320	0.0200				1			0
013.12	Fat, Acid Pretreat, NIR- Acid Hydrolysis (%)	2290	2.800	0.0000				1			0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0407	0.7269	1.055				3			0



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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0265	2.785	0.7100				3			0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0843	6.355	0.6900				3			0
015.41	Aluminum, ICP, Dry ash (ppm)	0171	859.7	5.100	1,332	311.6	33.97	5			0
015.41	Aluminum, ICP, Dry ash (ppm)	0407	1,288	65.87	1,332	311.6	33.97	5			0
015.41	Aluminum, ICP, Dry ash (ppm)	0164	1,380	31.00	1,332	311.6	33.97	5			0
015.41	Aluminum, ICP, Dry ash (ppm)	0049	1,408	41.90	1,332	311.6	33.97	5			0
015.41	Aluminum, ICP, Dry ash (ppm)	0520	1,726	26.00	1,332	311.6	33.97	5			0
015.42	Aluminum, ICP, Open vessel (ppm)	0037	1,247	23.80				2			0
015.42	Aluminum, ICP, Open vessel (ppm)	2129	1,306	65.00				2			0
015.43	Aluminum, ICP, Microwave (ppm)	0510	1,320	4.000	1,502	153.5	14.91	4			0
015.43	Aluminum, ICP, Microwave (ppm)	0407	1,444	26.62	1,502	153.5	14.91	4			0
015.43	Aluminum, ICP, Microwave (ppm)	0353	1,568	29.00	1,502	153.5	14.91	4			0
015.43	Aluminum, ICP, Microwave (ppm)	0425	1,675	0.0000	1,502	153.5	14.91	4			0
015.43	Aluminum, ICP, Microwave (ppm)	0169	1,465	0.0100	1,502	153.5	14.91	4			2
015.53	Aluminum, ICP-MS, Microwave (ppm)	0015	1,400	61.36				3			0
015.53	Aluminum, ICP-MS, Microwave (ppm)	0553	1,650	80.00				3			0
015.53	Aluminum, ICP-MS, Microwave (ppm)	0939	1,790	91.00				3			0
017.41	Boron, ICP, Dry ash (ppm)	0407	17.69	0.8759				3			0
017.41	Boron, ICP, Dry ash (ppm)	0358	19.56	0.4800				3			0
017.41	Boron, ICP, Dry ash (ppm)	0049	22.01	0.8500				3			0
017.42	Boron, ICP, Open vessel (ppm)	0693	19.89	2.444	30.27	13.05	2.151	5			0
017.42	Boron, ICP, Open vessel (ppm)	0037	21.70	1.000	30.27	13.05	2.151	5			0
017.42	Boron, ICP, Open vessel (ppm)	2129	23.23	3.210	30.27	13.05	2.151	5			0
017.42	Boron, ICP, Open vessel (ppm)	0294	35.80	1.400	30.27	13.05	2.151	5			0
017.42	Boron, ICP, Open vessel (ppm)	0265	50.75	2.700	30.27	13.05	2.151	5			0
017.43	Boron, ICP, Microwave (ppm)	0407	19.52	1.036	28.16	9.117	0.3577	6	-0.95	15%	0
017.43	Boron, ICP, Microwave (ppm)	0083	22.95	0.1000	28.16	9.117	0.3577	6	-0.57	9%	0
017.43	Boron, ICP, Microwave (ppm)	0345	25.70	0.8000	28.16	9.117	0.3577	6	-0.27	4%	0
017.43	Boron, ICP, Microwave (ppm)	0918	25.98	0.2100	28.16	9.117	0.3577	6	-0.24	4%	0
017.43	Boron, ICP, Microwave (ppm)	0353	33.00	0.0000	28.16	9.117	0.3577	6	0.53	9%	0
017.43	Boron, ICP, Microwave (ppm)	0510	42.00	0.0000	28.16	9.117	0.3577	6	1.52	25%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2006	25.93	0.0920	27.17	0.4415	0.1773	8	-2.82	2%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2246	26.82	0.2000	27.17	0.4415	0.1773	8	-0.80	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0893	26.89	0.0600	27.17	0.4415	0.1773	8	-0.64	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2109	27.24	0.0180	27.17	0.4415	0.1773	8	0.16	0%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0881	27.39	0.0180	27.17	0.4415	0.1773	8	0.49	0%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0878	27.40	0.6000	27.17	0.4415	0.1773	8	0.52	0%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2144	27.49	0.2400	27.17	0.4415	0.1773	8	0.72	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0683	27.64	0.1900	27.17	0.4415	0.1773	8	1.05	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2302	26.66	3.120	27.17	0.4415	0.1773	8	-1.16	1%	1
019.08	Calcium, EDTA (%)	0689	26.71	0.0800	27.82	0.8691	0.4989	5			0
019.08	Calcium, EDTA (%)	2196	27.33	0.0000	27.82	0.8691	0.4989	5			0

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019.08	Calcium, EDTA (%)	2009	27.84	0.0047	27.82	0.8691	0.4989	5			0
019.08	Calcium, EDTA (%)	0590	28.20	1.600	27.82	0.8691	0.4989	5			0
019.08	Calcium, EDTA (%)	2188	29.01	0.8100	27.82	0.8691	0.4989	5			0
019.09	Calcium, Ion-selective electrode (%)	2006	27.53	0.1920				1			0
019.31	Calcium, AAS, Dry ash (%)	0108	2.355	0.4700	27.13	1.115	0.4005	17	-22.23	46%	0
019.31	Calcium, AAS, Dry ash (%)	0536	15.52	0.6100	27.13	1.115	0.4005	17	-10.42	21%	0
019.31	Calcium, AAS, Dry ash (%)	2146	26.16	0.1600	27.13	1.115	0.4005	17	-0.87	2%	0
019.31	Calcium, AAS, Dry ash (%)	0529	26.30	1.390	27.13	1.115	0.4005	17	-0.75	2%	0
019.31	Calcium, AAS, Dry ash (%)	0884	26.40	1.290	27.13	1.115	0.4005	17	-0.66	1%	0
019.31	Calcium, AAS, Dry ash (%)	0563	26.80	0.3183	27.13	1.115	0.4005	17	-0.30	1%	0
019.31	Calcium, AAS, Dry ash (%)	0939	26.90	0.0100	27.13	1.115	0.4005	17	-0.21	0%	0
019.31	Calcium, AAS, Dry ash (%)	0656	26.90	0.0000	27.13	1.115	0.4005	17	-0.21	0%	0
019.31	Calcium, AAS, Dry ash (%)	2196	26.91	0.0000	27.13	1.115	0.4005	17	-0.20	0%	0
019.31	Calcium, AAS, Dry ash (%)	0142	27.43	0.0738	27.13	1.115	0.4005	17	0.27	1%	0
019.31	Calcium, AAS, Dry ash (%)	0687	27.65	0.7000	27.13	1.115	0.4005	17	0.47	1%	0
019.31	Calcium, AAS, Dry ash (%)	0175	27.70	0.2000	27.13	1.115	0.4005	17	0.51	1%	0
019.31	Calcium, AAS, Dry ash (%)	0868	27.76	0.1400	27.13	1.115	0.4005	17	0.57	1%	0
019.31	Calcium, AAS, Dry ash (%)	0208	27.92	0.2460	27.13	1.115	0.4005	17	0.71	1%	0
019.31	Calcium, AAS, Dry ash (%)	0674	28.21	0.0000	27.13	1.115	0.4005	17	0.97	2%	0
019.31	Calcium, AAS, Dry ash (%)	0948	28.46	0.0100	27.13	1.115	0.4005	17	1.19	2%	0
019.31	Calcium, AAS, Dry ash (%)	0001	29.37	1.190	27.13	1.115	0.4005	17	2.01	4%	0
019.32	Calcium, AAS, Open vessel (%)	0169	27.95	0.1000				1			0
019.33	Calcium, AAS, Microwave (%)	2246	26.73	0.0100				2			0
019.33	Calcium, AAS, Microwave (%)	0612	30.04	0.1000				2			0
019.41	Calcium, ICP, Dry ash (%)	0520	0.3000	0.0000	27.50	1.121	0.7550	23	-24.25	49%	0
019.41	Calcium, ICP, Dry ash (%)	0229	18.26	0.0900	27.50	1.121	0.7550	23	-8.24	17%	0
019.41	Calcium, ICP, Dry ash (%)	0066	26.29	1.250	27.50	1.121	0.7550	23	-1.08	2%	0
019.41	Calcium, ICP, Dry ash (%)	0049	26.35	0.6000	27.50	1.121	0.7550	23	-1.02	2%	0
019.41	Calcium, ICP, Dry ash (%)	0004	26.94	1.000	27.50	1.121	0.7550	23	-0.50	1%	0
019.41	Calcium, ICP, Dry ash (%)	0018	27.00	0.9700	27.50	1.121	0.7550	23	-0.45	1%	0
019.41	Calcium, ICP, Dry ash (%)	0011	27.00	0.0000	27.50	1.121	0.7550	23	-0.44	1%	0
019.41	Calcium, ICP, Dry ash (%)	0144	27.10	0.8000	27.50	1.121	0.7550	23	-0.35	1%	0
019.41	Calcium, ICP, Dry ash (%)	0358	27.10	1.920	27.50	1.121	0.7550	23	-0.35	1%	0
019.41	Calcium, ICP, Dry ash (%)	0019	27.28	0.8100	27.50	1.121	0.7550	23	-0.20	0%	0
019.41	Calcium, ICP, Dry ash (%)	0148	27.28	1.878	27.50	1.121	0.7550	23	-0.19	0%	0
019.41	Calcium, ICP, Dry ash (%)	0098	27.33	0.8800	27.50	1.121	0.7550	23	-0.15	0%	0
019.41	Calcium, ICP, Dry ash (%)	2022	27.35	0.0500	27.50	1.121	0.7550	23	-0.14	0%	0
019.41	Calcium, ICP, Dry ash (%)	0848	27.54	0.1700	27.50	1.121	0.7550	23	0.03	0%	0
019.41	Calcium, ICP, Dry ash (%)	2259	27.59	2.520	27.50	1.121	0.7550	23	0.08	0%	0
019.41	Calcium, ICP, Dry ash (%)	0171	27.68	0.0400	27.50	1.121	0.7550	23	0.16	0%	0
019.41	Calcium, ICP, Dry ash (%)	0208	28.05	1.880	27.50	1.121	0.7550	23	0.49	1%	0
019.41	Calcium, ICP, Dry ash (%)	0354	28.27	0.3000	27.50	1.121	0.7550	23	0.69	1%	0

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019.41	Calcium, ICP, Dry ash (%)	0226	28.42	0.4900	27.50	1.121	0.7550	23	0.82	2%	0
019.41	Calcium, ICP, Dry ash (%)	0910	28.73	0.8600	27.50	1.121	0.7550	23	1.10	2%	0
019.41	Calcium, ICP, Dry ash (%)	0685	29.22	0.0400	27.50	1.121	0.7550	23	1.54	3%	0
019.41	Calcium, ICP, Dry ash (%)	0407	30.80	0.8162	27.50	1.121	0.7550	23	2.95	6%	0
019.41	Calcium, ICP, Dry ash (%)	0619	31.00	0.0000	27.50	1.121	0.7550	23	3.12	6%	0
019.41	Calcium, ICP, Dry ash (%)	0598	0.0000	0.0000	27.50	1.121	0.7550	23			4
019.42	Calcium, ICP, Open vessel (%)	0870	22.10	0.6800	27.86	2.034	0.7708	20	-2.83	10%	0
019.42	Calcium, ICP, Open vessel (%)	0357	23.89	0.4189	27.86	2.034	0.7708	20	-1.95	7%	0
019.42	Calcium, ICP, Open vessel (%)	2012	25.79	0.5300	27.86	2.034	0.7708	20	-1.02	4%	0
019.42	Calcium, ICP, Open vessel (%)	0278	25.96	0.4100	27.86	2.034	0.7708	20	-0.93	3%	0
019.42	Calcium, ICP, Open vessel (%)	2129	26.01	0.2000	27.86	2.034	0.7708	20	-0.91	3%	0
019.42	Calcium, ICP, Open vessel (%)	0263	26.90	0.0860	27.86	2.034	0.7708	20	-0.47	2%	0
019.42	Calcium, ICP, Open vessel (%)	0693	27.17	0.2960	27.86	2.034	0.7708	20	-0.34	1%	0
019.42	Calcium, ICP, Open vessel (%)	0366	27.20	2.400	27.86	2.034	0.7708	20	-0.32	1%	0
019.42	Calcium, ICP, Open vessel (%)	2319	27.40	1.200	27.86	2.034	0.7708	20	-0.22	1%	0
019.42	Calcium, ICP, Open vessel (%)	0037	27.43	2.076	27.86	2.034	0.7708	20	-0.21	1%	0
019.42	Calcium, ICP, Open vessel (%)	0413	28.45	0.9000	27.86	2.034	0.7708	20	0.29	1%	0
019.42	Calcium, ICP, Open vessel (%)	0009	28.45	0.7000	27.86	2.034	0.7708	20	0.29	1%	0
019.42	Calcium, ICP, Open vessel (%)	0294	28.49	0.1600	27.86	2.034	0.7708	20	0.31	1%	0
019.42	Calcium, ICP, Open vessel (%)	0042	28.90	0.6000	27.86	2.034	0.7708	20	0.51	2%	0
019.42	Calcium, ICP, Open vessel (%)	0265	29.10	0.2000	27.86	2.034	0.7708	20	0.61	2%	0
019.42	Calcium, ICP, Open vessel (%)	0045	29.30	2.800	27.86	2.034	0.7708	20	0.71	3%	0
019.42	Calcium, ICP, Open vessel (%)	2053	29.97	0.4700	27.86	2.034	0.7708	20	1.04	4%	0
019.42	Calcium, ICP, Open vessel (%)	0692	30.00	0.4000	27.86	2.034	0.7708	20	1.05	4%	0
019.42	Calcium, ICP, Open vessel (%)	0190	30.26	0.6100	27.86	2.034	0.7708	20	1.18	4%	0
019.42	Calcium, ICP, Open vessel (%)	0726	30.75	0.2800	27.86	2.034	0.7708	20	1.42	5%	0
019.43	Calcium, ICP, Microwave (%)	0870	20.86	0.5100	27.72	1.423	0.5992	30	-4.83	12%	0
019.43	Calcium, ICP, Microwave (%)	2033	24.00	0.0000	27.72	1.423	0.5992	30	-2.62	7%	0
019.43	Calcium, ICP, Microwave (%)	2089	25.34	0.1400	27.72	1.423	0.5992	30	-1.67	4%	0
019.43	Calcium, ICP, Microwave (%)	0036	26.00	0.1203	27.72	1.423	0.5992	30	-1.21	3%	0
019.43	Calcium, ICP, Microwave (%)	0027	26.14	0.2620	27.72	1.423	0.5992	30	-1.11	3%	0
019.43	Calcium, ICP, Microwave (%)	0675	26.21	0.5500	27.72	1.423	0.5992	30	-1.07	3%	0
019.43	Calcium, ICP, Microwave (%)	0510	26.80	0.0000	27.72	1.423	0.5992	30	-0.65	2%	0
019.43	Calcium, ICP, Microwave (%)	0610	26.80	0.4000	27.72	1.423	0.5992	30	-0.65	2%	0
019.43	Calcium, ICP, Microwave (%)	0033	26.90	0.4000	27.72	1.423	0.5992	30	-0.58	1%	0
019.43	Calcium, ICP, Microwave (%)	0918	27.03	0.2580	27.72	1.423	0.5992	30	-0.48	1%	0
019.43	Calcium, ICP, Microwave (%)	0010	27.19	0.1900	27.72	1.423	0.5992	30	-0.38	1%	0
019.43	Calcium, ICP, Microwave (%)	2058	27.49	0.0990	27.72	1.423	0.5992	30	-0.17	0%	0
019.43	Calcium, ICP, Microwave (%)	0013	27.60	0.8000	27.72	1.423	0.5992	30	-0.09	0%	0
019.43	Calcium, ICP, Microwave (%)	0017	27.68	0.1070	27.72	1.423	0.5992	30	-0.03	0%	0
019.43	Calcium, ICP, Microwave (%)	0345	27.97	0.1600	27.72	1.423	0.5992	30	0.17	0%	0
019.43	Calcium, ICP, Microwave (%)	0083	28.01	0.9700	27.72	1.423	0.5992	30	0.20	1%	0

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019.43	Calcium, ICP, Microwave (%)	0425	28.14	1.140	27.72	1.423	0.5992	30	0.29	1%	0
019.43	Calcium, ICP, Microwave (%)	0682	28.19	0.0000	27.72	1.423	0.5992	30	0.33	1%	0
019.43	Calcium, ICP, Microwave (%)	0043	28.25	0.9000	27.72	1.423	0.5992	30	0.37	1%	0
019.43	Calcium, ICP, Microwave (%)	0505	28.25	2.080	27.72	1.423	0.5992	30	0.37	1%	0
019.43	Calcium, ICP, Microwave (%)	2326	28.32	0.2900	27.72	1.423	0.5992	30	0.42	1%	0
019.43	Calcium, ICP, Microwave (%)	0202	28.40	1.800	27.72	1.423	0.5992	30	0.48	1%	0
019.43	Calcium, ICP, Microwave (%)	2143	28.48	0.0300	27.72	1.423	0.5992	30	0.53	1%	0
019.43	Calcium, ICP, Microwave (%)	2192	28.66	1.100	27.72	1.423	0.5992	30	0.66	2%	0
019.43	Calcium, ICP, Microwave (%)	0353	28.89	0.3500	27.72	1.423	0.5992	30	0.82	2%	0
019.43	Calcium, ICP, Microwave (%)	0968	29.21	0.0390	27.72	1.423	0.5992	30	1.04	3%	0
019.43	Calcium, ICP, Microwave (%)	0914	29.25	1.544	27.72	1.423	0.5992	30	1.07	3%	0
019.43	Calcium, ICP, Microwave (%)	0407	29.42	0.8786	27.72	1.423	0.5992	30	1.19	3%	0
019.43	Calcium, ICP, Microwave (%)	0300	29.81	2.640	27.72	1.423	0.5992	30	1.47	4%	0
019.43	Calcium, ICP, Microwave (%)	2234	30.10	0.2200	27.72	1.423	0.5992	30	1.67	4%	0
019.44	Calcium, ICP, Dry ash (%)	0164	27.30	0.4000				1			0
019.52	Calcium, ICP-MS, Open vessel (%)	0154	25.72	0.3058				2			0
019.52	Calcium, ICP-MS, Open vessel (%)	0047	29.51	0.2500				2			0
019.53	Calcium, ICP-MS, Microwave (%)	0015	22.58	0.6700	25.88	2.234	0.2339	4			0
019.53	Calcium, ICP-MS, Microwave (%)	0553	26.45	0.1000	25.88	2.234	0.2339	4			0
019.53	Calcium, ICP-MS, Microwave (%)	2055	27.23	0.1455	25.88	2.234	0.2339	4			0
019.53	Calcium, ICP-MS, Microwave (%)	0939	27.26	0.0200	25.88	2.234	0.2339	4			0
019.53	Calcium, ICP-MS, Microwave (%)	0572	28.60	1.800	25.88	2.234	0.2339	4			1
019.99	Calcium, Miscellaneous (%)	0242	25.24	0.1500				3			0
019.99	Calcium, Miscellaneous (%)	0676	26.76	0.1600				3			0
019.99	Calcium, Miscellaneous (%)	0590	29.45	0.1000				3			0
019.99	Calcium, Miscellaneous (%)	0100	29.24	0.9300				3			1
021.31	Cobalt, AAS, Dry ash (ppm)	0164	5.400	0.2000				3			0
021.31	Cobalt, AAS, Dry ash (ppm)	0939	7.460	0.3000				3			0
021.31	Cobalt, AAS, Dry ash (ppm)	0563	20.74	0.1586				3			0
021.41	Cobalt, ICP, Dry ash (ppm)	0171	4.365	0.0300	6.519	2.038	0.1983	4			0
021.41	Cobalt, ICP, Dry ash (ppm)	0407	5.861	0.1633	6.519	2.038	0.1983	4			0
021.41	Cobalt, ICP, Dry ash (ppm)	0619	6.615	0.3100	6.519	2.038	0.1983	4			0
021.41	Cobalt, ICP, Dry ash (ppm)	0148	9.235	0.2900	6.519	2.038	0.1983	4			0
021.42	Cobalt, ICP, Open vessel (ppm)	0693	1.403	0.3070				1			0
021.42	Cobalt, ICP, Open vessel (ppm)	2012	< 13.36					1			5
021.43	Cobalt, ICP, Microwave (ppm)	0682	2.800	0.0000	6.171	2.348	0.0502	4			0
021.43	Cobalt, ICP, Microwave (ppm)	0407	6.720	0.0306	6.171	2.348	0.0502	4			0
021.43	Cobalt, ICP, Microwave (ppm)	0169	6.915	0.0700	6.171	2.348	0.0502	4			0
021.43	Cobalt, ICP, Microwave (ppm)	0510	8.250	0.1000	6.171	2.348	0.0502	4			0
021.43	Cobalt, ICP, Microwave (ppm)	0353	8.604	2.037	6.171	2.348	0.0502	4			1
021.52	Cobalt, ICP-MS, Open vessel (ppm)	0910	5.245	0.1500				2			0
