

**AAFCO Check Sample Program**  
**All Labs and All Methods Report**  
**Sort by Method**  
**Proficiency For Individual Methods**  
**Sample # 201432**  
**Poultry Layer Feed**



Robust statistics not used if < 6 labs reporting, in this case the Z Scores are included for information only (Grey).

Issue Date : 01/31/2015

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
000.02	Urea, As protein, Colorimetric (%)	0278	0.10000	0.00000			0.00000	1			
000.99	Urea, Miscellaneous (%)	0920	0.00000	0.00000			0.00000	1			
001.00	Loss on Drying, Vac 95°C 5 hr (%)	2048	8.2035	0.12700	9.2463	0.41839	0.06828	6	-2.49	6%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0622	9.0778	0.03270	9.2463	0.41839	0.06828	6	-0.40	1%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0345	9.1700	0.08000	9.2463	0.41839	0.06828	6	-0.18	0%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0034	9.2550	0.05000	9.2463	0.41839	0.06828	6	0.02	0%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0309	9.5500	0.10000	9.2463	0.41839	0.06828	6	0.73	2%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0504	9.8600	0.02000	9.2463	0.41839	0.06828	6	1.47	3%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0615	9.2100	0.54000	9.2463	0.41839	0.06828	6	-0.09	0%	1
001.03	Loss on Drying, Low temp. methods (%)	0186	9.1500	0.00000	9.5414	0.14497	0.02552	12	-2.70	2%	0
001.03	Loss on Drying, Low temp. methods (%)	2042	9.3850	0.01000	9.5414	0.14497	0.02552	12	-1.08	1%	0
001.03	Loss on Drying, Low temp. methods (%)	0619	9.4300	0.06000	9.5414	0.14497	0.02552	12	-0.77	1%	0
001.03	Loss on Drying, Low temp. methods (%)	2065	9.4385	0.00300	9.5414	0.14497	0.02552	12	-0.71	1%	0
001.03	Loss on Drying, Low temp. methods (%)	0893	9.4600	0.02000	9.5414	0.14497	0.02552	12	-0.56	0%	0
001.03	Loss on Drying, Low temp. methods (%)	2063	9.5500	0.02000	9.5414	0.14497	0.02552	12	0.06	0%	0
001.03	Loss on Drying, Low temp. methods (%)	0897	9.6000	0.00000	9.5414	0.14497	0.02552	12	0.40	0%	0
001.03	Loss on Drying, Low temp. methods (%)	0895	9.6150	0.01000	9.5414	0.14497	0.02552	12	0.51	0%	0
001.03	Loss on Drying, Low temp. methods (%)	2062	9.6280	0.07320	9.5414	0.14497	0.02552	12	0.60	0%	0
001.03	Loss on Drying, Low temp. methods (%)	0878	9.6400	0.10000	9.5414	0.14497	0.02552	12	0.68	1%	0
001.03	Loss on Drying, Low temp. methods (%)	0903	9.6750	0.01000	9.5414	0.14497	0.02552	12	0.92	1%	0
001.03	Loss on Drying, Low temp. methods (%)	0937	9.7400	0.00000	9.5414	0.14497	0.02552	12	1.37	1%	0
001.05	Loss on Drying, LECO (%)	0610	9.2500	0.00000			0.00000	1			
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0618	6.1350	0.17000	9.2958	0.32288	0.09754	35	-9.79	17%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0278	8.2900	0.06000	9.2958	0.32288	0.09754	35	-3.12	5%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0038	8.3100	0.44000	9.2958	0.32288	0.09754	35	-3.05	5%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0845	8.8400	0.28000	9.2958	0.32288	0.09754	35	-1.41	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0675	8.8950	0.01000	9.2958	0.32288	0.09754	35	-1.24	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0297	8.9100	0.10000	9.2958	0.32288	0.09754	35	-1.20	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0089	8.9900	0.00000	9.2958	0.32288	0.09754	35	-0.95	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0609	9.0000	0.00000	9.2958	0.32288	0.09754	35	-0.92	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0581	9.0300	0.26000	9.2958	0.32288	0.09754	35	-0.82	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0171	9.1300	0.10000	9.2958	0.32288	0.09754	35	-0.51	1%	0

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001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0683	9.1450	0.09000	9.2958	0.32288	0.09754	35	-0.47	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0913	9.1600	0.04000	9.2958	0.32288	0.09754	35	-0.42	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0083	9.1900	0.04000	9.2958	0.32288	0.09754	35	-0.33	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0178	9.2500	0.10000	9.2958	0.32288	0.09754	35	-0.14	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0139	9.2650	0.03000	9.2958	0.32288	0.09754	35	-0.10	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0353	9.2700	0.30000	9.2958	0.32288	0.09754	35	-0.08	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2012	9.2900	0.08000	9.2958	0.32288	0.09754	35	-0.02	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0015	9.3300	0.06000	9.2958	0.32288	0.09754	35	0.11	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2059	9.3300	0.02000	9.2958	0.32288	0.09754	35	0.11	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0843	9.3950	0.05000	9.2958	0.32288	0.09754	35	0.31	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0413	9.4000	0.00000	9.2958	0.32288	0.09754	35	0.32	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0187	9.4050	0.01000	9.2958	0.32288	0.09754	35	0.34	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0035	9.4150	0.27000	9.2958	0.32288	0.09754	35	0.37	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0695	9.4450	0.05000	9.2958	0.32288	0.09754	35	0.46	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0226	9.4500	0.10000	9.2958	0.32288	0.09754	35	0.48	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0592	9.5450	0.01000	9.2958	0.32288	0.09754	35	0.77	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0689	9.5500	0.10000	9.2958	0.32288	0.09754	35	0.79	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2011	9.5500	0.00000	9.2958	0.32288	0.09754	35	0.79	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0571	9.5750	0.09000	9.2958	0.32288	0.09754	35	0.86	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0049	9.5800	0.22000	9.2958	0.32288	0.09754	35	0.88	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0849	9.6170	0.07400	9.2958	0.32288	0.09754	35	0.99	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0693	9.6200	0.08000	9.2958	0.32288	0.09754	35	1.00	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0098	9.7400	0.04000	9.2958	0.32288	0.09754	35	1.38	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0142	9.7400	0.04000	9.2958	0.32288	0.09754	35	1.38	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0045	10.250	0.10000	9.2958	0.32288	0.09754	35	2.96	5%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0074	9.8350	1.2300	9.2958	0.32288	0.09754	35	1.67	3%	1
001.08	Loss on Drying, 102°C 16 hr, in meat (%)	0590	9.3000	0.20000	9.5300	0.20421	0.06667	3	-1.13	1%	0
001.08	Loss on Drying, 102°C 16 hr, in meat (%)	0652	9.6000	0.00000	9.5300	0.20421	0.06667	3	0.34	0%	0
001.08	Loss on Drying, 102°C 16 hr, in meat (%)	0337	9.6900	0.00000	9.5300	0.20421	0.06667	3	0.78	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0618	7.9250	0.15000	9.3575	0.29394	0.10056	18	-4.87	8%	0
001.99	Loss on Drying, Miscellaneous (%)	0630	8.8550	0.27000	9.3575	0.29394	0.10056	18	-1.71	3%	0
001.99	Loss on Drying, Miscellaneous (%)	0676	9.0000	0.00000	9.3575	0.29394	0.10056	18	-1.22	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0940	9.0450	0.01000	9.3575	0.29394	0.10056	18	-1.06	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0904	9.2300	0.14000	9.3575	0.29394	0.10056	18	-0.43	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0510	9.2500	0.10000	9.3575	0.29394	0.10056	18	-0.37	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0357	9.2800	0.06000	9.3575	0.29394	0.10056	18	-0.26	0%	0
001.99	Loss on Drying, Miscellaneous (%)	0889	9.3000	0.02000	9.3575	0.29394	0.10056	18	-0.20	0%	0
001.99	Loss on Drying, Miscellaneous (%)	0948	9.3450	0.03000	9.3575	0.29394	0.10056	18	-0.04	0%	0
001.99	Loss on Drying, Miscellaneous (%)	0918	9.3650	0.31000	9.3575	0.29394	0.10056	18	0.03	0%	0
001.99	Loss on Drying, Miscellaneous (%)	0951	9.4050	0.01000	9.3575	0.29394	0.10056	18	0.16	0%	0
001.99	Loss on Drying, Miscellaneous (%)	0505	9.4900	0.06000	9.3575	0.29394	0.10056	18	0.45	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0536	9.5000	0.08000	9.3575	0.29394	0.10056	18	0.48	1%	0

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001.99	Loss on Drying, Miscellaneous (%)	0852	9.5750	0.11000	9.3575	0.29394	0.10056	18	0.74	1%	0
001.99	Loss on Drying, Miscellaneous (%)	2018	9.6100	0.02000	9.3575	0.29394	0.10056	18	0.86	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0629	9.6200	0.08000	9.3575	0.29394	0.10056	18	0.89	1%	0
001.99	Loss on Drying, Miscellaneous (%)	2080	9.9000	0.20000	9.3575	0.29394	0.10056	18	1.85	3%	0
001.99	Loss on Drying, Miscellaneous (%)	0037	9.9700	0.16000	9.3575	0.29394	0.10056	18	2.08	3%	0
001.99	Loss on Drying, Miscellaneous (%)	0004	9.6500	0.48000	9.3575	0.29394	0.10056	18	1.00	2%	1
002.00	Protein, Crude (%)	0940	16.400	0.00000	17.756	1.8868	0.14250	4	-0.72	4%	0
002.00	Protein, Crude (%)	0845	17.000	0.22000	17.756	1.8868	0.14250	4	-0.40	2%	0
002.00	Protein, Crude (%)	0028	17.075	0.05000	17.756	1.8868	0.14250	4	-0.36	2%	0
002.00	Protein, Crude (%)	0581	20.550	0.30000	17.756	1.8868	0.14250	4	1.48	8%	0
002.01	Protein, Auto Kjel-Foss (%)	0870	16.367	0.28800	16.660	0.20852	0.13736	11	-1.40	1%	0
002.01	Protein, Auto Kjel-Foss (%)	2023	16.440	0.04000	16.660	0.20852	0.13736	11	-1.05	1%	0
002.01	Protein, Auto Kjel-Foss (%)	0152	16.500	0.00000	16.660	0.20852	0.13736	11	-0.77	0%	0
002.01	Protein, Auto Kjel-Foss (%)	0685	16.550	0.10000	16.660	0.20852	0.13736	11	-0.53	0%	0
002.01	Protein, Auto Kjel-Foss (%)	0062	16.670	0.30000	16.660	0.20852	0.13736	11	0.05	0%	0
002.01	Protein, Auto Kjel-Foss (%)	0723	16.680	0.00000	16.660	0.20852	0.13736	11	0.10	0%	0
002.01	Protein, Auto Kjel-Foss (%)	0968	16.698	0.12300	16.660	0.20852	0.13736	11	0.18	0%	0
002.01	Protein, Auto Kjel-Foss (%)	0610	16.700	0.20000	16.660	0.20852	0.13736	11	0.19	0%	0
002.01	Protein, Auto Kjel-Foss (%)	0164	16.830	0.02000	16.660	0.20852	0.13736	11	0.82	1%	0
002.01	Protein, Auto Kjel-Foss (%)	0652	16.850	0.30000	16.660	0.20852	0.13736	11	0.91	1%	0
002.01	Protein, Auto Kjel-Foss (%)	0848	17.110	0.14000	16.660	0.20852	0.13736	11	2.16	1%	0
002.01	Protein, Auto Kjel-Foss (%)	0889	3.3650	0.03000	16.660	0.20852	0.13736	11	-63.76	40%	2
002.02	Protein, Semiauto Autoanalyzer (%)	0042	16.285	0.13000	16.589	0.30965	0.13175	4	-0.98	1%	0
002.02	Protein, Semiauto Autoanalyzer (%)	0169	16.385	0.05000	16.589	0.30965	0.13175	4	-0.66	1%	0
002.02	Protein, Semiauto Autoanalyzer (%)	0066	16.730	0.14000	16.589	0.30965	0.13175	4	0.46	0%	0
002.02	Protein, Semiauto Autoanalyzer (%)	0036	16.955	0.20700	16.589	0.30965	0.13175	4	1.18	1%	0
002.04	Protein, Copper Catalyst (%)	0187	12.775	0.21000	16.625	0.48734	0.12833	6	-7.90	12%	0
002.04	Protein, Copper Catalyst (%)	0874	16.385	0.31000	16.625	0.48734	0.12833	6	-0.49	1%	0
002.04	Protein, Copper Catalyst (%)	0728	16.405	0.01000	16.625	0.48734	0.12833	6	-0.45	1%	0
002.04	Protein, Copper Catalyst (%)	0504	16.820	0.02000	16.625	0.48734	0.12833	6	0.40	1%	0
002.04	Protein, Copper Catalyst (%)	2057	16.915	0.05000	16.625	0.48734	0.12833	6	0.60	1%	0
002.04	Protein, Copper Catalyst (%)	0405	19.835	0.17000	16.625	0.48734	0.12833	6	6.59	10%	0
002.05	Protein, Copper, Boric Acid (%)	0852	15.980	0.08000	16.627	0.17415	0.08149	38	-3.72	2%	0
002.05	Protein, Copper, Boric Acid (%)	0674	16.290	0.04000	16.627	0.17415	0.08149	38	-1.94	1%	0
002.05	Protein, Copper, Boric Acid (%)	0897	16.400	0.00000	16.627	0.17415	0.08149	38	-1.31	1%	0
002.05	Protein, Copper, Boric Acid (%)	0552	16.405	0.03000	16.627	0.17415	0.08149	38	-1.28	1%	0
002.05	Protein, Copper, Boric Acid (%)	2011	16.425	0.15000	16.627	0.17415	0.08149	38	-1.16	1%	0
002.05	Protein, Copper, Boric Acid (%)	0039	16.438	0.03800	16.627	0.17415	0.08149	38	-1.09	1%	0
002.05	Protein, Copper, Boric Acid (%)	0895	16.445	0.01000	16.627	0.17415	0.08149	38	-1.05	1%	0
002.05	Protein, Copper, Boric Acid (%)	0955	16.450	0.10000	16.627	0.17415	0.08149	38	-1.02	1%	0
002.05	Protein, Copper, Boric Acid (%)	0921	16.460	0.00000	16.627	0.17415	0.08149	38	-0.96	1%	0
002.05	Protein, Copper, Boric Acid (%)	2062	16.465	0.07800	16.627	0.17415	0.08149	38	-0.94	0%	0

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002.05	Protein, Copper, Boric Acid (%)	0903	16.515	0.01000	16.627	0.17415	0.08149	38	-0.65	0%	0
002.05	Protein, Copper, Boric Acid (%)	0675	16.550	0.02000	16.627	0.17415	0.08149	38	-0.44	0%	0
002.05	Protein, Copper, Boric Acid (%)	0939	16.550	0.14000	16.627	0.17415	0.08149	38	-0.44	0%	0
002.05	Protein, Copper, Boric Acid (%)	0885	16.570	0.20000	16.627	0.17415	0.08149	38	-0.33	0%	0
002.05	Protein, Copper, Boric Acid (%)	2042	16.600	0.00000	16.627	0.17415	0.08149	38	-0.16	0%	0
002.05	Protein, Copper, Boric Acid (%)	2048	16.625	0.15300	16.627	0.17415	0.08149	38	-0.02	0%	0
002.05	Protein, Copper, Boric Acid (%)	0194	16.625	0.03000	16.627	0.17415	0.08149	38	-0.01	0%	0
002.05	Protein, Copper, Boric Acid (%)	2006	16.635	0.21000	16.627	0.17415	0.08149	38	0.04	0%	0
002.05	Protein, Copper, Boric Acid (%)	0943	16.640	0.04000	16.627	0.17415	0.08149	38	0.07	0%	0
002.05	Protein, Copper, Boric Acid (%)	0951	16.640	0.08000	16.627	0.17415	0.08149	38	0.07	0%	0
002.05	Protein, Copper, Boric Acid (%)	0849	16.646	0.00900	16.627	0.17415	0.08149	38	0.10	0%	0
002.05	Protein, Copper, Boric Acid (%)	0619	16.650	0.30000	16.627	0.17415	0.08149	38	0.13	0%	0
002.05	Protein, Copper, Boric Acid (%)	0689	16.650	0.30000	16.627	0.17415	0.08149	38	0.13	0%	0
002.05	Protein, Copper, Boric Acid (%)	0893	16.655	0.01000	16.627	0.17415	0.08149	38	0.16	0%	0
002.05	Protein, Copper, Boric Acid (%)	0354	16.680	0.02000	16.627	0.17415	0.08149	38	0.30	0%	0
002.05	Protein, Copper, Boric Acid (%)	2022	16.685	0.05000	16.627	0.17415	0.08149	38	0.33	0%	0
002.05	Protein, Copper, Boric Acid (%)	0683	16.700	0.14000	16.627	0.17415	0.08149	38	0.42	0%	0
002.05	Protein, Copper, Boric Acid (%)	0878	16.700	0.10000	16.627	0.17415	0.08149	38	0.42	0%	0
002.05	Protein, Copper, Boric Acid (%)	2063	16.710	0.02000	16.627	0.17415	0.08149	38	0.47	0%	0
002.05	Protein, Copper, Boric Acid (%)	2012	16.725	0.07000	16.627	0.17415	0.08149	38	0.56	0%	0
002.05	Protein, Copper, Boric Acid (%)	0178	16.775	0.15000	16.627	0.17415	0.08149	38	0.85	0%	0
002.05	Protein, Copper, Boric Acid (%)	0620	16.802	0.00170	16.627	0.17415	0.08149	38	1.01	1%	0
002.05	Protein, Copper, Boric Acid (%)	2065	16.827	0.06700	16.627	0.17415	0.08149	38	1.14	1%	0
002.05	Protein, Copper, Boric Acid (%)	0948	16.905	0.13000	16.627	0.17415	0.08149	38	1.59	1%	0
002.05	Protein, Copper, Boric Acid (%)	0536	16.915	0.03000	16.627	0.17415	0.08149	38	1.65	1%	0
002.05	Protein, Copper, Boric Acid (%)	0941	16.930	0.16000	16.627	0.17415	0.08149	38	1.74	1%	0
002.05	Protein, Copper, Boric Acid (%)	0623	17.075	0.01000	16.627	0.17415	0.08149	38	2.57	1%	0
002.05	Protein, Copper, Boric Acid (%)	0937	17.120	0.12000	16.627	0.17415	0.08149	38	2.83	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0646	14.880	0.22000	16.890	0.27760	0.21522	134	-7.24	6%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0676	16.100	0.60000	16.890	0.27760	0.21522	134	-2.84	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0921	16.220	0.00000	16.890	0.27760	0.21522	134	-2.41	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0630	16.360	0.24000	16.890	0.27760	0.21522	134	-1.91	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0047	16.385	0.43000	16.890	0.27760	0.21522	134	-1.82	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0100	16.390	0.04000	16.890	0.27760	0.21522	134	-1.80	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0049	16.400	0.62000	16.890	0.27760	0.21522	134	-1.76	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0904	16.400	0.30000	16.890	0.27760	0.21522	134	-1.76	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0910	16.450	0.10000	16.890	0.27760	0.21522	134	-1.58	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0083	16.485	0.51500	16.890	0.27760	0.21522	134	-1.46	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0108	16.495	0.21000	16.890	0.27760	0.21522	134	-1.42	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0226	16.500	0.00000	16.890	0.27760	0.21522	134	-1.40	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0673	16.500	0.20000	16.890	0.27760	0.21522	134	-1.40	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0539	16.525	0.11000	16.890	0.27760	0.21522	134	-1.31	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
002.06	Protein, Combustion Nitrogen Analyzer (%)	0674	16.550	0.30000	16.890	0.27760	0.21522	134	-1.22	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0016	16.550	0.10000	16.890	0.27760	0.21522	134	-1.22	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0964	16.555	0.23000	16.890	0.27760	0.21522	134	-1.21	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0042	16.575	0.15000	16.890	0.27760	0.21522	134	-1.13	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0144	16.575	0.25000	16.890	0.27760	0.21522	134	-1.13	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0074	16.590	0.30000	16.890	0.27760	0.21522	134	-1.08	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0148	16.600	0.38000	16.890	0.27760	0.21522	134	-1.04	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0510	16.600	0.00000	16.890	0.27760	0.21522	134	-1.04	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0034	16.603	0.13000	16.890	0.27760	0.21522	134	-1.03	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0529	16.640	0.10000	16.890	0.27760	0.21522	134	-0.90	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0610	16.650	0.30000	16.890	0.27760	0.21522	134	-0.86	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0884	16.650	0.30000	16.890	0.27760	0.21522	134	-0.86	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0242	16.660	0.12000	16.890	0.27760	0.21522	134	-0.83	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0541	16.665	0.13000	16.890	0.27760	0.21522	134	-0.81	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2018	16.665	0.11000	16.890	0.27760	0.21522	134	-0.81	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0939	16.670	0.02000	16.890	0.27760	0.21522	134	-0.79	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0407	16.675	0.33000	16.890	0.27760	0.21522	134	-0.77	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2080	16.680	0.16000	16.890	0.27760	0.21522	134	-0.75	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0590	16.700	0.00000	16.890	0.27760	0.21522	134	-0.68	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0615	16.710	0.42000	16.890	0.27760	0.21522	134	-0.65	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0168	16.715	0.15000	16.890	0.27760	0.21522	134	-0.63	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0358	16.715	0.83000	16.890	0.27760	0.21522	134	-0.63	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0660	16.715	0.13000	16.890	0.27760	0.21522	134	-0.63	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0589	16.725	0.19000	16.890	0.27760	0.21522	134	-0.59	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0032	16.735	0.17000	16.890	0.27760	0.21522	134	-0.56	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0868	16.740	0.00000	16.890	0.27760	0.21522	134	-0.54	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0008	16.740	0.20000	16.890	0.27760	0.21522	134	-0.54	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0297	16.745	0.03000	16.890	0.27760	0.21522	134	-0.52	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0968	16.746	0.03300	16.890	0.27760	0.21522	134	-0.52	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0098	16.750	0.10000	16.890	0.27760	0.21522	134	-0.50	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0861	16.755	0.05000	16.890	0.27760	0.21522	134	-0.48	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0857	16.765	0.13000	16.890	0.27760	0.21522	134	-0.45	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0571	16.771	0.09700	16.890	0.27760	0.21522	134	-0.43	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2059	16.777	0.00310	16.890	0.27760	0.21522	134	-0.41	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0027	16.783	0.26200	16.890	0.27760	0.21522	134	-0.38	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0693	16.790	0.36000	16.890	0.27760	0.21522	134	-0.36	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0001	16.795	0.55000	16.890	0.27760	0.21522	134	-0.34	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0139	16.800	0.06000	16.890	0.27760	0.21522	134	-0.32	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0164	16.800	0.02000	16.890	0.27760	0.21522	134	-0.32	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0695	16.805	0.09000	16.890	0.27760	0.21522	134	-0.30	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2023	16.815	0.09000	16.890	0.27760	0.21522	134	-0.27	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0202	16.820	0.00000	16.890	0.27760	0.21522	134	-0.25	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
002.06	Protein, Combustion Nitrogen Analyzer (%)	0205	16.820	0.28000	16.890	0.27760	0.21522	134	-0.25	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0554	16.820	0.12000	16.890	0.27760	0.21522	134	-0.25	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0505	16.825	0.09000	16.890	0.27760	0.21522	134	-0.23	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0309	16.841	0.01200	16.890	0.27760	0.21522	134	-0.17	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0609	16.845	0.07000	16.890	0.27760	0.21522	134	-0.16	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2074	16.850	0.30000	16.890	0.27760	0.21522	134	-0.14	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0959	16.860	0.02000	16.890	0.27760	0.21522	134	-0.11	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0037	16.865	0.09000	16.890	0.27760	0.21522	134	-0.09	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0687	16.875	0.05000	16.890	0.27760	0.21522	134	-0.05	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0960	16.885	0.27000	16.890	0.27760	0.21522	134	-0.02	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0354	16.890	0.02000	16.890	0.27760	0.21522	134	0.00	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0425	16.890	0.02000	16.890	0.27760	0.21522	134	0.00	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0175	16.900	0.20000	16.890	0.27760	0.21522	134	0.04	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0294	16.900	0.00000	16.890	0.27760	0.21522	134	0.04	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0345	16.900	0.10000	16.890	0.27760	0.21522	134	0.04	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0208	16.930	0.18000	16.890	0.27760	0.21522	134	0.15	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0045	16.950	0.30000	16.890	0.27760	0.21522	134	0.22	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0171	16.950	0.16000	16.890	0.27760	0.21522	134	0.22	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0004	16.960	0.42000	16.890	0.27760	0.21522	134	0.25	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0229	16.960	0.06000	16.890	0.27760	0.21522	134	0.25	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0138	16.965	0.14700	16.890	0.27760	0.21522	134	0.27	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2053	16.965	0.07000	16.890	0.27760	0.21522	134	0.27	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0618	16.965	0.09000	16.890	0.27760	0.21522	134	0.27	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0002	16.975	0.17000	16.890	0.27760	0.21522	134	0.31	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0190	16.975	0.17000	16.890	0.27760	0.21522	134	0.31	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0298	16.980	0.02000	16.890	0.27760	0.21522	134	0.33	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0508	16.980	0.30000	16.890	0.27760	0.21522	134	0.33	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0941	16.985	0.09000	16.890	0.27760	0.21522	134	0.34	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0300	16.990	0.16000	16.890	0.27760	0.21522	134	0.36	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0010	17.000	0.20000	16.890	0.27760	0.21522	134	0.40	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0033	17.000	0.00000	16.890	0.27760	0.21522	134	0.40	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0619	17.000	0.20000	16.890	0.27760	0.21522	134	0.40	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0337	17.010	0.06000	16.890	0.27760	0.21522	134	0.43	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0957	17.015	0.31000	16.890	0.27760	0.21522	134	0.45	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0574	17.020	0.22000	16.890	0.27760	0.21522	134	0.47	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0036	17.040	0.02000	16.890	0.27760	0.21522	134	0.54	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0553	17.040	0.08000	16.890	0.27760	0.21522	134	0.54	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0265	17.045	0.25000	16.890	0.27760	0.21522	134	0.56	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0035	17.050	0.04000	16.890	0.27760	0.21522	134	0.58	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0955	17.050	0.10000	16.890	0.27760	0.21522	134	0.58	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2012	17.060	0.02000	16.890	0.27760	0.21522	134	0.61	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0089	17.065	0.01000	16.890	0.27760	0.21522	134	0.63	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
002.06	Protein, Combustion Nitrogen Analyzer (%)	2006	17.065	0.17000	16.890	0.27760	0.21522	134	0.63	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0353	17.070	0.06000	16.890	0.27760	0.21522	134	0.65	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0592	17.070	0.10000	16.890	0.27760	0.21522	134	0.65	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0233	17.080	0.08000	16.890	0.27760	0.21522	134	0.69	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0504	17.080	0.06000	16.890	0.27760	0.21522	134	0.69	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0598	17.085	0.09000	16.890	0.27760	0.21522	134	0.70	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0357	17.095	0.19000	16.890	0.27760	0.21522	134	0.74	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0017	17.100	0.00000	16.890	0.27760	0.21522	134	0.76	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0278	17.100	0.20000	16.890	0.27760	0.21522	134	0.76	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0683	17.120	0.02000	16.890	0.27760	0.21522	134	0.83	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0958	17.125	0.07000	16.890	0.27760	0.21522	134	0.85	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0843	17.130	0.02000	16.890	0.27760	0.21522	134	0.87	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0123	17.135	0.11000	16.890	0.27760	0.21522	134	0.88	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0006	17.161	0.45700	16.890	0.27760	0.21522	134	0.98	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0520	17.170	0.00000	16.890	0.27760	0.21522	134	1.01	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0009	17.175	0.01000	16.890	0.27760	0.21522	134	1.03	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0014	17.200	0.40000	16.890	0.27760	0.21522	134	1.12	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0003	17.205	0.07000	16.890	0.27760	0.21522	134	1.14	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0626	17.212	0.05200	16.890	0.27760	0.21522	134	1.16	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0019	17.220	0.14000	16.890	0.27760	0.21522	134	1.19	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0650	17.225	0.03000	16.890	0.27760	0.21522	134	1.21	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0726	17.245	0.07000	16.890	0.27760	0.21522	134	1.28	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2076	17.250	0.10000	16.890	0.27760	0.21522	134	1.30	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2016	17.265	0.05000	16.890	0.27760	0.21522	134	1.35	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2075	17.270	0.02000	16.890	0.27760	0.21522	134	1.37	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0948	17.275	0.03000	16.890	0.27760	0.21522	134	1.39	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0682	17.290	0.00000	16.890	0.27760	0.21522	134	1.44	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0142	17.300	0.00000	16.890	0.27760	0.21522	134	1.48	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0413	17.300	0.40000	16.890	0.27760	0.21522	134	1.48	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0692	17.450	0.10000	16.890	0.27760	0.21522	134	2.02	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0961	17.480	0.08000	16.890	0.27760	0.21522	134	2.13	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0953	17.560	0.54000	16.890	0.27760	0.21522	134	2.42	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2003	17.568	0.52400	16.890	0.27760	0.21522	134	2.44	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0918	17.570	0.24000	16.890	0.27760	0.21522	134	2.45	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0956	17.650	0.10000	16.890	0.27760	0.21522	134	2.74	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0880	19.362	7.8080	16.890	0.27760	0.21522	134	8.91	7%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0511	908.28	1,781.4	16.890	0.27760	0.21522	134	3211.12	2639%	2
002.08	Protein, Cu / Ti (%)	0098	16.535	0.31000	17.033	0.51550	0.22300	3	-0.97	1%	0
002.08	Protein, Cu / Ti (%)	0208	17.000	0.00000	17.033	0.51550	0.22300	3	-0.06	0%	0
002.08	Protein, Cu / Ti (%)	0563	17.564	0.35900	17.033	0.51550	0.22300	3	1.03	2%	0
002.10	Protein, Block dig / distillation (%)	0629	16.560	0.00000	16.635	0.10607	0.02000	2	-0.71	0%	0
002.10	Protein, Block dig / distillation (%)	2080	16.710	0.04000	16.635	0.10607	0.02000	2	0.71	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
002.11	Protein, NIR (%)	0885	16.260	0.08000	17.233	0.85345	0.07667	6	-1.14	3%	0
002.11	Protein, NIR (%)	0297	16.775	0.05000	17.233	0.85345	0.07667	6	-0.54	1%	0
002.11	Protein, NIR (%)	0889	16.995	0.09000	17.233	0.85345	0.07667	6	-0.28	1%	0
002.11	Protein, NIR (%)	0951	17.150	0.04000	17.233	0.85345	0.07667	6	-0.10	0%	0
002.11	Protein, NIR (%)	0553	17.910	0.20000	17.233	0.85345	0.07667	6	0.79	2%	0
002.11	Protein, NIR (%)	0852	18.630	0.00000	17.233	0.85345	0.07667	6	1.64	4%	0
002.99	Protein, Miscellaneous (%)	0681	16.895	0.01000	17.135	0.33941	0.04000	2	-0.71	1%	0
002.99	Protein, Miscellaneous (%)	0643	17.375	0.07000	17.135	0.33941	0.04000	2	0.71	1%	0
003.00	Fat, Eth Ext., Direct (%)	0142	2.9050	0.01000	3.5810	0.17438	0.05391	14	-3.88	9%	0
003.00	Fat, Eth Ext., Direct (%)	0309	3.0827	0.04480	3.5810	0.17438	0.05391	14	-2.86	7%	0
003.00	Fat, Eth Ext., Direct (%)	0337	3.2800	0.10000	3.5810	0.17438	0.05391	14	-1.73	4%	0
003.00	Fat, Eth Ext., Direct (%)	0884	3.3850	0.15000	3.5810	0.17438	0.05391	14	-1.12	3%	0
003.00	Fat, Eth Ext., Direct (%)	0345	3.4100	0.02000	3.5810	0.17438	0.05391	14	-0.98	2%	0
003.00	Fat, Eth Ext., Direct (%)	0939	3.5050	0.15000	3.5810	0.17438	0.05391	14	-0.44	1%	0
003.00	Fat, Eth Ext., Direct (%)	0035	3.6400	0.00000	3.5810	0.17438	0.05391	14	0.34	1%	0
003.00	Fat, Eth Ext., Direct (%)	0194	3.6550	0.03000	3.5810	0.17438	0.05391	14	0.42	1%	0
003.00	Fat, Eth Ext., Direct (%)	0354	3.6750	0.01000	3.5810	0.17438	0.05391	14	0.54	1%	0
003.00	Fat, Eth Ext., Direct (%)	0017	3.7000	0.00000	3.5810	0.17438	0.05391	14	0.68	2%	0
003.00	Fat, Eth Ext., Direct (%)	2053	3.7100	0.04000	3.5810	0.17438	0.05391	14	0.74	2%	0
003.00	Fat, Eth Ext., Direct (%)	0139	3.7250	0.07000	3.5810	0.17438	0.05391	14	0.83	2%	0
003.00	Fat, Eth Ext., Direct (%)	0175	3.7300	0.06000	3.5810	0.17438	0.05391	14	0.85	2%	0
003.00	Fat, Eth Ext., Direct (%)	0032	3.7950	0.07000	3.5810	0.17438	0.05391	14	1.23	3%	0
003.00	Fat, Eth Ext., Direct (%)	0615	3.7700	0.34000	3.5810	0.17438	0.05391	14	1.08	3%	1
003.01	Fat, Ind Eth Ext (13th ed.), Indirect (%)	0504	3.1400	0.04000	3.2921	0.21507	0.06315	2	-0.71	2%	0
003.01	Fat, Ind Eth Ext (13th ed.), Indirect (%)	0563	3.4442	0.08630	3.2921	0.21507	0.06315	2	0.71	2%	0
003.06	Fat, Pet Ether (%)	0574	3.1900	0.02000	3.4482	0.20254	0.06951	19	-1.27	4%	0
003.06	Fat, Pet Ether (%)	0148	3.2000	0.06000	3.4482	0.20254	0.06951	19	-1.23	4%	0
003.06	Fat, Pet Ether (%)	2063	3.2600	0.02000	3.4482	0.20254	0.06951	19	-0.93	3%	0
003.06	Fat, Pet Ether (%)	0294	3.2750	0.01000	3.4482	0.20254	0.06951	19	-0.85	3%	0
003.06	Fat, Pet Ether (%)	0300	3.2775	0.14300	3.4482	0.20254	0.06951	19	-0.84	2%	0
003.06	Fat, Pet Ether (%)	0039	3.3356	0.01770	3.4482	0.20254	0.06951	19	-0.56	2%	0
003.06	Fat, Pet Ether (%)	0689	3.3500	0.10000	3.4482	0.20254	0.06951	19	-0.48	1%	0
003.06	Fat, Pet Ether (%)	0164	3.3900	0.14000	3.4482	0.20254	0.06951	19	-0.29	1%	0
003.06	Fat, Pet Ether (%)	0552	3.4100	0.04000	3.4482	0.20254	0.06951	19	-0.19	1%	0
003.06	Fat, Pet Ether (%)	0687	3.4350	0.07000	3.4482	0.20254	0.06951	19	-0.06	0%	0
003.06	Fat, Pet Ether (%)	0849	3.4450	0.07000	3.4482	0.20254	0.06951	19	-0.02	0%	0
003.06	Fat, Pet Ether (%)	0425	3.4650	0.01000	3.4482	0.20254	0.06951	19	0.08	0%	0
003.06	Fat, Pet Ether (%)	0682	3.5000	0.00000	3.4482	0.20254	0.06951	19	0.26	1%	0
003.06	Fat, Pet Ether (%)	0910	3.5100	0.06000	3.4482	0.20254	0.06951	19	0.31	1%	0
003.06	Fat, Pet Ether (%)	0852	3.6100	0.18000	3.4482	0.20254	0.06951	19	0.80	2%	0
003.06	Fat, Pet Ether (%)	0074	3.6550	0.01000	3.4482	0.20254	0.06951	19	1.02	3%	0
003.06	Fat, Pet Ether (%)	0918	3.7250	0.09000	3.4482	0.20254	0.06951	19	1.37	4%	0



Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
003.06	Fat, Pet Ether (%)	0083	3.7300	0.20000	3.4482	0.20254	0.06951	19	1.39	4%	0
003.06	Fat, Pet Ether (%)	0511	3.7900	0.08000	3.4482	0.20254	0.06951	19	1.69	5%	0
003.06	Fat, Pet Ether (%)	0297	3.6900	0.94000	3.4482	0.20254	0.06951	19	1.19	4%	1
003.09	Fat, Soxtec, Eth Ext (%)	0554	2.8850	0.09000	3.5122	0.10910	0.07354	22	-5.75	9%	0
003.09	Fat, Soxtec, Eth Ext (%)	0002	2.8900	0.06000	3.5122	0.10910	0.07354	22	-5.70	9%	0
003.09	Fat, Soxtec, Eth Ext (%)	0004	3.1750	0.25000	3.5122	0.10910	0.07354	22	-3.09	5%	0
003.09	Fat, Soxtec, Eth Ext (%)	0226	3.2000	0.00000	3.5122	0.10910	0.07354	22	-2.86	4%	0
003.09	Fat, Soxtec, Eth Ext (%)	0027	3.4270	0.01000	3.5122	0.10910	0.07354	22	-0.78	1%	0
003.09	Fat, Soxtec, Eth Ext (%)	0152	3.4500	0.10000	3.5122	0.10910	0.07354	22	-0.57	1%	0
003.09	Fat, Soxtec, Eth Ext (%)	0353	3.4650	0.15000	3.5122	0.10910	0.07354	22	-0.43	1%	0
003.09	Fat, Soxtec, Eth Ext (%)	0675	3.4850	0.11000	3.5122	0.10910	0.07354	22	-0.25	0%	0
003.09	Fat, Soxtec, Eth Ext (%)	0590	3.5050	0.05000	3.5122	0.10910	0.07354	22	-0.07	0%	0
003.09	Fat, Soxtec, Eth Ext (%)	0674	3.5050	0.03000	3.5122	0.10910	0.07354	22	-0.07	0%	0
003.09	Fat, Soxtec, Eth Ext (%)	0968	3.5065	0.01300	3.5122	0.10910	0.07354	22	-0.05	0%	0
003.09	Fat, Soxtec, Eth Ext (%)	0723	3.5100	0.00000	3.5122	0.10910	0.07354	22	-0.02	0%	0
003.09	Fat, Soxtec, Eth Ext (%)	0508	3.5534	0.01480	3.5122	0.10910	0.07354	22	0.38	1%	0
003.09	Fat, Soxtec, Eth Ext (%)	0098	3.5650	0.11000	3.5122	0.10910	0.07354	22	0.48	1%	0
003.09	Fat, Soxtec, Eth Ext (%)	0354	3.5750	0.19000	3.5122	0.10910	0.07354	22	0.58	1%	0
003.09	Fat, Soxtec, Eth Ext (%)	0505	3.5750	0.07000	3.5122	0.10910	0.07354	22	0.58	1%	0
003.09	Fat, Soxtec, Eth Ext (%)	0685	3.5750	0.01000	3.5122	0.10910	0.07354	22	0.58	1%	0
003.09	Fat, Soxtec, Eth Ext (%)	0038	3.5800	0.08000	3.5122	0.10910	0.07354	22	0.62	1%	0
003.09	Fat, Soxtec, Eth Ext (%)	2012	3.5950	0.05000	3.5122	0.10910	0.07354	22	0.76	1%	0
003.09	Fat, Soxtec, Eth Ext (%)	0948	3.6450	0.23000	3.5122	0.10910	0.07354	22	1.22	2%	0
003.09	Fat, Soxtec, Eth Ext (%)	0510	3.7000	0.00000	3.5122	0.10910	0.07354	22	1.72	3%	0
003.09	Fat, Soxtec, Eth Ext (%)	0673	3.7000	0.00000	3.5122	0.10910	0.07354	22	1.72	3%	0
003.10	Fat, Soxtec, Pet Ether (%)	0609	2.8500	0.02000	3.2838	0.14697	0.08473	28	-2.95	7%	0
003.10	Fat, Soxtec, Pet Ether (%)	2011	2.9450	0.09000	3.2838	0.14697	0.08473	28	-2.30	5%	0
003.10	Fat, Soxtec, Pet Ether (%)	0695	3.1100	0.14000	3.2838	0.14697	0.08473	28	-1.18	3%	0
003.10	Fat, Soxtec, Pet Ether (%)	0619	3.1500	0.10000	3.2838	0.14697	0.08473	28	-0.91	2%	0
003.10	Fat, Soxtec, Pet Ether (%)	0629	3.1600	0.00000	3.2838	0.14697	0.08473	28	-0.84	2%	0
003.10	Fat, Soxtec, Pet Ether (%)	0553	3.1650	0.15000	3.2838	0.14697	0.08473	28	-0.81	2%	0
003.10	Fat, Soxtec, Pet Ether (%)	0298	3.1800	0.02000	3.2838	0.14697	0.08473	28	-0.71	2%	0
003.10	Fat, Soxtec, Pet Ether (%)	0618	3.1900	0.20000	3.2838	0.14697	0.08473	28	-0.64	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0062	3.2100	0.08000	3.2838	0.14697	0.08473	28	-0.50	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	2018	3.2150	0.11000	3.2838	0.14697	0.08473	28	-0.47	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0242	3.2350	0.03000	3.2838	0.14697	0.08473	28	-0.33	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0100	3.2450	0.03000	3.2838	0.14697	0.08473	28	-0.26	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	2022	3.2450	0.01000	3.2838	0.14697	0.08473	28	-0.26	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0045	3.2500	0.40000	3.2838	0.14697	0.08473	28	-0.23	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0861	3.2700	0.14000	3.2838	0.14697	0.08473	28	-0.09	0%	0
003.10	Fat, Soxtec, Pet Ether (%)	0870	3.2993	0.01240	3.2838	0.14697	0.08473	28	0.11	0%	0
003.10	Fat, Soxtec, Pet Ether (%)	0689	3.3000	0.00000	3.2838	0.14697	0.08473	28	0.11	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
003.10	Fat, Soxtec, Pet Ether (%)	0868	3.3050	0.01000	3.2838	0.14697	0.08473	28	0.14	0%	0
003.10	Fat, Soxtec, Pet Ether (%)	0098	3.3300	0.00000	3.2838	0.14697	0.08473	28	0.31	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0728	3.3650	0.03000	3.2838	0.14697	0.08473	28	0.55	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	2042	3.3750	0.01000	3.2838	0.14697	0.08473	28	0.62	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0889	3.3850	0.01000	3.2838	0.14697	0.08473	28	0.69	2%	0
003.10	Fat, Soxtec, Pet Ether (%)	0676	3.4500	0.10000	3.2838	0.14697	0.08473	28	1.13	3%	0
003.10	Fat, Soxtec, Pet Ether (%)	0623	3.5300	0.02000	3.2838	0.14697	0.08473	28	1.68	4%	0
003.10	Fat, Soxtec, Pet Ether (%)	0233	3.5500	0.04000	3.2838	0.14697	0.08473	28	1.81	4%	0
003.10	Fat, Soxtec, Pet Ether (%)	0042	3.5600	0.32000	3.2838	0.14697	0.08473	28	1.88	4%	0
003.10	Fat, Soxtec, Pet Ether (%)	0178	3.5850	0.19000	3.2838	0.14697	0.08473	28	2.05	5%	0
003.10	Fat, Soxtec, Pet Ether (%)	2003	3.9050	0.11000	3.2838	0.14697	0.08473	28	4.23	9%	0
003.10	Fat, Soxtec, Pet Ether (%)	0693	3.5350	0.55000	3.2838	0.14697	0.08473	28	1.71	4%	1
003.11	Fat, NIR (%)	0885	3.4350	0.05000	3.8670	0.27342	0.02600	5	-1.58	6%	0
003.11	Fat, NIR (%)	0553	3.8100	0.02000	3.8670	0.27342	0.02600	5	-0.21	1%	0
003.11	Fat, NIR (%)	0889	3.8950	0.01000	3.8670	0.27342	0.02600	5	0.10	0%	0
003.11	Fat, NIR (%)	0297	4.0650	0.05000	3.8670	0.27342	0.02600	5	0.72	3%	0
003.11	Fat, NIR (%)	0852	4.1300	0.00000	3.8670	0.27342	0.02600	5	0.96	3%	0
003.12	Fat, Hexane Ext (%)	0940	2.3250	0.03000	3.4669	0.12011	0.02547	9	-9.51	16%	0
003.12	Fat, Hexane Ext (%)	0897	3.3800	0.06000	3.4669	0.12011	0.02547	9	-0.72	1%	0
003.12	Fat, Hexane Ext (%)	0893	3.4100	0.02000	3.4669	0.12011	0.02547	9	-0.47	1%	0
003.12	Fat, Hexane Ext (%)	2006	3.4300	0.04000	3.4669	0.12011	0.02547	9	-0.31	1%	0
003.12	Fat, Hexane Ext (%)	2062	3.4550	0.01620	3.4669	0.12011	0.02547	9	-0.10	0%	0
003.12	Fat, Hexane Ext (%)	2065	3.4685	0.00300	3.4669	0.12011	0.02547	9	0.01	0%	0
003.12	Fat, Hexane Ext (%)	0171	3.5850	0.03000	3.4669	0.12011	0.02547	9	0.98	2%	0
003.12	Fat, Hexane Ext (%)	0903	3.5900	0.02000	3.4669	0.12011	0.02547	9	1.03	2%	0
003.12	Fat, Hexane Ext (%)	0895	3.5950	0.01000	3.4669	0.12011	0.02547	9	1.07	2%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0208	3.1050	0.35000	3.4102	0.27442	0.11400	9	-1.11	4%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0028	3.1300	0.10000	3.4102	0.27442	0.11400	9	-1.02	4%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0123	3.1350	0.05000	3.4102	0.27442	0.11400	9	-1.00	4%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0033	3.3800	0.10000	3.4102	0.27442	0.11400	9	-0.11	0%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0205	3.4290	0.01600	3.4102	0.27442	0.11400	9	0.07	0%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0646	3.5400	0.06000	3.4102	0.27442	0.11400	9	0.47	2%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0098	3.5800	0.18000	3.4102	0.27442	0.11400	9	0.62	2%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0187	3.6250	0.05000	3.4102	0.27442	0.11400	9	0.78	3%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	2048	3.7680	0.12000	3.4102	0.27442	0.11400	9	1.30	5%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0660	3.7350	1.0100	3.4102	0.27442	0.11400	9	1.18	5%	1
003.14	Fat, Ankom (%)	0037	2.2200	0.00000	3.3740	0.22998	0.09954	39	-5.02	17%	0
003.14	Fat, Ankom (%)	0520	2.4350	0.19000	3.3740	0.22998	0.09954	39	-4.08	14%	0
003.14	Fat, Ankom (%)	0034	2.9950	0.15000	3.3740	0.22998	0.09954	39	-1.65	6%	0
003.14	Fat, Ankom (%)	0265	3.0350	0.07000	3.3740	0.22998	0.09954	39	-1.47	5%	0
003.14	Fat, Ankom (%)	0843	3.0600	0.06000	3.3740	0.22998	0.09954	39	-1.37	5%	0
003.14	Fat, Ankom (%)	0574	3.1100	0.24000	3.3740	0.22998	0.09954	39	-1.15	4%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
003.14	Fat, Ankom (%)	0581	3.1200	0.32000	3.3740	0.22998	0.09954	39	-1.10	4%	0
003.14	Fat, Ankom (%)	0848	3.1350	0.05000	3.3740	0.22998	0.09954	39	-1.04	4%	0
003.14	Fat, Ankom (%)	0175	3.1800	0.16000	3.3740	0.22998	0.09954	39	-0.84	3%	0
003.14	Fat, Ankom (%)	0144	3.1850	0.13000	3.3740	0.22998	0.09954	39	-0.82	3%	0
003.14	Fat, Ankom (%)	0913	3.2200	0.22000	3.3740	0.22998	0.09954	39	-0.67	2%	0
003.14	Fat, Ankom (%)	0407	3.2800	0.22000	3.3740	0.22998	0.09954	39	-0.41	1%	0
003.14	Fat, Ankom (%)	2023	3.3000	0.00000	3.3740	0.22998	0.09954	39	-0.32	1%	0
003.14	Fat, Ankom (%)	0049	3.3250	0.13000	3.3740	0.22998	0.09954	39	-0.21	1%	0
003.14	Fat, Ankom (%)	0278	3.3500	0.10000	3.3740	0.22998	0.09954	39	-0.10	0%	0
003.14	Fat, Ankom (%)	0169	3.3500	0.00000	3.3740	0.22998	0.09954	39	-0.10	0%	0
003.14	Fat, Ankom (%)	0956	3.3500	0.30000	3.3740	0.22998	0.09954	39	-0.10	0%	0
003.14	Fat, Ankom (%)	2075	3.3750	0.01000	3.3740	0.22998	0.09954	39	0.00	0%	0
003.14	Fat, Ankom (%)	0598	3.3850	0.01000	3.3740	0.22998	0.09954	39	0.05	0%	0
003.14	Fat, Ankom (%)	0229	3.3950	0.03000	3.3740	0.22998	0.09954	39	0.09	0%	0
003.14	Fat, Ankom (%)	0066	3.4050	0.11000	3.3740	0.22998	0.09954	39	0.13	0%	0
003.14	Fat, Ankom (%)	0937	3.4050	0.01000	3.3740	0.22998	0.09954	39	0.13	0%	0
003.14	Fat, Ankom (%)	0202	3.4250	0.03000	3.3740	0.22998	0.09954	39	0.22	1%	0
003.14	Fat, Ankom (%)	0948	3.4300	0.12000	3.3740	0.22998	0.09954	39	0.24	1%	0
003.14	Fat, Ankom (%)	0108	3.4550	0.19000	3.3740	0.22998	0.09954	39	0.35	1%	0
003.14	Fat, Ankom (%)	0529	3.4650	0.01000	3.3740	0.22998	0.09954	39	0.40	1%	0
003.14	Fat, Ankom (%)	0878	3.4700	0.12000	3.3740	0.22998	0.09954	39	0.42	1%	0
003.14	Fat, Ankom (%)	0683	3.4700	0.04000	3.3740	0.22998	0.09954	39	0.42	1%	0
003.14	Fat, Ankom (%)	0089	3.4900	0.00000	3.3740	0.22998	0.09954	39	0.50	2%	0
003.14	Fat, Ankom (%)	0357	3.5000	0.00000	3.3740	0.22998	0.09954	39	0.55	2%	0
003.14	Fat, Ankom (%)	0413	3.5500	0.30000	3.3740	0.22998	0.09954	39	0.77	3%	0
003.14	Fat, Ankom (%)	0004	3.5550	0.01000	3.3740	0.22998	0.09954	39	0.79	3%	0
003.14	Fat, Ankom (%)	0001	3.5670	0.24200	3.3740	0.22998	0.09954	39	0.84	3%	0
003.14	Fat, Ankom (%)	0015	3.6350	0.01000	3.3740	0.22998	0.09954	39	1.13	4%	0
003.14	Fat, Ankom (%)	0726	3.6600	0.04000	3.3740	0.22998	0.09954	39	1.24	4%	0
003.14	Fat, Ankom (%)	0955	3.6650	0.01000	3.3740	0.22998	0.09954	39	1.27	4%	0
003.14	Fat, Ankom (%)	0619	3.6800	0.08000	3.3740	0.22998	0.09954	39	1.33	5%	0
003.14	Fat, Ankom (%)	0358	3.7750	0.09000	3.3740	0.22998	0.09954	39	1.74	6%	0
003.14	Fat, Ankom (%)	0190	3.8400	0.08000	3.3740	0.22998	0.09954	39	2.03	7%	0
003.14	Fat, Ankom (%)	0019	2.6950	0.65000	3.3740	0.22998	0.09954	39	-2.95	10%	1
003.14	Fat, Ankom (%)	0009	3.0250	0.57000	3.3740	0.22998	0.09954	39	-1.52	5%	1
003.99	Fat, Miscellaneous (%)	0880	0.00000	0.00000	2.5638	1.7204	0.01750	4	-1.49	50%	0
003.99	Fat, Miscellaneous (%)	0630	3.1900	0.04000	2.5638	1.7204	0.01750	4	0.36	12%	0
003.99	Fat, Miscellaneous (%)	0047	3.3950	0.01000	2.5638	1.7204	0.01750	4	0.48	16%	0
003.99	Fat, Miscellaneous (%)	0536	3.6700	0.02000	2.5638	1.7204	0.01750	4	0.64	22%	0
004.00	Fiber, Crude Asbestos Free (%)	0039	4.0351	0.05620	4.5600	0.27249	0.17300	24	-1.93	6%	0
004.00	Fiber, Crude Asbestos Free (%)	0169	4.0650	0.03000	4.5600	0.27249	0.17300	24	-1.82	5%	0
004.00	Fiber, Crude Asbestos Free (%)	0681	4.3050	0.09000	4.5600	0.27249	0.17300	24	-0.94	3%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
004.00	Fiber, Crude Asbestos Free (%)	0884	4.3200	0.04000	4.5600	0.27249	0.17300	24	-0.88	3%	0
004.00	Fiber, Crude Asbestos Free (%)	0425	4.3500	0.10000	4.5600	0.27249	0.17300	24	-0.77	2%	0
004.00	Fiber, Crude Asbestos Free (%)	2076	4.3700	0.32000	4.5600	0.27249	0.17300	24	-0.70	2%	0
004.00	Fiber, Crude Asbestos Free (%)	0194	4.3750	0.03000	4.5600	0.27249	0.17300	24	-0.68	2%	0
004.00	Fiber, Crude Asbestos Free (%)	0164	4.4000	0.20000	4.5600	0.27249	0.17300	24	-0.59	2%	0
004.00	Fiber, Crude Asbestos Free (%)	0353	4.4250	0.01000	4.5600	0.27249	0.17300	24	-0.50	1%	0
004.00	Fiber, Crude Asbestos Free (%)	0309	4.4554	0.10570	4.5600	0.27249	0.17300	24	-0.38	1%	0
004.00	Fiber, Crude Asbestos Free (%)	2023	4.5350	0.09000	4.5600	0.27249	0.17300	24	-0.09	0%	0
004.00	Fiber, Crude Asbestos Free (%)	0208	4.5450	0.39000	4.5600	0.27249	0.17300	24	-0.05	0%	0
004.00	Fiber, Crude Asbestos Free (%)	0345	4.5500	0.10000	4.5600	0.27249	0.17300	24	-0.04	0%	0
004.00	Fiber, Crude Asbestos Free (%)	0511	4.5500	0.10000	4.5600	0.27249	0.17300	24	-0.04	0%	0
004.00	Fiber, Crude Asbestos Free (%)	0943	4.6200	0.30000	4.5600	0.27249	0.17300	24	0.22	1%	0
004.00	Fiber, Crude Asbestos Free (%)	0298	4.6400	0.02000	4.5600	0.27249	0.17300	24	0.29	1%	0
004.00	Fiber, Crude Asbestos Free (%)	0175	4.6500	0.10000	4.5600	0.27249	0.17300	24	0.33	1%	0
004.00	Fiber, Crude Asbestos Free (%)	0354	4.7100	0.02000	4.5600	0.27249	0.17300	24	0.55	2%	0
004.00	Fiber, Crude Asbestos Free (%)	0171	4.7750	0.27000	4.5600	0.27249	0.17300	24	0.79	2%	0
004.00	Fiber, Crude Asbestos Free (%)	0226	4.8000	0.00000	4.5600	0.27249	0.17300	24	0.88	3%	0
004.00	Fiber, Crude Asbestos Free (%)	2011	5.3200	0.22000	4.5600	0.27249	0.17300	24	2.79	8%	0
004.00	Fiber, Crude Asbestos Free (%)	0695	5.3600	0.46000	4.5600	0.27249	0.17300	24	2.94	9%	0
004.00	Fiber, Crude Asbestos Free (%)	0504	5.4700	0.44000	4.5600	0.27249	0.17300	24	3.34	10%	0
004.00	Fiber, Crude Asbestos Free (%)	0337	5.9500	0.66000	4.5600	0.27249	0.17300	24	5.10	15%	0
004.01	Fiber, Sing Filt (%)	0045	4.9100	0.20000			0.20000	1			
004.03	Fiber, Fritted Glass (%)	0626	0.56000	0.02000	3.8860	1.9327	0.28400	5	-1.72	43%	0
004.03	Fiber, Fritted Glass (%)	2042	4.2600	0.00000	3.8860	1.9327	0.28400	5	0.19	5%	0
004.03	Fiber, Fritted Glass (%)	0921	4.3550	0.19000	3.8860	1.9327	0.28400	5	0.24	6%	0
004.03	Fiber, Fritted Glass (%)	0913	4.6600	0.62000	3.8860	1.9327	0.28400	5	0.40	10%	0
004.03	Fiber, Fritted Glass (%)	0693	5.5950	0.59000	3.8860	1.9327	0.28400	5	0.88	22%	0
004.06	Fiber, Fibertec (%)	0675	3.7250	0.03000	4.5729	0.40610	0.09466	31	-2.09	9%	0
004.06	Fiber, Fibertec (%)	0610	3.9500	0.10000	4.5729	0.40610	0.09466	31	-1.53	7%	0
004.06	Fiber, Fibertec (%)	0885	4.0300	0.02000	4.5729	0.40610	0.09466	31	-1.34	6%	0
004.06	Fiber, Fibertec (%)	0590	4.2500	0.30000	4.5729	0.40610	0.09466	31	-0.80	4%	0
004.06	Fiber, Fibertec (%)	0098	4.2750	0.05000	4.5729	0.40610	0.09466	31	-0.73	3%	0
004.06	Fiber, Fibertec (%)	0897	4.2800	0.00000	4.5729	0.40610	0.09466	31	-0.72	3%	0
004.06	Fiber, Fibertec (%)	0903	4.2900	0.02000	4.5729	0.40610	0.09466	31	-0.70	3%	0
004.06	Fiber, Fibertec (%)	0941	4.2900	0.22000	4.5729	0.40610	0.09466	31	-0.70	3%	0
004.06	Fiber, Fibertec (%)	0689	4.3000	0.20000	4.5729	0.40610	0.09466	31	-0.67	3%	0
004.06	Fiber, Fibertec (%)	0895	4.3250	0.01000	4.5729	0.40610	0.09466	31	-0.61	3%	0
004.06	Fiber, Fibertec (%)	2063	4.3250	0.01000	4.5729	0.40610	0.09466	31	-0.61	3%	0
004.06	Fiber, Fibertec (%)	0918	4.4350	0.13000	4.5729	0.40610	0.09466	31	-0.34	2%	0
004.06	Fiber, Fibertec (%)	0038	4.4500	0.02000	4.5729	0.40610	0.09466	31	-0.30	1%	0
004.06	Fiber, Fibertec (%)	0027	4.4900	0.04000	4.5729	0.40610	0.09466	31	-0.20	1%	0
004.06	Fiber, Fibertec (%)	0868	4.5300	0.06000	4.5729	0.40610	0.09466	31	-0.11	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
004.06	Fiber, Fibertec (%)	2062	4.5657	0.08260	4.5729	0.40610	0.09466	31	-0.02	0%	0
004.06	Fiber, Fibertec (%)	0878	4.5700	0.08000	4.5729	0.40610	0.09466	31	-0.01	0%	0
004.06	Fiber, Fibertec (%)	0968	4.5730	0.03200	4.5729	0.40610	0.09466	31	0.00	0%	0
004.06	Fiber, Fibertec (%)	2022	4.5750	0.17000	4.5729	0.40610	0.09466	31	0.01	0%	0
004.06	Fiber, Fibertec (%)	0205	4.5900	0.02000	4.5729	0.40610	0.09466	31	0.04	0%	0
004.06	Fiber, Fibertec (%)	0948	4.6300	0.02000	4.5729	0.40610	0.09466	31	0.14	1%	0
004.06	Fiber, Fibertec (%)	0674	4.6850	0.21000	4.5729	0.40610	0.09466	31	0.28	1%	0
004.06	Fiber, Fibertec (%)	0893	4.8350	0.01000	4.5729	0.40610	0.09466	31	0.65	3%	0
004.06	Fiber, Fibertec (%)	2080	4.8350	0.01000	4.5729	0.40610	0.09466	31	0.65	3%	0
004.06	Fiber, Fibertec (%)	2065	4.9680	0.01000	4.5729	0.40610	0.09466	31	0.97	4%	0
004.06	Fiber, Fibertec (%)	2006	5.0200	0.22000	4.5729	0.40610	0.09466	31	1.10	5%	0
004.06	Fiber, Fibertec (%)	0676	5.0500	0.10000	4.5729	0.40610	0.09466	31	1.17	5%	0
004.06	Fiber, Fibertec (%)	0609	5.4350	0.03000	4.5729	0.40610	0.09466	31	2.12	9%	0
004.06	Fiber, Fibertec (%)	0673	5.6000	0.20000	4.5729	0.40610	0.09466	31	2.53	11%	0
004.06	Fiber, Fibertec (%)	0728	5.8150	0.09000	4.5729	0.40610	0.09466	31	3.06	14%	0
004.06	Fiber, Fibertec (%)	0552	5.9100	0.44000	4.5729	0.40610	0.09466	31	3.29	15%	0
004.06	Fiber, Fibertec (%)	0845	5.4550	0.55000	4.5729	0.40610	0.09466	31	2.17	10%	1
004.07	Fiber, ANKOM (%)	0100	3.8350	0.11000	4.6767	0.51293	0.17349	61	-1.64	9%	0
004.07	Fiber, ANKOM (%)	0505	3.8750	0.17000	4.6767	0.51293	0.17349	61	-1.56	9%	0
004.07	Fiber, ANKOM (%)	0035	3.9350	0.05000	4.6767	0.51293	0.17349	61	-1.45	8%	0
004.07	Fiber, ANKOM (%)	0066	4.0750	0.21000	4.6767	0.51293	0.17349	61	-1.17	6%	0
004.07	Fiber, ANKOM (%)	0034	4.1000	0.00000	4.6767	0.51293	0.17349	61	-1.12	6%	0
004.07	Fiber, ANKOM (%)	0956	4.1000	0.00000	4.6767	0.51293	0.17349	61	-1.12	6%	0
004.07	Fiber, ANKOM (%)	0074	4.1050	0.19000	4.6767	0.51293	0.17349	61	-1.11	6%	0
004.07	Fiber, ANKOM (%)	0553	4.1950	0.53000	4.6767	0.51293	0.17349	61	-0.94	5%	0
004.07	Fiber, ANKOM (%)	0910	4.2000	0.40000	4.6767	0.51293	0.17349	61	-0.93	5%	0
004.07	Fiber, ANKOM (%)	0008	4.2200	0.24000	4.6767	0.51293	0.17349	61	-0.89	5%	0
004.07	Fiber, ANKOM (%)	0913	4.2300	0.26000	4.6767	0.51293	0.17349	61	-0.87	5%	0
004.07	Fiber, ANKOM (%)	0726	4.2500	0.10000	4.6767	0.51293	0.17349	61	-0.83	5%	0
004.07	Fiber, ANKOM (%)	0708	4.2600	0.22000	4.6767	0.51293	0.17349	61	-0.81	4%	0
004.07	Fiber, ANKOM (%)	0294	4.3000	0.00000	4.6767	0.51293	0.17349	61	-0.73	4%	0
004.07	Fiber, ANKOM (%)	0009	4.3000	0.46000	4.6767	0.51293	0.17349	61	-0.73	4%	0
004.07	Fiber, ANKOM (%)	0278	4.3000	0.20000	4.6767	0.51293	0.17349	61	-0.73	4%	0
004.07	Fiber, ANKOM (%)	0083	4.3100	0.18000	4.6767	0.51293	0.17349	61	-0.71	4%	0
004.07	Fiber, ANKOM (%)	0948	4.3250	0.07000	4.6767	0.51293	0.17349	61	-0.69	4%	0
004.07	Fiber, ANKOM (%)	2012	4.3500	0.30000	4.6767	0.51293	0.17349	61	-0.64	3%	0
004.07	Fiber, ANKOM (%)	0123	4.3700	0.04000	4.6767	0.51293	0.17349	61	-0.60	3%	0
004.07	Fiber, ANKOM (%)	0889	4.3950	0.09000	4.6767	0.51293	0.17349	61	-0.55	3%	0
004.07	Fiber, ANKOM (%)	0190	4.4000	0.20000	4.6767	0.51293	0.17349	61	-0.54	3%	0
004.07	Fiber, ANKOM (%)	0682	4.4000	0.00000	4.6767	0.51293	0.17349	61	-0.54	3%	0
004.07	Fiber, ANKOM (%)	0413	4.4500	0.10000	4.6767	0.51293	0.17349	61	-0.44	2%	0
004.07	Fiber, ANKOM (%)	0003	4.5100	0.00000	4.6767	0.51293	0.17349	61	-0.33	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
004.07	Fiber, ANKOM (%)	0849	4.5295	0.12100	4.6767	0.51293	0.17349	61	-0.29	2%	0
004.07	Fiber, ANKOM (%)	0202	4.5450	0.01000	4.6767	0.51293	0.17349	61	-0.26	1%	0
004.07	Fiber, ANKOM (%)	0723	4.5612	0.00000	4.6767	0.51293	0.17349	61	-0.23	1%	0
004.07	Fiber, ANKOM (%)	0300	4.6060	0.08800	4.6767	0.51293	0.17349	61	-0.14	1%	0
004.07	Fiber, ANKOM (%)	0407	4.6100	0.28000	4.6767	0.51293	0.17349	61	-0.13	1%	0
004.07	Fiber, ANKOM (%)	0098	4.6150	0.03000	4.6767	0.51293	0.17349	61	-0.12	1%	0
004.07	Fiber, ANKOM (%)	0042	4.6600	0.06000	4.6767	0.51293	0.17349	61	-0.03	0%	0
004.07	Fiber, ANKOM (%)	0683	4.6800	0.10000	4.6767	0.51293	0.17349	61	0.01	0%	0
004.07	Fiber, ANKOM (%)	0643	4.6850	0.13000	4.6767	0.51293	0.17349	61	0.02	0%	0
004.07	Fiber, ANKOM (%)	0619	4.6900	0.40000	4.6767	0.51293	0.17349	61	0.03	0%	0
004.07	Fiber, ANKOM (%)	0178	4.7000	0.36000	4.6767	0.51293	0.17349	61	0.05	0%	0
004.07	Fiber, ANKOM (%)	0912	4.7300	0.04000	4.6767	0.51293	0.17349	61	0.10	1%	0
004.07	Fiber, ANKOM (%)	0939	4.8150	0.37000	4.6767	0.51293	0.17349	61	0.27	1%	0
004.07	Fiber, ANKOM (%)	0033	4.8250	0.19000	4.6767	0.51293	0.17349	61	0.29	2%	0
004.07	Fiber, ANKOM (%)	0019	4.8450	0.15000	4.6767	0.51293	0.17349	61	0.33	2%	0
004.07	Fiber, ANKOM (%)	0581	4.8500	0.10000	4.6767	0.51293	0.17349	61	0.34	2%	0
004.07	Fiber, ANKOM (%)	0297	4.9700	0.16000	4.6767	0.51293	0.17349	61	0.57	3%	0
004.07	Fiber, ANKOM (%)	0015	4.9700	0.14000	4.6767	0.51293	0.17349	61	0.57	3%	0
004.07	Fiber, ANKOM (%)	0520	4.9800	0.06000	4.6767	0.51293	0.17349	61	0.59	3%	0
004.07	Fiber, ANKOM (%)	0598	4.9900	0.00000	4.6767	0.51293	0.17349	61	0.61	3%	0
004.07	Fiber, ANKOM (%)	0229	5.0000	0.20000	4.6767	0.51293	0.17349	61	0.63	3%	0
004.07	Fiber, ANKOM (%)	0870	5.0459	0.20590	4.6767	0.51293	0.17349	61	0.72	4%	0
004.07	Fiber, ANKOM (%)	0265	5.0650	0.15000	4.6767	0.51293	0.17349	61	0.76	4%	0
004.07	Fiber, ANKOM (%)	0004	5.1350	0.09000	4.6767	0.51293	0.17349	61	0.89	5%	0
004.07	Fiber, ANKOM (%)	0529	5.1850	0.07000	4.6767	0.51293	0.17349	61	0.99	5%	0
004.07	Fiber, ANKOM (%)	0937	5.2150	0.03000	4.6767	0.51293	0.17349	61	1.05	6%	0
004.07	Fiber, ANKOM (%)	0354	5.2400	0.02000	4.6767	0.51293	0.17349	61	1.10	6%	0
004.07	Fiber, ANKOM (%)	0510	5.5000	0.00000	4.6767	0.51293	0.17349	61	1.61	9%	0
004.07	Fiber, ANKOM (%)	0646	5.6550	0.57000	4.6767	0.51293	0.17349	61	1.91	10%	0
004.07	Fiber, ANKOM (%)	0848	5.6650	0.27000	4.6767	0.51293	0.17349	61	1.93	11%	0
004.07	Fiber, ANKOM (%)	0951	5.7400	0.78000	4.6767	0.51293	0.17349	61	2.07	11%	0
004.07	Fiber, ANKOM (%)	0563	5.8330	0.29800	4.6767	0.51293	0.17349	61	2.25	12%	0
004.07	Fiber, ANKOM (%)	2053	5.9700	0.12000	4.6767	0.51293	0.17349	61	2.52	14%	0
004.07	Fiber, ANKOM (%)	0904	6.0550	0.15000	4.6767	0.51293	0.17349	61	2.69	15%	0
004.07	Fiber, ANKOM (%)	0144	7.0800	0.50000	4.6767	0.51293	0.17349	61	4.69	26%	0
004.07	Fiber, ANKOM (%)	0242	8.3300	0.22000	4.6767	0.51293	0.17349	61	7.12	39%	0
004.07	Fiber, ANKOM (%)	0861	7.1600	1.9800	4.6767	0.51293	0.17349	61	4.84	27%	1
004.11	Fiber, NIR (%)	0889	3.9800	0.06000	4.6570	0.61416	0.02200	5	-1.10	7%	0
004.11	Fiber, NIR (%)	0885	4.0900	0.02000	4.6570	0.61416	0.02200	5	-0.92	6%	0
004.11	Fiber, NIR (%)	0089	4.8400	0.00000	4.6570	0.61416	0.02200	5	0.30	2%	0
004.11	Fiber, NIR (%)	0852	4.9300	0.00000	4.6570	0.61416	0.02200	5	0.44	3%	0
004.11	Fiber, NIR (%)	0951	5.4450	0.03000	4.6570	0.61416	0.02200	5	1.28	8%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
004.11	Fiber, NIR (%)	0553	4.6450	0.21000	4.6570	0.61416	0.02200	5	-0.02	0%	1
004.99	Fiber, Miscellaneous (%)	0629	3.9500	0.10000	4.6000	0.89049	0.18667	3	-0.73	7%	0
004.99	Fiber, Miscellaneous (%)	0940	4.2350	0.09000	4.6000	0.89049	0.18667	3	-0.41	4%	0
004.99	Fiber, Miscellaneous (%)	0536	5.6150	0.37000	4.6000	0.89049	0.18667	3	1.14	11%	0
005.00	Ash, 2h @ 600°C (%)	0004	7.4450	0.03000	11.815	0.45373	0.19403	97	-9.63	18%	0
005.00	Ash, 2h @ 600°C (%)	2048	8.6445	0.08100	11.815	0.45373	0.19403	97	-6.99	13%	0
005.00	Ash, 2h @ 600°C (%)	0278	9.6700	0.06000	11.815	0.45373	0.19403	97	-4.73	9%	0
005.00	Ash, 2h @ 600°C (%)	0693	9.7500	1.9000	11.815	0.45373	0.19403	97	-4.55	9%	0
005.00	Ash, 2h @ 600°C (%)	0049	9.8850	0.49000	11.815	0.45373	0.19403	97	-4.25	8%	0
005.00	Ash, 2h @ 600°C (%)	0169	10.065	0.27000	11.815	0.45373	0.19403	97	-3.86	7%	0
005.00	Ash, 2h @ 600°C (%)	0650	10.115	0.23000	11.815	0.45373	0.19403	97	-3.75	7%	0
005.00	Ash, 2h @ 600°C (%)	0960	10.435	1.3700	11.815	0.45373	0.19403	97	-3.04	6%	0
005.00	Ash, 2h @ 600°C (%)	0956	10.550	0.70000	11.815	0.45373	0.19403	97	-2.79	5%	0
005.00	Ash, 2h @ 600°C (%)	0539	10.720	0.44000	11.815	0.45373	0.19403	97	-2.41	5%	0
005.00	Ash, 2h @ 600°C (%)	0598	10.750	0.02000	11.815	0.45373	0.19403	97	-2.35	5%	0
005.00	Ash, 2h @ 600°C (%)	0205	11.055	0.33000	11.815	0.45373	0.19403	97	-1.67	3%	0
005.00	Ash, 2h @ 600°C (%)	0541	11.055	0.27000	11.815	0.45373	0.19403	97	-1.67	3%	0
005.00	Ash, 2h @ 600°C (%)	0845	11.080	0.04000	11.815	0.45373	0.19403	97	-1.62	3%	0
005.00	Ash, 2h @ 600°C (%)	0139	11.115	0.39000	11.815	0.45373	0.19403	97	-1.54	3%	0
005.00	Ash, 2h @ 600°C (%)	0959	11.170	0.38000	11.815	0.45373	0.19403	97	-1.42	3%	0
005.00	Ash, 2h @ 600°C (%)	0660	11.230	0.14000	11.815	0.45373	0.19403	97	-1.29	2%	0
005.00	Ash, 2h @ 600°C (%)	0208	11.250	0.90000	11.815	0.45373	0.19403	97	-1.24	2%	0
005.00	Ash, 2h @ 600°C (%)	0008	11.315	0.41000	11.815	0.45373	0.19403	97	-1.10	2%	0
005.00	Ash, 2h @ 600°C (%)	0148	11.350	0.02000	11.815	0.45373	0.19403	97	-1.02	2%	0
005.00	Ash, 2h @ 600°C (%)	0957	11.390	0.30000	11.815	0.45373	0.19403	97	-0.94	2%	0
005.00	Ash, 2h @ 600°C (%)	0861	11.465	0.09000	11.815	0.45373	0.19403	97	-0.77	1%	0
005.00	Ash, 2h @ 600°C (%)	0953	11.470	0.10000	11.815	0.45373	0.19403	97	-0.76	1%	0
005.00	Ash, 2h @ 600°C (%)	0354	11.495	0.01000	11.815	0.45373	0.19403	97	-0.70	1%	0
005.00	Ash, 2h @ 600°C (%)	0194	11.505	0.03000	11.815	0.45373	0.19403	97	-0.68	1%	0
005.00	Ash, 2h @ 600°C (%)	0108	11.535	0.67000	11.815	0.45373	0.19403	97	-0.62	1%	0
005.00	Ash, 2h @ 600°C (%)	0958	11.560	0.32000	11.815	0.45373	0.19403	97	-0.56	1%	0
005.00	Ash, 2h @ 600°C (%)	0123	11.580	0.20000	11.815	0.45373	0.19403	97	-0.52	1%	0
005.00	Ash, 2h @ 600°C (%)	0175	11.610	0.08000	11.815	0.45373	0.19403	97	-0.45	1%	0
005.00	Ash, 2h @ 600°C (%)	0425	11.630	0.08000	11.815	0.45373	0.19403	97	-0.41	1%	0
005.00	Ash, 2h @ 600°C (%)	0968	11.631	0.05000	11.815	0.45373	0.19403	97	-0.41	1%	0
005.00	Ash, 2h @ 600°C (%)	0623	11.660	0.10000	11.815	0.45373	0.19403	97	-0.34	1%	0
005.00	Ash, 2h @ 600°C (%)	0089	11.695	0.01000	11.815	0.45373	0.19403	97	-0.26	1%	0
005.00	Ash, 2h @ 600°C (%)	0142	11.700	0.24000	11.815	0.45373	0.19403	97	-0.25	0%	0
005.00	Ash, 2h @ 600°C (%)	0918	11.705	0.31000	11.815	0.45373	0.19403	97	-0.24	0%	0
005.00	Ash, 2h @ 600°C (%)	0622	11.709	0.10320	11.815	0.45373	0.19403	97	-0.23	0%	0
005.00	Ash, 2h @ 600°C (%)	0682	11.750	0.00000	11.815	0.45373	0.19403	97	-0.14	0%	0
005.00	Ash, 2h @ 600°C (%)	0001	11.757	0.14590	11.815	0.45373	0.19403	97	-0.13	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
005.00	Ash, 2h @ 600°C (%)	0723	11.758	0.00000	11.815	0.45373	0.19403	97	-0.13	0%	0
005.00	Ash, 2h @ 600°C (%)	0618	11.785	0.25000	11.815	0.45373	0.19403	97	-0.07	0%	0
005.00	Ash, 2h @ 600°C (%)	0265	11.790	0.10000	11.815	0.45373	0.19403	97	-0.05	0%	0
005.00	Ash, 2h @ 600°C (%)	0552	11.800	0.00000	11.815	0.45373	0.19403	97	-0.03	0%	0
005.00	Ash, 2h @ 600°C (%)	0337	11.805	0.29000	11.815	0.45373	0.19403	97	-0.02	0%	0
005.00	Ash, 2h @ 600°C (%)	0563	11.823	0.11510	11.815	0.45373	0.19403	97	0.02	0%	0
005.00	Ash, 2h @ 600°C (%)	0651	11.826	0.01210	11.815	0.45373	0.19403	97	0.02	0%	0
005.00	Ash, 2h @ 600°C (%)	0297	11.850	0.10000	11.815	0.45373	0.19403	97	0.08	0%	0
005.00	Ash, 2h @ 600°C (%)	0098	11.860	0.26000	11.815	0.45373	0.19403	97	0.10	0%	0
005.00	Ash, 2h @ 600°C (%)	0164	11.860	0.02000	11.815	0.45373	0.19403	97	0.10	0%	0
005.00	Ash, 2h @ 600°C (%)	0510	11.860	0.06000	11.815	0.45373	0.19403	97	0.10	0%	0
005.00	Ash, 2h @ 600°C (%)	0407	11.870	0.28000	11.815	0.45373	0.19403	97	0.12	0%	0
005.00	Ash, 2h @ 600°C (%)	0505	11.880	0.26000	11.815	0.45373	0.19403	97	0.14	0%	0
005.00	Ash, 2h @ 600°C (%)	0880	11.885	0.57000	11.815	0.45373	0.19403	97	0.15	0%	0
005.00	Ash, 2h @ 600°C (%)	0870	11.886	0.01570	11.815	0.45373	0.19403	97	0.16	0%	0
005.00	Ash, 2h @ 600°C (%)	0045	11.900	0.20000	11.815	0.45373	0.19403	97	0.19	0%	0
005.00	Ash, 2h @ 600°C (%)	0298	11.910	0.02000	11.815	0.45373	0.19403	97	0.21	0%	0
005.00	Ash, 2h @ 600°C (%)	0358	11.910	0.16000	11.815	0.45373	0.19403	97	0.21	0%	0
005.00	Ash, 2h @ 600°C (%)	0609	11.910	0.08000	11.815	0.45373	0.19403	97	0.21	0%	0
005.00	Ash, 2h @ 600°C (%)	0948	11.935	0.13000	11.815	0.45373	0.19403	97	0.26	1%	0
005.00	Ash, 2h @ 600°C (%)	0620	11.950	0.01000	11.815	0.45373	0.19403	97	0.30	1%	0
005.00	Ash, 2h @ 600°C (%)	0083	11.955	0.15000	11.815	0.45373	0.19403	97	0.31	1%	0
005.00	Ash, 2h @ 600°C (%)	0062	11.965	0.25000	11.815	0.45373	0.19403	97	0.33	1%	0
005.00	Ash, 2h @ 600°C (%)	0581	11.980	0.22000	11.815	0.45373	0.19403	97	0.36	1%	0
005.00	Ash, 2h @ 600°C (%)	0939	11.985	0.25000	11.815	0.45373	0.19403	97	0.38	1%	0
005.00	Ash, 2h @ 600°C (%)	0943	12.005	0.05000	11.815	0.45373	0.19403	97	0.42	1%	0
005.00	Ash, 2h @ 600°C (%)	0242	12.005	0.09000	11.815	0.45373	0.19403	97	0.42	1%	0
005.00	Ash, 2h @ 600°C (%)	0035	12.023	0.07500	11.815	0.45373	0.19403	97	0.46	1%	0
005.00	Ash, 2h @ 600°C (%)	0553	12.025	0.21000	11.815	0.45373	0.19403	97	0.46	1%	0
005.00	Ash, 2h @ 600°C (%)	0171	12.030	0.16000	11.815	0.45373	0.19403	97	0.47	1%	0
005.00	Ash, 2h @ 600°C (%)	0187	12.040	0.02000	11.815	0.45373	0.19403	97	0.50	1%	0
005.00	Ash, 2h @ 600°C (%)	0674	12.060	0.00000	11.815	0.45373	0.19403	97	0.54	1%	0
005.00	Ash, 2h @ 600°C (%)	0675	12.065	0.05000	11.815	0.45373	0.19403	97	0.55	1%	0
005.00	Ash, 2h @ 600°C (%)	2006	12.085	0.07000	11.815	0.45373	0.19403	97	0.60	1%	0
005.00	Ash, 2h @ 600°C (%)	0681	12.090	0.16000	11.815	0.45373	0.19403	97	0.61	1%	0
005.00	Ash, 2h @ 600°C (%)	0186	12.100	0.00000	11.815	0.45373	0.19403	97	0.63	1%	0
005.00	Ash, 2h @ 600°C (%)	0309	12.150	0.10000	11.815	0.45373	0.19403	97	0.74	1%	0
005.00	Ash, 2h @ 600°C (%)	0138	12.172	0.03300	11.815	0.45373	0.19403	97	0.79	2%	0
005.00	Ash, 2h @ 600°C (%)	0100	12.180	0.28000	11.815	0.45373	0.19403	97	0.80	2%	0
005.00	Ash, 2h @ 600°C (%)	0229	12.180	0.04000	11.815	0.45373	0.19403	97	0.80	2%	0
005.00	Ash, 2h @ 600°C (%)	0589	12.240	0.04000	11.815	0.45373	0.19403	97	0.94	2%	0
005.00	Ash, 2h @ 600°C (%)	0852	12.240	0.06000	11.815	0.45373	0.19403	97	0.94	2%	0



Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
005.00	Ash, 2h @ 600°C (%)	0152	12.250	0.10000	11.815	0.45373	0.19403	97	0.96	2%	0
005.00	Ash, 2h @ 600°C (%)	0144	12.290	0.06000	11.815	0.45373	0.19403	97	1.05	2%	0
005.00	Ash, 2h @ 600°C (%)	0038	12.310	0.02000	11.815	0.45373	0.19403	97	1.09	2%	0
005.00	Ash, 2h @ 600°C (%)	0961	12.315	0.39000	11.815	0.45373	0.19403	97	1.10	2%	0
005.00	Ash, 2h @ 600°C (%)	0615	12.320	0.18000	11.815	0.45373	0.19403	97	1.11	2%	0
005.00	Ash, 2h @ 600°C (%)	0630	12.335	0.15000	11.815	0.45373	0.19403	97	1.15	2%	0
005.00	Ash, 2h @ 600°C (%)	0226	12.350	0.10000	11.815	0.45373	0.19403	97	1.18	2%	0
005.00	Ash, 2h @ 600°C (%)	0345	12.350	0.10000	11.815	0.45373	0.19403	97	1.18	2%	0
005.00	Ash, 2h @ 600°C (%)	2022	12.355	0.01000	11.815	0.45373	0.19403	97	1.19	2%	0
005.00	Ash, 2h @ 600°C (%)	0643	12.380	0.04000	11.815	0.45373	0.19403	97	1.25	2%	0
005.00	Ash, 2h @ 600°C (%)	0520	12.390	0.12000	11.815	0.45373	0.19403	97	1.27	2%	0
005.00	Ash, 2h @ 600°C (%)	0848	12.390	0.04000	11.815	0.45373	0.19403	97	1.27	2%	0
005.00	Ash, 2h @ 600°C (%)	0913	12.395	0.05000	11.815	0.45373	0.19403	97	1.28	2%	0
005.00	Ash, 2h @ 600°C (%)	2012	12.440	0.46000	11.815	0.45373	0.19403	97	1.38	3%	0
005.00	Ash, 2h @ 600°C (%)	0504	12.470	0.02000	11.815	0.45373	0.19403	97	1.44	3%	0
005.00	Ash, 2h @ 600°C (%)	0646	12.535	0.33000	11.815	0.45373	0.19403	97	1.59	3%	0
005.00	Ash, 2h @ 600°C (%)	0357	12.550	0.10000	11.815	0.45373	0.19403	97	1.62	3%	0
005.00	Ash, 2h @ 600°C (%)	0353	597.68	1,170.6	11.815	0.45373	0.19403	97	1291.21	2479%	2
005.01	Ash, Sugars & Syrups (%)	0874	11.405	0.33000			0.33000	1			
005.02	Ash, LECO (%)	0610	12.215	0.07000			0.07000	1			
005.05	Ash, 3h @ 550°C (%)	0893	11.455	0.01000	12.093	0.18945	0.10392	27	-3.37	3%	0
005.05	Ash, 3h @ 550°C (%)	0940	11.475	0.35000	12.093	0.18945	0.10392	27	-3.26	3%	0
005.05	Ash, 3h @ 550°C (%)	0897	11.750	0.10000	12.093	0.18945	0.10392	27	-1.81	1%	0
005.05	Ash, 3h @ 550°C (%)	2042	11.840	0.00000	12.093	0.18945	0.10392	27	-1.34	1%	0
005.05	Ash, 3h @ 550°C (%)	0889	11.860	0.16000	12.093	0.18945	0.10392	27	-1.23	1%	0
005.05	Ash, 3h @ 550°C (%)	0937	11.975	0.01000	12.093	0.18945	0.10392	27	-0.62	0%	0
005.05	Ash, 3h @ 550°C (%)	0878	11.980	0.10000	12.093	0.18945	0.10392	27	-0.60	0%	0
005.05	Ash, 3h @ 550°C (%)	2063	11.980	0.02000	12.093	0.18945	0.10392	27	-0.60	0%	0
005.05	Ash, 3h @ 550°C (%)	0294	12.000	0.00000	12.093	0.18945	0.10392	27	-0.49	0%	0
005.05	Ash, 3h @ 550°C (%)	0685	12.000	0.04000	12.093	0.18945	0.10392	27	-0.49	0%	0
005.05	Ash, 3h @ 550°C (%)	2062	12.049	0.09380	12.093	0.18945	0.10392	27	-0.24	0%	0
005.05	Ash, 3h @ 550°C (%)	0413	12.050	0.30000	12.093	0.18945	0.10392	27	-0.23	0%	0
005.05	Ash, 3h @ 550°C (%)	0951	12.075	0.01000	12.093	0.18945	0.10392	27	-0.10	0%	0
005.05	Ash, 3h @ 550°C (%)	0849	12.111	0.03800	12.093	0.18945	0.10392	27	0.09	0%	0
005.05	Ash, 3h @ 550°C (%)	2065	12.118	0.01000	12.093	0.18945	0.10392	27	0.13	0%	0
005.05	Ash, 3h @ 550°C (%)	0695	12.132	0.04400	12.093	0.18945	0.10392	27	0.20	0%	0
005.05	Ash, 3h @ 550°C (%)	0590	12.150	0.10000	12.093	0.18945	0.10392	27	0.30	0%	0
005.05	Ash, 3h @ 550°C (%)	0178	12.150	0.12000	12.093	0.18945	0.10392	27	0.30	0%	0
005.05	Ash, 3h @ 550°C (%)	0903	12.180	0.02000	12.093	0.18945	0.10392	27	0.46	0%	0
005.05	Ash, 3h @ 550°C (%)	0895	12.195	0.01000	12.093	0.18945	0.10392	27	0.54	0%	0
005.05	Ash, 3h @ 550°C (%)	0683	12.230	0.20000	12.093	0.18945	0.10392	27	0.72	1%	0
005.05	Ash, 3h @ 550°C (%)	0689	12.230	0.26000	12.093	0.18945	0.10392	27	0.72	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
005.05	Ash, 3h @ 550°C (%)	2018	12.265	0.01000	12.093	0.18945	0.10392	27	0.91	1%	0
005.05	Ash, 3h @ 550°C (%)	2011	12.275	0.13000	12.093	0.18945	0.10392	27	0.96	1%	0
005.05	Ash, 3h @ 550°C (%)	0619	12.400	0.20000	12.093	0.18945	0.10392	27	1.62	1%	0
005.05	Ash, 3h @ 550°C (%)	0885	12.415	0.35000	12.093	0.18945	0.10392	27	1.70	1%	0
005.05	Ash, 3h @ 550°C (%)	0904	12.440	0.12000	12.093	0.18945	0.10392	27	1.83	1%	0
005.11	Ash, NIR (%)	0889	6.1650	0.17000	7.7760	1.2297	0.10800	5	-1.31	10%	0
005.11	Ash, NIR (%)	0951	7.0250	0.25000	7.7760	1.2297	0.10800	5	-0.61	5%	0
005.11	Ash, NIR (%)	0297	7.7350	0.01000	7.7760	1.2297	0.10800	5	-0.03	0%	0
005.11	Ash, NIR (%)	0885	8.9600	0.04000	7.7760	1.2297	0.10800	5	0.96	8%	0
005.11	Ash, NIR (%)	0852	8.9950	0.07000	7.7760	1.2297	0.10800	5	0.99	8%	0
005.99	Ash, Miscellaneous (%)	0202	11.235	0.01000	11.913	0.32150	0.10200	10	-2.11	3%	0
005.99	Ash, Miscellaneous (%)	0574	11.400	0.00000	11.913	0.32150	0.10200	10	-1.59	2%	0
005.99	Ash, Miscellaneous (%)	2023	11.710	0.04000	11.913	0.32150	0.10200	10	-0.63	1%	0
005.99	Ash, Miscellaneous (%)	0536	11.895	0.05000	11.913	0.32150	0.10200	10	-0.05	0%	0
005.99	Ash, Miscellaneous (%)	0629	11.910	0.00000	11.913	0.32150	0.10200	10	-0.01	0%	0
005.99	Ash, Miscellaneous (%)	0728	12.000	0.02000	11.913	0.32150	0.10200	10	0.27	0%	0
005.99	Ash, Miscellaneous (%)	0676	12.100	0.20000	11.913	0.32150	0.10200	10	0.58	1%	0
005.99	Ash, Miscellaneous (%)	0652	12.150	0.10000	11.913	0.32150	0.10200	10	0.74	1%	0
005.99	Ash, Miscellaneous (%)	0673	12.200	0.40000	11.913	0.32150	0.10200	10	0.89	1%	0
005.99	Ash, Miscellaneous (%)	0884	12.230	0.20000	11.913	0.32150	0.10200	10	0.99	1%	0
006.00	Total sugars, As sucrose (%)	0066	4.9100	0.22000			0.22000	1			
006.01	Total sugars, Mod. Fehling Soln (%)	0407	4.9400	0.08000			0.08000	1			
006.03	Total sugars, Invert w/o Invrn (%)	0673	5.0000	0.00000			0.00000	1			
006.99	Total sugars, Miscellaneous (%)	0956	4.5500	0.10000			0.10000	1			
008.02	Fiber, Acid Detergent (%)	0676	5.7750	0.01000	6.5306	0.51228	0.12419	13	-1.48	6%	0
008.02	Fiber, Acid Detergent (%)	0939	6.0600	0.12000	6.5306	0.51228	0.12419	13	-0.92	4%	0
008.02	Fiber, Acid Detergent (%)	0309	6.0979	0.07450	6.5306	0.51228	0.12419	13	-0.84	3%	0
008.02	Fiber, Acid Detergent (%)	0675	6.2500	0.02000	6.5306	0.51228	0.12419	13	-0.55	2%	0
008.02	Fiber, Acid Detergent (%)	0098	6.3700	0.52000	6.5306	0.51228	0.12419	13	-0.31	1%	0
008.02	Fiber, Acid Detergent (%)	0148	6.3750	0.03000	6.5306	0.51228	0.12419	13	-0.30	1%	0
008.02	Fiber, Acid Detergent (%)	0504	6.4000	0.32000	6.5306	0.51228	0.12419	13	-0.26	1%	0
008.02	Fiber, Acid Detergent (%)	0035	6.4650	0.03000	6.5306	0.51228	0.12419	13	-0.13	1%	0
008.02	Fiber, Acid Detergent (%)	0353	6.7200	0.02000	6.5306	0.51228	0.12419	13	0.37	1%	0
008.02	Fiber, Acid Detergent (%)	0226	7.0500	0.10000	6.5306	0.51228	0.12419	13	1.01	4%	0
008.02	Fiber, Acid Detergent (%)	0728	7.2300	0.24000	6.5306	0.51228	0.12419	13	1.37	5%	0
008.02	Fiber, Acid Detergent (%)	0187	7.3300	0.04000	6.5306	0.51228	0.12419	13	1.56	6%	0
008.02	Fiber, Acid Detergent (%)	0609	7.8450	0.09000	6.5306	0.51228	0.12419	13	2.57	10%	0
008.02	Fiber, Acid Detergent (%)	0038	7.1100	1.3000	6.5306	0.51228	0.12419	13	1.13	4%	1
008.05	Fiber, Acid Detergent-Hach (%)	0265	6.7000	0.40000			0.40000	1			
008.08	Fiber, Acid Detergent, ANKOM (%)	0278	5.1500	0.10000	6.3802	0.52317	0.23234	37	-2.35	10%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0178	5.3050	0.77000	6.3802	0.52317	0.23234	37	-2.06	8%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0049	5.6200	0.18000	6.3802	0.52317	0.23234	37	-1.45	6%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
008.08	Fiber, Acid Detergent, ANKOM (%)	0619	5.6900	0.20000	6.3802	0.52317	0.23234	37	-1.32	5%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0918	5.7163	0.01610	6.3802	0.52317	0.23234	37	-1.27	5%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0358	5.7900	0.30000	6.3802	0.52317	0.23234	37	-1.13	5%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0878	5.8300	0.04000	6.3802	0.52317	0.23234	37	-1.05	4%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0042	6.0150	0.25000	6.3802	0.52317	0.23234	37	-0.70	3%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0723	6.0300	0.00000	6.3802	0.52317	0.23234	37	-0.67	3%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0968	6.0900	0.42000	6.3802	0.52317	0.23234	37	-0.55	2%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0889	6.1250	0.05000	6.3802	0.52317	0.23234	37	-0.49	2%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0357	6.1500	0.10000	6.3802	0.52317	0.23234	37	-0.44	2%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0413	6.1500	0.10000	6.3802	0.52317	0.23234	37	-0.44	2%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0676	6.2500	0.50000	6.3802	0.52317	0.23234	37	-0.25	1%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0001	6.2550	0.17000	6.3802	0.52317	0.23234	37	-0.24	1%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0407	6.2600	0.14000	6.3802	0.52317	0.23234	37	-0.23	1%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0037	6.3400	0.50000	6.3802	0.52317	0.23234	37	-0.08	0%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0045	6.3550	0.19000	6.3802	0.52317	0.23234	37	-0.05	0%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0861	6.3550	0.03000	6.3802	0.52317	0.23234	37	-0.05	0%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0910	6.3850	0.17000	6.3802	0.52317	0.23234	37	0.01	0%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0354	6.4100	0.02000	6.3802	0.52317	0.23234	37	0.06	0%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0294	6.4500	0.10000	6.3802	0.52317	0.23234	37	0.13	1%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0066	6.4600	0.24000	6.3802	0.52317	0.23234	37	0.15	1%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0726	6.5250	0.43000	6.3802	0.52317	0.23234	37	0.28	1%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0148	6.6050	0.11000	6.3802	0.52317	0.23234	37	0.43	2%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0083	6.6150	0.53000	6.3802	0.52317	0.23234	37	0.45	2%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0870	6.6667	0.22050	6.3802	0.52317	0.23234	37	0.55	2%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0510	6.7000	0.20000	6.3802	0.52317	0.23234	37	0.61	3%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0004	6.7900	0.30000	6.3802	0.52317	0.23234	37	0.78	3%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0164	6.8000	0.20000	6.3802	0.52317	0.23234	37	0.80	3%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0581	6.8950	0.01000	6.3802	0.52317	0.23234	37	0.98	4%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0646	7.1500	0.18000	6.3802	0.52317	0.23234	37	1.47	6%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0015	7.2100	0.16000	6.3802	0.52317	0.23234	37	1.59	7%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0904	7.4650	0.17000	6.3802	0.52317	0.23234	37	2.07	9%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0297	7.4900	1.0600	6.3802	0.52317	0.23234	37	2.12	9%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0693	7.8400	0.38000	6.3802	0.52317	0.23234	37	2.79	11%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	2012	8.0100	0.06000	6.3802	0.52317	0.23234	37	3.12	13%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0956	6.3500	1.5000	6.3802	0.52317	0.23234	37	-0.06	0%	1
008.99	Fiber, Acid Detergent Miscellaneous (%)	0511	5.6500	0.10000			0.10000	1			
009.04	Fiber, Neutral Det-No ENZ Pretreat (%)	0504	17.470	1.9000			1.9000	1			
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0226	17.200	0.20000	18.793	1.2372	0.37333	10	-1.29	4%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0353	17.575	0.15000	18.793	1.2372	0.37333	10	-0.98	3%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0309	18.124	0.25330	18.793	1.2372	0.37333	10	-0.54	2%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0098	18.150	0.30000	18.793	1.2372	0.37333	10	-0.52	2%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0038	18.360	0.84000	18.793	1.2372	0.37333	10	-0.35	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0187	18.850	0.20000	18.793	1.2372	0.37333	10	0.05	0%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0676	19.535	0.45000	18.793	1.2372	0.37333	10	0.60	2%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0675	19.555	0.27000	18.793	1.2372	0.37333	10	0.62	2%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0609	20.220	0.04000	18.793	1.2372	0.37333	10	1.15	4%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	2011	20.365	1.0300	18.793	1.2372	0.37333	10	1.27	4%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0178	14.750	0.58000	17.792	1.0181	0.45636	35	-2.99	9%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0619	15.900	0.60000	17.792	1.0181	0.45636	35	-1.86	5%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0910	16.100	0.60000	17.792	1.0181	0.45636	35	-1.66	5%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0413	16.250	0.30000	17.792	1.0181	0.45636	35	-1.51	4%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0049	16.870	0.28000	17.792	1.0181	0.45636	35	-0.91	3%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0723	16.880	0.00000	17.792	1.0181	0.45636	35	-0.90	3%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0148	17.005	0.11000	17.792	1.0181	0.45636	35	-0.77	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0956	17.100	2.0000	17.792	1.0181	0.45636	35	-0.68	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0918	17.139	0.27710	17.792	1.0181	0.45636	35	-0.64	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0357	17.200	0.20000	17.792	1.0181	0.45636	35	-0.58	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0878	17.255	0.41000	17.792	1.0181	0.45636	35	-0.53	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0581	17.440	0.16000	17.792	1.0181	0.45636	35	-0.35	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0037	17.450	0.28000	17.792	1.0181	0.45636	35	-0.34	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0939	17.545	0.31000	17.792	1.0181	0.45636	35	-0.24	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0278	17.550	0.70000	17.792	1.0181	0.45636	35	-0.24	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0870	17.584	0.25550	17.792	1.0181	0.45636	35	-0.20	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0294	17.600	0.00000	17.792	1.0181	0.45636	35	-0.19	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0354	17.635	0.01000	17.792	1.0181	0.45636	35	-0.15	0%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0407	17.835	0.13000	17.792	1.0181	0.45636	35	0.04	0%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0164	17.900	0.00000	17.792	1.0181	0.45636	35	0.11	0%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0510	17.900	0.40000	17.792	1.0181	0.45636	35	0.11	0%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0001	18.110	0.66000	17.792	1.0181	0.45636	35	0.31	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0066	18.255	0.45000	17.792	1.0181	0.45636	35	0.46	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0265	18.400	0.60000	17.792	1.0181	0.45636	35	0.60	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0726	18.405	0.19000	17.792	1.0181	0.45636	35	0.60	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0083	18.445	0.75000	17.792	1.0181	0.45636	35	0.64	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0889	18.530	0.08000	17.792	1.0181	0.45636	35	0.73	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0693	18.535	0.09000	17.792	1.0181	0.45636	35	0.73	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0297	18.540	1.5600	17.792	1.0181	0.45636	35	0.73	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0045	18.600	0.00000	17.792	1.0181	0.45636	35	0.79	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	2012	18.815	0.33000	17.792	1.0181	0.45636	35	1.01	3%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0646	19.185	0.67000	17.792	1.0181	0.45636	35	1.37	4%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0968	19.355	0.87000	17.792	1.0181	0.45636	35	1.54	4%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0955	19.400	0.80000	17.792	1.0181	0.45636	35	1.58	5%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0904	19.850	1.3200	17.792	1.0181	0.45636	35	2.02	6%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0676	18.925	2.0300	17.792	1.0181	0.45636	35	1.11	3%	1
009.09	Fiber, Neutral Detergent, ANKOM (%)	0861	50.285	0.11000	17.792	1.0181	0.45636	35	31.91	91%	2