021.52	Cobalt, ICP-MS, Open vessel (ppm)	0186	5.885	0.3500				2			0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
021.53	Cobalt, ICP-MS, Microwave (ppm)	2055	5.331	0.9800	6.881	0.9987	0.9140	5			0
021.53	Cobalt, ICP-MS, Microwave (ppm)	2033	6.520	1.300	6.881	0.9987	0.9140	5			0
021.53	Cobalt, ICP-MS, Microwave (ppm)	0553	7.135	0.8500	6.881	0.9987	0.9140	5			0
021.53	Cobalt, ICP-MS, Microwave (ppm)	0939	7.615	0.6300	6.881	0.9987	0.9140	5			0
021.53	Cobalt, ICP-MS, Microwave (ppm)	0015	7.805	0.8100	6.881	0.9987	0.9140	5			0
022.31	Copper, AAS, Dry ash (ppm)	0536	180.8	0.3500	374.6	20.34	4.949	15	-9.53	26%	0
022.31	Copper, AAS, Dry ash (ppm)	0939	348.9	4.760	374.6	20.34	4.949	15	-1.26	3%	0
022.31	Copper, AAS, Dry ash (ppm)	0563	357.7	14.77	374.6	20.34	4.949	15	-0.83	2%	0
022.31	Copper, AAS, Dry ash (ppm)	0674	363.3	0.0000	374.6	20.34	4.949	15	-0.55	2%	0
022.31	Copper, AAS, Dry ash (ppm)	2022	367.5	3.000	374.6	20.34	4.949	15	-0.35	1%	0
022.31	Copper, AAS, Dry ash (ppm)	2196	367.5	0.0000	374.6	20.34	4.949	15	-0.35	1%	0
022.31	Copper, AAS, Dry ash (ppm)	0175	369.0	2.000	374.6	20.34	4.949	15	-0.28	1%	0
022.31	Copper, AAS, Dry ash (ppm)	0868	371.0	6.000	374.6	20.34	4.949	15	-0.18	0%	0
022.31	Copper, AAS, Dry ash (ppm)	0208	380.0	14.00	374.6	20.34	4.949	15	0.27	1%	0
022.31	Copper, AAS, Dry ash (ppm)	0689	380.4	15.90	374.6	20.34	4.949	15	0.28	1%	0
022.31	Copper, AAS, Dry ash (ppm)	0529	383.5	3.800	374.6	20.34	4.949	15	0.44	1%	0
022.31	Copper, AAS, Dry ash (ppm)	0001	383.6	4.300	374.6	20.34	4.949	15	0.44	1%	0
022.31	Copper, AAS, Dry ash (ppm)	0656	394.5	0.0000	374.6	20.34	4.949	15	0.98	3%	0
022.31	Copper, AAS, Dry ash (ppm)	2146	403.1	3.700	374.6	20.34	4.949	15	1.40	4%	0
022.31	Copper, AAS, Dry ash (ppm)	2188	478.8	1.660	374.6	20.34	4.949	15	5.12	14%	0
022.33	Copper, AAS, Microwave (ppm)	0010	364.5	29.00				2			0
022.33	Copper, AAS, Microwave (ppm)	0948	373.7	30.70				2			0
022.41	Copper, ICP, Dry ash (ppm)	0229	230.2	21.67	357.2	22.57	15.45	20	-5.62	18%	0
022.41	Copper, ICP, Dry ash (ppm)	0354	323.3	0.9400	357.2	22.57	15.45	20	-1.50	5%	0
022.41	Copper, ICP, Dry ash (ppm)	0520	330.5	5.000	357.2	22.57	15.45	20	-1.18	4%	0
022.41	Copper, ICP, Dry ash (ppm)	0407	331.8	14.81	357.2	22.57	15.45	20	-1.12	4%	0
022.41	Copper, ICP, Dry ash (ppm)	0011	341.2	26.90	357.2	22.57	15.45	20	-0.71	2%	0
022.41	Copper, ICP, Dry ash (ppm)	0171	346.5	1.000	357.2	22.57	15.45	20	-0.47	1%	0
022.41	Copper, ICP, Dry ash (ppm)	0049	347.9	7.540	357.2	22.57	15.45	20	-0.41	1%	0
022.41	Copper, ICP, Dry ash (ppm)	0019	349.3	22.40	357.2	22.57	15.45	20	-0.35	1%	0
022.41	Copper, ICP, Dry ash (ppm)	0619	350.0	24.00	357.2	22.57	15.45	20	-0.32	1%	0
022.41	Copper, ICP, Dry ash (ppm)	0848	357.3	12.93	357.2	22.57	15.45	20	0.01	0%	0
022.41	Copper, ICP, Dry ash (ppm)	0878	366.0	10.00	357.2	22.57	15.45	20	0.39	1%	0
022.41	Copper, ICP, Dry ash (ppm)	0098	367.5	40.70	357.2	22.57	15.45	20	0.46	1%	0
022.41	Copper, ICP, Dry ash (ppm)	0004	369.1	26.95	357.2	22.57	15.45	20	0.53	2%	0
022.41	Copper, ICP, Dry ash (ppm)	0598	369.5	7.000	357.2	22.57	15.45	20	0.55	2%	0
022.41	Copper, ICP, Dry ash (ppm)	0358	371.2	32.92	357.2	22.57	15.45	20	0.62	2%	0
022.41	Copper, ICP, Dry ash (ppm)	0148	373.2	22.48	357.2	22.57	15.45	20	0.71	2%	0
022.41	Copper, ICP, Dry ash (ppm)	0910	380.0	2.000	357.2	22.57	15.45	20	1.01	3%	0
022.41	Copper, ICP, Dry ash (ppm)	2022	380.4	12.19	357.2	22.57	15.45	20	1.03	3%	0
022.41	Copper, ICP, Dry ash (ppm)	0208	381.7	11.60	357.2	22.57	15.45	20	1.09	3%	0
022.41	Copper, ICP, Dry ash (ppm)	0226	384.0	5.970	357.2	22.57	15.45	20	1.19	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	
022.42	Copper, ICP, Open vessel (ppm)	2259	325.0	6.000	367.7	27.49	25.88	20	-1.55	6%	0
022.42	Copper, ICP, Open vessel (ppm)	2319	331.5	23.00	367.7	27.49	25.88	20	-1.32	5%	0
022.42	Copper, ICP, Open vessel (ppm)	0357	345.6	6.230	367.7	27.49	25.88	20	-0.80	3%	0
022.42	Copper, ICP, Open vessel (ppm)	0263	345.9	6.340	367.7	27.49	25.88	20	-0.79	3%	0
022.42	Copper, ICP, Open vessel (ppm)	0190	349.1	36.70	367.7	27.49	25.88	20	-0.68	3%	0
022.42	Copper, ICP, Open vessel (ppm)	2129	350.0	30.20	367.7	27.49	25.88	20	-0.64	2%	0
022.42	Copper, ICP, Open vessel (ppm)	0294	356.9	1.220	367.7	27.49	25.88	20	-0.39	1%	0
022.42	Copper, ICP, Open vessel (ppm)	0726	357.5	22.20	367.7	27.49	25.88	20	-0.37	1%	0
022.42	Copper, ICP, Open vessel (ppm)	0278	359.8	15.90	367.7	27.49	25.88	20	-0.29	1%	0
022.42	Copper, ICP, Open vessel (ppm)	0366	362.5	5.000	367.7	27.49	25.88	20	-0.19	1%	0
022.42	Copper, ICP, Open vessel (ppm)	0870	363.0	8.500	367.7	27.49	25.88	20	-0.17	1%	0
022.42	Copper, ICP, Open vessel (ppm)	0042	363.0	52.00	367.7	27.49	25.88	20	-0.17	1%	0
022.42	Copper, ICP, Open vessel (ppm)	0045	371.0	28.00	367.7	27.49	25.88	20	0.12	0%	0
022.42	Copper, ICP, Open vessel (ppm)	2053	384.5	13.00	367.7	27.49	25.88	20	0.61	2%	0
022.42	Copper, ICP, Open vessel (ppm)	0037	389.7	57.30	367.7	27.49	25.88	20	0.80	3%	0
022.42	Copper, ICP, Open vessel (ppm)	0413	390.5	1.000	367.7	27.49	25.88	20	0.83	3%	0
022.42	Copper, ICP, Open vessel (ppm)	0009	391.0	5.100	367.7	27.49	25.88	20	0.85	3%	0
022.42	Copper, ICP, Open vessel (ppm)	0685	400.1	0.0100	367.7	27.49	25.88	20	1.18	4%	0
022.42	Copper, ICP, Open vessel (ppm)	0693	407.6	82.90	367.7	27.49	25.88	20	1.45	5%	0
022.42	Copper, ICP, Open vessel (ppm)	0265	430.5	117.0	367.7	27.49	25.88	20	2.28	9%	0
022.42	Copper, ICP, Open vessel (ppm)	0692	342.0	188.0	367.7	27.49	25.88	20	-0.94	3%	1
022.42	Copper, ICP, Open vessel (ppm)	2012	1,699	35.30	367.7	27.49	25.88	20	48.42	181%	2
022.43	Copper, ICP, Microwave (ppm)	0169	309.0	16.00	361.9	29.30	16.70	25	-1.80	7%	0
022.43	Copper, ICP, Microwave (ppm)	2143	317.5	2.350	361.9	29.30	16.70	25	-1.52	6%	0
022.43	Copper, ICP, Microwave (ppm)	0682	319.6	0.0000	361.9	29.30	16.70	25	-1.44	6%	0
022.43	Copper, ICP, Microwave (ppm)	2058	336.3	15.04	361.9	29.30	16.70	25	-0.87	4%	0
022.43	Copper, ICP, Microwave (ppm)	2326	338.5	11.00	361.9	29.30	16.70	25	-0.80	3%	0
022.43	Copper, ICP, Microwave (ppm)	0610	339.0	0.0000	361.9	29.30	16.70	25	-0.78	3%	0
022.43	Copper, ICP, Microwave (ppm)	0870	346.2	16.90	361.9	29.30	16.70	25	-0.54	2%	0
022.43	Copper, ICP, Microwave (ppm)	0345	347.0	14.00	361.9	29.30	16.70	25	-0.51	2%	0
022.43	Copper, ICP, Microwave (ppm)	0353	348.0	68.00	361.9	29.30	16.70	25	-0.47	2%	0
022.43	Copper, ICP, Microwave (ppm)	0510	353.0	2.000	361.9	29.30	16.70	25	-0.30	1%	0
022.43	Copper, ICP, Microwave (ppm)	0033	354.0	22.00	361.9	29.30	16.70	25	-0.27	1%	0
022.43	Copper, ICP, Microwave (ppm)	0202	358.0	26.80	361.9	29.30	16.70	25	-0.13	1%	0
022.43	Copper, ICP, Microwave (ppm)	2234	363.7	1.390	361.9	29.30	16.70	25	0.06	0%	0
022.43	Copper, ICP, Microwave (ppm)	0027	365.2	2.352	361.9	29.30	16.70	25	0.11	0%	0
022.43	Copper, ICP, Microwave (ppm)	0407	369.3	12.08	361.9	29.30	16.70	25	0.25	1%	0
022.43	Copper, ICP, Microwave (ppm)	0918	373.9	2.120	361.9	29.30	16.70	25	0.41	2%	0
022.43	Copper, ICP, Microwave (ppm)	0425	374.7	29.70	361.9	29.30	16.70	25	0.44	2%	0
022.43	Copper, ICP, Microwave (ppm)	0968	379.0	2.000	361.9	29.30	16.70	25	0.58	2%	0
022.43	Copper, ICP, Microwave (ppm)	0013	379.5	65.00	361.9	29.30	16.70	25	0.60	2%	0
022.43	Copper, ICP, Microwave (ppm)	0083	383.5	3.000	361.9	29.30	16.70	25	0.74	3%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
022.43	Copper, ICP, Microwave (ppm)	0017	383.6	49.96	361.9	29.30	16.70	25	0.74	3%	0
022.43	Copper, ICP, Microwave (ppm)	2089	391.1	11.30	361.9	29.30	16.70	25	1.00	4%	0
022.43	Copper, ICP, Microwave (ppm)	0505	396.5	3.500	361.9	29.30	16.70	25	1.18	5%	0
022.43	Copper, ICP, Microwave (ppm)	2192	406.5	39.00	361.9	29.30	16.70	25	1.52	6%	0
022.43	Copper, ICP, Microwave (ppm)	0675	410.6	1.910	361.9	29.30	16.70	25	1.66	7%	0
022.43	Copper, ICP, Microwave (ppm)	0043	443.5	105.0	361.9	29.30	16.70	25	2.79	11%	1
022.44	Copper, ICP, Dry ash (ppm)	0164	363.0	6.000				2			0
022.44	Copper, ICP, Dry ash (ppm)	0066	370.1	25.65				2			0
022.52	Copper, ICP-MS, Open vessel (ppm)	0186	311.0	18.00				2			0
022.52	Copper, ICP-MS, Open vessel (ppm)	0047	382.0	5.720				2			0
022.53	Copper, ICP-MS, Microwave (ppm)	0553	240.0	4.000	351.0	36.21	22.92	7	-3.07	16%	0
022.53	Copper, ICP-MS, Microwave (ppm)	0572	323.5	29.00	351.0	36.21	22.92	7	-0.76	4%	0
022.53	Copper, ICP-MS, Microwave (ppm)	2033	348.5	21.00	351.0	36.21	22.92	7	-0.07	0%	0
022.53	Copper, ICP-MS, Microwave (ppm)	0914	356.7	15.40	351.0	36.21	22.92	7	0.16	1%	0
022.53	Copper, ICP-MS, Microwave (ppm)	0015	364.2	44.06	351.0	36.21	22.92	7	0.36	2%	0
022.53	Copper, ICP-MS, Microwave (ppm)	0939	378.5	17.00	351.0	36.21	22.92	7	0.76	4%	0
022.53	Copper, ICP-MS, Microwave (ppm)	2055	389.0	30.00	351.0	36.21	22.92	7	1.05	5%	0
022.99	Copper, Miscellaneous (ppm)	0242	335.0	22.00	353.4	13.43	19.54	4			0
022.99	Copper, Miscellaneous (ppm)	2144	352.0	15.14	353.4	13.43	19.54	4			0
022.99	Copper, Miscellaneous (ppm)	0100	361.5	31.00	353.4	13.43	19.54	4			0
022.99	Copper, Miscellaneous (ppm)	0590	365.0	10.00	353.4	13.43	19.54	4			0
024.03	Iodine, Ion-selective electrode (ppm)	0171	21.15	0.7000				1			0
024.52	Iodine, ICP-MS, Open vessel (ppm)	0910	25.56	2.727				1			0
025.31	Iron, AAS, Dry ash (ppm)	2246	1,078	11.00	5,185	703.4	71.40	17	-5.84	40%	0
025.31	Iron, AAS, Dry ash (ppm)	0536	3,047	9.600	5,185	703.4	71.40	17	-3.04	21%	0
025.31	Iron, AAS, Dry ash (ppm)	2188	4,454	90.26	5,185	703.4	71.40	17	-1.04	7%	0
025.31	Iron, AAS, Dry ash (ppm)	2146	4,772	106.0	5,185	703.4	71.40	17	-0.59	4%	0
025.31	Iron, AAS, Dry ash (ppm)	0175	4,800	200.0	5,185	703.4	71.40	17	-0.55	4%	0
025.31	Iron, AAS, Dry ash (ppm)	0656	4,803	0.0019	5,185	703.4	71.40	17	-0.54	4%	0
025.31	Iron, AAS, Dry ash (ppm)	0505	4,933	125.0	5,185	703.4	71.40	17	-0.36	2%	0
025.31	Iron, AAS, Dry ash (ppm)	2196	4,961	0.0000	5,185	703.4	71.40	17	-0.32	2%	0
025.31	Iron, AAS, Dry ash (ppm)	0001	5,280	64.00	5,185	703.4	71.40	17	0.14	1%	0
025.31	Iron, AAS, Dry ash (ppm)	0939	5,358	31.00	5,185	703.4	71.40	17	0.25	2%	0
025.31	Iron, AAS, Dry ash (ppm)	0529	5,628	238.7	5,185	703.4	71.40	17	0.63	4%	0
025.31	Iron, AAS, Dry ash (ppm)	0674	5,635	0.0000	5,185	703.4	71.40	17	0.64	4%	0
025.31	Iron, AAS, Dry ash (ppm)	0868	5,665	35.00	5,185	703.4	71.40	17	0.68	5%	0
025.31	Iron, AAS, Dry ash (ppm)	0563	5,705	88.32	5,185	703.4	71.40	17	0.74	5%	0
025.31	Iron, AAS, Dry ash (ppm)	2022	5,830	75.00	5,185	703.4	71.40	17	0.92	6%	0
025.31	Iron, AAS, Dry ash (ppm)	0689	5,900	0.0000	5,185	703.4	71.40	17	1.02	7%	0
025.31	Iron, AAS, Dry ash (ppm)	0208	6,160	140.0	5,185	703.4	71.40	17	1.39	9%	0
025.33	Iron, AAS, Microwave (ppm)	0904	5,600	753.7				2			0
025.33	Iron, AAS, Microwave (ppm)	2178	5,918	85.00				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	
025.41	Iron, ICP, Dry ash (ppm)	0229	3,605	141.2	5,225	656.2	177.0	21	-2.47	16%	0
025.41	Iron, ICP, Dry ash (ppm)	0358	3,953	199.6	5,225	656.2	177.0	21	-1.94	12%	0
025.41	Iron, ICP, Dry ash (ppm)	0598	4,387	298.0	5,225	656.2	177.0	21	-1.28	8%	0
025.41	Iron, ICP, Dry ash (ppm)	0011	4,447	519.4	5,225	656.2	177.0	21	-1.19	7%	0
025.41	Iron, ICP, Dry ash (ppm)	0354	4,678	97.81	5,225	656.2	177.0	21	-0.83	5%	0
025.41	Iron, ICP, Dry ash (ppm)	0049	4,915	139.1	5,225	656.2	177.0	21	-0.47	3%	0
025.41	Iron, ICP, Dry ash (ppm)	0226	4,939	188.8	5,225	656.2	177.0	21	-0.44	3%	0
025.41	Iron, ICP, Dry ash (ppm)	0878	5,003	157.0	5,225	656.2	177.0	21	-0.34	2%	0
025.41	Iron, ICP, Dry ash (ppm)	0520	5,005	70.00	5,225	656.2	177.0	21	-0.34	2%	0
025.41	Iron, ICP, Dry ash (ppm)	0164	5,345	230.0	5,225	656.2	177.0	21	0.18	1%	0
025.41	Iron, ICP, Dry ash (ppm)	2022	5,446	88.28	5,225	656.2	177.0	21	0.34	2%	0
025.41	Iron, ICP, Dry ash (ppm)	0407	5,473	29.92	5,225	656.2	177.0	21	0.38	2%	0
025.41	Iron, ICP, Dry ash (ppm)	0208	5,493	460.0	5,225	656.2	177.0	21	0.41	3%	0
025.41	Iron, ICP, Dry ash (ppm)	0098	5,509	163.0	5,225	656.2	177.0	21	0.43	3%	0
025.41	Iron, ICP, Dry ash (ppm)	0019	5,525	74.00	5,225	656.2	177.0	21	0.46	3%	0
025.41	Iron, ICP, Dry ash (ppm)	0171	5,610	24.00	5,225	656.2	177.0	21	0.59	4%	0
025.41	Iron, ICP, Dry ash (ppm)	0148	5,785	75.86	5,225	656.2	177.0	21	0.85	5%	0
025.41	Iron, ICP, Dry ash (ppm)	0619	5,824	162.0	5,225	656.2	177.0	21	0.91	6%	0
025.41	Iron, ICP, Dry ash (ppm)	0910	5,825	249.0	5,225	656.2	177.0	21	0.91	6%	0
025.41	Iron, ICP, Dry ash (ppm)	0004	5,827	90.04	5,225	656.2	177.0	21	0.92	6%	0
025.41	Iron, ICP, Dry ash (ppm)	0066	10,020	260.4	5,225	656.2	177.0	21	7.31	46%	0
025.42	Iron, ICP, Open vessel (ppm)	2053	3,240	71.00	5,205	483.0	202.5	19	-4.07	19%	0
025.42	Iron, ICP, Open vessel (ppm)	2259	4,491	157.0	5,205	483.0	202.5	19	-1.48	7%	0
025.42	Iron, ICP, Open vessel (ppm)	0870	4,654	229.0	5,205	483.0	202.5	19	-1.14	5%	0
025.42	Iron, ICP, Open vessel (ppm)	0294	4,733	10.80	5,205	483.0	202.5	19	-0.98	5%	0
025.42	Iron, ICP, Open vessel (ppm)	0693	4,896	367.2	5,205	483.0	202.5	19	-0.64	3%	0
025.42	Iron, ICP, Open vessel (ppm)	0366	4,970	380.0	5,205	483.0	202.5	19	-0.49	2%	0
025.42	Iron, ICP, Open vessel (ppm)	0726	5,017	25.00	5,205	483.0	202.5	19	-0.39	2%	0
025.42	Iron, ICP, Open vessel (ppm)	0278	5,125	315.0	5,205	483.0	202.5	19	-0.17	1%	0
025.42	Iron, ICP, Open vessel (ppm)	0045	5,225	510.0	5,205	483.0	202.5	19	0.04	0%	0
025.42	Iron, ICP, Open vessel (ppm)	0263	5,297	44.53	5,205	483.0	202.5	19	0.19	1%	0
025.42	Iron, ICP, Open vessel (ppm)	2319	5,330	200.0	5,205	483.0	202.5	19	0.26	1%	0
025.42	Iron, ICP, Open vessel (ppm)	0042	5,345	265.0	5,205	483.0	202.5	19	0.29	1%	0
025.42	Iron, ICP, Open vessel (ppm)	0413	5,348	43.00	5,205	483.0	202.5	19	0.29	1%	0
025.42	Iron, ICP, Open vessel (ppm)	0037	5,431	274.1	5,205	483.0	202.5	19	0.47	2%	0
025.42	Iron, ICP, Open vessel (ppm)	0265	5,465	150.0	5,205	483.0	202.5	19	0.54	2%	0
025.42	Iron, ICP, Open vessel (ppm)	0692	5,705	470.0	5,205	483.0	202.5	19	1.03	5%	0
025.42	Iron, ICP, Open vessel (ppm)	0190	5,721	8.000	5,205	483.0	202.5	19	1.07	5%	0
025.42	Iron, ICP, Open vessel (ppm)	2129	5,740	321.0	5,205	483.0	202.5	19	1.11	5%	0
025.42	Iron, ICP, Open vessel (ppm)	2012	6,268	7.360	5,205	483.0	202.5	19	2.20	10%	0
025.43	Iron, ICP, Microwave (ppm)	0675	3,545	70.25	5,264	528.3	117.2	23	-3.25	16%	0
025.43	Iron, ICP, Microwave (ppm)	0169	4,495	170.0	5,264	528.3	117.2	23	-1.46	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	
025.43	Iron, ICP, Microwave (ppm)	0870	4,579	48.00	5,264	528.3	117.2	23	-1.30	7%	0
025.43	Iron, ICP, Microwave (ppm)	0407	4,671	326.2	5,264	528.3	117.2	23	-1.12	6%	0
025.43	Iron, ICP, Microwave (ppm)	2033	4,800	0.0000	5,264	528.3	117.2	23	-0.88	4%	0
025.43	Iron, ICP, Microwave (ppm)	0610	4,860	280.0	5,264	528.3	117.2	23	-0.76	4%	0
025.43	Iron, ICP, Microwave (ppm)	0353	5,006	345.0	5,264	528.3	117.2	23	-0.49	2%	0
025.43	Iron, ICP, Microwave (ppm)	2234	5,037	33.23	5,264	528.3	117.2	23	-0.43	2%	0
025.43	Iron, ICP, Microwave (ppm)	0510	5,104	8.000	5,264	528.3	117.2	23	-0.30	2%	0
025.43	Iron, ICP, Microwave (ppm)	2192	5,179	55.00	5,264	528.3	117.2	23	-0.16	1%	0
025.43	Iron, ICP, Microwave (ppm)	0043	5,251	208.0	5,264	528.3	117.2	23	-0.02	0%	0
025.43	Iron, ICP, Microwave (ppm)	0033	5,385	17.00	5,264	528.3	117.2	23	0.23	1%	0
025.43	Iron, ICP, Microwave (ppm)	0013	5,405	50.00	5,264	528.3	117.2	23	0.27	1%	0
025.43	Iron, ICP, Microwave (ppm)	0083	5,436	56.00	5,264	528.3	117.2	23	0.33	2%	0
025.43	Iron, ICP, Microwave (ppm)	0918	5,511	3.820	5,264	528.3	117.2	23	0.47	2%	0
025.43	Iron, ICP, Microwave (ppm)	0345	5,540	40.00	5,264	528.3	117.2	23	0.52	3%	0
025.43	Iron, ICP, Microwave (ppm)	2058	5,548	140.7	5,264	528.3	117.2	23	0.54	3%	0
025.43	Iron, ICP, Microwave (ppm)	0682	5,563	0.0000	5,264	528.3	117.2	23	0.57	3%	0
025.43	Iron, ICP, Microwave (ppm)	0017	5,565	80.88	5,264	528.3	117.2	23	0.57	3%	0
025.43	Iron, ICP, Microwave (ppm)	0968	5,772	8.000	5,264	528.3	117.2	23	0.96	5%	0
025.43	Iron, ICP, Microwave (ppm)	0027	5,875	66.42	5,264	528.3	117.2	23	1.16	6%	0
025.43	Iron, ICP, Microwave (ppm)	2326	6,009	165.0	5,264	528.3	117.2	23	1.41	7%	0
025.43	Iron, ICP, Microwave (ppm)	2089	6,011	524.5	5,264	528.3	117.2	23	1.41	7%	0
025.43	Iron, ICP, Microwave (ppm)	0425	3,891	1,260	5,264	528.3	117.2	23	-2.60	13%	1
025.52	Iron, ICP-MS, Open vessel (ppm)	0154	842.4	45.58				2			0
025.52	Iron, ICP-MS, Open vessel (ppm)	0047	4,813	36.20				2			0
025.53	Iron, ICP-MS, Microwave (ppm)	0015	4,566	0.9100				3			0
025.53	Iron, ICP-MS, Microwave (ppm)	0553	4,875	10.00				3			0
025.53	Iron, ICP-MS, Microwave (ppm)	0939	5,479	1.000				3			0
025.53	Iron, ICP-MS, Microwave (ppm)	2055	4,830	160.0				3			1
025.99	Iron, Miscellaneous (ppm)	0242	5,055	72.00				3			0
025.99	Iron, Miscellaneous (ppm)	2144	5,785	54.00				3			0
025.99	Iron, Miscellaneous (ppm)	0100	5,833	158.0				3			0
027.31	Magnesium, AAS, Dry ash (%)	0536	0.2800	0.0000	0.6550	0.0258	0.0145	9	-14.53	29%	0
027.31	Magnesium, AAS, Dry ash (%)	0939	0.6350	0.0300	0.6550	0.0258	0.0145	9	-0.78	2%	0
027.31	Magnesium, AAS, Dry ash (%)	2022	0.6400	0.0060	0.6550	0.0258	0.0145	9	-0.58	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0142	0.6474	0.0296	0.6550	0.0258	0.0145	9	-0.30	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0656	0.6600	0.0000	0.6550	0.0258	0.0145	9	0.19	0%	0
027.31	Magnesium, AAS, Dry ash (%)	0208	0.6625	0.0170	0.6550	0.0258	0.0145	9	0.29	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0868	0.6650	0.0300	0.6550	0.0258	0.0145	9	0.39	1%	0
027.31	Magnesium, AAS, Dry ash (%)	2196	0.6800	0.0000	0.6550	0.0258	0.0145	9	0.97	2%	0
027.31	Magnesium, AAS, Dry ash (%)	0563	0.6891	0.0181	0.6550	0.0258	0.0145	9	1.32	3%	0
027.32	Magnesium, AAS, Open vessel (%)	0169	0.6450	0.0100				1			0
027.33	Magnesium, AAS, Microwave (%)	0948	0.6630	0.0060				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	
027.41	Magnesium, ICP, Dry ash (%)	0407	0.4791	0.0017	0.6209	0.0619	0.0278	11	-2.29	11%	0
027.41	Magnesium, ICP, Dry ash (%)	0049	0.5550	0.0300	0.6209	0.0619	0.0278	11	-1.06	5%	0
027.41	Magnesium, ICP, Dry ash (%)	0598	0.5869	0.0008	0.6209	0.0619	0.0278	11	-0.55	3%	0
027.41	Magnesium, ICP, Dry ash (%)	0098	0.6000	0.0200	0.6209	0.0619	0.0278	11	-0.34	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0358	0.6000	0.0400	0.6209	0.0619	0.0278	11	-0.34	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0019	0.6050	0.0300	0.6209	0.0619	0.0278	11	-0.26	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0171	0.6450	0.0100	0.6209	0.0619	0.0278	11	0.39	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0226	0.6550	0.0100	0.6209	0.0619	0.0278	11	0.55	3%	0
027.41	Magnesium, ICP, Dry ash (%)	0520	0.6700	0.1000	0.6209	0.0619	0.0278	11	0.79	4%	0
027.41	Magnesium, ICP, Dry ash (%)	0148	0.6855	0.0630	0.6209	0.0619	0.0278	11	1.04	5%	0
027.41	Magnesium, ICP, Dry ash (%)	0354	0.7000	0.0000	0.6209	0.0619	0.0278	11	1.28	6%	0
027.42	Magnesium, ICP, Open vessel (%)	2259	0.5070	0.0160	0.6145	0.0363	0.0268	16	-2.96	9%	0
027.42	Magnesium, ICP, Open vessel (%)	0366	0.5550	0.0300	0.6145	0.0363	0.0268	16	-1.64	5%	0
027.42	Magnesium, ICP, Open vessel (%)	0413	0.5750	0.0100	0.6145	0.0363	0.0268	16	-1.09	3%	0
027.42	Magnesium, ICP, Open vessel (%)	0042	0.5815	0.0030	0.6145	0.0363	0.0268	16	-0.91	3%	0
027.42	Magnesium, ICP, Open vessel (%)	0357	0.5964	0.0064	0.6145	0.0363	0.0268	16	-0.50	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0693	0.6035	0.0790	0.6145	0.0363	0.0268	16	-0.30	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0045	0.6055	0.0430	0.6145	0.0363	0.0268	16	-0.25	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0870	0.6255	0.0261	0.6145	0.0363	0.0268	16	0.30	1%	0
027.42	Magnesium, ICP, Open vessel (%)	2129	0.6255	0.0179	0.6145	0.0363	0.0268	16	0.30	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0692	0.6300	0.1000	0.6145	0.0363	0.0268	16	0.43	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0263	0.6400	0.0060	0.6145	0.0363	0.0268	16	0.70	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0265	0.6400	0.0000	0.6145	0.0363	0.0268	16	0.70	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0294	0.6400	0.0200	0.6145	0.0363	0.0268	16	0.70	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0278	0.6450	0.0300	0.6145	0.0363	0.0268	16	0.84	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0685	0.6450	0.0100	0.6145	0.0363	0.0268	16	0.84	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0037	0.6590	0.0320	0.6145	0.0363	0.0268	16	1.23	4%	0
027.43	Magnesium, ICP, Microwave (%)	0407	0.5382	0.0132	0.6225	0.0516	0.0181	19	-1.63	7%	0
027.43	Magnesium, ICP, Microwave (%)	0353	0.5650	0.0300	0.6225	0.0516	0.0181	19	-1.11	5%	0
027.43	Magnesium, ICP, Microwave (%)	0300	0.5751	0.0241	0.6225	0.0516	0.0181	19	-0.92	4%	0
027.43	Magnesium, ICP, Microwave (%)	0083	0.5793	0.0165	0.6225	0.0516	0.0181	19	-0.84	3%	0
027.43	Magnesium, ICP, Microwave (%)	0510	0.5850	0.0100	0.6225	0.0516	0.0181	19	-0.73	3%	0
027.43	Magnesium, ICP, Microwave (%)	0610	0.5850	0.0500	0.6225	0.0516	0.0181	19	-0.73	3%	0
027.43	Magnesium, ICP, Microwave (%)	0202	0.5905	0.0110	0.6225	0.0516	0.0181	19	-0.62	3%	0
027.43	Magnesium, ICP, Microwave (%)	2033	0.6000	0.0200	0.6225	0.0516	0.0181	19	-0.44	2%	0
027.43	Magnesium, ICP, Microwave (%)	0870	0.6016	0.0279	0.6225	0.0516	0.0181	19	-0.41	2%	0
027.43	Magnesium, ICP, Microwave (%)	0968	0.6275	0.0010	0.6225	0.0516	0.0181	19	0.10	0%	0
027.43	Magnesium, ICP, Microwave (%)	2326	0.6300	0.0100	0.6225	0.0516	0.0181	19	0.14	1%	0
027.43	Magnesium, ICP, Microwave (%)	0675	0.6450	0.0100	0.6225	0.0516	0.0181	19	0.44	2%	0
027.43	Magnesium, ICP, Microwave (%)	2089	0.6500	0.0200	0.6225	0.0516	0.0181	19	0.53	2%	0
027.43	Magnesium, ICP, Microwave (%)	0918	0.6565	0.0310	0.6225	0.0516	0.0181	19	0.66	3%	0
027.43	Magnesium, ICP, Microwave (%)	0682	0.6600	0.0000	0.6225	0.0516	0.0181	19	0.73	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	
027.43	Magnesium, ICP, Microwave (%)	0345	0.6725	0.0130	0.6225	0.0516	0.0181	19	0.97	4%	0
027.43	Magnesium, ICP, Microwave (%)	0017	0.6750	0.0160	0.6225	0.0516	0.0181	19	1.02	4%	0
027.43	Magnesium, ICP, Microwave (%)	2012	0.6850	0.0100	0.6225	0.0516	0.0181	19	1.21	5%	0
027.43	Magnesium, ICP, Microwave (%)	2192	0.7050	0.0300	0.6225	0.0516	0.0181	19	1.60	7%	0
027.43	Magnesium, ICP, Microwave (%)	0425	6,898	162.0	0.6225	0.0516	0.0181	19	133687.40	554012%	2
027.44	Magnesium, ICP, Dry ash (%)	0164	0.6760	0.0280				1			0
027.52	Magnesium, ICP-MS, Open vessel (%)	0154	0.6067	0.0143				1			0
027.53	Magnesium, ICP-MS, Microwave (%)	0015	0.5300	0.0200	0.5886	0.0482	0.0197	5			0
027.53	Magnesium, ICP-MS, Microwave (%)	0553	0.5420	0.0060	0.5886	0.0482	0.0197	5			0
027.53	Magnesium, ICP-MS, Microwave (%)	0939	0.6200	0.0200	0.5886	0.0482	0.0197	5			0
027.53	Magnesium, ICP-MS, Microwave (%)	2055	0.6233	0.0514	0.5886	0.0482	0.0197	5			0
027.53	Magnesium, ICP-MS, Microwave (%)	0572	0.6275	0.0010	0.5886	0.0482	0.0197	5			0
027.99	Magnesium, Miscellaneous (%)	0242	0.6100	0.0000				3			0
027.99	Magnesium, Miscellaneous (%)	0590	0.6150	0.0500				3			0
027.99	Magnesium, Miscellaneous (%)	0100	0.7000	0.0000				3			0
028.31	Manganese, AAS, Dry ash (ppm)	0536	427.1	0.7500	896.1	107.6	16.39	15	-4.36	26%	0
028.31	Manganese, AAS, Dry ash (ppm)	0674	751.3	0.0000	896.1	107.6	16.39	15	-1.35	8%	0
028.31	Manganese, AAS, Dry ash (ppm)	0563	816.0	21.86	896.1	107.6	16.39	15	-0.74	4%	0
028.31	Manganese, AAS, Dry ash (ppm)	2196	834.1	0.0000	896.1	107.6	16.39	15	-0.58	3%	0
028.31	Manganese, AAS, Dry ash (ppm)	0884	844.3	65.30	896.1	107.6	16.39	15	-0.48	3%	0
028.31	Manganese, AAS, Dry ash (ppm)	0001	869.7	56.60	896.1	107.6	16.39	15	-0.25	1%	0
028.31	Manganese, AAS, Dry ash (ppm)	0175	880.0	20.00	896.1	107.6	16.39	15	-0.15	1%	0
028.31	Manganese, AAS, Dry ash (ppm)	0529	885.1	4.000	896.1	107.6	16.39	15	-0.10	1%	0
028.31	Manganese, AAS, Dry ash (ppm)	0939	902.5	12.67	896.1	107.6	16.39	15	0.06	0%	0
028.31	Manganese, AAS, Dry ash (ppm)	0208	941.5	45.00	896.1	107.6	16.39	15	0.42	3%	0
028.31	Manganese, AAS, Dry ash (ppm)	2022	949.0	8.000	896.1	107.6	16.39	15	0.49	3%	0
028.31	Manganese, AAS, Dry ash (ppm)	0868	952.5	7.000	896.1	107.6	16.39	15	0.52	3%	0
028.31	Manganese, AAS, Dry ash (ppm)	0656	965.5	0.0000	896.1	107.6	16.39	15	0.65	4%	0
028.31	Manganese, AAS, Dry ash (ppm)	2188	1,162	4.720	896.1	107.6	16.39	15	2.48	15%	0
028.31	Manganese, AAS, Dry ash (ppm)	0689	1,300	0.0000	896.1	107.6	16.39	15	3.76	23%	0
028.33	Manganese, AAS, Microwave (ppm)	0948	795.6	15.56				1			0
028.34	Manganese, AAS, Dry ash (ppm)	2246	48.86	0.0800				1			0
028.41	Manganese, ICP, Dry ash (ppm)	0229	536.4	21.92	825.2	94.09	23.39	19	-3.07	17%	0
028.41	Manganese, ICP, Dry ash (ppm)	0354	686.9	3.000	825.2	94.09	23.39	19	-1.47	8%	0
028.41	Manganese, ICP, Dry ash (ppm)	0407	717.3	0.5205	825.2	94.09	23.39	19	-1.15	7%	0
028.41	Manganese, ICP, Dry ash (ppm)	0520	721.5	3.000	825.2	94.09	23.39	19	-1.10	6%	0
028.41	Manganese, ICP, Dry ash (ppm)	0171	769.3	15.30	825.2	94.09	23.39	19	-0.60	3%	0
028.41	Manganese, ICP, Dry ash (ppm)	0049	771.4	70.17	825.2	94.09	23.39	19	-0.57	3%	0
028.41	Manganese, ICP, Dry ash (ppm)	0878	785.5	3.000	825.2	94.09	23.39	19	-0.42	2%	0
028.41	Manganese, ICP, Dry ash (ppm)	0619	799.5	29.00	825.2	94.09	23.39	19	-0.27	2%	0
028.41	Manganese, ICP, Dry ash (ppm)	0226	835.9	6.640	825.2	94.09	23.39	19	0.11	1%	0
028.41	Manganese, ICP, Dry ash (ppm)	0358	842.3	60.04	825.2	94.09	23.39	19	0.18	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
028.41	Manganese, ICP, Dry ash (ppm)	0598	848.3	14.10	825.2	94.09	23.39	19	0.24	1%	0
028.41	Manganese, ICP, Dry ash (ppm)	0011	867.3	0.0000	825.2	94.09	23.39	19	0.45	3%	0
028.41	Manganese, ICP, Dry ash (ppm)	0019	882.6	28.70	825.2	94.09	23.39	19	0.61	3%	0
028.41	Manganese, ICP, Dry ash (ppm)	0208	883.1	46.40	825.2	94.09	23.39	19	0.62	4%	0
028.41	Manganese, ICP, Dry ash (ppm)	2022	888.9	24.39	825.2	94.09	23.39	19	0.68	4%	0
028.41	Manganese, ICP, Dry ash (ppm)	0098	898.4	46.50	825.2	94.09	23.39	19	0.78	4%	0
028.41	Manganese, ICP, Dry ash (ppm)	0910	912.5	51.00	825.2	94.09	23.39	19	0.93	5%	0
028.41	Manganese, ICP, Dry ash (ppm)	0004	928.4	1.940	825.2	94.09	23.39	19	1.10	6%	0
028.41	Manganese, ICP, Dry ash (ppm)	0148	956.3	18.80	825.2	94.09	23.39	19	1.39	8%	0
028.42	Manganese, ICP, Open vessel (ppm)	0870	697.0	16.00	839.9	58.60	32.01	21	-2.44	9%	0
028.42	Manganese, ICP, Open vessel (ppm)	2259	740.0	58.00	839.9	58.60	32.01	21	-1.70	6%	0
028.42	Manganese, ICP, Open vessel (ppm)	2319	784.5	23.00	839.9	58.60	32.01	21	-0.94	3%	0
028.42	Manganese, ICP, Open vessel (ppm)	0357	787.6	5.232	839.9	58.60	32.01	21	-0.89	3%	0
028.42	Manganese, ICP, Open vessel (ppm)	2129	791.8	3.800	839.9	58.60	32.01	21	-0.82	3%	0
028.42	Manganese, ICP, Open vessel (ppm)	0692	809.0	66.00	839.9	58.60	32.01	21	-0.53	2%	0
028.42	Manganese, ICP, Open vessel (ppm)	0045	812.0	6.000	839.9	58.60	32.01	21	-0.48	2%	0
028.42	Manganese, ICP, Open vessel (ppm)	0693	819.9	115.7	839.9	58.60	32.01	21	-0.34	1%	0
028.42	Manganese, ICP, Open vessel (ppm)	0042	831.5	33.00	839.9	58.60	32.01	21	-0.14	0%	0
028.42	Manganese, ICP, Open vessel (ppm)	0263	836.9	3.480	839.9	58.60	32.01	21	-0.05	0%	0
028.42	Manganese, ICP, Open vessel (ppm)	0366	841.5	79.00	839.9	58.60	32.01	21	0.03	0%	0
028.42	Manganese, ICP, Open vessel (ppm)	0278	849.0	50.00	839.9	58.60	32.01	21	0.16	1%	0
028.42	Manganese, ICP, Open vessel (ppm)	0726	850.0	8.400	839.9	58.60	32.01	21	0.17	1%	0
028.42	Manganese, ICP, Open vessel (ppm)	0413	856.5	51.00	839.9	58.60	32.01	21	0.28	1%	0
028.42	Manganese, ICP, Open vessel (ppm)	0009	858.5	1.000	839.9	58.60	32.01	21	0.32	1%	0
028.42	Manganese, ICP, Open vessel (ppm)	0685	862.4	0.0100	839.9	58.60	32.01	21	0.38	1%	0
028.42	Manganese, ICP, Open vessel (ppm)	2053	878.5	21.00	839.9	58.60	32.01	21	0.66	2%	0
028.42	Manganese, ICP, Open vessel (ppm)	0265	880.5	63.00	839.9	58.60	32.01	21	0.69	2%	0
028.42	Manganese, ICP, Open vessel (ppm)	0190	938.6	3.800	839.9	58.60	32.01	21	1.68	6%	0
028.42	Manganese, ICP, Open vessel (ppm)	0037	991.3	34.70	839.9	58.60	32.01	21	2.58	9%	0
028.42	Manganese, ICP, Open vessel (ppm)	0294	1,089	30.09	839.9	58.60	32.01	21	4.25	15%	0
028.42	Manganese, ICP, Open vessel (ppm)	2012	2,015	5.540	839.9	58.60	32.01	21	20.05	70%	2
028.43	Manganese, ICP, Microwave (ppm)	0914	672.4	14.80	840.4	89.32	23.07	26	-1.88	10%	0
028.43	Manganese, ICP, Microwave (ppm)	0870	703.5	7.900	840.4	89.32	23.07	26	-1.53	8%	0