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
009.99	Fiber, Neutral Det Miscellaneous (%)	0889	17.495	0.21000	19.025	1.7157	0.33667	3	-0.89	4%	0
009.99	Fiber, Neutral Det Miscellaneous (%)	0673	18.700	0.40000	19.025	1.7157	0.33667	3	-0.19	1%	0
009.99	Fiber, Neutral Det Miscellaneous (%)	0728	20.880	0.40000	19.025	1.7157	0.33667	3	1.08	5%	0
010.03	Moisture, Karl-Fischer (%)	0164	8.6750	0.17000	9.1367	0.41274	0.51333	3	-1.12	3%	0
010.03	Moisture, Karl-Fischer (%)	0843	9.2650	0.71000	9.1367	0.41274	0.51333	3	0.31	1%	0
010.03	Moisture, Karl-Fischer (%)	0208	9.4700	0.66000	9.1367	0.41274	0.51333	3	0.81	2%	0
010.11	Moisture, NIR (%)	0889	9.2400	0.04000	9.8670	0.41608	0.03800	5	-1.51	3%	0
010.11	Moisture, NIR (%)	0038	9.6450	0.03000	9.8670	0.41608	0.03800	5	-0.53	1%	0
010.11	Moisture, NIR (%)	0885	10.080	0.02000	9.8670	0.41608	0.03800	5	0.51	1%	0
010.11	Moisture, NIR (%)	0951	10.150	0.04000	9.8670	0.41608	0.03800	5	0.68	1%	0
010.11	Moisture, NIR (%)	0852	10.220	0.06000	9.8670	0.41608	0.03800	5	0.85	2%	0
010.99	Moisture, Miscellaneous (%)	0168	8.8100	0.22000	9.4494	0.42344	0.09375	8	-1.51	3%	0
010.99	Moisture, Miscellaneous (%)	0943	9.1400	0.12000	9.4494	0.42344	0.09375	8	-0.73	2%	0
010.99	Moisture, Miscellaneous (%)	0939	9.2900	0.10000	9.4494	0.42344	0.09375	8	-0.38	1%	0
010.99	Moisture, Miscellaneous (%)	0948	9.3450	0.03000	9.4494	0.42344	0.09375	8	-0.25	1%	0
010.99	Moisture, Miscellaneous (%)	0884	9.4900	0.06000	9.4494	0.42344	0.09375	8	0.10	0%	0
010.99	Moisture, Miscellaneous (%)	0673	9.6500	0.10000	9.4494	0.42344	0.09375	8	0.47	1%	0
010.99	Moisture, Miscellaneous (%)	0921	9.8450	0.07000	9.4494	0.42344	0.09375	8	0.93	2%	0
010.99	Moisture, Miscellaneous (%)	0405	10.315	0.05000	9.4494	0.42344	0.09375	8	2.04	5%	0
011.01	Loss on Drying, 135°C 2hr (%)	0553	8.3450	0.43000	10.195	0.29589	0.10749	68	-6.25	9%	0
011.01	Loss on Drying, 135°C 2hr (%)	2016	9.3050	0.59000	10.195	0.29589	0.10749	68	-3.01	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	0874	9.3600	0.12000	10.195	0.29589	0.10749	68	-2.82	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	0062	9.4150	0.01000	10.195	0.29589	0.10749	68	-2.64	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	0598	9.6750	0.01000	10.195	0.29589	0.10749	68	-1.76	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0589	9.7450	0.01000	10.195	0.29589	0.10749	68	-1.52	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0682	9.8000	0.00000	10.195	0.29589	0.10749	68	-1.34	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	2006	9.8300	0.08000	10.195	0.29589	0.10749	68	-1.23	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0175	9.9000	0.00000	10.195	0.29589	0.10749	68	-1.00	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0294	9.9000	0.00000	10.195	0.29589	0.10749	68	-1.00	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0510	9.9000	0.00000	10.195	0.29589	0.10749	68	-1.00	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0843	9.9150	0.25000	10.195	0.29589	0.10749	68	-0.95	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0194	9.9250	0.03000	10.195	0.29589	0.10749	68	-0.91	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0574	9.9250	0.07000	10.195	0.29589	0.10749	68	-0.91	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0265	9.9500	0.10000	10.195	0.29589	0.10749	68	-0.83	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0675	9.9550	0.05000	10.195	0.29589	0.10749	68	-0.81	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0226	10.000	0.20000	10.195	0.29589	0.10749	68	-0.66	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0650	10.005	0.25000	10.195	0.29589	0.10749	68	-0.64	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0685	10.015	0.01000	10.195	0.29589	0.10749	68	-0.61	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0870	10.015	0.07590	10.195	0.29589	0.10749	68	-0.61	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0563	10.037	0.03650	10.195	0.29589	0.10749	68	-0.54	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0178	10.040	0.04000	10.195	0.29589	0.10749	68	-0.52	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0100	10.055	0.11000	10.195	0.29589	0.10749	68	-0.47	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
011.01	Loss on Drying, 135°C 2hr (%)	0171	10.065	0.01000	10.195	0.29589	0.10749	68	-0.44	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0953	10.070	0.06000	10.195	0.29589	0.10749	68	-0.42	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0148	10.105	0.09000	10.195	0.29589	0.10749	68	-0.31	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0208	10.105	0.39000	10.195	0.29589	0.10749	68	-0.31	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0511	10.115	0.13000	10.195	0.29589	0.10749	68	-0.27	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0233	10.135	0.11000	10.195	0.29589	0.10749	68	-0.20	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0152	10.150	0.10000	10.195	0.29589	0.10749	68	-0.15	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0354	10.155	0.01000	10.195	0.29589	0.10749	68	-0.14	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0660	10.185	0.05000	10.195	0.29589	0.10749	68	-0.03	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0138	10.186	0.06200	10.195	0.29589	0.10749	68	-0.03	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0674	10.200	0.10000	10.195	0.29589	0.10749	68	0.02	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0723	10.200	0.00000	10.195	0.29589	0.10749	68	0.02	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0646	10.210	0.30000	10.195	0.29589	0.10749	68	0.05	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0066	10.255	0.05000	10.195	0.29589	0.10749	68	0.20	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0961	10.260	0.16000	10.195	0.29589	0.10749	68	0.22	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0298	10.270	0.02000	10.195	0.29589	0.10749	68	0.25	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0620	10.273	0.04800	10.195	0.29589	0.10749	68	0.26	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0622	10.273	0.04260	10.195	0.29589	0.10749	68	0.26	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0008	10.285	0.43000	10.195	0.29589	0.10749	68	0.30	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0520	10.285	0.03000	10.195	0.29589	0.10749	68	0.30	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0164	10.310	0.06000	10.195	0.29589	0.10749	68	0.39	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0407	10.310	0.12000	10.195	0.29589	0.10749	68	0.39	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0968	10.318	0.01800	10.195	0.29589	0.10749	68	0.41	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0848	10.325	0.11000	10.195	0.29589	0.10749	68	0.44	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0358	10.340	0.50000	10.195	0.29589	0.10749	68	0.49	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0144	10.370	0.26000	10.195	0.29589	0.10749	68	0.59	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0039	10.375	0.00540	10.195	0.29589	0.10749	68	0.61	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0539	10.385	0.13000	10.195	0.29589	0.10749	68	0.64	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0651	10.402	0.00100	10.195	0.29589	0.10749	68	0.70	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0957	10.405	0.23000	10.195	0.29589	0.10749	68	0.71	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0913	10.430	0.16000	10.195	0.29589	0.10749	68	0.79	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0229	10.445	0.01000	10.195	0.29589	0.10749	68	0.84	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0098	10.465	0.01000	10.195	0.29589	0.10749	68	0.91	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0959	10.480	0.02000	10.195	0.29589	0.10749	68	0.96	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0309	10.500	0.40000	10.195	0.29589	0.10749	68	1.03	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0728	10.500	0.02000	10.195	0.29589	0.10749	68	1.03	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0205	10.535	0.01000	10.195	0.29589	0.10749	68	1.15	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0202	10.540	0.02000	10.195	0.29589	0.10749	68	1.16	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0541	10.565	0.09000	10.195	0.29589	0.10749	68	1.25	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0958	10.575	0.09000	10.195	0.29589	0.10749	68	1.28	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0123	10.645	0.05000	10.195	0.29589	0.10749	68	1.52	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0242	10.685	0.03000	10.195	0.29589	0.10749	68	1.65	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
011.01	Loss on Drying, 135°C 2hr (%)	0108	10.760	0.26000	10.195	0.29589	0.10749	68	1.91	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0861	10.800	0.00000	10.195	0.29589	0.10749	68	2.04	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0552	11.230	0.04000	10.195	0.29589	0.10749	68	3.50	5%	0
011.01	Loss on Drying, 135°C 2hr (%)	0960	10.155	0.87000	10.195	0.29589	0.10749	68	-0.14	0%	1
011.01	Loss on Drying, 135°C 2hr (%)	0880	10.250	0.70000	10.195	0.29589	0.10749	68	0.18	0%	1
011.02	Loss on drying, 130°C for 2 hours (%)	0942	10.010	0.14000	10.265	0.36062	0.11000	2	-0.71	1%	0
011.02	Loss on drying, 130°C for 2 hours (%)	2023	10.520	0.08000	10.265	0.36062	0.11000	2	0.71	1%	0
011.03	Loss on Drying, 130°C for 1 hour, flour (%)	0681	7.8550	0.31000			0.31000	1			
011.99	Loss on Drying, High Temp. Methods Miscellaneous	2076	8.1000	1.6000	9.4825	0.93986	0.49500	4	-1.47	7%	0
011.99	Loss on Drying, High Temp. Methods Miscellaneous	0857	9.7000	0.20000	9.4825	0.93986	0.49500	4	0.23	1%	0
011.99	Loss on Drying, High Temp. Methods Miscellaneous	0852	9.9850	0.03000	9.4825	0.93986	0.49500	4	0.53	3%	0
011.99	Loss on Drying, High Temp. Methods Miscellaneous	0541	10.145	0.15000	9.4825	0.93986	0.49500	4	0.70	3%	0
012.00	Starch, Polarimetric (Ewers) (%)	0178	25.100	0.00000	30.676	1.1401	0.20133	15	-4.89	9%	0
012.00	Starch, Polarimetric (Ewers) (%)	2006	27.785	0.01000	30.676	1.1401	0.20133	15	-2.54	5%	0
012.00	Starch, Polarimetric (Ewers) (%)	0682	28.090	0.00000	30.676	1.1401	0.20133	15	-2.27	4%	0
012.00	Starch, Polarimetric (Ewers) (%)	0723	29.409	0.00000	30.676	1.1401	0.20133	15	-1.11	2%	0
012.00	Starch, Polarimetric (Ewers) (%)	0673	30.150	0.50000	30.676	1.1401	0.20133	15	-0.46	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0951	30.215	0.65000	30.676	1.1401	0.20133	15	-0.40	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0354	30.680	0.16000	30.676	1.1401	0.20133	15	0.00	0%	0
012.00	Starch, Polarimetric (Ewers) (%)	0609	30.850	0.00000	30.676	1.1401	0.20133	15	0.15	0%	0
012.00	Starch, Polarimetric (Ewers) (%)	0689	31.100	0.00000	30.676	1.1401	0.20133	15	0.37	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0619	31.350	0.30000	30.676	1.1401	0.20133	15	0.59	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0878	31.350	0.50000	30.676	1.1401	0.20133	15	0.59	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0683	31.515	0.57000	30.676	1.1401	0.20133	15	0.74	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0920	31.595	0.03000	30.676	1.1401	0.20133	15	0.81	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0939	31.950	0.30000	30.676	1.1401	0.20133	15	1.12	2%	0
012.00	Starch, Polarimetric (Ewers) (%)	2023	32.100	0.00000	30.676	1.1401	0.20133	15	1.25	2%	0
012.01	Starch, Megazyme (%)	0870	27.985	1.0995	28.964	1.2777	1.4793	5	-0.77	2%	0
012.01	Starch, Megazyme (%)	0265	28.100	1.4000	28.964	1.2777	1.4793	5	-0.68	1%	0
012.01	Starch, Megazyme (%)	0676	28.370	0.66000	28.964	1.2777	1.4793	5	-0.46	1%	0
012.01	Starch, Megazyme (%)	0918	29.313	1.5370	28.964	1.2777	1.4793	5	0.27	1%	0
012.01	Starch, Megazyme (%)	0956	31.050	2.7000	28.964	1.2777	1.4793	5	1.63	4%	0
012.02	Starch, Colorimetric (GOP) (%)	0955	29.500	1.0000			1.0000	1			
012.03	Starch, Enzymatic (%)	0407	28.895	0.07000	31.211	3.2319	0.25250	4	-0.72	4%	0
012.03	Starch, Enzymatic (%)	0098	29.350	0.50000	31.211	3.2319	0.25250	4	-0.58	3%	0
012.03	Starch, Enzymatic (%)	0889	30.675	0.01000	31.211	3.2319	0.25250	4	-0.17	1%	0
012.03	Starch, Enzymatic (%)	0297	35.925	0.43000	31.211	3.2319	0.25250	4	1.46	8%	0
012.04	Starch, YSI Analyzer (%)	0278	28.500	0.20000	30.124	1.7529	0.86833	6	-0.93	3%	0
012.04	Starch, YSI Analyzer (%)	0160	28.900	1.6600	30.124	1.7529	0.86833	6	-0.70	2%	0
012.04	Starch, YSI Analyzer (%)	0510	29.050	0.50000	30.124	1.7529	0.86833	6	-0.61	2%	0
012.04	Starch, YSI Analyzer (%)	0948	30.615	0.11000	30.124	1.7529	0.86833	6	0.28	1%	0
012.04	Starch, YSI Analyzer (%)	0353	31.330	0.94000	30.124	1.7529	0.86833	6	0.69	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
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012.04	Starch, YSI Analyzer (%)	0008	35.200	1.8000	30.124	1.7529	0.86833	6	2.90	8%	0
012.11	Starch, NIR (%)	0889	32.660	0.02000	35.055	2.7633	0.12600	5	-0.87	3%	0
012.11	Starch, NIR (%)	0297	33.370	0.20000	35.055	2.7633	0.12600	5	-0.61	2%	0
012.11	Starch, NIR (%)	0951	33.975	0.05000	35.055	2.7633	0.12600	5	-0.39	2%	0
012.11	Starch, NIR (%)	0852	35.700	0.10000	35.055	2.7633	0.12600	5	0.23	1%	0
012.11	Starch, NIR (%)	0885	39.570	0.26000	35.055	2.7633	0.12600	5	1.63	6%	0
012.99	Starch, Miscellaneous (%)	0910	29.900	0.60000			0.60000	1			
013.00	Fat, Acid hydrolysis (%)	0904	3.4050	0.29000	4.2098	0.35143	0.17762	21	-2.29	10%	0
013.00	Fat, Acid hydrolysis (%)	0555	3.7000	0.20000	4.2098	0.35143	0.17762	21	-1.45	6%	0
013.00	Fat, Acid hydrolysis (%)	0695	3.8500	0.30000	4.2098	0.35143	0.17762	21	-1.02	4%	0
013.00	Fat, Acid hydrolysis (%)	0083	3.8800	0.10000	4.2098	0.35143	0.17762	21	-0.94	4%	0
013.00	Fat, Acid hydrolysis (%)	0297	3.8900	0.06000	4.2098	0.35143	0.17762	21	-0.91	4%	0
013.00	Fat, Acid hydrolysis (%)	0951	3.9550	0.05000	4.2098	0.35143	0.17762	21	-0.73	3%	0
013.00	Fat, Acid hydrolysis (%)	0910	4.0750	0.31000	4.2098	0.35143	0.17762	21	-0.38	2%	0
013.00	Fat, Acid hydrolysis (%)	0309	4.1000	0.00000	4.2098	0.35143	0.17762	21	-0.31	1%	0
013.00	Fat, Acid hydrolysis (%)	0689	4.1500	0.30000	4.2098	0.35143	0.17762	21	-0.17	1%	0
013.00	Fat, Acid hydrolysis (%)	2080	4.1500	0.10000	4.2098	0.35143	0.17762	21	-0.17	1%	0
013.00	Fat, Acid hydrolysis (%)	0681	4.2100	0.00000	4.2098	0.35143	0.17762	21	0.00	0%	0
013.00	Fat, Acid hydrolysis (%)	0948	4.2450	0.27000	4.2098	0.35143	0.17762	21	0.10	0%	0
013.00	Fat, Acid hydrolysis (%)	0229	4.2500	0.50000	4.2098	0.35143	0.17762	21	0.11	0%	0
013.00	Fat, Acid hydrolysis (%)	0242	4.2650	0.07000	4.2098	0.35143	0.17762	21	0.16	1%	0
013.00	Fat, Acid hydrolysis (%)	2023	4.3700	0.04000	4.2098	0.35143	0.17762	21	0.46	2%	0
013.00	Fat, Acid hydrolysis (%)	0504	4.3750	0.13000	4.2098	0.35143	0.17762	21	0.47	2%	0
013.00	Fat, Acid hydrolysis (%)	0884	4.4250	0.19000	4.2098	0.35143	0.17762	21	0.61	3%	0
013.00	Fat, Acid hydrolysis (%)	0202	4.7100	0.02000	4.2098	0.35143	0.17762	21	1.42	6%	0
013.00	Fat, Acid hydrolysis (%)	2076	5.0500	0.38000	4.2098	0.35143	0.17762	21	2.39	10%	0
013.00	Fat, Acid hydrolysis (%)	0861	5.2300	0.34000	4.2098	0.35143	0.17762	21	2.90	12%	0
013.00	Fat, Acid hydrolysis (%)	0874	5.4900	0.08000	4.2098	0.35143	0.17762	21	3.64	15%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0958	4.2700	0.38000	4.7793	0.29890	0.19932	25	-1.70	5%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0148	4.4650	0.13000	4.7793	0.29890	0.19932	25	-1.05	3%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0208	4.4700	0.34000	4.7793	0.29890	0.19932	25	-1.03	3%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0008	4.4850	0.75000	4.7793	0.29890	0.19932	25	-0.98	3%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0650	4.4900	0.04000	4.7793	0.29890	0.19932	25	-0.97	3%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0354	4.5450	0.05000	4.7793	0.29890	0.19932	25	-0.78	2%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0643	4.5450	0.01000	4.7793	0.29890	0.19932	25	-0.78	2%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0943	4.6150	0.07000	4.7793	0.29890	0.19932	25	-0.55	2%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0098	4.6450	0.05000	4.7793	0.29890	0.19932	25	-0.45	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0957	4.6750	0.05000	4.7793	0.29890	0.19932	25	-0.35	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0675	4.6900	0.06000	4.7793	0.29890	0.19932	25	-0.30	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0959	4.7200	0.22000	4.7793	0.29890	0.19932	25	-0.20	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0921	4.7400	0.20000	4.7793	0.29890	0.19932	25	-0.13	0%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0171	4.7550	0.09000	4.7793	0.29890	0.19932	25	-0.08	0%	0



Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
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013.02	Fat, Mojonnier, Bak Ext (%)	0676	4.8200	0.20000	4.7793	0.29890	0.19932	25	0.14	0%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0870	4.8272	0.02290	4.7793	0.29890	0.19932	25	0.16	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0843	4.8800	0.22000	4.7793	0.29890	0.19932	25	0.34	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0164	4.8900	0.02000	4.7793	0.29890	0.19932	25	0.37	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0100	4.9450	0.25000	4.7793	0.29890	0.19932	25	0.55	2%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0682	5.0800	0.00000	4.7793	0.29890	0.19932	25	1.01	3%	0
013.02	Fat, Mojonnier, Bak Ext (%)	2016	5.1800	0.26000	4.7793	0.29890	0.19932	25	1.34	4%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0960	5.1950	0.15000	4.7793	0.29890	0.19932	25	1.39	4%	0
013.02	Fat, Mojonnier, Bak Ext (%)	2057	5.3400	0.00000	4.7793	0.29890	0.19932	25	1.88	6%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0553	5.5800	0.72000	4.7793	0.29890	0.19932	25	2.68	8%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0337	5.8000	0.70000	4.7793	0.29890	0.19932	25	3.41	11%	0
013.08	Fat, Roesse-Gottlieb Modified (%)	0618	2.2550	0.11000			0.11000	1			
013.10	Fat, Soxtec-Acid Hydrolysis (%)	0845	3.6000	0.22000	4.4151	0.35785	0.09033	9	-2.28	9%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	0610	4.0000	0.08000	4.4151	0.35785	0.09033	9	-1.16	5%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	0353	4.2850	0.11000	4.4151	0.35785	0.09033	9	-0.36	1%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	0968	4.3355	0.14300	4.4151	0.35785	0.09033	9	-0.22	1%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	0652	4.4000	0.00000	4.4151	0.35785	0.09033	9	-0.04	0%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	2003	4.4950	0.13000	4.4151	0.35785	0.09033	9	0.22	1%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	0673	4.6000	0.00000	4.4151	0.35785	0.09033	9	0.52	2%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	0660	4.8200	0.04000	4.4151	0.35785	0.09033	9	1.13	5%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	2006	6.1550	0.09000	4.4151	0.35785	0.09033	9	4.86	20%	0
013.12	Fat, NIR- Acid Hydrolysis (%)	0951	4.2850	0.01000	4.4350	0.21213	0.02000	2	-0.71	2%	0
013.12	Fat, NIR- Acid Hydrolysis (%)	0961	4.5850	0.03000	4.4350	0.21213	0.02000	2	0.71	2%	0
013.13	Fat, Ankom- Acid Hydrolysis (%)	0955	4.6150	0.09000	5.0650	0.46938	0.24500	4	-0.96	4%	0
013.13	Fat, Ankom- Acid Hydrolysis (%)	0003	4.7050	0.73000	5.0650	0.46938	0.24500	4	-0.77	4%	0
013.13	Fat, Ankom- Acid Hydrolysis (%)	0265	5.4500	0.10000	5.0650	0.46938	0.24500	4	0.82	4%	0
013.13	Fat, Ankom- Acid Hydrolysis (%)	0581	5.4900	0.06000	5.0650	0.46938	0.24500	4	0.91	4%	0
015.41	Aluminum, ICP, Dry ash (mg / kg (ppm))	0171	0.00000	0.00000	55.176	33.858	1.0498	5	-1.63	50%	0
015.41	Aluminum, ICP, Dry ash (mg / kg (ppm))	0049	52.070	0.76000	55.176	33.858	1.0498	5	-0.09	3%	0
015.41	Aluminum, ICP, Dry ash (mg / kg (ppm))	0011	58.357	2.0880	55.176	33.858	1.0498	5	0.09	3%	0
015.41	Aluminum, ICP, Dry ash (mg / kg (ppm))	0964	81.451	2.4010	55.176	33.858	1.0498	5	0.78	24%	0
015.41	Aluminum, ICP, Dry ash (mg / kg (ppm))	0164	84.000	0.00000	55.176	33.858	1.0498	5	0.85	26%	0
015.41	Aluminum, ICP, Dry ash (mg / kg (ppm))	0520	69.900	8.8000	55.176	33.858	1.0498	5	0.43	13%	1
015.42	Aluminum, ICP, Open vessel (mg / kg (ppm))	0560	56.500	19.400			19.400	1			
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0297	43.500	7.0000	63.848	15.995	4.2032	8	-1.27	16%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0510	45.000	0.00000	63.848	15.995	4.2032	8	-1.18	15%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0425	58.970	0.04000	63.848	15.995	4.2032	8	-0.30	4%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0918	63.063	1.7759	63.848	15.995	4.2032	8	-0.05	1%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0168	66.725	13.150	63.848	15.995	4.2032	8	0.18	2%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0629	73.400	0.00000	63.848	15.995	4.2032	8	0.60	7%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0353	74.700	7.0600	63.848	15.995	4.2032	8	0.68	8%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0345	84.400	4.6000	63.848	15.995	4.2032	8	1.28	16%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
015.53	Aluminum, ICP-MS, Microwave (mg / kg (ppm))	0553	104.50	5.0000			5.0000	1			
017.41	Boron, ICP, Dry ash (mg / kg (ppm))	0358	6.9700	0.42000	7.7025	1.0359	1.1250	2	-0.71	5%	0
017.41	Boron, ICP, Dry ash (mg / kg (ppm))	0049	8.4350	1.8300	7.7025	1.0359	1.1250	2	0.71	5%	0
017.42	Boron, ICP, Open vessel (mg / kg (ppm))	0294	6.7300	0.34000	6.8975	0.15982	0.27500	4	-1.05	1%	0
017.42	Boron, ICP, Open vessel (mg / kg (ppm))	0560	6.8700	0.14000	6.8975	0.15982	0.27500	4	-0.17	0%	0
017.42	Boron, ICP, Open vessel (mg / kg (ppm))	0693	6.8750	0.19000	6.8975	0.15982	0.27500	4	-0.14	0%	0
017.42	Boron, ICP, Open vessel (mg / kg (ppm))	0045	7.1150	0.43000	6.8975	0.15982	0.27500	4	1.36	2%	0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0297	4.0000	4.0000	6.5471	1.3800	1.4740	7	-1.85	19%	0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0037	5.6000	0.20000	6.5471	1.3800	1.4740	7	-0.69	7%	0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0510	6.0000	0.00000	6.5471	1.3800	1.4740	7	-0.40	4%	0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0345	6.5500	0.10000	6.5471	1.3800	1.4740	7	0.00	0%	0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0918	7.2150	0.13000	6.5471	1.3800	1.4740	7	0.48	5%	0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0353	7.3650	0.77000	6.5471	1.3800	1.4740	7	0.59	6%	0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0168	9.6910	5.1180	6.5471	1.3800	1.4740	7	2.28	24%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0893	3.1850	0.01000	3.4580	0.17480	0.04826	19	-1.56	4%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0552	3.2050	0.09000	3.4580	0.17480	0.04826	19	-1.45	4%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0337	3.2400	0.16000	3.4580	0.17480	0.04826	19	-1.25	3%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0623	3.3050	0.01000	3.4580	0.17480	0.04826	19	-0.88	2%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0622	3.3078	0.03060	3.4580	0.17480	0.04826	19	-0.86	2%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0651	3.3315	0.00300	3.4580	0.17480	0.04826	19	-0.72	2%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0646	3.3700	0.10000	3.4580	0.17480	0.04826	19	-0.50	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0878	3.4550	0.01000	3.4580	0.17480	0.04826	19	-0.02	0%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0937	3.4550	0.01000	3.4580	0.17480	0.04826	19	-0.02	0%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2065	3.4785	0.03700	3.4580	0.17480	0.04826	19	0.12	0%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0683	3.4900	0.02000	3.4580	0.17480	0.04826	19	0.18	0%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0620	3.4910	0.02500	3.4580	0.17480	0.04826	19	0.19	0%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2062	3.5088	0.01840	3.4580	0.17480	0.04826	19	0.29	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0897	3.5650	0.01000	3.4580	0.17480	0.04826	19	0.61	2%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2006	3.5705	0.10300	3.4580	0.17480	0.04826	19	0.64	2%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2011	3.5750	0.07000	3.4580	0.17480	0.04826	19	0.67	2%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0903	3.6650	0.01000	3.4580	0.17480	0.04826	19	1.18	3%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0895	3.7000	0.00000	3.4580	0.17480	0.04826	19	1.38	3%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0194	4.3000	0.20000	3.4580	0.17480	0.04826	19	4.82	12%	0
019.02	Calcium, Hach Method (%)	0536	3.4500	0.08000			0.08000	1			
019.03	Calcium, Semiauto (Autoanalyzer) (%)	0036	3.6652	0.00180			0.00180	1			
019.08	Calcium, EDTA (%)	0940	3.1600	0.02000	3.4945	0.13997	0.02200	10	-2.39	5%	0
019.08	Calcium, EDTA (%)	0629	3.3700	0.00000	3.4945	0.13997	0.02200	10	-0.89	2%	0
019.08	Calcium, EDTA (%)	0590	3.3850	0.05000	3.4945	0.13997	0.02200	10	-0.78	2%	0
019.08	Calcium, EDTA (%)	0885	3.4750	0.05000	3.4945	0.13997	0.02200	10	-0.14	0%	0
019.08	Calcium, EDTA (%)	0849	3.5020	0.01600	3.4945	0.13997	0.02200	10	0.05	0%	0
019.08	Calcium, EDTA (%)	2042	3.5050	0.03000	3.4945	0.13997	0.02200	10	0.07	0%	0
019.08	Calcium, EDTA (%)	0689	3.5150	0.01000	3.4945	0.13997	0.02200	10	0.15	0%	0