028.43	Manganese, ICP, Microwave (ppm)	0675	703.5	22.89	840.4	89.32	23.07	26	-1.53	8%	0
028.43	Manganese, ICP, Microwave (ppm)	2058	730.0	28.46	840.4	89.32	23.07	26	-1.24	7%	0
028.43	Manganese, ICP, Microwave (ppm)	0353	755.5	67.00	840.4	89.32	23.07	26	-0.95	5%	0
028.43	Manganese, ICP, Microwave (ppm)	0169	761.0	4.000	840.4	89.32	23.07	26	-0.89	5%	0
028.43	Manganese, ICP, Microwave (ppm)	0425	785.6	11.40	840.4	89.32	23.07	26	-0.61	3%	0
028.43	Manganese, ICP, Microwave (ppm)	0407	805.5	14.46	840.4	89.32	23.07	26	-0.39	2%	0
028.43	Manganese, ICP, Microwave (ppm)	2033	821.7	11.05	840.4	89.32	23.07	26	-0.21	1%	0
028.43	Manganese, ICP, Microwave (ppm)	0510	833.5	3.000	840.4	89.32	23.07	26	-0.08	0%	0
028.43	Manganese, ICP, Microwave (ppm)	2234	836.5	9.040	840.4	89.32	23.07	26	-0.04	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	
028.43	Manganese, ICP, Microwave (ppm)	0083	844.0	6.000	840.4	89.32	23.07	26	0.04	0%	0
028.43	Manganese, ICP, Microwave (ppm)	0300	845.6	15.45	840.4	89.32	23.07	26	0.06	0%	0
028.43	Manganese, ICP, Microwave (ppm)	0505	846.1	87.40	840.4	89.32	23.07	26	0.06	0%	0
028.43	Manganese, ICP, Microwave (ppm)	0033	849.5	11.00	840.4	89.32	23.07	26	0.10	1%	0
028.43	Manganese, ICP, Microwave (ppm)	0610	855.0	64.00	840.4	89.32	23.07	26	0.16	1%	0
028.43	Manganese, ICP, Microwave (ppm)	2089	871.2	53.84	840.4	89.32	23.07	26	0.34	2%	0
028.43	Manganese, ICP, Microwave (ppm)	0682	873.8	0.0000	840.4	89.32	23.07	26	0.37	2%	0
028.43	Manganese, ICP, Microwave (ppm)	0013	882.5	3.000	840.4	89.32	23.07	26	0.47	3%	0
028.43	Manganese, ICP, Microwave (ppm)	0918	883.5	9.690	840.4	89.32	23.07	26	0.48	3%	0
028.43	Manganese, ICP, Microwave (ppm)	0345	910.0	8.000	840.4	89.32	23.07	26	0.78	4%	0
028.43	Manganese, ICP, Microwave (ppm)	2326	917.5	73.00	840.4	89.32	23.07	26	0.86	5%	0
028.43	Manganese, ICP, Microwave (ppm)	0968	932.5	1.000	840.4	89.32	23.07	26	1.03	5%	0
028.43	Manganese, ICP, Microwave (ppm)	0017	956.8	21.37	840.4	89.32	23.07	26	1.30	7%	0
028.43	Manganese, ICP, Microwave (ppm)	0202	963.3	9.100	840.4	89.32	23.07	26	1.38	7%	0
028.43	Manganese, ICP, Microwave (ppm)	0043	970.5	43.00	840.4	89.32	23.07	26	1.46	8%	0
028.44	Manganese, ICP, Dry ash (ppm)	0164	855.0	44.00				2			0
028.44	Manganese, ICP, Dry ash (ppm)	0066	1,192	35.81				2			0
028.52	Manganese, ICP-MS, Open vessel (ppm)	0047	918.3	57.53				1			0
028.53	Manganese, ICP-MS, Microwave (ppm)	0015	745.2	17.63	845.1	85.26	9.408	4			0
028.53	Manganese, ICP-MS, Microwave (ppm)	0553	803.0	4.000	845.1	85.26	9.408	4			0
028.53	Manganese, ICP-MS, Microwave (ppm)	0572	915.5	11.00	845.1	85.26	9.408	4			0
028.53	Manganese, ICP-MS, Microwave (ppm)	0939	916.5	5.000	845.1	85.26	9.408	4			0
028.53	Manganese, ICP-MS, Microwave (ppm)	2055	845.5	63.30	845.1	85.26	9.408	4			1
028.99	Manganese, Miscellaneous (ppm)	0242	853.5	21.00	946.3	75.88	26.38	4			0
028.99	Manganese, Miscellaneous (ppm)	0590	915.5	75.00	946.3	75.88	26.38	4			0
028.99	Manganese, Miscellaneous (ppm)	2144	1,002	7.500	946.3	75.88	26.38	4			0
028.99	Manganese, Miscellaneous (ppm)	0100	1,014	2.000	946.3	75.88	26.38	4			0
031.00	Phosphorus, Vol (%)	0893	4.565	0.0500				1			0
031.01	Phosphorus, Photometric (%)	0868	4.510	0.0600	4.951	0.1003	0.0786	27	-4.40	4%	0
031.01	Phosphorus, Photometric (%)	2144	4.585	0.0500	4.951	0.1003	0.0786	27	-3.65	4%	0
031.01	Phosphorus, Photometric (%)	0018	4.660	0.1800	4.951	0.1003	0.0786	27	-2.90	3%	0
031.01	Phosphorus, Photometric (%)	2246	4.850	0.0600	4.951	0.1003	0.0786	27	-1.01	1%	0
031.01	Phosphorus, Photometric (%)	0884	4.885	0.2100	4.951	0.1003	0.0786	27	-0.66	1%	0
031.01	Phosphorus, Photometric (%)	0939	4.885	0.0700	4.951	0.1003	0.0786	27	-0.66	1%	0
031.01	Phosphorus, Photometric (%)	2006	4.894	0.0320	4.951	0.1003	0.0786	27	-0.57	1%	0
031.01	Phosphorus, Photometric (%)	0687	4.900	0.2000	4.951	0.1003	0.0786	27	-0.51	1%	0
031.01	Phosphorus, Photometric (%)	2196	4.903	0.0000	4.951	0.1003	0.0786	27	-0.48	0%	0
031.01	Phosphorus, Photometric (%)	0142	4.914	0.0549	4.951	0.1003	0.0786	27	-0.37	0%	0
031.01	Phosphorus, Photometric (%)	0208	4.925	0.0030	4.951	0.1003	0.0786	27	-0.26	0%	0
031.01	Phosphorus, Photometric (%)	0656	4.930	0.0000	4.951	0.1003	0.0786	27	-0.21	0%	0
031.01	Phosphorus, Photometric (%)	0175	4.935	0.0700	4.951	0.1003	0.0786	27	-0.16	0%	0
031.01	Phosphorus, Photometric (%)	2022	4.940	0.0200	4.951	0.1003	0.0786	27	-0.11	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
031.01	Phosphorus, Photometric (%)	2058	4.950	0.1000	4.951	0.1003	0.0786	27	-0.01	0%	0
031.01	Phosphorus, Photometric (%)	0563	4.956	0.0214	4.951	0.1003	0.0786	27	0.05	0%	0
031.01	Phosphorus, Photometric (%)	0881	4.975	0.1740	4.951	0.1003	0.0786	27	0.24	0%	0
031.01	Phosphorus, Photometric (%)	2192	4.990	0.0400	4.951	0.1003	0.0786	27	0.39	0%	0
031.01	Phosphorus, Photometric (%)	0878	4.995	0.0100	4.951	0.1003	0.0786	27	0.44	0%	0
031.01	Phosphorus, Photometric (%)	2188	4.995	0.4300	4.951	0.1003	0.0786	27	0.44	0%	0
031.01	Phosphorus, Photometric (%)	0689	5.005	0.1700	4.951	0.1003	0.0786	27	0.54	1%	0
031.01	Phosphorus, Photometric (%)	0948	5.025	0.0300	4.951	0.1003	0.0786	27	0.74	1%	0
031.01	Phosphorus, Photometric (%)	0683	5.050	0.0400	4.951	0.1003	0.0786	27	0.99	1%	0
031.01	Phosphorus, Photometric (%)	2009	5.069	0.0151	4.951	0.1003	0.0786	27	1.18	1%	0
031.01	Phosphorus, Photometric (%)	0674	5.220	0.0000	4.951	0.1003	0.0786	27	2.68	3%	0
031.01	Phosphorus, Photometric (%)	0529	5.270	0.0400	4.951	0.1003	0.0786	27	3.18	3%	0
031.01	Phosphorus, Photometric (%)	2109	5.947	0.0410	4.951	0.1003	0.0786	27	9.93	10%	0
031.01	Phosphorus, Photometric (%)	2302	4.980	0.9800	4.951	0.1003	0.0786	27	0.29	0%	1
031.01	Phosphorus, Photometric (%)	0108	1.540	0.1800	4.951	0.1003	0.0786	27	-34.01	34%	2
031.02	Phosphorus, GQMP (AOAC 935.13-Extraction) (%)	0505	4.880	0.3800				2			0
031.02	Phosphorus, GQMP (AOAC 935.13-Extraction) (%)	2053	5.225	0.1100				2			0
031.03	Phosphorus, Autoanalyzer (%)	0001	4.916	0.0640				2			0
031.03	Phosphorus, Autoanalyzer (%)	0169	5.315	0.0900				2			0
031.41	Phosphorus, ICP, Dry ash (%)	0520	0.0500	0.0000	4.892	0.3343	0.1509	20	-14.49	49%	0
031.41	Phosphorus, ICP, Dry ash (%)	0229	3.005	0.0900	4.892	0.3343	0.1509	20	-5.65	19%	0
031.41	Phosphorus, ICP, Dry ash (%)	0685	4.265	0.0100	4.892	0.3343	0.1509	20	-1.88	6%	0
031.41	Phosphorus, ICP, Dry ash (%)	0358	4.575	0.3500	4.892	0.3343	0.1509	20	-0.95	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0049	4.695	0.1500	4.892	0.3343	0.1509	20	-0.59	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0598	4.709	0.1030	4.892	0.3343	0.1509	20	-0.55	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0019	4.710	0.1200	4.892	0.3343	0.1509	20	-0.54	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0910	4.850	0.0200	4.892	0.3343	0.1509	20	-0.13	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0848	4.915	0.0500	4.892	0.3343	0.1509	20	0.07	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0144	4.940	0.1200	4.892	0.3343	0.1509	20	0.14	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0354	4.970	0.0600	4.892	0.3343	0.1509	20	0.23	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0148	5.040	0.2600	4.892	0.3343	0.1509	20	0.44	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0226	5.045	0.1900	4.892	0.3343	0.1509	20	0.46	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0171	5.055	0.1500	4.892	0.3343	0.1509	20	0.49	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0098	5.062	0.0510	4.892	0.3343	0.1509	20	0.51	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0208	5.158	0.5480	4.892	0.3343	0.1509	20	0.80	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0407	5.165	0.0755	4.892	0.3343	0.1509	20	0.82	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	2259	5.184	0.0010	4.892	0.3343	0.1509	20	0.87	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0004	5.205	0.6300	4.892	0.3343	0.1509	20	0.94	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0619	5.880	0.0400	4.892	0.3343	0.1509	20	2.96	10%	0
031.42	Phosphorus, ICP, Open vessel (%)	0357	4.297	0.0684	4.960	0.3161	0.1535	19	-2.10	7%	0
031.42	Phosphorus, ICP, Open vessel (%)	0278	4.500	0.0800	4.960	0.3161	0.1535	19	-1.45	5%	0
031.42	Phosphorus, ICP, Open vessel (%)	0870	4.514	0.0770	4.960	0.3161	0.1535	19	-1.41	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 (%)	0042	4.690	0.0200	4.960	0.3161	0.1535	19	-0.85	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	2129	4.790	0.1730	4.960	0.3161	0.1535	19	-0.54	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0265	4.860	0.1400	4.960	0.3161	0.1535	19	-0.32	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0693	4.885	0.1060	4.960	0.3161	0.1535	19	-0.24	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0366	4.900	0.4600	4.960	0.3161	0.1535	19	-0.19	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0045	4.915	0.2900	4.960	0.3161	0.1535	19	-0.14	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	2012	4.920	0.0000	4.960	0.3161	0.1535	19	-0.13	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0037	5.021	0.0190	4.960	0.3161	0.1535	19	0.19	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0263	5.037	0.0630	4.960	0.3161	0.1535	19	0.24	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0047	5.145	0.3700	4.960	0.3161	0.1535	19	0.59	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0413	5.155	0.1300	4.960	0.3161	0.1535	19	0.62	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0726	5.199	0.0410	4.960	0.3161	0.1535	19	0.76	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0190	5.245	0.0100	4.960	0.3161	0.1535	19	0.90	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	0009	5.250	0.3000	4.960	0.3161	0.1535	19	0.92	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	2319	5.290	0.4400	4.960	0.3161	0.1535	19	1.05	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	0294	5.485	0.1300	4.960	0.3161	0.1535	19	1.66	5%	0
031.42	Phosphorus, ICP, Open vessel (%)	0692	3.870	3.060	4.960	0.3161	0.1535	19	-3.45	11%	1
031.43	Phosphorus, ICP, Microwave (%)	0870	4.513	0.0240	5.087	0.2677	0.1053	26	-2.14	6%	0
031.43	Phosphorus, ICP, Microwave (%)	0407	4.689	0.0311	5.087	0.2677	0.1053	26	-1.48	4%	0
031.43	Phosphorus, ICP, Microwave (%)	0017	4.812	0.0530	5.087	0.2677	0.1053	26	-1.03	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0610	4.825	0.2700	5.087	0.2677	0.1053	26	-0.98	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0675	4.860	0.2200	5.087	0.2677	0.1053	26	-0.85	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0682	4.920	0.0000	5.087	0.2677	0.1053	26	-0.62	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0027	4.924	0.1280	5.087	0.2677	0.1053	26	-0.61	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0425	4.935	0.1900	5.087	0.2677	0.1053	26	-0.57	1%	0
031.43	Phosphorus, ICP, Microwave (%)	2058	4.952	0.1260	5.087	0.2677	0.1053	26	-0.50	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0010	4.975	0.0300	5.087	0.2677	0.1053	26	-0.42	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0202	4.975	0.1700	5.087	0.2677	0.1053	26	-0.42	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0033	4.990	0.0400	5.087	0.2677	0.1053	26	-0.36	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0036	5.062	0.1377	5.087	0.2677	0.1053	26	-0.09	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0353	5.105	0.0500	5.087	0.2677	0.1053	26	0.07	0%	0
031.43	Phosphorus, ICP, Microwave (%)	2326	5.105	0.0900	5.087	0.2677	0.1053	26	0.07	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0918	5.168	0.0060	5.087	0.2677	0.1053	26	0.30	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0510	5.180	0.0200	5.087	0.2677	0.1053	26	0.35	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0345	5.185	0.0700	5.087	0.2677	0.1053	26	0.37	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0968	5.204	0.0080	5.087	0.2677	0.1053	26	0.44	1%	0
031.43	Phosphorus, ICP, Microwave (%)	2033	5.240	0.1000	5.087	0.2677	0.1053	26	0.57	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0914	5.260	0.1141	5.087	0.2677	0.1053	26	0.65	2%	0
031.43	Phosphorus, ICP, Microwave (%)	2143	5.285	0.0300	5.087	0.2677	0.1053	26	0.74	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0083	5.450	0.1000	5.087	0.2677	0.1053	26	1.36	4%	0
031.43	Phosphorus, ICP, Microwave (%)	2089	5.490	0.3200	5.087	0.2677	0.1053	26	1.51	4%	0
031.43	Phosphorus, ICP, Microwave (%)	2234	5.610	0.3800	5.087	0.2677	0.1053	26	1.96	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			
031.43	Phosphorus, ICP, Microwave (%)	0043	6.135	0.0300	5.087	0.2677	0.1053	26	3.92	10%	0
031.43	Phosphorus, ICP, Microwave (%)	0300	4.724	0.5730	5.087	0.2677	0.1053	26	-1.36	4%	1
031.44	Phosphorus, ICP, Dry ash (%)	0066	4.720	0.5200				2			0
031.44	Phosphorus, ICP, Dry ash (%)	0164	4.870	0.1600				2			0
031.52	Phosphorus, ICP-MS, Open vessel (%)	0154	4.463	0.0044				1			0
031.53	Phosphorus, ICP-MS, Microwave (%)	0015	3.980	0.2200	4.745	0.5056	0.1911	5			0
031.53	Phosphorus, ICP-MS, Microwave (%)	0553	4.570	0.2600	4.745	0.5056	0.1911	5			0
031.53	Phosphorus, ICP-MS, Microwave (%)	0939	4.790	0.0200	4.745	0.5056	0.1911	5			0
031.53	Phosphorus, ICP-MS, Microwave (%)	2055	5.144	0.1556	4.745	0.5056	0.1911	5			0
031.53	Phosphorus, ICP-MS, Microwave (%)	0572	5.240	0.3000	4.745	0.5056	0.1911	5			0
031.99	Phosphorus, Miscellaneous (%)	0100	4.965	0.0300				2			0
031.99	Phosphorus, Miscellaneous (%)	0676	5.145	0.0300				2			0
031.99	Phosphorus, Miscellaneous (%)	0242	4.775	0.1700				2			1
031.99	Phosphorus, Miscellaneous (%)	2290	0.7490	0.0216				2			2
032.31	Potassium, AAS, Dry ash (%)	0536	0.0650	0.0100	0.2509	0.0936	0.0107	8	-1.99	37%	0
032.31	Potassium, AAS, Dry ash (%)	0208	0.1985	0.0050	0.2509	0.0936	0.0107	8	-0.56	10%	0
032.31	Potassium, AAS, Dry ash (%)	0939	0.2050	0.0100	0.2509	0.0936	0.0107	8	-0.49	9%	0
032.31	Potassium, AAS, Dry ash (%)	0868	0.2500	0.0200	0.2509	0.0936	0.0107	8	-0.01	0%	0
032.31	Potassium, AAS, Dry ash (%)	0563	0.2650	0.0104	0.2509	0.0936	0.0107	8	0.15	3%	0
032.31	Potassium, AAS, Dry ash (%)	0142	0.2818	0.0100	0.2509	0.0936	0.0107	8	0.33	6%	0
032.31	Potassium, AAS, Dry ash (%)	0948	0.3050	0.0100	0.2509	0.0936	0.0107	8	0.58	11%	0
032.31	Potassium, AAS, Dry ash (%)	2022	0.4450	0.0100	0.2509	0.0936	0.0107	8	2.07	39%	0
032.32	Potassium, AAS, Open vessel (%)	0169	0.2450	0.0100				1			0
032.41	Potassium, ICP, Dry ash (%)	0354	0.2150	0.0300	0.2748	0.0600	0.0270	12	-1.00	11%	0
032.41	Potassium, ICP, Dry ash (%)	0148	0.2220	0.0020	0.2748	0.0600	0.0270	12	-0.88	10%	0
032.41	Potassium, ICP, Dry ash (%)	0208	0.2220	0.0000	0.2748	0.0600	0.0270	12	-0.88	10%	0
032.41	Potassium, ICP, Dry ash (%)	0171	0.2290	0.0040	0.2748	0.0600	0.0270	12	-0.76	8%	0
032.41	Potassium, ICP, Dry ash (%)	0358	0.2500	0.0200	0.2748	0.0600	0.0270	12	-0.41	5%	0
032.41	Potassium, ICP, Dry ash (%)	0019	0.2550	0.0900	0.2748	0.0600	0.0270	12	-0.33	4%	0
032.41	Potassium, ICP, Dry ash (%)	0520	0.2650	0.0100	0.2748	0.0600	0.0270	12	-0.16	2%	0
032.41	Potassium, ICP, Dry ash (%)	0407	0.2935	0.0060	0.2748	0.0600	0.0270	12	0.31	3%	0
032.41	Potassium, ICP, Dry ash (%)	0049	0.3100	0.1200	0.2748	0.0600	0.0270	12	0.59	6%	0
032.41	Potassium, ICP, Dry ash (%)	0098	0.3100	0.0000	0.2748	0.0600	0.0270	12	0.59	6%	0
032.41	Potassium, ICP, Dry ash (%)	0598	0.3615	0.0022	0.2748	0.0600	0.0270	12	1.44	16%	0
032.41	Potassium, ICP, Dry ash (%)	0226	0.3900	0.0400	0.2748	0.0600	0.0270	12	1.92	21%	0
032.41	Potassium, ICP, Dry ash (%)	0011	5.800	0.2000	0.2748	0.0600	0.0270	12	92.07	1005%	2
032.42	Potassium, ICP, Open vessel (%)	2129	0.1471	0.0778	0.2184	0.0411	0.0262	16	-1.74	16%	0
032.42	Potassium, ICP, Open vessel (%)	0870	0.1795	0.0094	0.2184	0.0411	0.0262	16	-0.95	9%	0
032.42	Potassium, ICP, Open vessel (%)	0042	0.1930	0.0040	0.2184	0.0411	0.0262	16	-0.62	6%	0
032.42	Potassium, ICP, Open vessel (%)	0265	0.1950	0.0700	0.2184	0.0411	0.0262	16	-0.57	5%	0
032.42	Potassium, ICP, Open vessel (%)	0413	0.1950	0.0100	0.2184	0.0411	0.0262	16	-0.57	5%	0
032.42	Potassium, ICP, Open vessel (%)	0037	0.1955	0.0030	0.2184	0.0411	0.0262	16	-0.56	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	
032.42	Potassium, ICP, Open vessel (%)	0294	0.2000	0.0000	0.2184	0.0411	0.0262	16	-0.45	4%	0
032.42	Potassium, ICP, Open vessel (%)	0357	0.2141	0.0020	0.2184	0.0411	0.0262	16	-0.10	1%	0
032.42	Potassium, ICP, Open vessel (%)	0263	0.2190	0.0040	0.2184	0.0411	0.0262	16	0.01	0%	0
032.42	Potassium, ICP, Open vessel (%)	0692	0.2200	0.0400	0.2184	0.0411	0.0262	16	0.04	0%	0
032.42	Potassium, ICP, Open vessel (%)	0278	0.2250	0.0100	0.2184	0.0411	0.0262	16	0.16	2%	0
032.42	Potassium, ICP, Open vessel (%)	0693	0.2290	0.0400	0.2184	0.0411	0.0262	16	0.26	2%	0
032.42	Potassium, ICP, Open vessel (%)	0045	0.2325	0.0290	0.2184	0.0411	0.0262	16	0.34	3%	0
032.42	Potassium, ICP, Open vessel (%)	2053	0.3150	0.0300	0.2184	0.0411	0.0262	16	2.35	22%	0
032.42	Potassium, ICP, Open vessel (%)	0366	0.3650	0.0100	0.2184	0.0411	0.0262	16	3.57	34%	0
032.42	Potassium, ICP, Open vessel (%)	2012	0.8100	0.0800	0.2184	0.0411	0.0262	16	14.41	135%	0
032.43	Potassium, ICP, Microwave (%)	2143	0.1550	0.0100	0.2498	0.0592	0.0136	18	-1.60	19%	0
032.43	Potassium, ICP, Microwave (%)	0870	0.1887	0.0052	0.2498	0.0592	0.0136	18	-1.03	12%	0
032.43	Potassium, ICP, Microwave (%)	0610	0.1950	0.0100	0.2498	0.0592	0.0136	18	-0.93	11%	0
032.43	Potassium, ICP, Microwave (%)	0345	0.2130	0.0060	0.2498	0.0592	0.0136	18	-0.62	7%	0
032.43	Potassium, ICP, Microwave (%)	0300	0.2136	0.0149	0.2498	0.0592	0.0136	18	-0.61	7%	0
032.43	Potassium, ICP, Microwave (%)	2033	0.2150	0.0100	0.2498	0.0592	0.0136	18	-0.59	7%	0
032.43	Potassium, ICP, Microwave (%)	2326	0.2345	0.0050	0.2498	0.0592	0.0136	18	-0.26	3%	0
032.43	Potassium, ICP, Microwave (%)	0083	0.2350	0.0100	0.2498	0.0592	0.0136	18	-0.25	3%	0
032.43	Potassium, ICP, Microwave (%)	0017	0.2405	0.0230	0.2498	0.0592	0.0136	18	-0.16	2%	0
032.43	Potassium, ICP, Microwave (%)	0918	0.2420	0.0040	0.2498	0.0592	0.0136	18	-0.13	2%	0
032.43	Potassium, ICP, Microwave (%)	0510	0.2450	0.0100	0.2498	0.0592	0.0136	18	-0.08	1%	0
032.43	Potassium, ICP, Microwave (%)	0407	0.2465	0.0739	0.2498	0.0592	0.0136	18	-0.06	1%	0
032.43	Potassium, ICP, Microwave (%)	0202	0.2680	0.0420	0.2498	0.0592	0.0136	18	0.31	4%	0
032.43	Potassium, ICP, Microwave (%)	0968	0.2815	0.0010	0.2498	0.0592	0.0136	18	0.54	6%	0
032.43	Potassium, ICP, Microwave (%)	0425	0.3100	0.0000	0.2498	0.0592	0.0136	18	1.02	12%	0
032.43	Potassium, ICP, Microwave (%)	0682	0.3300	0.0000	0.2498	0.0592	0.0136	18	1.36	16%	0
032.43	Potassium, ICP, Microwave (%)	0353	0.3650	0.0100	0.2498	0.0592	0.0136	18	1.95	23%	0
032.43	Potassium, ICP, Microwave (%)	0675	0.6450	0.0100	0.2498	0.0592	0.0136	18	6.68	79%	0
032.43	Potassium, ICP, Microwave (%)	2089	0.2200	0.1000	0.2498	0.0592	0.0136	18	-0.50	6%	1
032.44	Potassium, ICP, Dry ash (%)	0164	0.1855	0.0010				1			0
032.52	Potassium, ICP-MS, Open vessel (%)	0154	0.2080	0.0039				1			0
032.53	Potassium, ICP-MS, Microwave (%)	0553	0.1350	0.0000	0.1918	0.0424	0.0087	5			0
032.53	Potassium, ICP-MS, Microwave (%)	0015	0.1650	0.0100	0.1918	0.0424	0.0087	5			0
032.53	Potassium, ICP-MS, Microwave (%)	0572	0.2050	0.0100	0.1918	0.0424	0.0087	5			0
032.53	Potassium, ICP-MS, Microwave (%)	0939	0.2100	0.0200	0.1918	0.0424	0.0087	5			0
032.53	Potassium, ICP-MS, Microwave (%)	2055	0.2441	0.0036	0.1918	0.0424	0.0087	5			0
032.99	Potassium, Miscellaneous (%)	0100	0.1850	0.0100				3			0
032.99	Potassium, Miscellaneous (%)	0242	0.2600	0.0400				3			0
032.99	Potassium, Miscellaneous (%)	0590	0.3000	0.0100				3			0
033.00	Salt as chloride, Sol Cl (%)	0511	2.845	0.0300	6.382	0.4369	0.0960	16	-8.10	28%	0
033.00	Salt as chloride, Sol Cl (%)	0171	3.595	0.0100	6.382	0.4369	0.0960	16	-6.38	22%	0
033.00	Salt as chloride, Sol Cl (%)	0893	5.945	0.0700	6.382	0.4369	0.0960	16	-1.00	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	
033.00	Salt as chloride, Sol Cl (%)	2009	6.030	0.0258	6.382	0.4369	0.0960	16	-0.81	3%	0
033.00	Salt as chloride, Sol Cl (%)	0353	6.220	0.0400	6.382	0.4369	0.0960	16	-0.37	1%	0
033.00	Salt as chloride, Sol Cl (%)	0878	6.225	0.1900	6.382	0.4369	0.0960	16	-0.36	1%	0
033.00	Salt as chloride, Sol Cl (%)	2022	6.310	0.0200	6.382	0.4369	0.0960	16	-0.17	1%	0
033.00	Salt as chloride, Sol Cl (%)	0868	6.440	0.0400	6.382	0.4369	0.0960	16	0.13	0%	0
033.00	Salt as chloride, Sol Cl (%)	0309	6.493	0.0438	6.382	0.4369	0.0960	16	0.25	1%	0
033.00	Salt as chloride, Sol Cl (%)	0675	6.545	0.0300	6.382	0.4369	0.0960	16	0.37	1%	0
033.00	Salt as chloride, Sol Cl (%)	2196	6.580	0.0000	6.382	0.4369	0.0960	16	0.45	2%	0
033.00	Salt as chloride, Sol Cl (%)	0881	6.601	0.2570	6.382	0.4369	0.0960	16	0.50	2%	0
033.00	Salt as chloride, Sol Cl (%)	0366	6.620	0.0400	6.382	0.4369	0.0960	16	0.54	2%	0
033.00	Salt as chloride, Sol Cl (%)	0045	6.715	0.1100	6.382	0.4369	0.0960	16	0.76	3%	0
033.00	Salt as chloride, Sol Cl (%)	0693	6.903	0.3390	6.382	0.4369	0.0960	16	1.19	4%	0
033.00	Salt as chloride, Sol Cl (%)	0539	7.455	0.2900	6.382	0.4369	0.0960	16	2.46	8%	0
033.00	Salt as chloride, Sol Cl (%)	2076	6.165	0.6100	6.382	0.4369	0.0960	16	-0.50	2%	1
033.01	Salt as chloride, Poten Cl (%)	0425	6.240	0.1200	6.426	0.1236	0.0964	21	-1.50	1%	0
033.01	Salt as chloride, Poten Cl (%)	0083	6.260	0.0200	6.426	0.1236	0.0964	21	-1.34	1%	0
033.01	Salt as chloride, Poten Cl (%)	0354	6.260	0.0000	6.426	0.1236	0.0964	21	-1.34	1%	0
033.01	Salt as chloride, Poten Cl (%)	2109	6.270	0.1170	6.426	0.1236	0.0964	21	-1.26	1%	0
033.01	Salt as chloride, Poten Cl (%)	0003	6.300	0.0000	6.426	0.1236	0.0964	21	-1.02	1%	0
033.01	Salt as chloride, Poten Cl (%)	0098	6.365	0.1100	6.426	0.1236	0.0964	21	-0.49	0%	0
033.01	Salt as chloride, Poten Cl (%)	2022	6.390	0.0200	6.426	0.1236	0.0964	21	-0.29	0%	0
033.01	Salt as chloride, Poten Cl (%)	0001	6.430	0.0200	6.426	0.1236	0.0964	21	0.04	0%	0
033.01	Salt as chloride, Poten Cl (%)	0036	6.431	0.0703	6.426	0.1236	0.0964	21	0.04	0%	0
033.01	Salt as chloride, Poten Cl (%)	0148	6.434	0.2730	6.426	0.1236	0.0964	21	0.06	0%	0
033.01	Salt as chloride, Poten Cl (%)	0226	6.440	0.1000	6.426	0.1236	0.0964	21	0.12	0%	0
033.01	Salt as chloride, Poten Cl (%)	0683	6.445	0.0300	6.426	0.1236	0.0964	21	0.16	0%	0
033.01	Salt as chloride, Poten Cl (%)	0229	6.455	0.0700	6.426	0.1236	0.0964	21	0.24	0%	0
033.01	Salt as chloride, Poten Cl (%)	0510	6.460	0.0000	6.426	0.1236	0.0964	21	0.28	0%	0
033.01	Salt as chloride, Poten Cl (%)	0175	6.475	0.0500	6.426	0.1236	0.0964	21	0.40	0%	0
033.01	Salt as chloride, Poten Cl (%)	0948	6.475	0.0300	6.426	0.1236	0.0964	21	0.40	0%	0
033.01	Salt as chloride, Poten Cl (%)	0164	6.510	0.3400	6.426	0.1236	0.0964	21	0.68	1%	0
033.01	Salt as chloride, Poten Cl (%)	2319	6.565	0.1300	6.426	0.1236	0.0964	21	1.13	1%	0
033.01	Salt as chloride, Poten Cl (%)	0010	6.570	0.0400	6.426	0.1236	0.0964	21	1.17	1%	0
033.01	Salt as chloride, Poten Cl (%)	0407	6.577	0.1340	6.426	0.1236	0.0964	21	1.23	1%	0
033.01	Salt as chloride, Poten Cl (%)	0278	6.585	0.3500	6.426	0.1236	0.0964	21	1.29	1%	0
033.01	Salt as chloride, Poten Cl (%)	0004	6.085	0.5900	6.426	0.1236	0.0964	21	-2.75	3%	1
033.01	Salt as chloride, Poten Cl (%)	2268	12.06	0.0600	6.426	0.1236	0.0964	21	45.58	44%	2
033.03	Salt as chloride, Quantab (%)	0505	6.280	0.5000	7.138	0.6361	0.1300	6	-1.35	6%	0
033.03	Salt as chloride, Quantab (%)	0265	6.750	0.2800	7.138	0.6361	0.1300	6	-0.61	3%	0
033.03	Salt as chloride, Quantab (%)	0190	7.140	0.0000	7.138	0.6361	0.1300	6	0.00	0%	0
033.03	Salt as chloride, Quantab (%)	0656	7.250	0.0000	7.138	0.6361	0.1300	6	0.18	1%	0
033.03	Salt as chloride, Quantab (%)	0144	7.580	0.0000	7.138	0.6361	0.1300	6	0.69	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			
033.03	Salt as chloride, Quantab (%)	0726	7.830	0.0000	7.138	0.6361	0.1300	6	1.09	5%	0
033.05	Salt as chloride, Ion Sel Electrode (%)	0689	6.355	0.1500				3			0
033.05	Salt as chloride, Ion Sel Electrode (%)	0904	7.360	0.2200				3			0
033.05	Salt as chloride, Ion Sel Electrode (%)	2043	7.515	0.1100				3			0
033.99	Salt, Miscellaneous (%)	2246	3.265	0.0300	6.408	0.4631	0.0860	12	-6.79	25%	0
033.99	Salt, Miscellaneous (%)	0536	3.925	0.0300	6.408	0.4631	0.0860	12	-5.36	19%	0
033.99	Salt, Miscellaneous (%)	0017	6.256	0.1020	6.408	0.4631	0.0860	12	-0.33	1%	0
033.99	Salt, Miscellaneous (%)	2073	6.310	0.0200	6.408	0.4631	0.0860	12	-0.21	1%	0
033.99	Salt, Miscellaneous (%)	0910	6.365	0.1100	6.408	0.4631	0.0860	12	-0.09	0%	0
033.99	Salt, Miscellaneous (%)	0027	6.408	0.1200	6.408	0.4631	0.0860	12	0.00	0%	0
033.99	Salt, Miscellaneous (%)	0358	6.455	0.0100	6.408	0.4631	0.0860	12	0.10	0%	0
033.99	Salt, Miscellaneous (%)	2058	6.465	0.1500	6.408	0.4631	0.0860	12	0.12	0%	0
033.99	Salt, Miscellaneous (%)	0208	6.525	0.2300	6.408	0.4631	0.0860	12	0.25	1%	0
033.99	Salt, Miscellaneous (%)	0650	6.655	0.1900	6.408	0.4631	0.0860	12	0.53	2%	0
033.99	Salt, Miscellaneous (%)	0914	6.930	0.0400	6.408	0.4631	0.0860	12	1.13	4%	0
033.99	Salt, Miscellaneous (%)	0682	7.590	0.0000	6.408	0.4631	0.0860	12	2.55	9%	0
033.99	Salt, Miscellaneous (%)	2234	6.335	0.4900	6.408	0.4631	0.0860	12	-0.16	1%	1
034.04	Selenium, AA, Hydride (ppm)	0563	8.238	1.851				3			0
034.04	Selenium, AA, Hydride (ppm)	0045	11.40	1.200				3			0
034.04	Selenium, AA, Hydride (ppm)	0169	12.15	2.100				3			0
034.41	Selenium, ICP, Dry ash (ppm)	0407	6.490	0.2400	9.511	2.288	0.2183	4			0
034.41	Selenium, ICP, Dry ash (ppm)	0619	9.025	0.3300	9.511	2.288	0.2183	4			0
034.41	Selenium, ICP, Dry ash (ppm)	0148	10.95	0.3030	9.511	2.288	0.2183	4			0
034.41	Selenium, ICP, Dry ash (ppm)	0011	11.58	0.0000	9.511	2.288	0.2183	4			0
034.42	Selenium, ICP, Open vessel (ppm)	0692	9.950	0.5000				2			0
034.42	Selenium, ICP, Open vessel (ppm)	2053	12.45	0.1000				2			0
034.43	Selenium, ICP, Microwave (ppm)	0682	4.840	0.0000	10.35	3.013	0.8177	9	-1.83	27%	0
034.43	Selenium, ICP, Microwave (ppm)	0610	7.875	1.230	10.35	3.013	0.8177	9	-0.82	12%	0
034.43	Selenium, ICP, Microwave (ppm)	0914	8.856	0.7020	10.35	3.013	0.8177	9	-0.50	7%	0
034.43	Selenium, ICP, Microwave (ppm)	0407	9.340	0.2800	10.35	3.013	0.8177	9	-0.34	5%	0
034.43	Selenium, ICP, Microwave (ppm)	0066	10.08	0.6880	10.35	3.013	0.8177	9	-0.09	1%	0
034.43	Selenium, ICP, Microwave (ppm)	2234	12.02	1.940	10.35	3.013	0.8177	9	0.55	8%	0
034.43	Selenium, ICP, Microwave (ppm)	0968	12.12	0.0660	10.35	3.013	0.8177	9	0.59	9%	0
034.43	Selenium, ICP, Microwave (ppm)	0036	12.95	0.3000	10.35	3.013	0.8177	9	0.86	13%	0
034.43	Selenium, ICP, Microwave (ppm)	0027	14.08	2.153	10.35	3.013	0.8177	9	1.24	18%	0
034.52	Selenium, ICP-MS, Open vessel (ppm)	0910	9.045	0.1300	11.11	1.490	0.3650	4			0
034.52	Selenium, ICP-MS, Open vessel (ppm)	0186	11.04	0.1300	11.11	1.490	0.3650	4			0
034.52	Selenium, ICP-MS, Open vessel (ppm)	0208	11.90	0.6000	11.11	1.490	0.3650	4			0
034.52	Selenium, ICP-MS, Open vessel (ppm)	0047	12.44	0.6000	11.11	1.490	0.3650	4			0
034.53	Selenium, ICP-MS, Microwave (ppm)	0013	10.60	0.8000	12.48	1.448	0.3999	11	-1.30	8%	0
034.53	Selenium, ICP-MS, Microwave (ppm)	0015	11.06	0.0400	12.48	1.448	0.3999	11	-0.98	6%	0
034.53	Selenium, ICP-MS, Microwave (ppm)	2055	11.48	0.7100	12.48	1.448	0.3999	11	-0.69	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	
034.53	Selenium, ICP-MS, Microwave (ppm)	0553	11.65	0.3000	12.48	1.448	0.3999	11	-0.57	3%	0
034.53	Selenium, ICP-MS, Microwave (ppm)	0009	12.03	0.0802	12.48	1.448	0.3999	11	-0.31	2%	0
034.53	Selenium, ICP-MS, Microwave (ppm)	0164	12.25	0.5000	12.48	1.448	0.3999	11	-0.16	1%	0
034.53	Selenium, ICP-MS, Microwave (ppm)	0033	12.40	0.8000	12.48	1.448	0.3999	11	-0.06	0%	0
034.53	Selenium, ICP-MS, Microwave (ppm)	2012	13.75	0.3660	12.48	1.448	0.3999	11	0.88	5%	0
034.53	Selenium, ICP-MS, Microwave (ppm)	2058	13.91	0.3300	12.48	1.448	0.3999	11	0.98	6%	0
034.53	Selenium, ICP-MS, Microwave (ppm)	2033	14.06	0.1300	12.48	1.448	0.3999	11	1.09	6%	0
034.53	Selenium, ICP-MS, Microwave (ppm)	0560	14.11	0.3430	12.48	1.448	0.3999	11	1.13	7%	0
034.99	Selenium, Miscellaneous (ppm)	0190	7.995	0.1100				2			0
034.99	Selenium, Miscellaneous (ppm)	0171	9.150	0.1000				2			0
035.02	Sodium, Em Spect (%)	0884	2.165	0.0300				1			0
035.05	Sodium, Flame Emission (%)	0108	1.895	0.0900				2			0