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019.08	Calcium, EDTA (%)	2063	3.6000	0.02000	3.4945	0.13997	0.02200	10	0.75	2%	0
019.08	Calcium, EDTA (%)	0138	3.6000	0.02400	3.4945	0.13997	0.02200	10	0.75	2%	0
019.08	Calcium, EDTA (%)	0852	4.0000	0.00000	3.4945	0.13997	0.02200	10	3.61	7%	0
019.08	Calcium, EDTA (%)	0673	3.6000	0.20000	3.4945	0.13997	0.02200	10	0.75	2%	1
019.09	Calcium, Ion-selective electrode (%)	2006	3.4070	0.06400			0.06400	1			
019.31	Calcium, AAS, Dry ash (%)	0874	1.7332	0.04030	3.4288	0.22487	0.06120	26	-7.54	25%	0
019.31	Calcium, AAS, Dry ash (%)	0884	3.0450	0.01000	3.4288	0.22487	0.06120	26	-1.71	6%	0
019.31	Calcium, AAS, Dry ash (%)	0946	3.1046	0.03250	3.4288	0.22487	0.06120	26	-1.44	5%	0
019.31	Calcium, AAS, Dry ash (%)	0152	3.1450	0.03000	3.4288	0.22487	0.06120	26	-1.26	4%	0
019.31	Calcium, AAS, Dry ash (%)	0354	3.1750	0.01000	3.4288	0.22487	0.06120	26	-1.13	4%	0
019.31	Calcium, AAS, Dry ash (%)	0948	3.2200	0.04000	3.4288	0.22487	0.06120	26	-0.93	3%	0
019.31	Calcium, AAS, Dry ash (%)	0208	3.2357	0.30560	3.4288	0.22487	0.06120	26	-0.86	3%	0
019.31	Calcium, AAS, Dry ash (%)	0563	3.2859	0.00870	3.4288	0.22487	0.06120	26	-0.64	2%	0
019.31	Calcium, AAS, Dry ash (%)	0001	3.3540	0.05400	3.4288	0.22487	0.06120	26	-0.33	1%	0
019.31	Calcium, AAS, Dry ash (%)	0674	3.3950	0.01000	3.4288	0.22487	0.06120	26	-0.15	0%	0
019.31	Calcium, AAS, Dry ash (%)	0108	3.4050	0.03000	3.4288	0.22487	0.06120	26	-0.11	0%	0
019.31	Calcium, AAS, Dry ash (%)	0014	3.4200	0.34000	3.4288	0.22487	0.06120	26	-0.04	0%	0
019.31	Calcium, AAS, Dry ash (%)	0505	3.4350	0.03000	3.4288	0.22487	0.06120	26	0.03	0%	0
019.31	Calcium, AAS, Dry ash (%)	0233	3.4400	0.00000	3.4288	0.22487	0.06120	26	0.05	0%	0
019.31	Calcium, AAS, Dry ash (%)	0723	3.4886	0.00000	3.4288	0.22487	0.06120	26	0.27	1%	0
019.31	Calcium, AAS, Dry ash (%)	0687	3.5250	0.05000	3.4288	0.22487	0.06120	26	0.43	1%	0
019.31	Calcium, AAS, Dry ash (%)	0175	3.5300	0.04000	3.4288	0.22487	0.06120	26	0.45	1%	0
019.31	Calcium, AAS, Dry ash (%)	2022	3.5400	0.02000	3.4288	0.22487	0.06120	26	0.49	2%	0
019.31	Calcium, AAS, Dry ash (%)	0038	3.5450	0.13000	3.4288	0.22487	0.06120	26	0.52	2%	0
019.31	Calcium, AAS, Dry ash (%)	0868	3.5700	0.02000	3.4288	0.22487	0.06120	26	0.63	2%	0
019.31	Calcium, AAS, Dry ash (%)	0939	3.5750	0.03000	3.4288	0.22487	0.06120	26	0.65	2%	0
019.31	Calcium, AAS, Dry ash (%)	2018	3.5750	0.07000	3.4288	0.22487	0.06120	26	0.65	2%	0
019.31	Calcium, AAS, Dry ash (%)	0650	3.6650	0.03000	3.4288	0.22487	0.06120	26	1.05	3%	0
019.31	Calcium, AAS, Dry ash (%)	0178	3.7500	0.02000	3.4288	0.22487	0.06120	26	1.43	5%	0
019.31	Calcium, AAS, Dry ash (%)	0066	3.7750	0.13000	3.4288	0.22487	0.06120	26	1.54	5%	0
019.31	Calcium, AAS, Dry ash (%)	0904	3.8750	0.11000	3.4288	0.22487	0.06120	26	1.98	7%	0
019.31	Calcium, AAS, Dry ash (%)	0142	3.5710	0.36800	3.4288	0.22487	0.06120	26	0.63	2%	1
019.32	Calcium, AAS, Open vessel (%)	0504	3.2045	0.13500	3.7248	0.61942	0.06500	3	-0.84	7%	0
019.32	Calcium, AAS, Open vessel (%)	0169	3.5600	0.06000	3.7248	0.61942	0.06500	3	-0.27	2%	0
019.32	Calcium, AAS, Open vessel (%)	0609	4.4100	0.00000	3.7248	0.61942	0.06500	3	1.11	9%	0
019.33	Calcium, AAS, Microwave (%)	0010	3.6250	0.05000			0.05000	1			
019.41	Calcium, ICP, Dry ash (%)	0405	2.8850	0.03000	3.4935	0.13412	0.06557	35	-4.54	9%	0
019.41	Calcium, ICP, Dry ash (%)	0123	3.0950	0.13000	3.4935	0.13412	0.06557	35	-2.97	6%	0
019.41	Calcium, ICP, Dry ash (%)	0144	3.2500	0.08000	3.4935	0.13412	0.06557	35	-1.82	3%	0
019.41	Calcium, ICP, Dry ash (%)	0520	3.2700	0.20000	3.4935	0.13412	0.06557	35	-1.67	3%	0
019.41	Calcium, ICP, Dry ash (%)	0553	3.2800	0.04000	3.4935	0.13412	0.06557	35	-1.59	3%	0
019.41	Calcium, ICP, Dry ash (%)	0298	3.2800	0.02000	3.4935	0.13412	0.06557	35	-1.59	3%	0

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019.41	Calcium, ICP, Dry ash (%)	0148	3.3680	0.00800	3.4935	0.13412	0.06557	35	-0.94	2%	0
019.41	Calcium, ICP, Dry ash (%)	0011	3.3840	0.01920	3.4935	0.13412	0.06557	35	-0.82	2%	0
019.41	Calcium, ICP, Dry ash (%)	0171	3.4100	0.08000	3.4935	0.13412	0.06557	35	-0.62	1%	0
019.41	Calcium, ICP, Dry ash (%)	0511	3.4200	0.02000	3.4935	0.13412	0.06557	35	-0.55	1%	0
019.41	Calcium, ICP, Dry ash (%)	0089	3.4300	0.00000	3.4935	0.13412	0.06557	35	-0.47	1%	0
019.41	Calcium, ICP, Dry ash (%)	2023	3.4400	0.08000	3.4935	0.13412	0.06557	35	-0.40	1%	0
019.41	Calcium, ICP, Dry ash (%)	0407	3.4550	0.03000	3.4935	0.13412	0.06557	35	-0.29	1%	0
019.41	Calcium, ICP, Dry ash (%)	0226	3.4650	0.03000	3.4935	0.13412	0.06557	35	-0.21	0%	0
019.41	Calcium, ICP, Dry ash (%)	0164	3.4700	0.18000	3.4935	0.13412	0.06557	35	-0.18	0%	0
019.41	Calcium, ICP, Dry ash (%)	0682	3.4800	0.00000	3.4935	0.13412	0.06557	35	-0.10	0%	0
019.41	Calcium, ICP, Dry ash (%)	0074	3.4900	0.06000	3.4935	0.13412	0.06557	35	-0.03	0%	0
019.41	Calcium, ICP, Dry ash (%)	0139	3.4900	0.00000	3.4935	0.13412	0.06557	35	-0.03	0%	0
019.41	Calcium, ICP, Dry ash (%)	0229	3.5000	0.04000	3.4935	0.13412	0.06557	35	0.05	0%	0
019.41	Calcium, ICP, Dry ash (%)	0910	3.5150	0.25000	3.4935	0.13412	0.06557	35	0.16	0%	0
019.41	Calcium, ICP, Dry ash (%)	0004	3.5300	0.04000	3.4935	0.13412	0.06557	35	0.27	1%	0
019.41	Calcium, ICP, Dry ash (%)	0413	3.5500	0.10000	3.4935	0.13412	0.06557	35	0.42	1%	0
019.41	Calcium, ICP, Dry ash (%)	0964	3.5582	0.09590	3.4935	0.13412	0.06557	35	0.48	1%	0
019.41	Calcium, ICP, Dry ash (%)	0358	3.5650	0.05000	3.4935	0.13412	0.06557	35	0.53	1%	0
019.41	Calcium, ICP, Dry ash (%)	0598	3.5680	0.04000	3.4935	0.13412	0.06557	35	0.56	1%	0
019.41	Calcium, ICP, Dry ash (%)	0098	3.5700	0.06000	3.4935	0.13412	0.06557	35	0.57	1%	0
019.41	Calcium, ICP, Dry ash (%)	0003	3.5750	0.07000	3.4935	0.13412	0.06557	35	0.61	1%	0
019.41	Calcium, ICP, Dry ash (%)	2012	3.5750	0.05000	3.4935	0.13412	0.06557	35	0.61	1%	0
019.41	Calcium, ICP, Dry ash (%)	0049	3.6000	0.08000	3.4935	0.13412	0.06557	35	0.79	2%	0
019.41	Calcium, ICP, Dry ash (%)	0695	3.6530	0.00600	3.4935	0.13412	0.06557	35	1.19	2%	0
019.41	Calcium, ICP, Dry ash (%)	0300	3.7065	0.03300	3.4935	0.13412	0.06557	35	1.59	3%	0
019.41	Calcium, ICP, Dry ash (%)	0208	3.7125	0.00300	3.4935	0.13412	0.06557	35	1.63	3%	0
019.41	Calcium, ICP, Dry ash (%)	0848	3.7800	0.02000	3.4935	0.13412	0.06557	35	2.14	4%	0
019.41	Calcium, ICP, Dry ash (%)	0083	3.8000	0.18000	3.4935	0.13412	0.06557	35	2.29	4%	0
019.41	Calcium, ICP, Dry ash (%)	0619	3.8150	0.17000	3.4935	0.13412	0.06557	35	2.40	5%	0
019.41	Calcium, ICP, Dry ash (%)	0019	3.4300	0.30000	3.4935	0.13412	0.06557	35	-0.47	1%	1
019.42	Calcium, ICP, Open vessel (%)	0205	3.3100	0.28000	3.5426	0.19593	0.10881	19	-1.19	3%	0
019.42	Calcium, ICP, Open vessel (%)	0265	3.3100	0.04000	3.5426	0.19593	0.10881	19	-1.19	3%	0
019.42	Calcium, ICP, Open vessel (%)	0294	3.3550	0.05000	3.5426	0.19593	0.10881	19	-0.96	3%	0
019.42	Calcium, ICP, Open vessel (%)	0035	3.3730	0.04200	3.5426	0.19593	0.10881	19	-0.87	2%	0
019.42	Calcium, ICP, Open vessel (%)	2053	3.3800	0.02000	3.5426	0.19593	0.10881	19	-0.83	2%	0
019.42	Calcium, ICP, Open vessel (%)	0504	3.4310	0.35400	3.5426	0.19593	0.10881	19	-0.57	2%	0
019.42	Calcium, ICP, Open vessel (%)	0870	3.4355	0.16700	3.5426	0.19593	0.10881	19	-0.55	2%	0
019.42	Calcium, ICP, Open vessel (%)	0278	3.4650	0.11000	3.5426	0.19593	0.10881	19	-0.40	1%	0
019.42	Calcium, ICP, Open vessel (%)	0045	3.4700	0.16000	3.5426	0.19593	0.10881	19	-0.37	1%	0
019.42	Calcium, ICP, Open vessel (%)	0042	3.5000	0.14000	3.5426	0.19593	0.10881	19	-0.22	1%	0
019.42	Calcium, ICP, Open vessel (%)	0186	3.5300	0.06000	3.5426	0.19593	0.10881	19	-0.06	0%	0
019.42	Calcium, ICP, Open vessel (%)	0357	3.5800	0.04000	3.5426	0.19593	0.10881	19	0.19	1%	0

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019.42	Calcium, ICP, Open vessel (%)	0560	3.6174	0.10140	3.5426	0.19593	0.10881	19	0.38	1%	0
019.42	Calcium, ICP, Open vessel (%)	0202	3.6500	0.00000	3.5426	0.19593	0.10881	19	0.55	2%	0
019.42	Calcium, ICP, Open vessel (%)	0692	3.7750	0.23000	3.5426	0.19593	0.10881	19	1.19	3%	0
019.42	Calcium, ICP, Open vessel (%)	0693	3.7800	0.16000	3.5426	0.19593	0.10881	19	1.21	3%	0
019.42	Calcium, ICP, Open vessel (%)	0187	3.7900	0.02000	3.5426	0.19593	0.10881	19	1.26	3%	0
019.42	Calcium, ICP, Open vessel (%)	0190	3.8100	0.08000	3.5426	0.19593	0.10881	19	1.36	4%	0
019.42	Calcium, ICP, Open vessel (%)	0726	3.8445	0.01300	3.5426	0.19593	0.10881	19	1.54	4%	0
019.42	Calcium, ICP, Open vessel (%)	0555	3.2000	0.80000	3.5426	0.19593	0.10881	19	-1.75	5%	1
019.43	Calcium, ICP, Microwave (%)	0510	3.0300	0.02000	3.4673	0.19115	0.06421	19	-2.29	6%	0
019.43	Calcium, ICP, Microwave (%)	0017	3.1150	0.21000	3.4673	0.19115	0.06421	19	-1.84	5%	0
019.43	Calcium, ICP, Microwave (%)	0033	3.2900	0.06000	3.4673	0.19115	0.06421	19	-0.93	3%	0
019.43	Calcium, ICP, Microwave (%)	0297	3.3100	0.00000	3.4673	0.19115	0.06421	19	-0.82	2%	0
019.43	Calcium, ICP, Microwave (%)	0345	3.3650	0.03000	3.4673	0.19115	0.06421	19	-0.53	1%	0
019.43	Calcium, ICP, Microwave (%)	0918	3.3705	0.04700	3.4673	0.19115	0.06421	19	-0.51	1%	0
019.43	Calcium, ICP, Microwave (%)	0008	3.3745	0.21700	3.4673	0.19115	0.06421	19	-0.49	1%	0
019.43	Calcium, ICP, Microwave (%)	0629	3.3750	0.03000	3.4673	0.19115	0.06421	19	-0.48	1%	0
019.43	Calcium, ICP, Microwave (%)	0027	3.4400	0.04000	3.4673	0.19115	0.06421	19	-0.14	0%	0
019.43	Calcium, ICP, Microwave (%)	0036	3.4435	0.12900	3.4673	0.19115	0.06421	19	-0.12	0%	0
019.43	Calcium, ICP, Microwave (%)	0353	3.5100	0.06000	3.4673	0.19115	0.06421	19	0.22	1%	0
019.43	Calcium, ICP, Microwave (%)	0037	3.5450	0.07000	3.4673	0.19115	0.06421	19	0.41	1%	0
019.43	Calcium, ICP, Microwave (%)	0675	3.5700	0.00000	3.4673	0.19115	0.06421	19	0.54	1%	0
019.43	Calcium, ICP, Microwave (%)	0968	3.5855	0.00500	3.4673	0.19115	0.06421	19	0.62	2%	0
019.43	Calcium, ICP, Microwave (%)	0168	3.5880	0.06400	3.4673	0.19115	0.06421	19	0.63	2%	0
019.43	Calcium, ICP, Microwave (%)	0098	3.6200	0.00000	3.4673	0.19115	0.06421	19	0.80	2%	0
019.43	Calcium, ICP, Microwave (%)	0006	3.6490	0.14800	3.4673	0.19115	0.06421	19	0.95	3%	0
019.43	Calcium, ICP, Microwave (%)	0038	3.7800	0.08000	3.4673	0.19115	0.06421	19	1.64	5%	0
019.43	Calcium, ICP, Microwave (%)	0425	3.8050	0.01000	3.4673	0.19115	0.06421	19	1.77	5%	0
019.44	Calcium, ICP, Dry ash (%)	0955	3.3800	0.42000			0.42000	1			
019.52	Calcium, ICP-MS, Open vessel (%)	0016	3.2700	0.04000	3.3408	0.07675	0.08530	3	-0.92	1%	0
019.52	Calcium, ICP-MS, Open vessel (%)	0047	3.3300	0.08000	3.3408	0.07675	0.08530	3	-0.14	0%	0
019.52	Calcium, ICP-MS, Open vessel (%)	0154	3.4224	0.13590	3.3408	0.07675	0.08530	3	1.06	1%	0
019.53	Calcium, ICP-MS, Microwave (%)	0572	3.4683	0.06350			0.06350	1			
019.99	Calcium, Miscellaneous (%)	0889	2.0300	0.06000	3.5083	0.36090	0.05067	6	-4.10	21%	0
019.99	Calcium, Miscellaneous (%)	0676	3.3700	0.02000	3.5083	0.36090	0.05067	6	-0.38	2%	0
019.99	Calcium, Miscellaneous (%)	2006	3.4070	0.06400	3.5083	0.36090	0.05067	6	-0.28	1%	0
019.99	Calcium, Miscellaneous (%)	0242	3.5750	0.11000	3.5083	0.36090	0.05067	6	0.18	1%	0
019.99	Calcium, Miscellaneous (%)	0852	3.8000	0.00000	3.5083	0.36090	0.05067	6	0.81	4%	0
019.99	Calcium, Miscellaneous (%)	0100	3.8850	0.05000	3.5083	0.36090	0.05067	6	1.04	5%	0
021.00	Cobalt, Color (mg / kg (ppm))	0693	0.00000	0.00000			0.00000	1			
021.31	Cobalt, AAS, Dry ash (mg / kg (ppm))	0689	0.70000	0.20000	1.2263	0.82103	0.09750	4	-0.64	21%	0
021.31	Cobalt, AAS, Dry ash (mg / kg (ppm))	0164	0.83000	0.02000	1.2263	0.82103	0.09750	4	-0.48	16%	0
021.31	Cobalt, AAS, Dry ash (mg / kg (ppm))	0939	0.92500	0.07000	1.2263	0.82103	0.09750	4	-0.37	12%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
021.31	Cobalt, AAS, Dry ash (mg / kg (ppm))	2022	2.4500	0.10000	1.2263	0.82103	0.09750	4	1.49	50%	0
021.41	Cobalt, ICP, Dry ash (mg / kg (ppm))	0619	0.44700	0.04800	0.66342	0.25245	0.04490	3	-0.86	16%	0
021.41	Cobalt, ICP, Dry ash (mg / kg (ppm))	0011	0.60250	0.03400	0.66342	0.25245	0.04490	3	-0.24	5%	0
021.41	Cobalt, ICP, Dry ash (mg / kg (ppm))	0964	0.94075	0.05270	0.66342	0.25245	0.04490	3	1.10	21%	0
021.42	Cobalt, ICP, Open vessel (mg / kg (ppm))	0560	0.61750	0.07700			0.07700	1			
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0510	0.62000	0.02000	0.73500	0.16263	0.06000	2	-0.71	8%	0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0038	0.85000	0.10000	0.73500	0.16263	0.06000	2	0.71	8%	0
021.52	Cobalt, ICP-MS, Open vessel (mg / kg (ppm))	0555	0.45000	0.06000	0.46500	0.02121	0.09000	2	-0.71	2%	0
021.52	Cobalt, ICP-MS, Open vessel (mg / kg (ppm))	0910	0.48000	0.12000	0.46500	0.02121	0.09000	2	0.71	2%	0
021.53	Cobalt, ICP-MS, Microwave (mg / kg (ppm))	0098	0.41750	0.02500	0.55773	0.20783	0.05200	3	-0.67	13%	0
021.53	Cobalt, ICP-MS, Microwave (mg / kg (ppm))	0918	0.45920	0.00600	0.55773	0.20783	0.05200	3	-0.47	9%	0
021.53	Cobalt, ICP-MS, Microwave (mg / kg (ppm))	0553	0.79650	0.12500	0.55773	0.20783	0.05200	3	1.15	21%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	2062	1.0000	0.00000	15.232	1.4564	0.69706	17	-9.77	47%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0066	13.725	0.77000	15.232	1.4564	0.69706	17	-1.03	5%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0673	14.000	0.00000	15.232	1.4564	0.69706	17	-0.85	4%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0904	14.105	2.9900	15.232	1.4564	0.69706	17	-0.77	4%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0590	14.150	0.30000	15.232	1.4564	0.69706	17	-0.74	4%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0939	14.550	0.08000	15.232	1.4564	0.69706	17	-0.47	2%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0505	14.650	0.90000	15.232	1.4564	0.69706	17	-0.40	2%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0868	14.650	0.30000	15.232	1.4564	0.69706	17	-0.40	2%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0208	15.300	2.2000	15.232	1.4564	0.69706	17	0.05	0%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0689	15.300	2.6000	15.232	1.4564	0.69706	17	0.05	0%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	2022	15.450	0.10000	15.232	1.4564	0.69706	17	0.15	1%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0674	15.980	0.00000	15.232	1.4564	0.69706	17	0.51	2%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0178	16.135	0.13000	15.232	1.4564	0.69706	17	0.62	3%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0563	16.380	0.78000	15.232	1.4564	0.69706	17	0.79	4%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0354	16.860	0.20000	15.232	1.4564	0.69706	17	1.12	5%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0646	17.250	0.50000	15.232	1.4564	0.69706	17	1.39	7%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0723	18.837	0.00000	15.232	1.4564	0.69706	17	2.48	12%	0
022.32	Copper, AAS, Open vessel (mg / kg (ppm))	0609	10.000	0.00000	13.105	2.8179	0.47667	3	-1.10	12%	0
022.32	Copper, AAS, Open vessel (mg / kg (ppm))	0504	13.815	0.43000	13.105	2.8179	0.47667	3	0.25	3%	0
022.32	Copper, AAS, Open vessel (mg / kg (ppm))	0038	15.500	1.0000	13.105	2.8179	0.47667	3	0.85	9%	0
022.33	Copper, AAS, Microwave (mg / kg (ppm))	2018	13.450	0.12000	13.995	0.77075	0.27000	2	-0.71	2%	0
022.33	Copper, AAS, Microwave (mg / kg (ppm))	0948	14.540	0.42000	13.995	0.77075	0.27000	2	0.71	2%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0229	12.000	0.00000	13.998	1.2651	0.93081	26	-1.58	7%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0619	12.450	1.5000	13.998	1.2651	0.93081	26	-1.22	6%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0511	12.500	1.0000	13.998	1.2651	0.93081	26	-1.18	5%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0049	12.535	1.1900	13.998	1.2651	0.93081	26	-1.16	5%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0964	12.964	0.90500	13.998	1.2651	0.93081	26	-0.82	4%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0011	13.030	1.1700	13.998	1.2651	0.93081	26	-0.77	3%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0520	13.050	3.3000	13.998	1.2651	0.93081	26	-0.75	3%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0171	13.300	0.40000	13.998	1.2651	0.93081	26	-0.55	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0098	13.350	0.30000	13.998	1.2651	0.93081	26	-0.51	2%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0004	13.500	1.0000	13.998	1.2651	0.93081	26	-0.39	2%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0910	13.500	1.0000	13.998	1.2651	0.93081	26	-0.39	2%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0358	13.580	1.2000	13.998	1.2651	0.93081	26	-0.33	1%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0208	13.750	0.76000	13.998	1.2651	0.93081	26	-0.20	1%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0407	13.820	0.34000	13.998	1.2651	0.93081	26	-0.14	1%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0164	14.250	0.10000	13.998	1.2651	0.93081	26	0.20	1%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0226	14.500	1.0000	13.998	1.2651	0.93081	26	0.40	2%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0405	14.500	1.0000	13.998	1.2651	0.93081	26	0.40	2%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0148	14.550	0.30000	13.998	1.2651	0.93081	26	0.44	2%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0682	14.600	0.00000	13.998	1.2651	0.93081	26	0.48	2%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0083	15.000	2.0000	13.998	1.2651	0.93081	26	0.79	4%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0598	15.410	0.36000	13.998	1.2651	0.93081	26	1.12	5%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0300	15.738	0.67700	13.998	1.2651	0.93081	26	1.37	6%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0074	16.000	2.0000	13.998	1.2651	0.93081	26	1.58	7%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	2012	16.130	2.1200	13.998	1.2651	0.93081	26	1.69	8%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0003	19.000	0.00000	13.998	1.2651	0.93081	26	3.95	18%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0695	19.686	0.57900	13.998	1.2651	0.93081	26	4.50	20%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0555	12.500	1.0000	14.766	1.7834	0.90824	17	-1.27	8%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0186	13.000	0.00000	14.766	1.7834	0.90824	17	-0.99	6%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0265	13.000	0.00000	14.766	1.7834	0.90824	17	-0.99	6%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0870	13.300	0.22000	14.766	1.7834	0.90824	17	-0.82	5%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0294	13.470	0.54000	14.766	1.7834	0.90824	17	-0.73	4%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0413	13.600	0.60000	14.766	1.7834	0.90824	17	-0.65	4%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0692	14.050	0.70000	14.766	1.7834	0.90824	17	-0.40	2%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0045	14.350	0.30000	14.766	1.7834	0.90824	17	-0.23	1%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0357	14.500	1.0000	14.766	1.7834	0.90824	17	-0.15	1%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0190	14.775	0.01000	14.766	1.7834	0.90824	17	0.01	0%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0560	14.900	1.2000	14.766	1.7834	0.90824	17	0.08	0%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0278	15.700	1.0000	14.766	1.7834	0.90824	17	0.52	3%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0035	16.075	2.0900	14.766	1.7834	0.90824	17	0.73	4%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0693	16.290	2.4000	14.766	1.7834	0.90824	17	0.85	5%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0202	17.975	0.01000	14.766	1.7834	0.90824	17	1.80	11%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0726	20.000	4.0000	14.766	1.7834	0.90824	17	2.93	18%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0187	32.085	0.37000	14.766	1.7834	0.90824	17	9.71	59%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0042	21.300	14.000	14.766	1.7834	0.90824	17	3.66	22%	1
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0037	9.1000	0.00000	13.915	1.8276	0.56873	15	-2.63	17%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0353	11.870	0.44000	13.915	1.8276	0.56873	15	-1.12	7%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0510	12.000	0.00000	13.915	1.8276	0.56873	15	-1.05	7%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0345	12.500	0.80000	13.915	1.8276	0.56873	15	-0.77	5%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0038	13.500	1.0000	13.915	1.8276	0.56873	15	-0.23	1%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0918	13.540	0.20000	13.915	1.8276	0.56873	15	-0.21	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0629	13.600	0.00000	13.915	1.8276	0.56873	15	-0.17	1%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0425	13.705	0.01000	13.915	1.8276	0.56873	15	-0.11	1%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0297	14.000	2.0000	13.915	1.8276	0.56873	15	0.05	0%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0098	14.325	0.43000	13.915	1.8276	0.56873	15	0.22	1%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0968	14.500	1.0000	13.915	1.8276	0.56873	15	0.32	2%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0168	15.595	0.51000	13.915	1.8276	0.56873	15	0.92	6%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0675	15.645	2.0700	13.915	1.8276	0.56873	15	0.95	6%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0027	16.763	0.06100	13.915	1.8276	0.56873	15	1.56	10%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0008	17.065	0.01000	13.915	1.8276	0.56873	15	1.72	11%	0
022.52	Copper, ICP-MS, Open vessel (mg / kg (ppm))	0555	14.500	3.0000			3.0000	1			
022.53	Copper, ICP-MS, Microwave (mg / kg (ppm))	2023	13.300	1.2000	13.985	0.96874	0.82000	2	-0.71	2%	0
022.53	Copper, ICP-MS, Microwave (mg / kg (ppm))	0572	14.670	0.44000	13.985	0.96874	0.82000	2	0.71	2%	0
022.99	Copper, Miscellaneous (mg / kg (ppm))	0100	13.500	1.0000	14.500	1.4142	1.0000	2	-0.71	3%	0
022.99	Copper, Miscellaneous (mg / kg (ppm))	0242	15.500	1.0000	14.500	1.4142	1.0000	2	0.71	3%	0
023.01	Fluorine, Ion-selective electrode (mg / kg (ppm))	0619	7.6000	0.04000			0.04000	1			
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0673	140.50	1.0000	155.56	8.3228	3.3656	17	-1.81	5%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	2022	146.90	1.2000	155.56	8.3228	3.3656	17	-1.04	3%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0505	148.00	4.0000	155.56	8.3228	3.3656	17	-0.91	2%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0904	149.08	11.800	155.56	8.3228	3.3656	17	-0.78	2%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0723	150.06	0.00000	155.56	8.3228	3.3656	17	-0.66	2%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0939	151.54	0.24000	155.56	8.3228	3.3656	17	-0.48	1%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0689	151.75	8.1000	155.56	8.3228	3.3656	17	-0.46	1%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0563	153.00	2.0000	155.56	8.3228	3.3656	17	-0.31	1%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0646	154.50	5.0000	155.56	8.3228	3.3656	17	-0.13	0%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0868	157.00	0.00000	155.56	8.3228	3.3656	17	0.17	0%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	2062	157.76	1.3160	155.56	8.3228	3.3656	17	0.26	1%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0208	158.50	1.0000	155.56	8.3228	3.3656	17	0.35	1%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0178	160.25	4.9000	155.56	8.3228	3.3656	17	0.56	2%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0874	163.50	5.0000	155.56	8.3228	3.3656	17	0.95	3%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0038	169.50	1.0000	155.56	8.3228	3.3656	17	1.67	4%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0175	172.00	4.0000	155.56	8.3228	3.3656	17	1.97	5%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0066	177.74	6.6600	155.56	8.3228	3.3656	17	2.66	7%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0354	453.90	0.84000	155.56	8.3228	3.3656	17	35.85	96%	2
025.32	Iron, AAS, Open vessel (mg / kg (ppm))	0337	134.65	9.0900	224.55	130.32	6.4967	3	-0.69	20%	0
025.32	Iron, AAS, Open vessel (mg / kg (ppm))	0504	165.00	0.40000	224.55	130.32	6.4967	3	-0.46	13%	0
025.32	Iron, AAS, Open vessel (mg / kg (ppm))	0609	374.00	10.000	224.55	130.32	6.4967	3	1.15	33%	0
025.33	Iron, AAS, Microwave (mg / kg (ppm))	0948	112.48	0.12000	129.87	24.593	4.7800	2	-0.71	7%	0
025.33	Iron, AAS, Microwave (mg / kg (ppm))	2018	147.26	9.4400	129.87	24.593	4.7800	2	0.71	7%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0226	129.00	10.000	144.05	8.6235	3.5842	26	-1.74	5%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0083	133.50	5.0000	144.05	8.6235	3.5842	26	-1.22	4%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0695	133.81	0.84800	144.05	8.6235	3.5842	26	-1.19	4%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0520	135.50	5.0000	144.05	8.6235	3.5842	26	-0.99	3%	0



Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0511	137.00	6.0000	144.05	8.6235	3.5842	26	-0.82	2%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0300	137.96	4.1860	144.05	8.6235	3.5842	26	-0.71	2%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0910	138.00	4.0000	144.05	8.6235	3.5842	26	-0.70	2%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	2012	138.13	0.26000	144.05	8.6235	3.5842	26	-0.69	2%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0011	139.04	1.7550	144.05	8.6235	3.5842	26	-0.58	2%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0171	139.50	5.0000	144.05	8.6235	3.5842	26	-0.53	2%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0164	141.00	2.0000	144.05	8.6235	3.5842	26	-0.35	1%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0405	141.50	3.0000	144.05	8.6235	3.5842	26	-0.30	1%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0407	143.91	0.88000	144.05	8.6235	3.5842	26	-0.02	0%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0148	145.20	1.2000	144.05	8.6235	3.5842	26	0.13	0%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0619	145.50	1.0000	144.05	8.6235	3.5842	26	0.17	1%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0358	146.51	7.1500	144.05	8.6235	3.5842	26	0.28	1%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0098	146.80	2.4000	144.05	8.6235	3.5842	26	0.32	1%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0553	147.00	2.0000	144.05	8.6235	3.5842	26	0.34	1%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0074	148.00	0.00000	144.05	8.6235	3.5842	26	0.46	1%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0229	149.00	2.0000	144.05	8.6235	3.5842	26	0.57	2%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0049	150.37	5.9400	144.05	8.6235	3.5842	26	0.73	2%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0598	151.95	1.3000	144.05	8.6235	3.5842	26	0.92	3%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0004	154.00	6.0000	144.05	8.6235	3.5842	26	1.15	3%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0964	159.01	11.570	144.05	8.6235	3.5842	26	1.73	5%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0682	166.60	0.00000	144.05	8.6235	3.5842	26	2.62	8%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0208	173.35	4.7000	144.05	8.6235	3.5842	26	3.40	10%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0003	146.50	29.000	144.05	8.6235	3.5842	26	0.28	1%	1
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0870	126.95	4.7000	149.69	14.359	5.2540	15	-1.58	8%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0692	129.50	1.0000	149.69	14.359	5.2540	15	-1.41	7%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0560	131.75	7.7000	149.69	14.359	5.2540	15	-1.25	6%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0413	136.50	3.0000	149.69	14.359	5.2540	15	-0.92	4%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0265	142.00	8.0000	149.69	14.359	5.2540	15	-0.54	3%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0693	149.36	10.170	149.69	14.359	5.2540	15	-0.02	0%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0294	149.42	2.2400	149.69	14.359	5.2540	15	-0.02	0%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0278	151.00	12.000	149.69	14.359	5.2540	15	0.09	0%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0186	154.50	3.0000	149.69	14.359	5.2540	15	0.34	2%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0045	157.00	8.0000	149.69	14.359	5.2540	15	0.51	2%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0035	157.50	6.6000	149.69	14.359	5.2540	15	0.54	3%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0042	159.50	3.0000	149.69	14.359	5.2540	15	0.68	3%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0726	161.50	7.0000	149.69	14.359	5.2540	15	0.82	4%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0190	162.32	0.17000	149.69	14.359	5.2540	15	0.88	4%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0187	213.29	2.2300	149.69	14.359	5.2540	15	4.43	21%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0555	113.00	26.000	149.69	14.359	5.2540	15	-2.56	12%	1
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0297	106.50	3.0000	143.92	20.341	1.9464	14	-1.84	13%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0918	123.06	2.3700	143.92	20.341	1.9464	14	-1.03	7%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0510	127.00	0.00000	143.92	20.341	1.9464	14	-0.83	6%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0345	130.50	3.0000	143.92	20.341	1.9464	14	-0.66	5%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0037	131.50	0.20000	143.92	20.341	1.9464	14	-0.61	4%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	2023	137.50	1.0000	143.92	20.341	1.9464	14	-0.32	2%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0675	140.83	4.0800	143.92	20.341	1.9464	14	-0.15	1%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0098	147.75	1.7000	143.92	20.341	1.9464	14	0.19	1%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0168	149.15	1.1000	143.92	20.341	1.9464	14	0.26	2%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0038	153.00	6.0000	143.92	20.341	1.9464	14	0.45	3%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0425	153.50	0.00000	143.92	20.341	1.9464	14	0.47	3%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0353	158.60	2.8000	143.92	20.341	1.9464	14	0.72	5%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0968	175.00	2.0000	143.92	20.341	1.9464	14	1.53	11%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0629	212.00	0.00000	143.92	20.341	1.9464	14	3.35	24%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0008	156.45	15.900	143.92	20.341	1.9464	14	0.62	4%	1
025.52	Iron, ICP-MS, Open vessel (mg / kg (ppm))	0555	146.50	13.000	152.93	9.0863	7.1600	2	-0.71	2%	0
025.52	Iron, ICP-MS, Open vessel (mg / kg (ppm))	0154	159.35	1.3200	152.93	9.0863	7.1600	2	0.71	2%	0
025.99	Iron, Miscellaneous (mg / kg (ppm))	0242	137.00	4.0000	137.25	0.35355	5.5000	2	-0.71	0%	0
025.99	Iron, Miscellaneous (mg / kg (ppm))	0100	137.50	7.0000	137.25	0.35355	5.5000	2	0.71	0%	0
027.31	Magnesium, AAS, Dry ash (%)	0673	0.23000	0.02000	0.26237	0.01340	0.00409	17	-2.42	6%	0
027.31	Magnesium, AAS, Dry ash (%)	0646	0.24000	0.00000	0.26237	0.01340	0.00409	17	-1.67	4%	0
027.31	Magnesium, AAS, Dry ash (%)	2022	0.24470	0.00020	0.26237	0.01340	0.00409	17	-1.32	3%	0
027.31	Magnesium, AAS, Dry ash (%)	0354	0.25000	0.00000	0.26237	0.01340	0.00409	17	-0.92	2%	0
027.31	Magnesium, AAS, Dry ash (%)	0590	0.25500	0.01000	0.26237	0.01340	0.00409	17	-0.55	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0038	0.25900	0.00600	0.26237	0.01340	0.00409	17	-0.25	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0689	0.26000	0.00000	0.26237	0.01340	0.00409	17	-0.18	0%	0
027.31	Magnesium, AAS, Dry ash (%)	0142	0.26350	0.00100	0.26237	0.01340	0.00409	17	0.08	0%	0
027.31	Magnesium, AAS, Dry ash (%)	0178	0.26350	0.00500	0.26237	0.01340	0.00409	17	0.08	0%	0
027.31	Magnesium, AAS, Dry ash (%)	0868	0.26450	0.00100	0.26237	0.01340	0.00409	17	0.16	0%	0
027.31	Magnesium, AAS, Dry ash (%)	0066	0.26500	0.01000	0.26237	0.01340	0.00409	17	0.20	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0175	0.26500	0.01000	0.26237	0.01340	0.00409	17	0.20	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0208	0.27110	0.00360	0.26237	0.01340	0.00409	17	0.65	2%	0
027.31	Magnesium, AAS, Dry ash (%)	0650	0.27370	0.00160	0.26237	0.01340	0.00409	17	0.85	2%	0
027.31	Magnesium, AAS, Dry ash (%)	0874	0.27370	0.00080	0.26237	0.01340	0.00409	17	0.85	2%	0
027.31	Magnesium, AAS, Dry ash (%)	0939	0.28000	0.00000	0.26237	0.01340	0.00409	17	1.32	3%	0
027.31	Magnesium, AAS, Dry ash (%)	0563	0.28985	0.00030	0.26237	0.01340	0.00409	17	2.05	5%	0
027.31	Magnesium, AAS, Dry ash (%)	0904	0.28500	0.07000	0.26237	0.01340	0.00409	17	1.69	4%	1
027.32	Magnesium, AAS, Open vessel (%)	0504	0.26480	0.00700	0.27990	0.02135	0.00850	2	-0.71	3%	0
027.32	Magnesium, AAS, Open vessel (%)	0609	0.29500	0.01000	0.27990	0.02135	0.00850	2	0.71	3%	0
027.33	Magnesium, AAS, Microwave (%)	0948	0.28500	0.01000			0.01000	1			
027.41	Magnesium, ICP, Dry ash (%)	0405	0.21500	0.01000	0.26659	0.01367	0.00631	30	-3.77	10%	0
027.41	Magnesium, ICP, Dry ash (%)	0695	0.24350	0.00500	0.26659	0.01367	0.00631	30	-1.69	4%	0
027.41	Magnesium, ICP, Dry ash (%)	0511	0.24500	0.01000	0.26659	0.01367	0.00631	30	-1.58	4%	0
027.41	Magnesium, ICP, Dry ash (%)	0049	0.25000	0.00000	0.26659	0.01367	0.00631	30	-1.21	3%	0
027.41	Magnesium, ICP, Dry ash (%)	0910	0.25500	0.01000	0.26659	0.01367	0.00631	30	-0.85	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
027.41	Magnesium, ICP, Dry ash (%)	0148	0.25550	0.00100	0.26659	0.01367	0.00631	30	-0.81	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0553	0.25550	0.00100	0.26659	0.01367	0.00631	30	-0.81	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0300	0.25650	0.00100	0.26659	0.01367	0.00631	30	-0.74	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0413	0.26000	0.00000	0.26659	0.01367	0.00631	30	-0.48	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0964	0.26065	0.00270	0.26659	0.01367	0.00631	30	-0.43	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0074	0.26250	0.00500	0.26659	0.01367	0.00631	30	-0.30	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0619	0.26350	0.00500	0.26659	0.01367	0.00631	30	-0.23	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0011	0.26410	0.00280	0.26659	0.01367	0.00631	30	-0.18	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0171	0.26500	0.01000	0.26659	0.01367	0.00631	30	-0.12	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0229	0.26500	0.01000	0.26659	0.01367	0.00631	30	-0.12	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0520	0.26500	0.01200	0.26659	0.01367	0.00631	30	-0.12	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0164	0.26800	0.00600	0.26659	0.01367	0.00631	30	0.10	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0358	0.27000	0.00000	0.26659	0.01367	0.00631	30	0.25	1%	0
027.41	Magnesium, ICP, Dry ash (%)	2023	0.27050	0.00500	0.26659	0.01367	0.00631	30	0.29	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0139	0.27285	0.00370	0.26659	0.01367	0.00631	30	0.46	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0003	0.27500	0.01000	0.26659	0.01367	0.00631	30	0.62	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0004	0.27500	0.01000	0.26659	0.01367	0.00631	30	0.62	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0098	0.27500	0.01000	0.26659	0.01367	0.00631	30	0.62	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0226	0.27500	0.01000	0.26659	0.01367	0.00631	30	0.62	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0598	0.27985	0.00050	0.26659	0.01367	0.00631	30	0.97	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0083	0.28000	0.02000	0.26659	0.01367	0.00631	30	0.98	3%	0
027.41	Magnesium, ICP, Dry ash (%)	0407	0.28150	0.00500	0.26659	0.01367	0.00631	30	1.09	3%	0
027.41	Magnesium, ICP, Dry ash (%)	2012	0.28500	0.01000	0.26659	0.01367	0.00631	30	1.35	3%	0
027.41	Magnesium, ICP, Dry ash (%)	0208	0.28890	0.01360	0.26659	0.01367	0.00631	30	1.63	4%	0
027.41	Magnesium, ICP, Dry ash (%)	0682	0.29000	0.00000	0.26659	0.01367	0.00631	30	1.71	4%	0
027.42	Magnesium, ICP, Open vessel (%)	0555	0.21000	0.00000	0.26287	0.01547	0.00673	17	-3.42	10%	0
027.42	Magnesium, ICP, Open vessel (%)	0692	0.24000	0.00000	0.26287	0.01547	0.00673	17	-1.48	4%	0
027.42	Magnesium, ICP, Open vessel (%)	0870	0.25065	0.01610	0.26287	0.01547	0.00673	17	-0.79	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0190	0.25500	0.01000	0.26287	0.01547	0.00673	17	-0.51	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0278	0.25500	0.01000	0.26287	0.01547	0.00673	17	-0.51	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0045	0.25700	0.00800	0.26287	0.01547	0.00673	17	-0.38	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0042	0.25750	0.00100	0.26287	0.01547	0.00673	17	-0.35	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0035	0.25870	0.00040	0.26287	0.01547	0.00673	17	-0.27	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0186	0.26000	0.01800	0.26287	0.01547	0.00673	17	-0.19	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0294	0.26000	0.00000	0.26287	0.01547	0.00673	17	-0.19	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0357	0.26500	0.01000	0.26287	0.01547	0.00673	17	0.14	0%	0
027.42	Magnesium, ICP, Open vessel (%)	0265	0.27000	0.02000	0.26287	0.01547	0.00673	17	0.46	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0560	0.27715	0.00910	0.26287	0.01547	0.00673	17	0.92	3%	0
027.42	Magnesium, ICP, Open vessel (%)	0726	0.28930	0.00020	0.26287	0.01547	0.00673	17	1.71	5%	0
027.42	Magnesium, ICP, Open vessel (%)	0202	0.29000	0.00000	0.26287	0.01547	0.00673	17	1.75	5%	0
027.42	Magnesium, ICP, Open vessel (%)	0693	0.29500	0.01000	0.26287	0.01547	0.00673	17	2.08	6%	0
027.42	Magnesium, ICP, Open vessel (%)	0187	0.29670	0.00160	0.26287	0.01547	0.00673	17	2.19	6%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
027.43	Magnesium, ICP, Microwave (%)	0510	0.22500	0.01000	0.26081	0.01714	0.00486	14	-2.09	7%	0
027.43	Magnesium, ICP, Microwave (%)	0345	0.23550	0.00100	0.26081	0.01714	0.00486	14	-1.48	5%	0
027.43	Magnesium, ICP, Microwave (%)	0629	0.24700	0.00000	0.26081	0.01714	0.00486	14	-0.81	3%	0
027.43	Magnesium, ICP, Microwave (%)	0918	0.24850	0.00300	0.26081	0.01714	0.00486	14	-0.72	2%	0
027.43	Magnesium, ICP, Microwave (%)	0038	0.25200	0.00200	0.26081	0.01714	0.00486	14	-0.51	2%	0
027.43	Magnesium, ICP, Microwave (%)	0297	0.26000	0.00000	0.26081	0.01714	0.00486	14	-0.05	0%	0
027.43	Magnesium, ICP, Microwave (%)	0168	0.26100	0.00500	0.26081	0.01714	0.00486	14	0.01	0%	0
027.43	Magnesium, ICP, Microwave (%)	0008	0.26350	0.00300	0.26081	0.01714	0.00486	14	0.16	1%	0
027.43	Magnesium, ICP, Microwave (%)	0675	0.26500	0.01000	0.26081	0.01714	0.00486	14	0.24	1%	0
027.43	Magnesium, ICP, Microwave (%)	0425	0.27000	0.00000	0.26081	0.01714	0.00486	14	0.54	2%	0
027.43	Magnesium, ICP, Microwave (%)	0027	0.27050	0.00300	0.26081	0.01714	0.00486	14	0.57	2%	0
027.43	Magnesium, ICP, Microwave (%)	0098	0.27500	0.01000	0.26081	0.01714	0.00486	14	0.83	3%	0
027.43	Magnesium, ICP, Microwave (%)	0037	0.28000	0.02000	0.26081	0.01714	0.00486	14	1.12	4%	0
027.43	Magnesium, ICP, Microwave (%)	0968	0.28550	0.00100	0.26081	0.01714	0.00486	14	1.44	5%	0
027.43	Magnesium, ICP, Microwave (%)	0353	0.27000	0.04000	0.26081	0.01714	0.00486	14	0.54	2%	1
027.52	Magnesium, ICP-MS, Open vessel (%)	0154	0.25245	0.00830			0.00830	1			
027.53	Magnesium, ICP-MS, Microwave (%)	0572	0.27920	0.00520			0.00520	1			
027.99	Magnesium, Miscellaneous (%)	0889	0.15000	0.02000	0.23667	0.07572	0.00667	3	-1.14	18%	0
027.99	Magnesium, Miscellaneous (%)	0242	0.27000	0.00000	0.23667	0.07572	0.00667	3	0.44	7%	0
027.99	Magnesium, Miscellaneous (%)	0100	0.29000	0.00000	0.23667	0.07572	0.00667	3	0.70	11%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	2022	79.800	1.0000	150.62	10.087	3.4757	18	-7.02	24%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0563	128.58	4.3600	150.62	10.087	3.4757	18	-2.19	7%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0723	140.05	0.00000	150.62	10.087	3.4757	18	-1.05	4%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0066	142.70	2.0600	150.62	10.087	3.4757	18	-0.79	3%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0178	144.35	1.7000	150.62	10.087	3.4757	18	-0.62	2%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0629	144.50	1.0000	150.62	10.087	3.4757	18	-0.61	2%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0646	144.75	0.50000	150.62	10.087	3.4757	18	-0.58	2%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0354	150.94	7.3600	150.62	10.087	3.4757	18	0.03	0%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0505	151.00	8.0000	150.62	10.087	3.4757	18	0.04	0%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	2062	151.46	0.40200	150.62	10.087	3.4757	18	0.08	0%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0939	153.71	0.41000	150.62	10.087	3.4757	18	0.31	1%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0689	154.75	2.1000	150.62	10.087	3.4757	18	0.41	1%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0175	155.00	6.0000	150.62	10.087	3.4757	18	0.43	1%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0208	155.50	9.0000	150.62	10.087	3.4757	18	0.48	2%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0904	156.85	10.370	150.62	10.087	3.4757	18	0.62	2%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0868	163.50	1.0000	150.62	10.087	3.4757	18	1.28	4%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0001	163.90	1.4000	150.62	10.087	3.4757	18	1.32	4%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0590	165.15	5.9000	150.62	10.087	3.4757	18	1.44	5%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0673	142.50	17.000	150.62	10.087	3.4757	18	-0.81	3%	1
028.32	Manganese, AAS, Open vessel (mg / kg (ppm))	0038	142.50	7.0000	146.55	7.0148	5.8333	3	-0.58	1%	0
028.32	Manganese, AAS, Open vessel (mg / kg (ppm))	0609	142.50	5.0000	146.55	7.0148	5.8333	3	-0.58	1%	0
028.32	Manganese, AAS, Open vessel (mg / kg (ppm))	0504	154.65	5.5000	146.55	7.0148	5.8333	3	1.15	3%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
028.33	Manganese, AAS, Microwave (mg / kg (ppm))	0948	132.72	1.3900	136.06	4.7235	1.5800	2	-0.71	1%	0
028.33	Manganese, AAS, Microwave (mg / kg (ppm))	2018	139.40	1.7700	136.06	4.7235	1.5800	2	0.71	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0848	129.32	0.11000	148.01	7.1698	3.6198	29	-2.61	6%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0405	133.00	2.0000	148.01	7.1698	3.6198	29	-2.09	5%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0300	139.00	4.6830	148.01	7.1698	3.6198	29	-1.26	3%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0011	139.56	4.3550	148.01	7.1698	3.6198	29	-1.18	3%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0695	140.45	0.63600	148.01	7.1698	3.6198	29	-1.05	3%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0619	141.50	3.0000	148.01	7.1698	3.6198	29	-0.91	2%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0407	142.84	7.1000	148.01	7.1698	3.6198	29	-0.72	2%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0049	143.45	1.7900	148.01	7.1698	3.6198	29	-0.64	2%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0171	144.00	2.0000	148.01	7.1698	3.6198	29	-0.56	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	2012	144.00	4.0000	148.01	7.1698	3.6198	29	-0.56	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0226	145.50	9.0000	148.01	7.1698	3.6198	29	-0.35	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0074	146.00	2.0000	148.01	7.1698	3.6198	29	-0.28	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0511	146.00	0.00000	148.01	7.1698	3.6198	29	-0.28	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0520	146.50	5.0000	148.01	7.1698	3.6198	29	-0.21	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0164	148.00	2.0000	148.01	7.1698	3.6198	29	0.00	0%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0910	149.00	12.000	148.01	7.1698	3.6198	29	0.14	0%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0148	149.20	0.40000	148.01	7.1698	3.6198	29	0.17	0%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0553	151.00	2.0000	148.01	7.1698	3.6198	29	0.42	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0598	151.40	1.0000	148.01	7.1698	3.6198	29	0.47	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0208	151.70	8.2000	148.01	7.1698	3.6198	29	0.52	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0229	152.00	4.0000	148.01	7.1698	3.6198	29	0.56	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0083	152.50	5.0000	148.01	7.1698	3.6198	29	0.63	2%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0019	153.00	2.0000	148.01	7.1698	3.6198	29	0.70	2%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0098	153.50	0.40000	148.01	7.1698	3.6198	29	0.77	2%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0964	154.63	6.9100	148.01	7.1698	3.6198	29	0.92	2%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0004	157.50	7.0000	148.01	7.1698	3.6198	29	1.32	3%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0358	157.95	6.3900	148.01	7.1698	3.6198	29	1.39	3%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0682	162.47	0.00000	148.01	7.1698	3.6198	29	2.02	5%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0003	172.00	2.0000	148.01	7.1698	3.6198	29	3.35	8%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0555	133.50	7.0000	154.30	12.502	9.7072	18	-1.66	7%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0870	136.70	9.4000	154.30	12.502	9.7072	18	-1.41	6%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0692	137.50	3.0000	154.30	12.502	9.7072	18	-1.34	5%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0413	144.00	2.0000	154.30	12.502	9.7072	18	-0.82	3%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0693	147.50	23.000	154.30	12.502	9.7072	18	-0.54	2%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0186	150.50	9.0000	154.30	12.502	9.7072	18	-0.30	1%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0294	151.13	1.2600	154.30	12.502	9.7072	18	-0.25	1%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0042	152.50	25.000	154.30	12.502	9.7072	18	-0.14	1%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0265	152.50	23.000	154.30	12.502	9.7072	18	-0.14	1%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0035	154.00	13.600	154.30	12.502	9.7072	18	-0.02	0%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0278	159.00	14.000	154.30	12.502	9.7072	18	0.38	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0357	162.00	16.000	154.30	12.502	9.7072	18	0.62	2%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0560	162.90	12.800	154.30	12.502	9.7072	18	0.69	3%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0187	162.93	1.9500	154.30	12.502	9.7072	18	0.69	3%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0202	164.47	1.0200	154.30	12.502	9.7072	18	0.81	3%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0045	165.50	3.0000	154.30	12.502	9.7072	18	0.90	4%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0190	165.65	7.7000	154.30	12.502	9.7072	18	0.91	4%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0726	186.00	2.0000	154.30	12.502	9.7072	18	2.54	10%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0510	123.50	5.0000	152.40	9.3106	8.6839	18	-3.10	9%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0629	134.00	0.00000	152.40	9.3106	8.6839	18	-1.98	6%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0037	143.90	15.000	152.40	9.3106	8.6839	18	-0.91	3%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0968	144.50	3.0000	152.40	9.3106	8.6839	18	-0.85	3%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0345	145.50	1.0000	152.40	9.3106	8.6839	18	-0.74	2%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0675	147.10	1.5800	152.40	9.3106	8.6839	18	-0.57	2%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0017	149.00	24.000	152.40	9.3106	8.6839	18	-0.36	1%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0297	150.00	6.0000	152.40	9.3106	8.6839	18	-0.26	1%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0168	153.30	11.000	152.40	9.3106	8.6839	18	0.10	0%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0425	154.85	0.10000	152.40	9.3106	8.6839	18	0.26	1%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0033	155.00	8.0000	152.40	9.3106	8.6839	18	0.28	1%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0918	156.75	9.2600	152.40	9.3106	8.6839	18	0.47	1%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0098	157.00	5.4000	152.40	9.3106	8.6839	18	0.49	2%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0353	157.30	14.400	152.40	9.3106	8.6839	18	0.53	2%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0038	161.00	14.000	152.40	9.3106	8.6839	18	0.92	3%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0036	161.55	1.9000	152.40	9.3106	8.6839	18	0.98	3%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0008	162.79	15.000	152.40	9.3106	8.6839	18	1.12	3%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0027	169.77	21.670	152.40	9.3106	8.6839	18	1.87	6%	0
028.44	Manganese, ICP, Dry ash (mg / kg (ppm))	2023	138.00	2.0000	161.25	32.880	6.5000	2	-0.71	7%	0
028.44	Manganese, ICP, Dry ash (mg / kg (ppm))	0955	184.50	11.000	161.25	32.880	6.5000	2	0.71	7%	0
028.52	Manganese, ICP-MS, Open vessel (mg / kg (ppm))	0047	131.15	7.1000	146.88	14.273	8.7000	3	-1.10	5%	0
028.52	Manganese, ICP-MS, Open vessel (mg / kg (ppm))	0555	150.50	5.0000	146.88	14.273	8.7000	3	0.25	1%	0
028.52	Manganese, ICP-MS, Open vessel (mg / kg (ppm))	0016	159.00	14.000	146.88	14.273	8.7000	3	0.85	4%	0
028.53	Manganese, ICP-MS, Microwave (mg / kg (ppm))	0572	165.10	5.6000			5.6000	1			
028.99	Manganese, Miscellaneous (mg / kg (ppm))	0242	158.50	1.0000	162.50	5.6569	6.0000	2	-0.71	1%	0
028.99	Manganese, Miscellaneous (mg / kg (ppm))	0100	166.50	11.000	162.50	5.6569	6.0000	2	0.71	1%	0
031.00	Phosphorus, Vol (%)	0895	0.62000	0.00000			0.00000	1			
031.01	Phosphorus, Photometric (%)	0108	0.47000	0.06000	0.60404	0.03058	0.01525	54	-4.38	11%	0
031.01	Phosphorus, Photometric (%)	0623	0.54795	0.00630	0.60404	0.03058	0.01525	54	-1.83	5%	0
031.01	Phosphorus, Photometric (%)	0337	0.55000	0.02000	0.60404	0.03058	0.01525	54	-1.77	4%	0
031.01	Phosphorus, Photometric (%)	0874	0.55150	0.00500	0.60404	0.03058	0.01525	54	-1.72	4%	0
031.01	Phosphorus, Photometric (%)	0885	0.55500	0.01000	0.60404	0.03058	0.01525	54	-1.60	4%	0
031.01	Phosphorus, Photometric (%)	0152	0.56000	0.02000	0.60404	0.03058	0.01525	54	-1.44	4%	0
031.01	Phosphorus, Photometric (%)	0178	0.56900	0.00400	0.60404	0.03058	0.01525	54	-1.15	3%	0
031.01	Phosphorus, Photometric (%)	0646	0.57000	0.00000	0.60404	0.03058	0.01525	54	-1.11	3%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
031.01	Phosphorus, Photometric (%)	2011	0.57000	0.00000	0.60404	0.03058	0.01525	54	-1.11	3%	0
031.01	Phosphorus, Photometric (%)	0904	0.57000	0.10000	0.60404	0.03058	0.01525	54	-1.11	3%	0
031.01	Phosphorus, Photometric (%)	0038	0.57650	0.01300	0.60404	0.03058	0.01525	54	-0.90	2%	0
031.01	Phosphorus, Photometric (%)	0233	0.58000	0.00000	0.60404	0.03058	0.01525	54	-0.79	2%	0
031.01	Phosphorus, Photometric (%)	0552	0.58000	0.02000	0.60404	0.03058	0.01525	54	-0.79	2%	0
031.01	Phosphorus, Photometric (%)	0884	0.58000	0.04000	0.60404	0.03058	0.01525	54	-0.79	2%	0
031.01	Phosphorus, Photometric (%)	0175	0.58500	0.01000	0.60404	0.03058	0.01525	54	-0.62	2%	0
031.01	Phosphorus, Photometric (%)	0354	0.58500	0.01000	0.60404	0.03058	0.01525	54	-0.62	2%	0
031.01	Phosphorus, Photometric (%)	0511	0.58500	0.03000	0.60404	0.03058	0.01525	54	-0.62	2%	0
031.01	Phosphorus, Photometric (%)	0937	0.59000	0.00000	0.60404	0.03058	0.01525	54	-0.46	1%	0
031.01	Phosphorus, Photometric (%)	0620	0.59145	0.00350	0.60404	0.03058	0.01525	54	-0.41	1%	0
031.01	Phosphorus, Photometric (%)	2018	0.59500	0.03000	0.60404	0.03058	0.01525	54	-0.30	1%	0
031.01	Phosphorus, Photometric (%)	0674	0.60000	0.00000	0.60404	0.03058	0.01525	54	-0.13	0%	0
031.01	Phosphorus, Photometric (%)	0689	0.60000	0.02000	0.60404	0.03058	0.01525	54	-0.13	0%	0
031.01	Phosphorus, Photometric (%)	0563	0.60065	0.00690	0.60404	0.03058	0.01525	54	-0.11	0%	0
031.01	Phosphorus, Photometric (%)	0016	0.60250	0.00700	0.60404	0.03058	0.01525	54	-0.05	0%	0
031.01	Phosphorus, Photometric (%)	0849	0.60400	0.00800	0.60404	0.03058	0.01525	54	0.00	0%	0
031.01	Phosphorus, Photometric (%)	0066	0.60500	0.01000	0.60404	0.03058	0.01525	54	0.03	0%	0
031.01	Phosphorus, Photometric (%)	0897	0.60500	0.01000	0.60404	0.03058	0.01525	54	0.03	0%	0
031.01	Phosphorus, Photometric (%)	0208	0.60610	0.04460	0.60404	0.03058	0.01525	54	0.07	0%	0
031.01	Phosphorus, Photometric (%)	2065	0.60850	0.00300	0.60404	0.03058	0.01525	54	0.15	0%	0
031.01	Phosphorus, Photometric (%)	0728	0.61000	0.00000	0.60404	0.03058	0.01525	54	0.19	0%	0
031.01	Phosphorus, Photometric (%)	2080	0.61000	0.04000	0.60404	0.03058	0.01525	54	0.19	0%	0
031.01	Phosphorus, Photometric (%)	0651	0.61250	0.00300	0.60404	0.03058	0.01525	54	0.28	1%	0
031.01	Phosphorus, Photometric (%)	0629	0.61500	0.01000	0.60404	0.03058	0.01525	54	0.36	1%	0
031.01	Phosphorus, Photometric (%)	0687	0.61500	0.03000	0.60404	0.03058	0.01525	54	0.36	1%	0
031.01	Phosphorus, Photometric (%)	0878	0.61500	0.01000	0.60404	0.03058	0.01525	54	0.36	1%	0
031.01	Phosphorus, Photometric (%)	0868	0.61600	0.00600	0.60404	0.03058	0.01525	54	0.39	1%	0
031.01	Phosphorus, Photometric (%)	0903	0.62000	0.00000	0.60404	0.03058	0.01525	54	0.52	1%	0
031.01	Phosphorus, Photometric (%)	0939	0.62000	0.02000	0.60404	0.03058	0.01525	54	0.52	1%	0
031.01	Phosphorus, Photometric (%)	0948	0.62000	0.04000	0.60404	0.03058	0.01525	54	0.52	1%	0
031.01	Phosphorus, Photometric (%)	2022	0.62000	0.00000	0.60404	0.03058	0.01525	54	0.52	1%	0
031.01	Phosphorus, Photometric (%)	2042	0.62000	0.00000	0.60404	0.03058	0.01525	54	0.52	1%	0
031.01	Phosphorus, Photometric (%)	2062	0.62450	0.01700	0.60404	0.03058	0.01525	54	0.67	2%	0
031.01	Phosphorus, Photometric (%)	0683	0.62500	0.01000	0.60404	0.03058	0.01525	54	0.69	2%	0
031.01	Phosphorus, Photometric (%)	2063	0.62500	0.01000	0.60404	0.03058	0.01525	54	0.69	2%	0
031.01	Phosphorus, Photometric (%)	0142	0.63000	0.00000	0.60404	0.03058	0.01525	54	0.85	2%	0
031.01	Phosphorus, Photometric (%)	0723	0.63060	0.00000	0.60404	0.03058	0.01525	54	0.87	2%	0
031.01	Phosphorus, Photometric (%)	0940	0.63500	0.03000	0.60404	0.03058	0.01525	54	1.01	3%	0
031.01	Phosphorus, Photometric (%)	0650	0.64000	0.04000	0.60404	0.03058	0.01525	54	1.18	3%	0
031.01	Phosphorus, Photometric (%)	0951	0.64000	0.00000	0.60404	0.03058	0.01525	54	1.18	3%	0
031.01	Phosphorus, Photometric (%)	0893	0.65500	0.01000	0.60404	0.03058	0.01525	54	1.67	4%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
031.01	Phosphorus, Photometric (%)	2006	0.65650	0.01700	0.60404	0.03058	0.01525	54	1.72	4%	0
031.01	Phosphorus, Photometric (%)	0609	0.67500	0.01000	0.60404	0.03058	0.01525	54	2.32	6%	0
031.01	Phosphorus, Photometric (%)	0946	0.80270	0.00900	0.60404	0.03058	0.01525	54	6.50	16%	0
031.01	Phosphorus, Photometric (%)	0194	1.0700	0.02000	0.60404	0.03058	0.01525	54	15.24	39%	0
031.01	Phosphorus, Photometric (%)	0626	5.0000	0.26000	0.60404	0.03058	0.01525	54	143.76	364%	2
031.02	Phosphorus, GQMP (AOAC 935.13-Extraction) (%)	0011	0.59775	0.00370	0.60925	0.01411	0.00790	3	-0.81	1%	0
031.02	Phosphorus, GQMP (AOAC 935.13-Extraction) (%)	2053	0.60500	0.01000	0.60925	0.01411	0.00790	3	-0.30	0%	0
031.02	Phosphorus, GQMP (AOAC 935.13-Extraction) (%)	0505	0.62500	0.01000	0.60925	0.01411	0.00790	3	1.12	1%	0
031.03	Phosphorus, Autoanalyzer (%)	0169	0.59000	0.00000	59.539	131.79	117.89	5	-0.45	50%	0
031.03	Phosphorus, Autoanalyzer (%)	0047	0.60000	0.00000	59.539	131.79	117.89	5	-0.45	49%	0
031.03	Phosphorus, Autoanalyzer (%)	0504	0.60000	0.02000	59.539	131.79	117.89	5	-0.45	49%	0
031.03	Phosphorus, Autoanalyzer (%)	0036	0.61065	0.00110	59.539	131.79	117.89	5	-0.45	49%	0
031.03	Phosphorus, Autoanalyzer (%)	0001	295.30	589.41	59.539	131.79	117.89	5	1.79	198%	0
031.06	Phosphorus, Hach Method (%)	0536	0.55000	0.04000	0.58900	0.05515	0.02400	2	-0.71	3%	0
031.06	Phosphorus, Hach Method (%)	0138	0.62800	0.00800	0.58900	0.05515	0.02400	2	0.71	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0089	0.54000	0.00000	0.60275	0.02541	0.01265	33	-2.47	5%	0
031.41	Phosphorus, ICP, Dry ash (%)	0619	0.54600	0.01200	0.60275	0.02541	0.01265	33	-2.23	5%	0
031.41	Phosphorus, ICP, Dry ash (%)	0520	0.55400	0.02400	0.60275	0.02541	0.01265	33	-1.92	4%	0
031.41	Phosphorus, ICP, Dry ash (%)	0144	0.55500	0.03000	0.60275	0.02541	0.01265	33	-1.88	4%	0
031.41	Phosphorus, ICP, Dry ash (%)	0910	0.55500	0.05000	0.60275	0.02541	0.01265	33	-1.88	4%	0
031.41	Phosphorus, ICP, Dry ash (%)	0049	0.58000	0.02000	0.60275	0.02541	0.01265	33	-0.90	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0148	0.58300	0.00200	0.60275	0.02541	0.01265	33	-0.78	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0300	0.58450	0.00300	0.60275	0.02541	0.01265	33	-0.72	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0019	0.58500	0.01000	0.60275	0.02541	0.01265	33	-0.70	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0695	0.58850	0.00300	0.60275	0.02541	0.01265	33	-0.56	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0553	0.58900	0.03200	0.60275	0.02541	0.01265	33	-0.54	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0298	0.59000	0.02000	0.60275	0.02541	0.01265	33	-0.50	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0407	0.59500	0.00200	0.60275	0.02541	0.01265	33	-0.31	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0139	0.59750	0.00700	0.60275	0.02541	0.01265	33	-0.21	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0011	0.59890	0.00080	0.60275	0.02541	0.01265	33	-0.15	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0413	0.60000	0.02000	0.60275	0.02541	0.01265	33	-0.11	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0098	0.60500	0.01000	0.60275	0.02541	0.01265	33	0.09	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0171	0.60500	0.03000	0.60275	0.02541	0.01265	33	0.09	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0358	0.60500	0.03000	0.60275	0.02541	0.01265	33	0.09	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	2012	0.60500	0.01000	0.60275	0.02541	0.01265	33	0.09	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0964	0.61010	0.00140	0.60275	0.02541	0.01265	33	0.29	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0123	0.61500	0.01000	0.60275	0.02541	0.01265	33	0.48	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0229	0.61500	0.01000	0.60275	0.02541	0.01265	33	0.48	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0074	0.62000	0.00000	0.60275	0.02541	0.01265	33	0.68	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0083	0.62000	0.02000	0.60275	0.02541	0.01265	33	0.68	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0164	0.62000	0.00000	0.60275	0.02541	0.01265	33	0.68	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0848	0.62000	0.00000	0.60275	0.02541	0.01265	33	0.68	1%	0



Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
031.41	Phosphorus, ICP, Dry ash (%)	0004	0.62500	0.03000	0.60275	0.02541	0.01265	33	0.88	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0226	0.62500	0.01000	0.60275	0.02541	0.01265	33	0.88	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0682	0.65000	0.00000	0.60275	0.02541	0.01265	33	1.86	4%	0
031.41	Phosphorus, ICP, Dry ash (%)	0598	0.66605	0.00510	0.60275	0.02541	0.01265	33	2.49	5%	0
031.41	Phosphorus, ICP, Dry ash (%)	0208	0.66970	0.00500	0.60275	0.02541	0.01265	33	2.64	6%	0
031.41	Phosphorus, ICP, Dry ash (%)	0405	0.70500	0.01000	0.60275	0.02541	0.01265	33	4.02	8%	0
031.41	Phosphorus, ICP, Dry ash (%)	0003	0.62500	0.07000	0.60275	0.02541	0.01265	33	0.88	2%	1
031.42	Phosphorus, ICP, Open vessel (%)	0870	0.55490	0.01340	0.60570	0.02476	0.01117	19	-2.05	4%	0
031.42	Phosphorus, ICP, Open vessel (%)	0042	0.56200	0.01200	0.60570	0.02476	0.01117	19	-1.77	4%	0
031.42	Phosphorus, ICP, Open vessel (%)	0692	0.57000	0.02000	0.60570	0.02476	0.01117	19	-1.44	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	0035	0.57860	0.00060	0.60570	0.02476	0.01117	19	-1.09	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0187	0.58510	0.00100	0.60570	0.02476	0.01117	19	-0.83	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0504	0.58750	0.00700	0.60570	0.02476	0.01117	19	-0.74	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0294	0.59000	0.00000	0.60570	0.02476	0.01117	19	-0.63	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0045	0.59800	0.00400	0.60570	0.02476	0.01117	19	-0.31	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0278	0.60500	0.03000	0.60570	0.02476	0.01117	19	-0.03	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0357	0.61000	0.00000	0.60570	0.02476	0.01117	19	0.17	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0265	0.61500	0.03000	0.60570	0.02476	0.01117	19	0.38	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0693	0.61500	0.01000	0.60570	0.02476	0.01117	19	0.38	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0202	0.62000	0.00000	0.60570	0.02476	0.01117	19	0.58	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0205	0.62050	0.03100	0.60570	0.02476	0.01117	19	0.60	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0560	0.62115	0.03030	0.60570	0.02476	0.01117	19	0.62	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0014	0.62200	0.00600	0.60570	0.02476	0.01117	19	0.66	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0190	0.62500	0.01000	0.60570	0.02476	0.01117	19	0.78	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0726	0.64280	0.00400	0.60570	0.02476	0.01117	19	1.50	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	0186	0.69450	0.00300	0.60570	0.02476	0.01117	19	3.59	7%	0
031.42	Phosphorus, ICP, Open vessel (%)	0555	0.52500	0.11000	0.60570	0.02476	0.01117	19	-3.26	7%	1
031.43	Phosphorus, ICP, Microwave (%)	0510	0.55000	0.02000	0.60268	0.01949	0.01452	20	-2.70	4%	0
031.43	Phosphorus, ICP, Microwave (%)	0353	0.57500	0.03000	0.60268	0.01949	0.01452	20	-1.42	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0017	0.58000	0.02000	0.60268	0.01949	0.01452	20	-1.16	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0297	0.58000	0.02000	0.60268	0.01949	0.01452	20	-1.16	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0033	0.58500	0.01000	0.60268	0.01949	0.01452	20	-0.91	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0629	0.59000	0.00000	0.60268	0.01949	0.01452	20	-0.65	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0968	0.59350	0.00300	0.60268	0.01949	0.01452	20	-0.47	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0918	0.59500	0.03600	0.60268	0.01949	0.01452	20	-0.39	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0038	0.60000	0.00600	0.60268	0.01949	0.01452	20	-0.14	0%	0
031.43	Phosphorus, ICP, Microwave (%)	2023	0.60300	0.01400	0.60268	0.01949	0.01452	20	0.02	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0345	0.60650	0.00100	0.60268	0.01949	0.01452	20	0.20	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0027	0.60950	0.01100	0.60268	0.01949	0.01452	20	0.35	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0037	0.61000	0.02000	0.60268	0.01949	0.01452	20	0.38	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0036	0.61355	0.01150	0.60268	0.01949	0.01452	20	0.56	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0425	0.61500	0.03000	0.60268	0.01949	0.01452	20	0.63	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
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031.43	Phosphorus, ICP, Microwave (%)	0675	0.61500	0.01000	0.60268	0.01949	0.01452	20	0.63	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0008	0.61750	0.00300	0.60268	0.01949	0.01452	20	0.76	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0168	0.62105	0.01890	0.60268	0.01949	0.01452	20	0.94	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0006	0.64100	0.00600	0.60268	0.01949	0.01452	20	1.97	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0098	0.67000	0.02000	0.60268	0.01949	0.01452	20	3.45	6%	0
031.44	Phosphorus, ICP, Dry ash (%)	0955	0.55350	0.05900			0.05900	1			
031.52	Phosphorus, ICP-MS, Open vessel (%)	0154	0.54010	0.02440			0.02440	1			
031.53	Phosphorus, ICP-MS, Microwave (%)	0572	0.63060	0.00420			0.00420	1			
031.99	Phosphorus, Miscellaneous (%)	0889	0.44500	0.03000	0.56457	0.04171	0.02714	7	-2.87	11%	0
031.99	Phosphorus, Miscellaneous (%)	0590	0.55000	0.08000	0.56457	0.04171	0.02714	7	-0.35	1%	0
031.99	Phosphorus, Miscellaneous (%)	0676	0.55000	0.00000	0.56457	0.04171	0.02714	7	-0.35	1%	0
031.99	Phosphorus, Miscellaneous (%)	0852	0.55500	0.01000	0.56457	0.04171	0.02714	7	-0.23	1%	0
031.99	Phosphorus, Miscellaneous (%)	0100	0.58500	0.01000	0.56457	0.04171	0.02714	7	0.49	2%	0
031.99	Phosphorus, Miscellaneous (%)	0242	0.60500	0.03000	0.56457	0.04171	0.02714	7	0.97	4%	0
031.99	Phosphorus, Miscellaneous (%)	0673	0.60500	0.03000	0.56457	0.04171	0.02714	7	0.97	4%	0
032.02	Potassium, Flame Emission (%)	0590	0.84500	0.01000	0.85833	0.01258	0.02333	3	-1.06	1%	0
032.02	Potassium, Flame Emission (%)	0066	0.86000	0.04000	0.85833	0.01258	0.02333	3	0.13	0%	0
032.02	Potassium, Flame Emission (%)	0504	0.87000	0.02000	0.85833	0.01258	0.02333	3	0.93	1%	0
032.08	Potassium, Ion-selective electrode (%)	2006	0.88450	0.03500			0.03500	1			
032.31	Potassium, AAS, Dry ash (%)	0874	0.34070	0.04660	0.90105	0.06163	0.02034	22	-9.09	31%	0
032.31	Potassium, AAS, Dry ash (%)	0646	0.62000	0.02000	0.90105	0.06163	0.02034	22	-4.56	16%	0
032.31	Potassium, AAS, Dry ash (%)	0689	0.70000	0.00000	0.90105	0.06163	0.02034	22	-3.26	11%	0
032.31	Potassium, AAS, Dry ash (%)	0683	0.79500	0.03000	0.90105	0.06163	0.02034	22	-1.72	6%	0
032.31	Potassium, AAS, Dry ash (%)	2018	0.84000	0.02000	0.90105	0.06163	0.02034	22	-0.99	3%	0
032.31	Potassium, AAS, Dry ash (%)	0354	0.86500	0.01000	0.90105	0.06163	0.02034	22	-0.58	2%	0
032.31	Potassium, AAS, Dry ash (%)	0142	0.87200	0.01800	0.90105	0.06163	0.02034	22	-0.47	2%	0
032.31	Potassium, AAS, Dry ash (%)	0505	0.88500	0.01000	0.90105	0.06163	0.02034	22	-0.26	1%	0
032.31	Potassium, AAS, Dry ash (%)	0175	0.89000	0.02000	0.90105	0.06163	0.02034	22	-0.18	1%	0
032.31	Potassium, AAS, Dry ash (%)	0629	0.90500	0.01000	0.90105	0.06163	0.02034	22	0.06	0%	0
032.31	Potassium, AAS, Dry ash (%)	0904	0.91000	0.10000	0.90105	0.06163	0.02034	22	0.15	0%	0
032.31	Potassium, AAS, Dry ash (%)	0650	0.91000	0.02000	0.90105	0.06163	0.02034	22	0.15	0%	0
032.31	Potassium, AAS, Dry ash (%)	0673	0.91500	0.05000	0.90105	0.06163	0.02034	22	0.23	1%	0
032.31	Potassium, AAS, Dry ash (%)	2022	0.91550	0.00500	0.90105	0.06163	0.02034	22	0.23	1%	0
032.31	Potassium, AAS, Dry ash (%)	0868	0.92550	0.00300	0.90105	0.06163	0.02034	22	0.40	1%	0
032.31	Potassium, AAS, Dry ash (%)	0038	0.92750	0.01100	0.90105	0.06163	0.02034	22	0.43	1%	0
032.31	Potassium, AAS, Dry ash (%)	2053	0.94500	0.01000	0.90105	0.06163	0.02034	22	0.71	2%	0
032.31	Potassium, AAS, Dry ash (%)	0208	0.95750	0.03100	0.90105	0.06163	0.02034	22	0.92	3%	0
032.31	Potassium, AAS, Dry ash (%)	0948	0.96000	0.02000	0.90105	0.06163	0.02034	22	0.96	3%	0
032.31	Potassium, AAS, Dry ash (%)	0563	0.96590	0.00080	0.90105	0.06163	0.02034	22	1.05	4%	0
032.31	Potassium, AAS, Dry ash (%)	0939	0.97000	0.00000	0.90105	0.06163	0.02034	22	1.12	4%	0
032.31	Potassium, AAS, Dry ash (%)	0178	1.0040	0.01200	0.90105	0.06163	0.02034	22	1.67	6%	0
032.31	Potassium, AAS, Dry ash (%)	0921	0.83970	0.42100	0.90105	0.06163	0.02034	22	-1.00	3%	1

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
032.32	Potassium, AAS, Open vessel (%)	0609	0.87500	0.01000			0.01000	1			
032.41	Potassium, ICP, Dry ash (%)	0619	0.82700	0.00800	0.90894	0.03527	0.02153	29	-2.32	5%	0
032.41	Potassium, ICP, Dry ash (%)	2012	0.84000	0.00000	0.90894	0.03527	0.02153	29	-1.95	4%	0
032.41	Potassium, ICP, Dry ash (%)	0144	0.85500	0.05000	0.90894	0.03527	0.02153	29	-1.53	3%	0
032.41	Potassium, ICP, Dry ash (%)	0049	0.86000	0.02000	0.90894	0.03527	0.02153	29	-1.39	3%	0
032.41	Potassium, ICP, Dry ash (%)	0011	0.87915	0.00570	0.90894	0.03527	0.02153	29	-0.84	2%	0
032.41	Potassium, ICP, Dry ash (%)	0520	0.88000	0.03600	0.90894	0.03527	0.02153	29	-0.82	2%	0
032.41	Potassium, ICP, Dry ash (%)	0300	0.88800	0.04800	0.90894	0.03527	0.02153	29	-0.59	1%	0
032.41	Potassium, ICP, Dry ash (%)	0229	0.89000	0.02000	0.90894	0.03527	0.02153	29	-0.54	1%	0
032.41	Potassium, ICP, Dry ash (%)	0910	0.89000	0.06000	0.90894	0.03527	0.02153	29	-0.54	1%	0
032.41	Potassium, ICP, Dry ash (%)	0964	0.89225	0.00210	0.90894	0.03527	0.02153	29	-0.47	1%	0
032.41	Potassium, ICP, Dry ash (%)	0148	0.89450	0.00100	0.90894	0.03527	0.02153	29	-0.41	1%	0
032.41	Potassium, ICP, Dry ash (%)	0003	0.89500	0.01000	0.90894	0.03527	0.02153	29	-0.40	1%	0
032.41	Potassium, ICP, Dry ash (%)	0171	0.89500	0.01000	0.90894	0.03527	0.02153	29	-0.40	1%	0
032.41	Potassium, ICP, Dry ash (%)	0098	0.90500	0.03000	0.90894	0.03527	0.02153	29	-0.11	0%	0
032.41	Potassium, ICP, Dry ash (%)	0413	0.91000	0.00000	0.90894	0.03527	0.02153	29	0.03	0%	0
032.41	Potassium, ICP, Dry ash (%)	0407	0.91450	0.00500	0.90894	0.03527	0.02153	29	0.16	0%	0
032.41	Potassium, ICP, Dry ash (%)	0004	0.91500	0.03000	0.90894	0.03527	0.02153	29	0.17	0%	0
032.41	Potassium, ICP, Dry ash (%)	0074	0.91500	0.01000	0.90894	0.03527	0.02153	29	0.17	0%	0
032.41	Potassium, ICP, Dry ash (%)	0083	0.91500	0.01000	0.90894	0.03527	0.02153	29	0.17	0%	0
032.41	Potassium, ICP, Dry ash (%)	0164	0.92000	0.00000	0.90894	0.03527	0.02153	29	0.31	1%	0
032.41	Potassium, ICP, Dry ash (%)	0358	0.92500	0.03000	0.90894	0.03527	0.02153	29	0.46	1%	0
032.41	Potassium, ICP, Dry ash (%)	0208	0.93330	0.06760	0.90894	0.03527	0.02153	29	0.69	1%	0
032.41	Potassium, ICP, Dry ash (%)	0139	0.93550	0.01100	0.90894	0.03527	0.02153	29	0.75	1%	0
032.41	Potassium, ICP, Dry ash (%)	0598	0.94455	0.01290	0.90894	0.03527	0.02153	29	1.01	2%	0
032.41	Potassium, ICP, Dry ash (%)	0553	0.94500	0.04600	0.90894	0.03527	0.02153	29	1.02	2%	0
032.41	Potassium, ICP, Dry ash (%)	0695	0.95650	0.00100	0.90894	0.03527	0.02153	29	1.35	3%	0
032.41	Potassium, ICP, Dry ash (%)	0226	0.96000	0.06000	0.90894	0.03527	0.02153	29	1.45	3%	0
032.41	Potassium, ICP, Dry ash (%)	0682	0.97000	0.00000	0.90894	0.03527	0.02153	29	1.73	3%	0
032.41	Potassium, ICP, Dry ash (%)	0405	0.98000	0.04000	0.90894	0.03527	0.02153	29	2.01	4%	0
032.41	Potassium, ICP, Dry ash (%)	0511	0.89500	0.11000	0.90894	0.03527	0.02153	29	-0.40	1%	1
032.42	Potassium, ICP, Open vessel (%)	0035	0.83645	0.00870	0.92875	0.04442	0.02724	18	-2.08	5%	0
032.42	Potassium, ICP, Open vessel (%)	0294	0.87500	0.01000	0.92875	0.04442	0.02724	18	-1.21	3%	0
032.42	Potassium, ICP, Open vessel (%)	0692	0.87500	0.05000	0.92875	0.04442	0.02724	18	-1.21	3%	0
032.42	Potassium, ICP, Open vessel (%)	0278	0.89000	0.02000	0.92875	0.04442	0.02724	18	-0.87	2%	0
032.42	Potassium, ICP, Open vessel (%)	0357	0.90000	0.02000	0.92875	0.04442	0.02724	18	-0.65	2%	0
032.42	Potassium, ICP, Open vessel (%)	0045	0.90400	0.05800	0.92875	0.04442	0.02724	18	-0.56	1%	0
032.42	Potassium, ICP, Open vessel (%)	0504	0.91450	0.00300	0.92875	0.04442	0.02724	18	-0.32	1%	0
032.42	Potassium, ICP, Open vessel (%)	0186	0.92000	0.02000	0.92875	0.04442	0.02724	18	-0.20	0%	0
032.42	Potassium, ICP, Open vessel (%)	0870	0.92205	0.05710	0.92875	0.04442	0.02724	18	-0.15	0%	0
032.42	Potassium, ICP, Open vessel (%)	0205	0.93050	0.01700	0.92875	0.04442	0.02724	18	0.04	0%	0
032.42	Potassium, ICP, Open vessel (%)	0202	0.94500	0.01000	0.92875	0.04442	0.02724	18	0.37	1%	0

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032.42	Potassium, ICP, Open vessel (%)	0693	0.95000	0.02000	0.92875	0.04442	0.02724	18	0.48	1%	0
032.42	Potassium, ICP, Open vessel (%)	0187	0.95320	0.00260	0.92875	0.04442	0.02724	18	0.55	1%	0
032.42	Potassium, ICP, Open vessel (%)	0726	0.95985	0.01550	0.92875	0.04442	0.02724	18	0.70	2%	0
032.42	Potassium, ICP, Open vessel (%)	0042	0.97200	0.09600	0.92875	0.04442	0.02724	18	0.97	2%	0
032.42	Potassium, ICP, Open vessel (%)	0265	0.97500	0.05000	0.92875	0.04442	0.02724	18	1.04	2%	0
032.42	Potassium, ICP, Open vessel (%)	0560	0.97930	0.01240	0.92875	0.04442	0.02724	18	1.14	3%	0
032.42	Potassium, ICP, Open vessel (%)	0190	0.99000	0.02000	0.92875	0.04442	0.02724	18	1.38	3%	0
032.42	Potassium, ICP, Open vessel (%)	0555	0.82500	0.17000	0.92875	0.04442	0.02724	18	-2.34	6%	1
032.43	Potassium, ICP, Microwave (%)	0629	0.70000	0.00000	0.90140	0.06120	0.01968	16	-3.29	11%	0
032.43	Potassium, ICP, Microwave (%)	0168	0.82245	0.02390	0.90140	0.06120	0.01968	16	-1.29	4%	0
032.43	Potassium, ICP, Microwave (%)	0510	0.82500	0.01000	0.90140	0.06120	0.01968	16	-1.25	4%	0
032.43	Potassium, ICP, Microwave (%)	0297	0.86500	0.01000	0.90140	0.06120	0.01968	16	-0.59	2%	0
032.43	Potassium, ICP, Microwave (%)	0918	0.86950	0.00300	0.90140	0.06120	0.01968	16	-0.52	2%	0
032.43	Potassium, ICP, Microwave (%)	0353	0.87500	0.03000	0.90140	0.06120	0.01968	16	-0.43	1%	0
032.43	Potassium, ICP, Microwave (%)	0968	0.88300	0.00200	0.90140	0.06120	0.01968	16	-0.30	1%	0
032.43	Potassium, ICP, Microwave (%)	0345	0.88600	0.00400	0.90140	0.06120	0.01968	16	-0.25	1%	0
032.43	Potassium, ICP, Microwave (%)	0038	0.91950	0.06700	0.90140	0.06120	0.01968	16	0.30	1%	0
032.43	Potassium, ICP, Microwave (%)	0008	0.92400	0.00600	0.90140	0.06120	0.01968	16	0.37	1%	0
032.43	Potassium, ICP, Microwave (%)	0027	0.93000	0.02400	0.90140	0.06120	0.01968	16	0.47	2%	0
032.43	Potassium, ICP, Microwave (%)	2023	0.94250	0.01500	0.90140	0.06120	0.01968	16	0.67	2%	0
032.43	Potassium, ICP, Microwave (%)	0425	0.95500	0.03000	0.90140	0.06120	0.01968	16	0.88	3%	0
032.43	Potassium, ICP, Microwave (%)	0037	0.95500	0.05000	0.90140	0.06120	0.01968	16	0.88	3%	0
032.43	Potassium, ICP, Microwave (%)	0098	0.96500	0.01000	0.90140	0.06120	0.01968	16	1.04	4%	0
032.43	Potassium, ICP, Microwave (%)	0675	1.0350	0.03000	0.90140	0.06120	0.01968	16	2.18	7%	0
032.52	Potassium, ICP-MS, Open vessel (%)	0154	0.84445	0.03510			0.03510	1			
032.53	Potassium, ICP-MS, Microwave (%)	0572	0.96980	0.07540			0.07540	1			
032.99	Potassium, Miscellaneous (%)	0889	0.73000	0.02000	0.85167	0.11558	0.01667	3	-1.05	7%	0
032.99	Potassium, Miscellaneous (%)	0100	0.86500	0.03000	0.85167	0.11558	0.01667	3	0.12	1%	0
032.99	Potassium, Miscellaneous (%)	0242	0.96000	0.00000	0.85167	0.11558	0.01667	3	0.94	6%	0
033.00	Salt as chloride, Soluble Cl (%)	0045	0.33800	0.00200	0.54483	0.05221	0.01111	26	-3.96	19%	0
033.00	Salt as chloride, Soluble Cl (%)	2022	0.33850	0.00100	0.54483	0.05221	0.01111	26	-3.95	19%	0
033.00	Salt as chloride, Soluble Cl (%)	0893	0.46000	0.00000	0.54483	0.05221	0.01111	26	-1.62	8%	0
033.00	Salt as chloride, Soluble Cl (%)	2012	0.49500	0.01000	0.54483	0.05221	0.01111	26	-0.95	5%	0
033.00	Salt as chloride, Soluble Cl (%)	0504	0.50000	0.00000	0.54483	0.05221	0.01111	26	-0.86	4%	0
033.00	Salt as chloride, Soluble Cl (%)	0539	0.50500	0.03000	0.54483	0.05221	0.01111	26	-0.76	4%	0
033.00	Salt as chloride, Soluble Cl (%)	2006	0.50500	0.01000	0.54483	0.05221	0.01111	26	-0.76	4%	0
033.00	Salt as chloride, Soluble Cl (%)	0897	0.51500	0.01000	0.54483	0.05221	0.01111	26	-0.57	3%	0
033.00	Salt as chloride, Soluble Cl (%)	0878	0.52000	0.04000	0.54483	0.05221	0.01111	26	-0.48	2%	0
033.00	Salt as chloride, Soluble Cl (%)	2042	0.52000	0.00000	0.54483	0.05221	0.01111	26	-0.48	2%	0
033.00	Salt as chloride, Soluble Cl (%)	0016	0.52900	0.01800	0.54483	0.05221	0.01111	26	-0.30	1%	0
033.00	Salt as chloride, Soluble Cl (%)	0674	0.53500	0.01000	0.54483	0.05221	0.01111	26	-0.19	1%	0
033.00	Salt as chloride, Soluble Cl (%)	0723	0.54000	0.00000	0.54483	0.05221	0.01111	26	-0.09	0%	0