035.05	Sodium, Flame Emission (%)	0003	5.600	0.0600				2			0
035.31	Sodium, AAS, Dry ash (%)	0536	1.072	0.0150	2.372	0.1519	0.0446	10	-8.57	27%	0
035.31	Sodium, AAS, Dry ash (%)	2022	2.265	0.0300	2.372	0.1519	0.0446	10	-0.71	2%	0
035.31	Sodium, AAS, Dry ash (%)	0208	2.300	0.1800	2.372	0.1519	0.0446	10	-0.48	2%	0
035.31	Sodium, AAS, Dry ash (%)	0142	2.305	0.0591	2.372	0.1519	0.0446	10	-0.44	1%	0
035.31	Sodium, AAS, Dry ash (%)	2196	2.330	0.0000	2.372	0.1519	0.0446	10	-0.28	1%	0
035.31	Sodium, AAS, Dry ash (%)	0563	2.343	0.0488	2.372	0.1519	0.0446	10	-0.19	1%	0
035.31	Sodium, AAS, Dry ash (%)	0948	2.447	0.0130	2.372	0.1519	0.0446	10	0.49	2%	0
035.31	Sodium, AAS, Dry ash (%)	0656	2.490	0.0000	2.372	0.1519	0.0446	10	0.77	2%	0
035.31	Sodium, AAS, Dry ash (%)	0939	2.510	0.0200	2.372	0.1519	0.0446	10	0.91	3%	0
035.31	Sodium, AAS, Dry ash (%)	0868	2.590	0.0800	2.372	0.1519	0.0446	10	1.43	5%	0
035.32	Sodium, AAS, Open vessel (%)	0169	2.270	0.0800				1			0
035.41	Sodium, ICP, Dry ash (%)	2259	2.279	0.0330	2.429	0.1381	0.0520	15	-1.09	3%	0
035.41	Sodium, ICP, Dry ash (%)	0148	2.280	0.0400	2.429	0.1381	0.0520	15	-1.08	3%	0
035.41	Sodium, ICP, Dry ash (%)	0354	2.290	0.0400	2.429	0.1381	0.0520	15	-1.00	3%	0
035.41	Sodium, ICP, Dry ash (%)	0598	2.312	0.0020	2.429	0.1381	0.0520	15	-0.84	2%	0
035.41	Sodium, ICP, Dry ash (%)	0171	2.360	0.0200	2.429	0.1381	0.0520	15	-0.50	1%	0
035.41	Sodium, ICP, Dry ash (%)	0164	2.380	0.0600	2.429	0.1381	0.0520	15	-0.35	1%	0
035.41	Sodium, ICP, Dry ash (%)	0520	2.388	0.0603	2.429	0.1381	0.0520	15	-0.29	1%	0
035.41	Sodium, ICP, Dry ash (%)	0049	2.405	0.1300	2.429	0.1381	0.0520	15	-0.17	0%	0
035.41	Sodium, ICP, Dry ash (%)	0208	2.411	0.0680	2.429	0.1381	0.0520	15	-0.13	0%	0
035.41	Sodium, ICP, Dry ash (%)	0144	2.460	0.0400	2.429	0.1381	0.0520	15	0.23	1%	0
035.41	Sodium, ICP, Dry ash (%)	0098	2.490	0.1600	2.429	0.1381	0.0520	15	0.44	1%	0
035.41	Sodium, ICP, Dry ash (%)	0358	2.540	0.0000	2.429	0.1381	0.0520	15	0.81	2%	0
035.41	Sodium, ICP, Dry ash (%)	0619	2.570	0.0600	2.429	0.1381	0.0520	15	1.02	3%	0
035.41	Sodium, ICP, Dry ash (%)	0226	2.630	0.0200	2.429	0.1381	0.0520	15	1.46	4%	0
035.41	Sodium, ICP, Dry ash (%)	0407	2.648	0.0462	2.429	0.1381	0.0520	15	1.58	5%	0
035.42	Sodium, ICP, Open vessel (%)	0366	1.535	0.0100	2.401	0.1166	0.0843	14	-7.43	18%	0
035.42	Sodium, ICP, Open vessel (%)	0278	2.260	0.1200	2.401	0.1166	0.0843	14	-1.21	3%	0
035.42	Sodium, ICP, Open vessel (%)	0870	2.288	0.0790	2.401	0.1166	0.0843	14	-0.97	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
035.42	Sodium, ICP, Open vessel (%)	0042	2.330	0.0200	2.401	0.1166	0.0843	14	-0.61	1%	0
035.42	Sodium, ICP, Open vessel (%)	0294	2.360	0.0200	2.401	0.1166	0.0843	14	-0.35	1%	0
035.42	Sodium, ICP, Open vessel (%)	2012	2.360	0.0200	2.401	0.1166	0.0843	14	-0.35	1%	0
035.42	Sodium, ICP, Open vessel (%)	0263	2.402	0.0210	2.401	0.1166	0.0843	14	0.00	0%	0
035.42	Sodium, ICP, Open vessel (%)	0692	2.420	0.2200	2.401	0.1166	0.0843	14	0.16	0%	0
035.42	Sodium, ICP, Open vessel (%)	0693	2.435	0.0220	2.401	0.1166	0.0843	14	0.29	1%	0
035.42	Sodium, ICP, Open vessel (%)	0413	2.465	0.1300	2.401	0.1166	0.0843	14	0.55	1%	0
035.42	Sodium, ICP, Open vessel (%)	0037	2.474	0.0870	2.401	0.1166	0.0843	14	0.62	2%	0
035.42	Sodium, ICP, Open vessel (%)	0045	2.495	0.2500	2.401	0.1166	0.0843	14	0.81	2%	0
035.42	Sodium, ICP, Open vessel (%)	0265	2.525	0.0500	2.401	0.1166	0.0843	14	1.06	3%	0
035.42	Sodium, ICP, Open vessel (%)	2129	2.594	0.1310	2.401	0.1166	0.0843	14	1.65	4%	0
035.43	Sodium, ICP, Microwave (%)	2326	2.111	0.0710	2.444	0.1714	0.0605	16	-1.95	7%	0
035.43	Sodium, ICP, Microwave (%)	0870	2.203	0.0970	2.444	0.1714	0.0605	16	-1.41	5%	0
035.43	Sodium, ICP, Microwave (%)	2089	2.250	0.0400	2.444	0.1714	0.0605	16	-1.13	4%	0
035.43	Sodium, ICP, Microwave (%)	0510	2.375	0.0100	2.444	0.1714	0.0605	16	-0.40	1%	0
035.43	Sodium, ICP, Microwave (%)	0407	2.392	0.1113	2.444	0.1714	0.0605	16	-0.31	1%	0
035.43	Sodium, ICP, Microwave (%)	0610	2.405	0.0500	2.444	0.1714	0.0605	16	-0.23	1%	0
035.43	Sodium, ICP, Microwave (%)	0425	2.425	0.0900	2.444	0.1714	0.0605	16	-0.11	0%	0
035.43	Sodium, ICP, Microwave (%)	0202	2.450	0.1000	2.444	0.1714	0.0605	16	0.03	0%	0
035.43	Sodium, ICP, Microwave (%)	0083	2.460	0.1000	2.444	0.1714	0.0605	16	0.09	0%	0
035.43	Sodium, ICP, Microwave (%)	0017	2.461	0.0400	2.444	0.1714	0.0605	16	0.10	0%	0
035.43	Sodium, ICP, Microwave (%)	2143	2.470	0.0200	2.444	0.1714	0.0605	16	0.15	1%	0
035.43	Sodium, ICP, Microwave (%)	0345	2.480	0.0200	2.444	0.1714	0.0605	16	0.21	1%	0
035.43	Sodium, ICP, Microwave (%)	2192	2.540	0.1400	2.444	0.1714	0.0605	16	0.56	2%	0
035.43	Sodium, ICP, Microwave (%)	0918	2.609	0.0290	2.444	0.1714	0.0605	16	0.96	3%	0
035.43	Sodium, ICP, Microwave (%)	0682	2.780	0.0000	2.444	0.1714	0.0605	16	1.96	7%	0
035.43	Sodium, ICP, Microwave (%)	0675	2.905	0.0500	2.444	0.1714	0.0605	16	2.69	9%	0
035.43	Sodium, ICP, Microwave (%)	0300	2.345	0.3110	2.444	0.1714	0.0605	16	-0.58	2%	1
035.43	Sodium, ICP, Microwave (%)	0353	6.220	0.0400	2.444	0.1714	0.0605	16	22.03	77%	2
035.52	Sodium, ICP-MS, Open vessel (%)	0154	2.226	0.0327				1			0
035.53	Sodium, ICP-MS, Microwave (%)	0939	2.320	0.2400	2.357	0.0394	0.1010	4			0
035.53	Sodium, ICP-MS, Microwave (%)	0572	2.340	0.0200	2.357	0.0394	0.1010	4			0
035.53	Sodium, ICP-MS, Microwave (%)	0553	2.355	0.0700	2.357	0.0394	0.1010	4			0
035.53	Sodium, ICP-MS, Microwave (%)	2055	2.412	0.0739	2.357	0.0394	0.1010	4			0
035.53	Sodium, ICP-MS, Microwave (%)	0015	1.990	0.0200	2.357	0.0394	0.1010	4			2
035.99	Sodium, Miscellaneous (%)	0242	2.225	0.0100				3			0
035.99	Sodium, Miscellaneous (%)	0590	2.610	0.0200				3			0
035.99	Sodium, Miscellaneous (%)	0100	2.625	0.0700				3			0
036.04	Sulfur, LECO (%)	0226	0.4800	0.0200				3			0
036.04	Sulfur, LECO (%)	0610	0.5400	0.0200				3			0
036.04	Sulfur, LECO (%)	0148	0.6195	0.0010				3			0
036.42	Sulfur, ICP, Open vessel (%)	0692	0.4400	0.1800	0.6043	0.0687	0.0296	14	-2.39	14%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
036.42	Sulfur, ICP, Open vessel (%)	0870	0.4944	0.0140	0.6043	0.0687	0.0296	14	-1.60	9%	0
036.42	Sulfur, ICP, Open vessel (%)	0357	0.5590	0.0004	0.6043	0.0687	0.0296	14	-0.66	4%	0
036.42	Sulfur, ICP, Open vessel (%)	0045	0.5645	0.0170	0.6043	0.0687	0.0296	14	-0.58	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0278	0.5850	0.0100	0.6043	0.0687	0.0296	14	-0.28	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0366	0.5900	0.0400	0.6043	0.0687	0.0296	14	-0.21	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0407	0.5911	0.0419	0.6043	0.0687	0.0296	14	-0.19	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0164	0.6200	0.0000	0.6043	0.0687	0.0296	14	0.23	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0693	0.6265	0.0410	0.6043	0.0687	0.0296	14	0.32	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0171	0.6300	0.0000	0.6043	0.0687	0.0296	14	0.37	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0265	0.6500	0.0400	0.6043	0.0687	0.0296	14	0.67	4%	0
036.42	Sulfur, ICP, Open vessel (%)	0042	0.6590	0.0240	0.6043	0.0687	0.0296	14	0.80	5%	0
036.42	Sulfur, ICP, Open vessel (%)	0037	0.6750	0.0060	0.6043	0.0687	0.0296	14	1.03	6%	0
036.42	Sulfur, ICP, Open vessel (%)	0294	1.090	0.0000	0.6043	0.0687	0.0296	14	7.07	40%	0
036.42	Sulfur, ICP, Open vessel (%)	2129	7,354	133.0	0.6043	0.0687	0.0296	14	106963.31	608414%	2
036.43	Sulfur, ICP, Microwave (%)	0870	0.4639	0.0058	0.6521	0.1275	0.0165	12	-1.48	14%	0
036.43	Sulfur, ICP, Microwave (%)	2326	0.5525	0.0430	0.6521	0.1275	0.0165	12	-0.78	8%	0
036.43	Sulfur, ICP, Microwave (%)	0169	0.5850	0.0300	0.6521	0.1275	0.0165	12	-0.53	5%	0
036.43	Sulfur, ICP, Microwave (%)	0353	0.6000	0.0200	0.6521	0.1275	0.0165	12	-0.41	4%	0
036.43	Sulfur, ICP, Microwave (%)	2033	0.6000	0.0000	0.6521	0.1275	0.0165	12	-0.41	4%	0
036.43	Sulfur, ICP, Microwave (%)	0407	0.6334	0.0002	0.6521	0.1275	0.0165	12	-0.15	1%	0
036.43	Sulfur, ICP, Microwave (%)	0345	0.6345	0.0110	0.6521	0.1275	0.0165	12	-0.14	1%	0
036.43	Sulfur, ICP, Microwave (%)	0202	0.6445	0.0090	0.6521	0.1275	0.0165	12	-0.06	1%	0
036.43	Sulfur, ICP, Microwave (%)	0083	0.6600	0.0000	0.6521	0.1275	0.0165	12	0.06	1%	0
036.43	Sulfur, ICP, Microwave (%)	0918	0.7985	0.0290	0.6521	0.1275	0.0165	12	1.15	11%	0
036.43	Sulfur, ICP, Microwave (%)	2089	0.8100	0.0400	0.6521	0.1275	0.0165	12	1.24	12%	0
036.43	Sulfur, ICP, Microwave (%)	0510	0.9850	0.0100	0.6521	0.1275	0.0165	12	2.61	26%	0
036.52	Sulfur, ICP-MS, Open vessel (%)	0910	0.6292	0.0079				1			0
036.53	Sulfur, ICP-MS, Microwave (%)	0015	0.5450	0.0100				2			0
036.53	Sulfur, ICP-MS, Microwave (%)	0553	0.5490	0.0140				2			0
036.99	Sulfur, Miscellaneous (%)	0242	0.5850	0.0300				1			0
037.31	Zinc, AAS, Dry ash (ppm)	0536	1,840	10.00	4,122	226.0	78.01	14	-10.10	28%	0
037.31	Zinc, AAS, Dry ash (ppm)	2188	2,507	5.640	4,122	226.0	78.01	14	-7.15	20%	0
037.31	Zinc, AAS, Dry ash (ppm)	2146	3,923	179.0	4,122	226.0	78.01	14	-0.88	2%	0
037.31	Zinc, AAS, Dry ash (ppm)	0175	3,950	100.0	4,122	226.0	78.01	14	-0.76	2%	0
037.31	Zinc, AAS, Dry ash (ppm)	2196	4,088	0.0000	4,122	226.0	78.01	14	-0.15	0%	0
037.31	Zinc, AAS, Dry ash (ppm)	0529	4,090	70.00	4,122	226.0	78.01	14	-0.14	0%	0
037.31	Zinc, AAS, Dry ash (ppm)	0939	4,102	40.00	4,122	226.0	78.01	14	-0.09	0%	0
037.31	Zinc, AAS, Dry ash (ppm)	0563	4,139	308.4	4,122	226.0	78.01	14	0.07	0%	0
037.31	Zinc, AAS, Dry ash (ppm)	2022	4,254	2.000	4,122	226.0	78.01	14	0.58	2%	0
037.31	Zinc, AAS, Dry ash (ppm)	0868	4,296	7.000	4,122	226.0	78.01	14	0.77	2%	0
037.31	Zinc, AAS, Dry ash (ppm)	0689	4,300	200.0	4,122	226.0	78.01	14	0.79	2%	0
037.31	Zinc, AAS, Dry ash (ppm)	0656	4,325	0.0000	4,122	226.0	78.01	14	0.90	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			
037.31	Zinc, AAS, Dry ash (ppm)	0001	4,325	170.0	4,122	226.0	78.01	14	0.90	2%	0
037.31	Zinc, AAS, Dry ash (ppm)	0674	4,352	0.0000	4,122	226.0	78.01	14	1.02	3%	0
037.32	Zinc, AAS, Open vessel (ppm)	0014	4,280	0.0000				1			0
037.33	Zinc, AAS, Microwave (ppm)	2246	35.29	2.240				3			0
037.33	Zinc, AAS, Microwave (ppm)	0010	4,125	70.00				3			0
037.33	Zinc, AAS, Microwave (ppm)	0948	4,872	95.05				3			0
037.41	Zinc, ICP, Dry ash (ppm)	0229	2,800	65.67	3,906	503.9	79.78	19	-2.19	14%	0
037.41	Zinc, ICP, Dry ash (ppm)	0354	3,204	13.99	3,906	503.9	79.78	19	-1.39	9%	0
037.41	Zinc, ICP, Dry ash (ppm)	0619	3,358	220.0	3,906	503.9	79.78	19	-1.09	7%	0
037.41	Zinc, ICP, Dry ash (ppm)	0407	3,437	25.80	3,906	503.9	79.78	19	-0.93	6%	0
037.41	Zinc, ICP, Dry ash (ppm)	0049	3,441	132.0	3,906	503.9	79.78	19	-0.92	6%	0
037.41	Zinc, ICP, Dry ash (ppm)	0598	3,663	40.00	3,906	503.9	79.78	19	-0.48	3%	0
037.41	Zinc, ICP, Dry ash (ppm)	0878	3,778	24.00	3,906	503.9	79.78	19	-0.25	2%	0
037.41	Zinc, ICP, Dry ash (ppm)	0208	3,827	11.00	3,906	503.9	79.78	19	-0.16	1%	0
037.41	Zinc, ICP, Dry ash (ppm)	0148	3,958	52.45	3,906	503.9	79.78	19	0.11	1%	0
037.41	Zinc, ICP, Dry ash (ppm)	0520	3,965	3.000	3,906	503.9	79.78	19	0.12	1%	0
037.41	Zinc, ICP, Dry ash (ppm)	0226	4,016	92.49	3,906	503.9	79.78	19	0.22	1%	0
037.41	Zinc, ICP, Dry ash (ppm)	0011	4,061	0.0000	3,906	503.9	79.78	19	0.31	2%	0
037.41	Zinc, ICP, Dry ash (ppm)	0019	4,101	20.00	3,906	503.9	79.78	19	0.39	3%	0
037.41	Zinc, ICP, Dry ash (ppm)	0358	4,118	357.5	3,906	503.9	79.78	19	0.42	3%	0
037.41	Zinc, ICP, Dry ash (ppm)	0098	4,128	257.0	3,906	503.9	79.78	19	0.44	3%	0
037.41	Zinc, ICP, Dry ash (ppm)	2022	4,316	20.19	3,906	503.9	79.78	19	0.82	5%	0
037.41	Zinc, ICP, Dry ash (ppm)	0848	4,407	78.52	3,906	503.9	79.78	19	1.00	6%	0
037.41	Zinc, ICP, Dry ash (ppm)	0004	4,617	68.34	3,906	503.9	79.78	19	1.41	9%	0
037.41	Zinc, ICP, Dry ash (ppm)	0171	8,430	34.00	3,906	503.9	79.78	19	8.98	58%	0
037.41	Zinc, ICP, Dry ash (ppm)	0910	4,140	506.0	3,906	503.9	79.78	19	0.47	3%	1
037.42	Zinc, ICP, Open vessel (ppm)	0870	3,098	42.00	4,015	436.2	157.0	21	-2.10	11%	0
037.42	Zinc, ICP, Open vessel (ppm)	0278	3,395	79.80	4,015	436.2	157.0	21	-1.42	8%	0
037.42	Zinc, ICP, Open vessel (ppm)	2259	3,400	148.0	4,015	436.2	157.0	21	-1.41	8%	0
037.42	Zinc, ICP, Open vessel (ppm)	0294	3,591	74.46	4,015	436.2	157.0	21	-0.97	5%	0
037.42	Zinc, ICP, Open vessel (ppm)	0357	3,622	3.550	4,015	436.2	157.0	21	-0.90	5%	0
037.42	Zinc, ICP, Open vessel (ppm)	0366	3,835	570.0	4,015	436.2	157.0	21	-0.41	2%	0
037.42	Zinc, ICP, Open vessel (ppm)	0009	3,843	90.00	4,015	436.2	157.0	21	-0.39	2%	0
037.42	Zinc, ICP, Open vessel (ppm)	0263	3,903	56.28	4,015	436.2	157.0	21	-0.26	1%	0
037.42	Zinc, ICP, Open vessel (ppm)	2053	3,952	63.00	4,015	436.2	157.0	21	-0.14	1%	0
037.42	Zinc, ICP, Open vessel (ppm)	2012	4,023	148.2	4,015	436.2	157.0	21	0.02	0%	0
037.42	Zinc, ICP, Open vessel (ppm)	0045	4,090	300.0	4,015	436.2	157.0	21	0.17	1%	0
037.42	Zinc, ICP, Open vessel (ppm)	0726	4,118	22.00	4,015	436.2	157.0	21	0.24	1%	0
037.42	Zinc, ICP, Open vessel (ppm)	0693	4,156	122.0	4,015	436.2	157.0	21	0.32	2%	0
037.42	Zinc, ICP, Open vessel (ppm)	2129	4,159	495.0	4,015	436.2	157.0	21	0.33	2%	0
037.42	Zinc, ICP, Open vessel (ppm)	0413	4,163	22.00	4,015	436.2	157.0	21	0.34	2%	0
037.42	Zinc, ICP, Open vessel (ppm)	0265	4,275	110.0	4,015	436.2	157.0	21	0.60	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	
037.42	Zinc, ICP, Open vessel (ppm)	2319	4,275	250.0	4,015	436.2	157.0	21	0.60	3%	0
037.42	Zinc, ICP, Open vessel (ppm)	0692	4,360	100.0	4,015	436.2	157.0	21	0.79	4%	0
037.42	Zinc, ICP, Open vessel (ppm)	0037	4,524	159.2	4,015	436.2	157.0	21	1.17	6%	0
037.42	Zinc, ICP, Open vessel (ppm)	0042	4,595	405.0	4,015	436.2	157.0	21	1.33	7%	0
037.42	Zinc, ICP, Open vessel (ppm)	0190	4,820	36.00	4,015	436.2	157.0	21	1.85	10%	0
037.43	Zinc, ICP, Microwave (ppm)	0914	2,924	8.400	4,026	337.4	84.97	28	-3.27	14%	0
037.43	Zinc, ICP, Microwave (ppm)	0870	3,096	71.00	4,026	337.4	84.97	28	-2.76	12%	0
037.43	Zinc, ICP, Microwave (ppm)	0169	3,308	345.0	4,026	337.4	84.97	28	-2.13	9%	0
037.43	Zinc, ICP, Microwave (ppm)	2033	3,655	10.90	4,026	337.4	84.97	28	-1.10	5%	0
037.43	Zinc, ICP, Microwave (ppm)	0610	3,655	210.0	4,026	337.4	84.97	28	-1.10	5%	0
037.43	Zinc, ICP, Microwave (ppm)	0425	3,809	41.50	4,026	337.4	84.97	28	-0.64	3%	0
037.43	Zinc, ICP, Microwave (ppm)	0407	3,813	146.1	4,026	337.4	84.97	28	-0.63	3%	0
037.43	Zinc, ICP, Microwave (ppm)	2192	3,850	36.00	4,026	337.4	84.97	28	-0.52	2%	0
037.43	Zinc, ICP, Microwave (ppm)	0505	3,913	15.00	4,026	337.4	84.97	28	-0.34	1%	0
037.43	Zinc, ICP, Microwave (ppm)	0918	3,936	48.42	4,026	337.4	84.97	28	-0.27	1%	0
037.43	Zinc, ICP, Microwave (ppm)	2234	3,962	154.1	4,026	337.4	84.97	28	-0.19	1%	0
037.43	Zinc, ICP, Microwave (ppm)	2143	3,964	4.110	4,026	337.4	84.97	28	-0.18	1%	0
037.43	Zinc, ICP, Microwave (ppm)	0682	3,986	0.0000	4,026	337.4	84.97	28	-0.12	0%	0
037.43	Zinc, ICP, Microwave (ppm)	0013	3,995	10.00	4,026	337.4	84.97	28	-0.09	0%	0
037.43	Zinc, ICP, Microwave (ppm)	2326	4,034	62.00	4,026	337.4	84.97	28	0.02	0%	0
037.43	Zinc, ICP, Microwave (ppm)	0033	4,035	34.00	4,026	337.4	84.97	28	0.03	0%	0
037.43	Zinc, ICP, Microwave (ppm)	0675	4,057	20.04	4,026	337.4	84.97	28	0.09	0%	0
037.43	Zinc, ICP, Microwave (ppm)	0510	4,076	1.000	4,026	337.4	84.97	28	0.15	1%	0
037.43	Zinc, ICP, Microwave (ppm)	0345	4,140	61.00	4,026	337.4	84.97	28	0.34	1%	0
037.43	Zinc, ICP, Microwave (ppm)	2089	4,158	247.0	4,026	337.4	84.97	28	0.39	2%	0
037.43	Zinc, ICP, Microwave (ppm)	0027	4,224	119.7	4,026	337.4	84.97	28	0.59	2%	0
037.43	Zinc, ICP, Microwave (ppm)	0202	4,289	131.0	4,026	337.4	84.97	28	0.78	3%	0
037.43	Zinc, ICP, Microwave (ppm)	2058	4,337	74.02	4,026	337.4	84.97	28	0.92	4%	0
037.43	Zinc, ICP, Microwave (ppm)	0017	4,354	26.83	4,026	337.4	84.97	28	0.97	4%	0
037.43	Zinc, ICP, Microwave (ppm)	0353	4,371	383.0	4,026	337.4	84.97	28	1.02	4%	0
037.43	Zinc, ICP, Microwave (ppm)	0083	4,489	92.00	4,026	337.4	84.97	28	1.37	6%	0
037.43	Zinc, ICP, Microwave (ppm)	0043	4,614	18.00	4,026	337.4	84.97	28	1.74	7%	0
037.43	Zinc, ICP, Microwave (ppm)	0968	4,715	9.000	4,026	337.4	84.97	28	2.04	9%	0
037.44	Zinc, ICP, Dry ash (ppm)	0066	4,001	127.1				2			0
037.44	Zinc, ICP, Dry ash (ppm)	0164	4,355	30.00				2			0
037.52	Zinc, ICP-MS, Open vessel (ppm)	0186	3,730	217.0				2			0
037.52	Zinc, ICP-MS, Open vessel (ppm)	0047	4,348	276.1				2			0
037.53	Zinc, ICP-MS, Microwave (ppm)	2055	3,944	267.0	4,106	150.3	132.3	5			0
037.53	Zinc, ICP-MS, Microwave (ppm)	0939	4,027	53.00	4,106	150.3	132.3	5			0
037.53	Zinc, ICP-MS, Microwave (ppm)	0015	4,030	113.6	4,106	150.3	132.3	5			0
037.53	Zinc, ICP-MS, Microwave (ppm)	0572	4,240	168.0	4,106	150.3	132.3	5			0
037.53	Zinc, ICP-MS, Microwave (ppm)	0553	4,290	60.00	4,106	150.3	132.3	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			
037.99	Zinc, Miscellaneous (ppm)	0590	3,650	400.0	4,100	338.0	176.8	4		0	
037.99	Zinc, Miscellaneous (ppm)	0242	4,047	98.00	4,100	338.0	176.8	4		0	
037.99	Zinc, Miscellaneous (ppm)	2144	4,279	9.000	4,100	338.0	176.8	4		0	
037.99	Zinc, Miscellaneous (ppm)	0100	4,425	200.0	4,100	338.0	176.8	4		0	
038.41	Molybdenum, ICP, Dry ash (ppm)	0171	0.9090	0.0080				2		0	
038.41	Molybdenum, ICP, Dry ash (ppm)	0407	1.378	0.1565				2		0	
038.42	Molybdenum, ICP, Open vessel (ppm)	0265	0.1000	0.0000				3		0	
038.42	Molybdenum, ICP, Open vessel (ppm)	0693	1.484	0.2110				3		0	
038.42	Molybdenum, ICP, Open vessel (ppm)	0278	1.995	0.2700				3		0	
038.43	Molybdenum, ICP, Microwave (ppm)	0353	0.3792	0.0992	1.368	0.6744	0.0364	4		0	
038.43	Molybdenum, ICP, Microwave (ppm)	0407	1.591	0.0465	1.368	0.6744	0.0364	4		0	
038.43	Molybdenum, ICP, Microwave (ppm)	0083	1.600	0.0000	1.368	0.6744	0.0364	4		0	
038.43	Molybdenum, ICP, Microwave (ppm)	0510	1.900	0.0000	1.368	0.6744	0.0364	4		0	
038.43	Molybdenum, ICP, Microwave (ppm)	0169	1,265	110.0	1.368	0.6744	0.0364	4		2	
038.52	Molybdenum, ICP-MS, Open vessel (ppm)	0186	2.055	0.1700				1		0	
038.53	Molybdenum, ICP-MS, Microwave (ppm)	0164	0.9460	0.0580	1.488	0.4417	0.1370	4		0	
038.53	Molybdenum, ICP-MS, Microwave (ppm)	2055	1.320	0.2200	1.488	0.4417	0.1370	4		0	
038.53	Molybdenum, ICP-MS, Microwave (ppm)	0553	1.765	0.0900	1.488	0.4417	0.1370	4		0	
038.53	Molybdenum, ICP-MS, Microwave (ppm)	0939	1.920	0.1800	1.488	0.4417	0.1370	4		0	
040.53	Barium, ICP-MS, Microwave (ppm)	0015	11.60	0.8600				1		0	
041.53	Vanadium, ICP-MS, Microwave (ppm)	0015	9.565	0.8300				2		0	
041.53	Vanadium, ICP-MS, Microwave (ppm)	0553	11.95	1.100				2		0	
042.00	Chloride, Titrimetric (%)	2326	3.720	0.0000	4.029	0.3756	0.0225	4		0	
042.00	Chloride, Titrimetric (%)	2012	3.885	0.0500	4.029	0.3756	0.0225	4		0	
042.00	Chloride, Titrimetric (%)	0948	3.935	0.0100	4.029	0.3756	0.0225	4		0	
042.00	Chloride, Titrimetric (%)	0619	4.575	0.0300	4.029	0.3756	0.0225	4		0	
099.01	Menadione (form), LC (ppm)	2319	6.340	0.4000				2		0	
099.01	Menadione (form), LC (ppm)	2192	9.370	1.080				2		0	
101.99	Choline Chloride, Miscellaneous (ppm)	0939	9,325	124.0				2		0	
101.99	Choline Chloride, Miscellaneous (ppm)	0227	11,400	400.0				2		0	
102.01	Niacin, Microbiological (ppm)	0227	1,070	40.00				1		0	
102.02	Niacin, LC (ppm)	2022	417.7	4.500	1,059	246.4	41.25	6	-2.61	30%	0
102.02	Niacin, LC (ppm)	2319	947.0	10.00	1,059	246.4	41.25	6	-0.46	5%	0
102.02	Niacin, LC (ppm)	0010	1,095	59.00	1,059	246.4	41.25	6	0.14	2%	0
102.02	Niacin, LC (ppm)	0939	1,141	25.00	1,059	246.4	41.25	6	0.33	4%	0
102.02	Niacin, LC (ppm)	0941	1,165	49.00	1,059	246.4	41.25	6	0.43	5%	0
102.02	Niacin, LC (ppm)	0098	1,320	100.0	1,059	246.4	41.25	6	1.06	12%	0
102.99	Niacin, Miscellaneous (ppm)	0160	494.5	11.00				2		0	
102.99	Niacin, Miscellaneous (ppm)	0096	1,084	131.5				2		0	
103.01	Pantothenic Acid, Microbiological (ppm)	0227	511.5	37.00				1		0	
103.02	Pantothenic Acid, LC (ppm)	2103	542.0	2.000	580.7	48.60	17.10	5		0	
103.02	Pantothenic Acid, LC (ppm)	0939	542.7	18.12	580.7	48.60	17.10	5		0	

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
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103.02	Pantothenic Acid, LC (ppm)	0098	564.0	4.000	580.7	48.60	17.10	5			0
103.02	Pantothenic Acid, LC (ppm)	0941	596.7	25.40	580.7	48.60	17.10	5			0
103.02	Pantothenic Acid, LC (ppm)	0010	658.0	36.00	580.7	48.60	17.10	5			0
103.99	Pantothenic Acid, Miscellaneous (ppm)	0096	589.7	0.0000				2			0
103.99	Pantothenic Acid, Miscellaneous (ppm)	0160	1,805	210.0				2			0
104.00	Riboflavin, Fluorometric (ppm)	0227	165.0	8.000				2			0
104.00	Riboflavin, Fluorometric (ppm)	0171	236.0	0.0000				2			0
104.03	Riboflavin, LC (ppm)	0939	208.8	14.90	238.7	20.46	9.040	5			0
104.03	Riboflavin, LC (ppm)	0941	235.2	11.30	238.7	20.46	9.040	5			0
104.03	Riboflavin, LC (ppm)	0910	241.0	12.00	238.7	20.46	9.040	5			0
104.03	Riboflavin, LC (ppm)	2103	242.5	1.000	238.7	20.46	9.040	5			0
104.03	Riboflavin, LC (ppm)	0098	266.0	6.000	238.7	20.46	9.040	5			0
104.99	Riboflavin, Miscellaneous (ppm)	0160	142.0	12.00				2			0
104.99	Riboflavin, Miscellaneous (ppm)	0096	241.4	1.430				2			0
105.00	Thiamine, LC (ppm)	0939	1.135	0.0300				1			0
105.01	Thiamine, Fluorometer (ppm)	0227	1.375	0.0500				1			0
106.00	Vitamin A, Color (KU / kg)	0227	54.65	2.500				1			0
106.01	Vitamin A, UV (KU / kg)	0098	16.05	14.70				1			0
106.02	Vitamin A, LC (KU / kg)	2192	20.34	5.643	41.62	16.19	7.380	20	-1.31	26%	0
106.02	Vitamin A, LC (KU / kg)	0004	23.17	1.490	41.62	16.19	7.380	20	-1.14	22%	0
106.02	Vitamin A, LC (KU / kg)	0563	25.17	2.828	41.62	16.19	7.380	20	-1.02	20%	0
106.02	Vitamin A, LC (KU / kg)	0875	27.38	0.4800	41.62	16.19	7.380	20	-0.88	17%	0
106.02	Vitamin A, LC (KU / kg)	2103	29.11	2.140	41.62	16.19	7.380	20	-0.77	15%	0
106.02	Vitamin A, LC (KU / kg)	0675	30.18	1.680	41.62	16.19	7.380	20	-0.71	14%	0
106.02	Vitamin A, LC (KU / kg)	2319	35.15	21.70	41.62	16.19	7.380	20	-0.40	8%	0
106.02	Vitamin A, LC (KU / kg)	0017	38.61	8.173	41.62	16.19	7.380	20	-0.19	4%	0
106.02	Vitamin A, LC (KU / kg)	2053	40.00	4.000	41.62	16.19	7.380	20	-0.10	2%	0
106.02	Vitamin A, LC (KU / kg)	0010	40.45	1.900	41.62	16.19	7.380	20	-0.07	1%	0
106.02	Vitamin A, LC (KU / kg)	2058	40.72	7.120	41.62	16.19	7.380	20	-0.06	1%	0
106.02	Vitamin A, LC (KU / kg)	0014	40.80	0.4000	41.62	16.19	7.380	20	-0.05	1%	0
106.02	Vitamin A, LC (KU / kg)	0619	41.80	4.200	41.62	16.19	7.380	20	0.01	0%	0
106.02	Vitamin A, LC (KU / kg)	0676	42.79	5.650	41.62	16.19	7.380	20	0.07	1%	0
106.02	Vitamin A, LC (KU / kg)	0148	48.66	8.300	41.62	16.19	7.380	20	0.43	8%	0
106.02	Vitamin A, LC (KU / kg)	0910	49.00	12.00	41.62	16.19	7.380	20	0.46	9%	0
106.02	Vitamin A, LC (KU / kg)	0036	62.15	8.900	41.62	16.19	7.380	20	1.27	25%	0
106.02	Vitamin A, LC (KU / kg)	0914	65.18	22.92	41.62	16.19	7.380	20	1.46	28%	0
106.02	Vitamin A, LC (KU / kg)	0689	67.85	1.300	41.62	16.19	7.380	20	1.62	32%	0
106.02	Vitamin A, LC (KU / kg)	0941	73.33	26.79	41.62	16.19	7.380	20	1.96	38%	0
106.02	Vitamin A, LC (KU / kg)	0848	32,725	27,129	41.62	16.19	7.380	20	2018.95	39260%	2
106.99	Vitamin A, Miscellaneous (KU / kg)	0160	38.10	13.00				1			0
107.00	Vitamin B12, Microbiological (ppb)	0227	104.2	9.600				1			0
107.99	Vitamin B12, Miscellaneous (ppb)	0096	112.8	9.600				2			0

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107.99	Vitamin B12, Miscellaneous (ppb)	0160	185.0	10.00				2			0
108.02	Vitamin D3, LC (KU / kg)	0208	1.365	0.7300	2.433	1.561	0.5150	4			0
108.02	Vitamin D3, LC (KU / kg)	0675	1.715	0.0700	2.433	1.561	0.5150	4			0
108.02	Vitamin D3, LC (KU / kg)	2058	1.900	0.0600	2.433	1.561	0.5150	4			0
108.02	Vitamin D3, LC (KU / kg)	0619	4.750	1.200	2.433	1.561	0.5150	4			0
108.02	Vitamin D3, LC (KU / kg)	2319	106.5	5.000	2.433	1.561	0.5150	4			2
108.99	Vitamin D3, Miscellaneous (KU / kg)	0010	2.390	0.7400				1			0
109.02	Vitamin E, LC (IU / kg)	2319	421.0	0.0000	831.2	169.2	47.34	16	-2.42	25%	0
109.02	Vitamin E, LC (IU / kg)	0563	520.0	20.00	831.2	169.2	47.34	16	-1.84	19%	0
109.02	Vitamin E, LC (IU / kg)	0619	689.0	66.00	831.2	169.2	47.34	16	-0.84	9%	0
109.02	Vitamin E, LC (IU / kg)	2192	727.5	57.00	831.2	169.2	47.34	16	-0.61	6%	0
109.02	Vitamin E, LC (IU / kg)	0675	735.4	22.73	831.2	169.2	47.34	16	-0.57	6%	0
109.02	Vitamin E, LC (IU / kg)	0208	762.1	37.35	831.2	169.2	47.34	16	-0.41	4%	0
109.02	Vitamin E, LC (IU / kg)	0676	811.7	6.660	831.2	169.2	47.34	16	-0.12	1%	0
109.02	Vitamin E, LC (IU / kg)	2103	843.5	61.00	831.2	169.2	47.34	16	0.07	1%	0
109.02	Vitamin E, LC (IU / kg)	2058	877.4	11.63	831.2	169.2	47.34	16	0.27	3%	0
109.02	Vitamin E, LC (IU / kg)	0098	878.5	59.00	831.2	169.2	47.34	16	0.28	3%	0
109.02	Vitamin E, LC (IU / kg)	0910	879.5	161.0	831.2	169.2	47.34	16	0.29	3%	0
109.02	Vitamin E, LC (IU / kg)	0941	896.1	52.55	831.2	169.2	47.34	16	0.38	4%	0
109.02	Vitamin E, LC (IU / kg)	0148	925.7	7.310	831.2	169.2	47.34	16	0.56	6%	0
109.02	Vitamin E, LC (IU / kg)	0227	958.0	26.00	831.2	169.2	47.34	16	0.75	8%	0
109.02	Vitamin E, LC (IU / kg)	0036	1,075	47.00	831.2	169.2	47.34	16	1.44	15%	0
109.02	Vitamin E, LC (IU / kg)	0689	1,286	122.2	831.2	169.2	47.34	16	2.69	27%	0
109.99	Vitamin E, Miscellaneous (IU / kg)	0160	783.0	80.00				2			0
109.99	Vitamin E, Miscellaneous (IU / kg)	0171	839.5	65.00				2			0
111.00	Vitamin C, Phosphorylated, LC (ppm)	0227	< 0.44					0			5
112.01	Pyridoxine, LC (µg / g)	0227	2.775	0.7900				1			0
113.01	Folic Acid, Micro (ppm)	0227	1.115	0.0500				1			0
114.01	Biotin, Microbiological (ppm)	0227	0.0745	0.0060				1			0
118.99	Peroxide value, Miscellaneous (meq/kg)	2081	10.50	2.770				1			0
120.00	Alanine, Post-col Ninhydrin Der (%)	0870	0.0089	0.0013	0.0166	0.0058	0.0015	4			0
120.00	Alanine, Post-col Ninhydrin Der (%)	0571	0.0165	0.0010	0.0166	0.0058	0.0015	4			0
120.00	Alanine, Post-col Ninhydrin Der (%)	2059	0.0185	0.0030	0.0166	0.0058	0.0015	4			0
120.00	Alanine, Post-col Ninhydrin Der (%)	0859	0.0226	0.0005	0.0166	0.0058	0.0015	4			0
120.00	Alanine, Post-col Ninhydrin Der (%)	0682	< 0.1		0.0166	0.0058	0.0015	4			5
120.99	Alanine, Miscellaneous (%)	0227	0.0100	0.0000				1			0
121.00	Arginine, Post-col Ninhydrin Der (%)	0870	0.0093	0.0002				3			0
121.00	Arginine, Post-col Ninhydrin Der (%)	0571	0.0150	0.0000				3			0
121.00	Arginine, Post-col Ninhydrin Der (%)	0859	0.0166	0.0003				3			0
121.00	Arginine, Post-col Ninhydrin Der (%)	2059	0.0200	0.0020				3			1
121.00	Arginine, Post-col Ninhydrin Der (%)	0682	< 0.1					3			5
121.99	Arginine, Miscellaneous (%)	0227	< 0.05					0			5

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122.00	Aspartic, Post-col Ninhydrin Der (%)	0571	0.0235	0.0010				3			0
122.00	Aspartic, Post-col Ninhydrin Der (%)	2059	0.0330	0.0040				3			0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0859	0.0369	0.0006				3			0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0870	< 0.01					3			5
122.00	Aspartic, Post-col Ninhydrin Der (%)	0682	< 0.1					3			5
122.99	Aspartic, Miscellaneous (%)	0227	0.0300	0.0000				1			0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	2322	0.0020	0.0000				3			0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0859	0.0093	0.0002				3			0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	2059	0.0205	0.0010				3			0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0571	0.0135	0.0070				3			1
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0870	< 0.01					3			5
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0682	< 0.1					3			5
124.99	Cysteine/Cystine, Miscellaneous (%)	0227	< 0.01					0			5
125.00	Glutamic, Post-col Ninhydrin Der (%)	0870	0.0216	0.0063	0.0447	0.0167	0.0041	4			0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0571	0.0455	0.0030	0.0447	0.0167	0.0041	4			0
125.00	Glutamic, Post-col Ninhydrin Der (%)	2059	0.0510	0.0060	0.0447	0.0167	0.0041	4			0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0859	0.0608	0.0010	0.0447	0.0167	0.0041	4			0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0682	< 0.1		0.0447	0.0167	0.0041	4			5
125.99	Glutamic, Miscellaneous (%)	0227	0.0450	0.0100				1			0
126.00	Glycine, Post-col Ninhydrin Der (%)	0870	0.0080	0.0010				3			0
126.00	Glycine, Post-col Ninhydrin Der (%)	0571	0.0165	0.0010				3			0
126.00	Glycine, Post-col Ninhydrin Der (%)	0859	0.0213	0.0006				3			0
126.00	Glycine, Post-col Ninhydrin Der (%)	2059	0.0205	0.0050				3			1
126.00	Glycine, Post-col Ninhydrin Der (%)	0682	< 0.1					3			5
126.99	Glycine, Miscellaneous (%)	0227	0.0200	0.0000				1			0
127.00	Histidine, Post-col Ninhydrin Der (%)	0859	0.0051	0.0001				1			0
127.00	Histidine, Post-col Ninhydrin Der (%)	0571	< 0.01					1			5
127.00	Histidine, Post-col Ninhydrin Der (%)	0870	< 0.01					1			5
127.00	Histidine, Post-col Ninhydrin Der (%)	2059	< 0.01					1			5
127.00	Histidine, Post-col Ninhydrin Der (%)	0682	< 0.1					1			5
127.99	Histidine, Miscellaneous (%)	0227	0.0150	0.0100				1			0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0571	0.0105	0.0010				3			0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	2059	0.0120	0.0020				3			0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0859	0.0123	0.0003				3			0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0870	< 0.01					3			5
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0682	< 0.1					3			5
128.99	Isoleucine, Miscellaneous (%)	0227	< 0.02					0			5
129.00	Leucine, Post-col Ninhydrin Der (%)	0870	0.0147	0.0012	0.0226	0.0059	0.0027	4			0
129.00	Leucine, Post-col Ninhydrin Der (%)	0571	0.0225	0.0050	0.0226	0.0059	0.0027	4			0
129.00	Leucine, Post-col Ninhydrin Der (%)	2059	0.0240	0.0040	0.0226	0.0059	0.0027	4			0
129.00	Leucine, Post-col Ninhydrin Der (%)	0859	0.0291	0.0007	0.0226	0.0059	0.0027	4			0
129.00	Leucine, Post-col Ninhydrin Der (%)	0682	< 0.1		0.0226	0.0059	0.0027	4			5

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129.99	Leucine, Miscellaneous (%)	0227	< 0.02					0		5	
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0859	0.0154	0.0004				1		0	
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0870	< 0.01					1		5	
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0571	< 0.02					1		5	
130.00	L-Lysine, Post-col Ninhydrin Der (%)	2059	< 0.02					1		5	
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0682	< 0.1					1		5	
130.99	L-Lysine, Miscellaneous (%)	0227	0.0400	0.0000				1		0	
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0859	0.0058	0.0001				2		0	
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	2322	0.0110	0.0000				2		0	
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0571	< 0.01					2		5	
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0870	< 0.01					2		5	
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	2059	< 0.01					2		5	
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0682	< 0.1					2		5	
131.99	Methionine, Miscellaneous (%)	0227	< 0.01					0		5	
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0571	0.0110	0.0000				3		0	
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0870	0.0429	0.0045				3		0	
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0859	0.0643	0.0013				3		0	
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	2059	< 0.01					3		5	
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0682	< 0.1					3		5	
132.99	Phenylalanine, Miscellaneous (%)	0227	< 0.03					0		5	
133.00	Proline, Post-col Ninhydrin Der (%)	0859	0.0036	0.0001				3		0	
133.00	Proline, Post-col Ninhydrin Der (%)	0571	0.0165	0.0030				3		0	
133.00	Proline, Post-col Ninhydrin Der (%)	2059	0.0290	0.0020				3		0	
133.00	Proline, Post-col Ninhydrin Der (%)	0870	< 0.01					3		5	
133.00	Proline, Post-col Ninhydrin Der (%)	0682	< 0.1					3		5	
133.99	Proline, Miscellaneous (%)	0227	< 0.05					0		5	
134.00	Serine, Post-col Ninhydrin Der (%)	0571	0.0130	0.0000				3		0	
134.00	Serine, Post-col Ninhydrin Der (%)	2059	0.0160	0.0020				3		0	
134.00	Serine, Post-col Ninhydrin Der (%)	0859	0.0194	0.0003				3		0	
134.00	Serine, Post-col Ninhydrin Der (%)	0870	< 0.01					3		5	
134.00	Serine, Post-col Ninhydrin Der (%)	0682	< 0.1					3		5	
134.99	Serine, Miscellaneous (%)	0227	0.0150	0.0100				1		0	
135.00	Threonine, Post-col Ninhydrin Der (%)	0571	0.0115	0.0010				3		0	
135.00	Threonine, Post-col Ninhydrin Der (%)	2059	0.0135	0.0030				3		0	
135.00	Threonine, Post-col Ninhydrin Der (%)	0859	0.0192	0.0003				3		0	
135.00	Threonine, Post-col Ninhydrin Der (%)	0870	< 0.01					3		5	
135.00	Threonine, Post-col Ninhydrin Der (%)	0682	< 0.1					3		5	
135.99	Threonine, Miscellaneous (%)	0227	< 0.02					0		5	
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	2322	0.0040	0.0000				1		0	
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0227	< 0.01					1		5	
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0870	< 0.01					1		5	
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0682	< 0.1					1		5	

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136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0859	< 0.001					0		5	
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0571	< 0.02					0		5	
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	2059	< 0.02					0		5	
137.00	Tyrosine, Post-col Ninhydrin Der (%)	2059	0.0255	0.0010				1		0	
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0870	< 0.01					1		5	
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0682	< 0.1					1		5	
137.99	Tyrosine, Miscellaneous (%)	0227	< 0.04					0		5	
138.00	Valine, Post-col Ninhydrin Der (%)	0859	0.0365	0.0009				1		0	
138.00	Valine, Post-col Ninhydrin Der (%)	0870	< 0.01					1		5	
138.00	Valine, Post-col Ninhydrin Der (%)	0571	< 0.02					1		5	
138.00	Valine, Post-col Ninhydrin Der (%)	2059	< 0.02					1		5	
138.00	Valine, Post-col Ninhydrin Der (%)	0682	< 0.1					1		5	
138.99	Valine, Miscellaneous (%)	0227	< 0.02					0		5	
139.00	Taurine, Post-col Ninhydrin Der (%)	0682	< 0.1					0		5	
139.99	Taurine, Miscellaneous (%)	0227	< 0.01					0		5	
150.00	Phytase, Colorimetric (Units / kg)	0047	2,087	344.0				3		0	
150.00	Phytase, Colorimetric (Units / kg)	0218	14,960	12.00				3		0	
150.00	Phytase, Colorimetric (Units / kg)	0171	22,800	600.0				3		0	
150.00	Phytase, Colorimetric (Units / kg)	0904	23,440	2,660				3		1	
160.99	Fructose, Miscellaneous (%)	0227	< 0.15					0		5	
162.99	Glucose, Miscellaneous (%)	0227	< 0.15					0		5	
163.99	Lactose, Miscellaneous (%)	0227	< 0.15					0		5	
164.99	Maltose, Miscellaneous (%)	0227	< 0.15					0		5	
165.99	Sucrose, Miscellaneous (%)	0227	< 0.15					0		5	
166.99	Raffinose, Miscellaneous (%)	0227	< 0.05					0		5	
167.99	Stachyose, Miscellaneous (%)	0227	< 0.05					0		5	
400.01	Water Activity, Aqualab chilled mirror (Units)	2268	0.3430	0.0100	0.4841	0.0243	0.0049	6	-5.80	15%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	0843	0.4780	0.0020	0.4841	0.0243	0.0049	6	-0.25	1%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	0942	0.4830	0.0020	0.4841	0.0243	0.0049	6	-0.05	0%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	0589	0.4875	0.0050	0.4841	0.0243	0.0049	6	0.14	0%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	0407	0.4880	0.0040	0.4841	0.0243	0.0049	6	0.16	0%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	2109	0.5368	0.0062	0.4841	0.0243	0.0049	6	2.17	5%	0
400.99	Water Activity, Miscellaneous (Units)	0843	0.4800	0.0020				2			0
400.99	Water Activity, Miscellaneous (Units)	2073	0.4935	0.0050				2			0
516.34	Arsenic, Total, AAS, Graphite furnace (ppm)	2022	0.3036	0.0076				1			0
516.43	Arsenic, Total, ICP, Microwave (ppm)	0407	0.6895	0.3410				1			0
516.43	Arsenic, Total, ICP, Microwave (ppm)	0682	< 10					1			5
516.52	Arsenic, Total, ICP-MS, Open vessel (ppm)	0186	0.6675	0.0430				1			0
516.53	Arsenic, Total, ICP-MS, Microwave (ppm)	0553	0.5015	0.1050	0.7394	0.1576	0.0837	6	-1.51	16%	0
516.53	Arsenic, Total, ICP-MS, Microwave (ppm)	2033	0.6850	0.0100	0.7394	0.1576	0.0837	6	-0.35	4%	0
516.53	Arsenic, Total, ICP-MS, Microwave (ppm)	0939	0.7450	0.0500	0.7394	0.1576	0.0837	6	0.04	0%	0
516.53	Arsenic, Total, ICP-MS, Microwave (ppm)	0227	0.7735	0.0030	0.7394	0.1576	0.0837	6	0.22	2%	0

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516.53	Arsenic, Total, ICP-MS, Microwave (ppm)	2053	0.8150	0.1100	0.7394	0.1576	0.0837	6	0.48	5%	0
516.53	Arsenic, Total, ICP-MS, Microwave (ppm)	2012	0.9150	0.2240	0.7394	0.1576	0.0837	6	1.11	12%	0
518.34	Cadmium, AAS, Graphite furnace (ppm)	2022	0.7382	0.0068				1			0
518.41	Cadmium, ICP, Dry ash (ppm)	0407	0.6413	0.0444				2			0
518.41	Cadmium, ICP, Dry ash (ppm)	0171	0.6905	0.0050				2			0
518.43	Cadmium, ICP, Microwave (ppm)	0407	0.6985	0.0033				3			0
518.43	Cadmium, ICP, Microwave (ppm)	0968	1.022	0.0050				3			0
518.43	Cadmium, ICP, Microwave (ppm)	0682	1.248	0.0000				3			0
518.52	Cadmium, ICP-MS, Open vessel (ppm)	0186	0.8435	0.0450				2			0
518.52	Cadmium, ICP-MS, Open vessel (ppm)	2053	0.9500	0.0600				2			0
518.53	Cadmium, ICP-MS, Microwave (ppm)	0553	0.7265	0.0590	0.8469	0.0775	0.0418	5			0
518.53	Cadmium, ICP-MS, Microwave (ppm)	0939	0.8250	0.0300	0.8469	0.0775	0.0418	5			0
518.53	Cadmium, ICP-MS, Microwave (ppm)	2012	0.8570	0.0120	0.8469	0.0775	0.0418	5			0
518.53	Cadmium, ICP-MS, Microwave (ppm)	0227	0.9030	0.0240	0.8469	0.0775	0.0418	5			0
518.53	Cadmium, ICP-MS, Microwave (ppm)	2055	0.9230	0.0840	0.8469	0.0775	0.0418	5			0
520.41	Chromium, ICP, Dry ash (ppm)	0407	43.57	0.5420				2			0
520.41	Chromium, ICP, Dry ash (ppm)	0171	47.40	0.8000				2			0
520.42	Chromium, ICP, Open vessel (ppm)	0693	55.20	0.6880				1			0
520.43	Chromium, ICP, Microwave (ppm)	0407	53.17	0.5460	63.85	12.30	0.4253	4			0
520.43	Chromium, ICP, Microwave (ppm)	0968	53.30	0.3550	63.85	12.30	0.4253	4			0
520.43	Chromium, ICP, Microwave (ppm)	0682	73.36	0.0000	63.85	12.30	0.4253	4			0
520.43	Chromium, ICP, Microwave (ppm)	0510	75.59	0.8000	63.85	12.30	0.4253	4			0
520.52	Chromium, ICP-MS, Open vessel (ppm)	0186	66.24	3.800				1			0
520.53	Chromium, ICP-MS, Microwave (ppm)	2055	58.02	1.622	62.89	4.567	2.966	5			0
520.53	Chromium, ICP-MS, Microwave (ppm)	0015	58.56	3.280	62.89	4.567	2.966	5			0
520.53	Chromium, ICP-MS, Microwave (ppm)	0553	63.90	1.400	62.89	4.567	2.966	5			0
520.53	Chromium, ICP-MS, Microwave (ppm)	0164	65.20	4.600	62.89	4.567	2.966	5			0
520.53	Chromium, ICP-MS, Microwave (ppm)	0939	68.78	3.930	62.89	4.567	2.966	5			0
526.34	Lead, AAS, Graphite furnace (ppm)	2022	1.365	0.0240				1			0
526.41	Lead, ICP, Dry ash (ppm)	0171	0.8015	0.0530				3			0
526.41	Lead, ICP, Dry ash (ppm)	2152	1.310	0.0200				3			0
526.41	Lead, ICP, Dry ash (ppm)	0407	1.383	0.0654				3			0
526.43	Lead, ICP, Microwave (ppm)	0407	1.589	0.1729				3			0
526.43	Lead, ICP, Microwave (ppm)	0968	1.705	0.0330				3			0
526.43	Lead, ICP, Microwave (ppm)	0682	3.881	0.0000				3			0
526.52	Lead, ICP-MS, Open vessel (ppm)	2053	1.780	0.0400				1			0
526.53	Lead, ICP-MS, Microwave (ppm)	0553	1.800	0.0800	2.026	0.2212	0.0786	5			0
526.53	Lead, ICP-MS, Microwave (ppm)	2033	1.915	0.0900	2.026	0.2212	0.0786	5			0
526.53	Lead, ICP-MS, Microwave (ppm)	0227	1.920	0.0000	2.026	0.2212	0.0786	5			0
526.53	Lead, ICP-MS, Microwave (ppm)	2012	2.140	0.0530	2.026	0.2212	0.0786	5			0
526.53	Lead, ICP-MS, Microwave (ppm)	0939	2.355	0.1700	2.026	0.2212	0.0786	5			0
529.99	Mercury, Miscellaneous (ppb)	2012	1.843	0.4920				1			0

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529.99	Mercury, Miscellaneous (ppb)	0227	< 100						1		5
529.99	Mercury, Miscellaneous (ppb)	0682	< 10000						1		5
539.41	Nickel, ICP, Dry ash (ppm)	0407	6.532	0.2013					2		0
539.41	Nickel, ICP, Dry ash (ppm)	0171	7.399	0.2580					2		0
539.43	Nickel, ICP, Microwave (ppm)	2033	7.960	1.280					3		0
539.43	Nickel, ICP, Microwave (ppm)	0407	8.093	0.1227					3		0
539.43	Nickel, ICP, Microwave (ppm)	0682	11.82	0.0000					3		0
539.52	Nickel, ICP-MS, Open vessel (ppm)	0186	10.31	0.6500					1		0
539.53	Nickel, ICP-MS, Microwave (ppm)	0553	10.03	1.940					3		0
539.53	Nickel, ICP-MS, Microwave (ppm)	0939	10.55	0.6700					3		0
539.53	Nickel, ICP-MS, Microwave (ppm)	0015	10.83	1.720					3		0
710.99	Lauric Acid (12:0), Miscellaneous (% (w/w))	0164	< 0.02						0		5
714.99	Myristic Acid (14:0), Miscellaneous (% (w/w))	0164	< 0.02						0		5
716.99	Palmitic Acid (16:0), Miscellaneous (% (w/w))	0164	0.2435	0.0110					1		0
718.99	Palmitoleic Acid (9c-16:1), Miscellaneous (% (w/w))	0676	0.0000	0.0000					0		4
722.99	Stearic Acid (18:0), Miscellaneous (% (w/w))	0164	0.0670	0.0080					1		0
724.99	Oleic Acid (9c-18:1), Miscellaneous (% (w/w))	0164	0.1885	0.0090					1		0
726.99	Linoleic Acid (9c,12c-18:2), Miscellaneous (% (w/w))	0676	0.0470	0.0000					2		0
726.99	Linoleic Acid (9c,12c-18:2), Miscellaneous (% (w/w))	0164	0.0840	0.0040					2		0
728.99	alpha-Linolenic Acid (9c,12c,15c-18:3), Miscellaneous (% (w/w))	0676	0.0025	0.0010					1		0
728.99	alpha-Linolenic Acid (9c,12c,15c-18:3), Miscellaneous (% (w/w))	0164	< 0.02						1		5
730.99	Arachidic Acid (20:0), Miscellaneous (% (w/w))	0164	< 0.02						0		5
732.99	Gondoic Acid (11c-20:1), Miscellaneous (% (w/w))	0164	< 0.02						0		5
736.99	Arachidonic Acid (5c,8c,11c,14c-20:4), Miscellaneous (% (w/w))	0676	0.0000	0.0000					0		4
740.99	Eicosapentaenoic Acid EPA (5c,8c,11c,14c,17c-20:5), Miscellaneous (% (w/w))	0676	0.0000	0.0000					0		4
742.99	Behenic Acid (22:0), Miscellaneous (% (w/w))	0164	< 0.02						0		5
746.99	Docosapentaenoic Acid n-3 DPA (7c,10c,13c,16c,19c-22:5), Miscellaneous (% (w/w))	0676	0.0000	0.0000					0		4
750.99	Docosahexaenoic Acid DHA (4c,7c,10c,13c,16c,19c-22:6), Miscellaneous (% (w/w))	0676	0.0000	0.0000					0		4
754.99	Total n-3 Polyunsaturated (Omega-3) Fatty Acids, Miscellaneous (% (w/w))	0676	0.0000	0.0000					0		4
754.99	Total n-3 Polyunsaturated (Omega-3) Fatty Acids, Miscellaneous (% (w/w))	0164	< 0.02						0		5
756.99	Total n-6 Polyunsaturated (Omega-6) Fatty Acids, Miscellaneous (% (w/w))	0676	0.0500	0.0000					2		0
756.99	Total n-6 Polyunsaturated (Omega-6) Fatty Acids, Miscellaneous (% (w/w))	0164	0.0865	0.0070					2		0
758.99	Total Saturated Fatty Acids, Miscellaneous (% (w/w))	0164	0.3715	0.0150					1		0
762.99	Total Monounsaturated Fatty Acids, Miscellaneous (% (w/w))	0164	0.2095	0.0090					1		0
766.99	Total Polyunsaturated Fatty Acids, Miscellaneous (% (w/w))	0164	0.1125	0.0210					1		0
770.99	Total Fat (equivalent to NLEA), Miscellaneous (% (w/w))	0164	0.7645	0.0630					1		0
772.99	Total Fatty Acids, Miscellaneous (% (w/w))	0164	0.7300	0.0600					1		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.