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033.00	Salt as chloride, Soluble Cl (%)	0298	0.55000	0.02000	0.54483	0.05221	0.01111	26	0.10	0%	0
033.00	Salt as chloride, Soluble Cl (%)	0884	0.55000	0.00000	0.54483	0.05221	0.01111	26	0.10	0%	0
033.00	Salt as chloride, Soluble Cl (%)	2062	0.56035	0.02010	0.54483	0.05221	0.01111	26	0.30	1%	0
033.00	Salt as chloride, Soluble Cl (%)	2065	0.56500	0.00400	0.54483	0.05221	0.01111	26	0.39	2%	0
033.00	Salt as chloride, Soluble Cl (%)	0511	0.57000	0.02000	0.54483	0.05221	0.01111	26	0.48	2%	0
033.00	Salt as chloride, Soluble Cl (%)	0309	0.57130	0.00380	0.54483	0.05221	0.01111	26	0.51	2%	0
033.00	Salt as chloride, Soluble Cl (%)	0895	0.57500	0.01000	0.54483	0.05221	0.01111	26	0.58	3%	0
033.00	Salt as chloride, Soluble Cl (%)	0683	0.58000	0.02000	0.54483	0.05221	0.01111	26	0.67	3%	0
033.00	Salt as chloride, Soluble Cl (%)	0169	0.60000	0.02000	0.54483	0.05221	0.01111	26	1.06	5%	0
033.00	Salt as chloride, Soluble Cl (%)	0885	0.61000	0.00000	0.54483	0.05221	0.01111	26	1.25	6%	0
033.00	Salt as chloride, Soluble Cl (%)	0903	0.63500	0.01000	0.54483	0.05221	0.01111	26	1.73	8%	0
033.00	Salt as chloride, Soluble Cl (%)	0675	0.65500	0.01000	0.54483	0.05221	0.01111	26	2.11	10%	0
033.00	Salt as chloride, Soluble Cl (%)	0353	0.66000	0.02000	0.54483	0.05221	0.01111	26	2.21	11%	0
033.00	Salt as chloride, Soluble Cl (%)	0693	0.45500	0.15000	0.54483	0.05221	0.01111	26	-1.72	8%	1
033.00	Salt as chloride, Soluble Cl (%)	2063	0.58000	0.20000	0.54483	0.05221	0.01111	26	0.67	3%	1
033.01	Salt as chloride, Potentiometric Cl (%)	0937	0.48000	0.00000	0.59742	0.01541	0.00808	36	-7.62	10%	0
033.01	Salt as chloride, Potentiometric Cl (%)	0083	0.55500	0.03000	0.59742	0.01541	0.00808	36	-2.75	4%	0
033.01	Salt as chloride, Potentiometric Cl (%)	0629	0.56000	0.00000	0.59742	0.01541	0.00808	36	-2.43	3%	0
033.01	Salt as chloride, Potentiometric Cl (%)	2006	0.56150	0.00500	0.59742	0.01541	0.00808	36	-2.33	3%	0
033.01	Salt as chloride, Potentiometric Cl (%)	0194	0.57000	0.00000	0.59742	0.01541	0.00808	36	-1.78	2%	0
033.01	Salt as chloride, Potentiometric Cl (%)	0910	0.57500	0.01000	0.59742	0.01541	0.00808	36	-1.45	2%	0
033.01	Salt as chloride, Potentiometric Cl (%)	0178	0.58500	0.01600	0.59742	0.01541	0.00808	36	-0.81	1%	0
033.01	Salt as chloride, Potentiometric Cl (%)	0948	0.58500	0.03000	0.59742	0.01541	0.00808	36	-0.81	1%	0
033.01	Salt as chloride, Potentiometric Cl (%)	0148	0.58850	0.00900	0.59742	0.01541	0.00808	36	-0.58	1%	0
033.01	Salt as chloride, Potentiometric Cl (%)	0407	0.58850	0.00500	0.59742	0.01541	0.00808	36	-0.58	1%	0
033.01	Salt as chloride, Potentiometric Cl (%)	0001	0.59000	0.00000	0.59742	0.01541	0.00808	36	-0.48	1%	0
033.01	Salt as chloride, Potentiometric Cl (%)	0004	0.59000	0.02000	0.59742	0.01541	0.00808	36	-0.48	1%	0
033.01	Salt as chloride, Potentiometric Cl (%)	0226	0.59000	0.00000	0.59742	0.01541	0.00808	36	-0.48	1%	0
033.01	Salt as chloride, Potentiometric Cl (%)	0682	0.59000	0.00000	0.59742	0.01541	0.00808	36	-0.48	1%	0
033.01	Salt as chloride, Potentiometric Cl (%)	0939	0.59000	0.02000	0.59742	0.01541	0.00808	36	-0.48	1%	0
033.01	Salt as chloride, Potentiometric Cl (%)	0098	0.59500	0.01000	0.59742	0.01541	0.00808	36	-0.16	0%	0
033.01	Salt as chloride, Potentiometric Cl (%)	0175	0.59500	0.01000	0.59742	0.01541	0.00808	36	-0.16	0%	0
033.01	Salt as chloride, Potentiometric Cl (%)	0229	0.59500	0.01000	0.59742	0.01541	0.00808	36	-0.16	0%	0
033.01	Salt as chloride, Potentiometric Cl (%)	0003	0.60000	0.00000	0.59742	0.01541	0.00808	36	0.17	0%	0
033.01	Salt as chloride, Potentiometric Cl (%)	0100	0.60000	0.02000	0.59742	0.01541	0.00808	36	0.17	0%	0
033.01	Salt as chloride, Potentiometric Cl (%)	0683	0.60000	0.00000	0.59742	0.01541	0.00808	36	0.17	0%	0
033.01	Salt as chloride, Potentiometric Cl (%)	0861	0.60000	0.00000	0.59742	0.01541	0.00808	36	0.17	0%	0
033.01	Salt as chloride, Potentiometric Cl (%)	2023	0.60000	0.00000	0.59742	0.01541	0.00808	36	0.17	0%	0
033.01	Salt as chloride, Potentiometric Cl (%)	0205	0.60350	0.00100	0.59742	0.01541	0.00808	36	0.39	1%	0
033.01	Salt as chloride, Potentiometric Cl (%)	0413	0.60500	0.01000	0.59742	0.01541	0.00808	36	0.49	1%	0
033.01	Salt as chloride, Potentiometric Cl (%)	0590	0.60500	0.03000	0.59742	0.01541	0.00808	36	0.49	1%	0
033.01	Salt as chloride, Potentiometric Cl (%)	2011	0.60650	0.00500	0.59742	0.01541	0.00808	36	0.59	1%	0

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033.01	Salt as chloride, Potentiometric Cl (%)	0242	0.61000	0.00000	0.59742	0.01541	0.00808	36	0.82	1%	0
033.01	Salt as chloride, Potentiometric Cl (%)	0354	0.61000	0.00000	0.59742	0.01541	0.00808	36	0.82	1%	0
033.01	Salt as chloride, Potentiometric Cl (%)	0278	0.61500	0.01000	0.59742	0.01541	0.00808	36	1.14	1%	0
033.01	Salt as chloride, Potentiometric Cl (%)	0164	0.62000	0.00000	0.59742	0.01541	0.00808	36	1.47	2%	0
033.01	Salt as chloride, Potentiometric Cl (%)	0019	0.62500	0.01000	0.59742	0.01541	0.00808	36	1.79	2%	0
033.01	Salt as chloride, Potentiometric Cl (%)	0425	0.63000	0.00000	0.59742	0.01541	0.00808	36	2.11	3%	0
033.01	Salt as chloride, Potentiometric Cl (%)	0510	0.63000	0.00000	0.59742	0.01541	0.00808	36	2.11	3%	0
033.01	Salt as chloride, Potentiometric Cl (%)	0874	0.65190	0.00000	0.59742	0.01541	0.00808	36	3.54	5%	0
033.01	Salt as chloride, Potentiometric Cl (%)	0650	0.65500	0.03000	0.59742	0.01541	0.00808	36	3.74	5%	0
033.01	Salt as chloride, Potentiometric Cl (%)	0337	0.58500	0.05000	0.59742	0.01541	0.00808	36	-0.81	1%	1
033.03	Salt as chloride, Quantab (%)	0848	0.44000	0.02000	0.51083	0.07194	0.03167	6	-0.98	7%	0
033.03	Salt as chloride, Quantab (%)	0505	0.44500	0.05000	0.51083	0.07194	0.03167	6	-0.92	6%	0
033.03	Salt as chloride, Quantab (%)	0726	0.49000	0.02000	0.51083	0.07194	0.03167	6	-0.29	2%	0
033.03	Salt as chloride, Quantab (%)	0190	0.54000	0.04000	0.51083	0.07194	0.03167	6	0.41	3%	0
033.03	Salt as chloride, Quantab (%)	0265	0.55000	0.00000	0.51083	0.07194	0.03167	6	0.54	4%	0
033.03	Salt as chloride, Quantab (%)	0144	0.60000	0.06000	0.51083	0.07194	0.03167	6	1.24	9%	0
033.05	Salt as chloride, Ion-selective electrode (%)	0171	0.59000	0.08000	0.59500	0.00707	0.04000	2	-0.71	0%	0
033.05	Salt as chloride, Ion-selective electrode (%)	0689	0.60000	0.00000	0.59500	0.00707	0.04000	2	0.71	0%	0
033.99	Salt, Miscellaneous (%)	0536	0.44500	0.01000	0.55255	0.05793	0.01530	10	-1.86	10%	0
033.99	Salt, Miscellaneous (%)	0017	0.47000	0.02000	0.55255	0.05793	0.01530	10	-1.42	7%	0
033.99	Salt, Miscellaneous (%)	0358	0.52500	0.01000	0.55255	0.05793	0.01530	10	-0.48	2%	0
033.99	Salt, Miscellaneous (%)	0027	0.53600	0.01000	0.55255	0.05793	0.01530	10	-0.29	1%	0
033.99	Salt, Miscellaneous (%)	0673	0.54500	0.01000	0.55255	0.05793	0.01530	10	-0.13	1%	0
033.99	Salt, Miscellaneous (%)	0552	0.55500	0.01000	0.55255	0.05793	0.01530	10	0.04	0%	0
033.99	Salt, Miscellaneous (%)	0619	0.57950	0.03500	0.55255	0.05793	0.01530	10	0.47	2%	0
033.99	Salt, Miscellaneous (%)	0208	0.58500	0.00800	0.55255	0.05793	0.01530	10	0.56	3%	0
033.99	Salt, Miscellaneous (%)	0681	0.97000	0.02000	0.55255	0.05793	0.01530	10	7.21	38%	0
033.99	Salt, Miscellaneous (%)	0946	1.2300	0.02000	0.55255	0.05793	0.01530	10	11.69	61%	0
034.01	Selenium, Fluorometer (mg / kg (ppm))	0038	0.58315	0.03270	0.58883	0.00803	0.02885	2	-0.71	0%	0
034.01	Selenium, Fluorometer (mg / kg (ppm))	0098	0.59450	0.02500	0.58883	0.00803	0.02885	2	0.71	0%	0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0171	0.50000	0.00000	0.52833	0.02566	0.01667	3	-1.10	3%	0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0164	0.53500	0.01000	0.52833	0.02566	0.01667	3	0.26	1%	0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0563	0.55000	0.04000	0.52833	0.02566	0.01667	3	0.84	2%	0
034.41	Selenium, ICP, Dry ash (mg / kg (ppm))	0619	0.51800	0.04600			0.04600	1			
034.42	Selenium, ICP, Open vessel (mg / kg (ppm))	0693	2.7750	2.4100			2.4100	1			
034.52	Selenium, ICP-MS, Open vessel (mg / kg (ppm))	0555	0.51500	0.17000	0.58500	0.09899	0.12000	2	-0.71	6%	0
034.52	Selenium, ICP-MS, Open vessel (mg / kg (ppm))	0910	0.65500	0.07000	0.58500	0.09899	0.12000	2	0.71	6%	0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	0553	0.53900	0.05600	0.93615	0.74965	0.47478	5	-0.53	21%	0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	0918	0.58725	0.08690	0.93615	0.74965	0.47478	5	-0.47	19%	0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	0098	0.62950	0.00300	0.93615	0.74965	0.47478	5	-0.41	16%	0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	2023	0.65000	0.10000	0.93615	0.74965	0.47478	5	-0.38	15%	0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	0168	2.2750	2.1280	0.93615	0.74965	0.47478	5	1.79	72%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
034.99	Selenium, Miscellaneous (mg / kg (ppm))	0555	0.57500	0.03000			0.03000	1			
035.01	Sodium, Ion-selective electrode (%)	0868	0.16100	0.00000	0.20150	0.05339	0.00167	3	-0.76	10%	0
035.01	Sodium, Ion-selective electrode (%)	2006	0.18150	0.00100	0.20150	0.05339	0.00167	3	-0.37	5%	0
035.01	Sodium, Ion-selective electrode (%)	0138	0.26200	0.00400	0.20150	0.05339	0.00167	3	1.13	15%	0
035.05	Sodium, Flame Emission (%)	0337	0.18200	0.00000	0.19700	0.01496	0.00667	6	-1.00	4%	0
035.05	Sodium, Flame Emission (%)	0590	0.18500	0.01000	0.19700	0.01496	0.00667	6	-0.80	3%	0
035.05	Sodium, Flame Emission (%)	0108	0.19500	0.01000	0.19700	0.01496	0.00667	6	-0.13	1%	0
035.05	Sodium, Flame Emission (%)	0152	0.19500	0.01000	0.19700	0.01496	0.00667	6	-0.13	1%	0
035.05	Sodium, Flame Emission (%)	0504	0.21000	0.00000	0.19700	0.01496	0.00667	6	0.87	3%	0
035.05	Sodium, Flame Emission (%)	0066	0.21500	0.01000	0.19700	0.01496	0.00667	6	1.20	5%	0
035.31	Sodium, AAS, Dry ash (%)	0505	0.15250	0.00300	0.20422	0.01640	0.00990	23	-3.15	13%	0
035.31	Sodium, AAS, Dry ash (%)	0874	0.16770	0.00280	0.20422	0.01640	0.00990	23	-2.23	9%	0
035.31	Sodium, AAS, Dry ash (%)	0175	0.18000	0.02000	0.20422	0.01640	0.00990	23	-1.48	6%	0
035.31	Sodium, AAS, Dry ash (%)	0673	0.18500	0.01000	0.20422	0.01640	0.00990	23	-1.17	5%	0
035.31	Sodium, AAS, Dry ash (%)	0723	0.19020	0.00000	0.20422	0.01640	0.00990	23	-0.86	3%	0
035.31	Sodium, AAS, Dry ash (%)	0563	0.19320	0.00200	0.20422	0.01640	0.00990	23	-0.67	3%	0
035.31	Sodium, AAS, Dry ash (%)	0354	0.19500	0.01000	0.20422	0.01640	0.00990	23	-0.56	2%	0
035.31	Sodium, AAS, Dry ash (%)	2018	0.19500	0.01000	0.20422	0.01640	0.00990	23	-0.56	2%	0
035.31	Sodium, AAS, Dry ash (%)	0868	0.19950	0.00100	0.20422	0.01640	0.00990	23	-0.29	1%	0
035.31	Sodium, AAS, Dry ash (%)	0683	0.20000	0.00000	0.20422	0.01640	0.00990	23	-0.26	1%	0
035.31	Sodium, AAS, Dry ash (%)	0650	0.20500	0.03000	0.20422	0.01640	0.00990	23	0.05	0%	0
035.31	Sodium, AAS, Dry ash (%)	0948	0.20500	0.01000	0.20422	0.01640	0.00990	23	0.05	0%	0
035.31	Sodium, AAS, Dry ash (%)	0142	0.20600	0.00000	0.20422	0.01640	0.00990	23	0.11	0%	0
035.31	Sodium, AAS, Dry ash (%)	0038	0.20850	0.01100	0.20422	0.01640	0.00990	23	0.26	1%	0
035.31	Sodium, AAS, Dry ash (%)	0233	0.21000	0.00000	0.20422	0.01640	0.00990	23	0.35	1%	0
035.31	Sodium, AAS, Dry ash (%)	0939	0.21000	0.00000	0.20422	0.01640	0.00990	23	0.35	1%	0
035.31	Sodium, AAS, Dry ash (%)	0208	0.21000	0.02800	0.20422	0.01640	0.00990	23	0.35	1%	0
035.31	Sodium, AAS, Dry ash (%)	2022	0.21350	0.00500	0.20422	0.01640	0.00990	23	0.57	2%	0
035.31	Sodium, AAS, Dry ash (%)	0646	0.22000	0.02000	0.20422	0.01640	0.00990	23	0.96	4%	0
035.31	Sodium, AAS, Dry ash (%)	0178	0.22350	0.00500	0.20422	0.01640	0.00990	23	1.18	5%	0
035.31	Sodium, AAS, Dry ash (%)	0629	0.22500	0.01000	0.20422	0.01640	0.00990	23	1.27	5%	0
035.31	Sodium, AAS, Dry ash (%)	0904	0.23500	0.01000	0.20422	0.01640	0.00990	23	1.88	8%	0
035.31	Sodium, AAS, Dry ash (%)	0689	0.24000	0.04000	0.20422	0.01640	0.00990	23	2.18	9%	0
035.32	Sodium, AAS, Open vessel (%)	0609	0.19500	0.01000			0.01000	1			
035.41	Sodium, ICP, Dry ash (%)	0511	0.12500	0.03000	0.20057	0.01438	0.00707	32	-5.26	19%	0
035.41	Sodium, ICP, Dry ash (%)	0405	0.16050	0.00100	0.20057	0.01438	0.00707	32	-2.79	10%	0
035.41	Sodium, ICP, Dry ash (%)	0520	0.17800	0.00400	0.20057	0.01438	0.00707	32	-1.57	6%	0
035.41	Sodium, ICP, Dry ash (%)	0089	0.18000	0.00000	0.20057	0.01438	0.00707	32	-1.43	5%	0
035.41	Sodium, ICP, Dry ash (%)	0123	0.18500	0.01000	0.20057	0.01438	0.00707	32	-1.08	4%	0
035.41	Sodium, ICP, Dry ash (%)	0049	0.19000	0.00000	0.20057	0.01438	0.00707	32	-0.73	3%	0
035.41	Sodium, ICP, Dry ash (%)	0144	0.19000	0.00000	0.20057	0.01438	0.00707	32	-0.73	3%	0
035.41	Sodium, ICP, Dry ash (%)	0682	0.19000	0.00000	0.20057	0.01438	0.00707	32	-0.73	3%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
035.41	Sodium, ICP, Dry ash (%)	0598	0.19165	0.00050	0.20057	0.01438	0.00707	32	-0.62	2%	0
035.41	Sodium, ICP, Dry ash (%)	0964	0.19185	0.00490	0.20057	0.01438	0.00707	32	-0.61	2%	0
035.41	Sodium, ICP, Dry ash (%)	0011	0.19430	0.00180	0.20057	0.01438	0.00707	32	-0.44	2%	0
035.41	Sodium, ICP, Dry ash (%)	0148	0.19600	0.00000	0.20057	0.01438	0.00707	32	-0.32	1%	0
035.41	Sodium, ICP, Dry ash (%)	0098	0.20000	0.00000	0.20057	0.01438	0.00707	32	-0.04	0%	0
035.41	Sodium, ICP, Dry ash (%)	0298	0.20000	0.02000	0.20057	0.01438	0.00707	32	-0.04	0%	0
035.41	Sodium, ICP, Dry ash (%)	0413	0.20000	0.00000	0.20057	0.01438	0.00707	32	-0.04	0%	0
035.41	Sodium, ICP, Dry ash (%)	2012	0.20000	0.00000	0.20057	0.01438	0.00707	32	-0.04	0%	0
035.41	Sodium, ICP, Dry ash (%)	0407	0.20050	0.01100	0.20057	0.01438	0.00707	32	0.00	0%	0
035.41	Sodium, ICP, Dry ash (%)	0083	0.20500	0.01000	0.20057	0.01438	0.00707	32	0.31	1%	0
035.41	Sodium, ICP, Dry ash (%)	0164	0.20500	0.01000	0.20057	0.01438	0.00707	32	0.31	1%	0
035.41	Sodium, ICP, Dry ash (%)	0171	0.20500	0.01000	0.20057	0.01438	0.00707	32	0.31	1%	0
035.41	Sodium, ICP, Dry ash (%)	0229	0.20500	0.01000	0.20057	0.01438	0.00707	32	0.31	1%	0
035.41	Sodium, ICP, Dry ash (%)	0910	0.20500	0.03000	0.20057	0.01438	0.00707	32	0.31	1%	0
035.41	Sodium, ICP, Dry ash (%)	0139	0.20550	0.00100	0.20057	0.01438	0.00707	32	0.34	1%	0
035.41	Sodium, ICP, Dry ash (%)	0226	0.21000	0.01000	0.20057	0.01438	0.00707	32	0.66	2%	0
035.41	Sodium, ICP, Dry ash (%)	0358	0.21000	0.00000	0.20057	0.01438	0.00707	32	0.66	2%	0
035.41	Sodium, ICP, Dry ash (%)	0300	0.21150	0.02100	0.20057	0.01438	0.00707	32	0.76	3%	0
035.41	Sodium, ICP, Dry ash (%)	2023	0.21450	0.00900	0.20057	0.01438	0.00707	32	0.97	3%	0
035.41	Sodium, ICP, Dry ash (%)	0004	0.21500	0.01000	0.20057	0.01438	0.00707	32	1.00	4%	0
035.41	Sodium, ICP, Dry ash (%)	0553	0.21600	0.00000	0.20057	0.01438	0.00707	32	1.07	4%	0
035.41	Sodium, ICP, Dry ash (%)	0619	0.22050	0.00100	0.20057	0.01438	0.00707	32	1.39	5%	0
035.41	Sodium, ICP, Dry ash (%)	0208	0.23350	0.01700	0.20057	0.01438	0.00707	32	2.29	8%	0
035.41	Sodium, ICP, Dry ash (%)	0695	0.24700	0.00400	0.20057	0.01438	0.00707	32	3.23	12%	0
035.42	Sodium, ICP, Open vessel (%)	0187	0.09440	0.00180	0.19885	0.01381	0.00629	17	-7.56	26%	0
035.42	Sodium, ICP, Open vessel (%)	0035	0.17715	0.00270	0.19885	0.01381	0.00629	17	-1.57	5%	0
035.42	Sodium, ICP, Open vessel (%)	0560	0.18730	0.00760	0.19885	0.01381	0.00629	17	-0.84	3%	0
035.42	Sodium, ICP, Open vessel (%)	0265	0.19000	0.00000	0.19885	0.01381	0.00629	17	-0.64	2%	0
035.42	Sodium, ICP, Open vessel (%)	0692	0.19000	0.02000	0.19885	0.01381	0.00629	17	-0.64	2%	0
035.42	Sodium, ICP, Open vessel (%)	0205	0.19150	0.00100	0.19885	0.01381	0.00629	17	-0.53	2%	0
035.42	Sodium, ICP, Open vessel (%)	0045	0.19250	0.00900	0.19885	0.01381	0.00629	17	-0.46	2%	0
035.42	Sodium, ICP, Open vessel (%)	0504	0.19750	0.00100	0.19885	0.01381	0.00629	17	-0.10	0%	0
035.42	Sodium, ICP, Open vessel (%)	0555	0.20000	0.02000	0.19885	0.01381	0.00629	17	0.08	0%	0
035.42	Sodium, ICP, Open vessel (%)	0186	0.20250	0.00300	0.19885	0.01381	0.00629	17	0.26	1%	0
035.42	Sodium, ICP, Open vessel (%)	0190	0.20500	0.01000	0.19885	0.01381	0.00629	17	0.45	2%	0
035.42	Sodium, ICP, Open vessel (%)	0278	0.20500	0.01000	0.19885	0.01381	0.00629	17	0.45	2%	0
035.42	Sodium, ICP, Open vessel (%)	0870	0.20770	0.00340	0.19885	0.01381	0.00629	17	0.64	2%	0
035.42	Sodium, ICP, Open vessel (%)	0202	0.21000	0.00000	0.19885	0.01381	0.00629	17	0.81	3%	0
035.42	Sodium, ICP, Open vessel (%)	0294	0.21000	0.00000	0.19885	0.01381	0.00629	17	0.81	3%	0
035.42	Sodium, ICP, Open vessel (%)	0726	0.21565	0.00350	0.19885	0.01381	0.00629	17	1.22	4%	0
035.42	Sodium, ICP, Open vessel (%)	0042	0.27800	0.01400	0.19885	0.01381	0.00629	17	5.73	20%	0
035.42	Sodium, ICP, Open vessel (%)	0693	0.22350	0.04500	0.19885	0.01381	0.00629	17	1.78	6%	1



Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
035.43	Sodium, ICP, Microwave (%)	0510	0.17400	0.00600	0.19511	0.01484	0.00492	13	-1.42	5%	0
035.43	Sodium, ICP, Microwave (%)	0168	0.17565	0.00890	0.19511	0.01484	0.00492	13	-1.31	5%	0
035.43	Sodium, ICP, Microwave (%)	0017	0.18500	0.01000	0.19511	0.01484	0.00492	13	-0.68	3%	0
035.43	Sodium, ICP, Microwave (%)	0918	0.18550	0.00300	0.19511	0.01484	0.00492	13	-0.65	2%	0
035.43	Sodium, ICP, Microwave (%)	0008	0.19300	0.00200	0.19511	0.01484	0.00492	13	-0.14	1%	0
035.43	Sodium, ICP, Microwave (%)	0038	0.19500	0.01200	0.19511	0.01484	0.00492	13	-0.01	0%	0
035.43	Sodium, ICP, Microwave (%)	0353	0.19500	0.01000	0.19511	0.01484	0.00492	13	-0.01	0%	0
035.43	Sodium, ICP, Microwave (%)	0345	0.19600	0.00200	0.19511	0.01484	0.00492	13	0.06	0%	0
035.43	Sodium, ICP, Microwave (%)	0098	0.20000	0.00000	0.19511	0.01484	0.00492	13	0.33	1%	0
035.43	Sodium, ICP, Microwave (%)	0297	0.20000	0.00000	0.19511	0.01484	0.00492	13	0.33	1%	0
035.43	Sodium, ICP, Microwave (%)	0425	0.20500	0.01000	0.19511	0.01484	0.00492	13	0.67	3%	0
035.43	Sodium, ICP, Microwave (%)	0629	0.21800	0.00000	0.19511	0.01484	0.00492	13	1.54	6%	0
035.43	Sodium, ICP, Microwave (%)	0675	0.26000	0.00000	0.19511	0.01484	0.00492	13	4.37	17%	0
035.52	Sodium, ICP-MS, Open vessel (%)	0154	0.21260	0.00040			0.00040	1			
035.53	Sodium, ICP-MS, Microwave (%)	0572	0.21215	0.00370			0.00370	1			
035.99	Sodium, Miscellaneous (%)	0940	0.19000	0.00000	0.45000	0.49015	0.01000	4	-0.53	29%	0
035.99	Sodium, Miscellaneous (%)	0100	0.20500	0.01000	0.45000	0.49015	0.01000	4	-0.50	27%	0
035.99	Sodium, Miscellaneous (%)	0242	0.22000	0.00000	0.45000	0.49015	0.01000	4	-0.47	26%	0
035.99	Sodium, Miscellaneous (%)	0889	1.1850	0.03000	0.45000	0.49015	0.01000	4	1.50	82%	0
036.04	Sulfur, LECO (%)	0098	0.17000	0.00000	0.18050	0.01666	0.00615	4	-0.63	3%	0
036.04	Sulfur, LECO (%)	0229	0.17000	0.00000	0.18050	0.01666	0.00615	4	-0.63	3%	0
036.04	Sulfur, LECO (%)	0168	0.17700	0.01460	0.18050	0.01666	0.00615	4	-0.21	1%	0
036.04	Sulfur, LECO (%)	0226	0.20500	0.01000	0.18050	0.01666	0.00615	4	1.47	7%	0
036.42	Sulfur, ICP, Open vessel (%)	0407	0.18550	0.00100	0.22202	0.03295	0.00452	18	-1.11	8%	0
036.42	Sulfur, ICP, Open vessel (%)	0870	0.18995	0.00770	0.22202	0.03295	0.00452	18	-0.97	7%	0
036.42	Sulfur, ICP, Open vessel (%)	0164	0.19000	0.00000	0.22202	0.03295	0.00452	18	-0.97	7%	0
036.42	Sulfur, ICP, Open vessel (%)	0357	0.19000	0.00000	0.22202	0.03295	0.00452	18	-0.97	7%	0
036.42	Sulfur, ICP, Open vessel (%)	0202	0.20000	0.00000	0.22202	0.03295	0.00452	18	-0.67	5%	0
036.42	Sulfur, ICP, Open vessel (%)	0045	0.20050	0.00500	0.22202	0.03295	0.00452	18	-0.65	5%	0
036.42	Sulfur, ICP, Open vessel (%)	0171	0.20500	0.00200	0.22202	0.03295	0.00452	18	-0.52	4%	0
036.42	Sulfur, ICP, Open vessel (%)	0726	0.20795	0.00450	0.22202	0.03295	0.00452	18	-0.43	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0693	0.21000	0.00000	0.22202	0.03295	0.00452	18	-0.36	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0619	0.21900	0.00200	0.22202	0.03295	0.00452	18	-0.09	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0278	0.22000	0.00000	0.22202	0.03295	0.00452	18	-0.06	0%	0
036.42	Sulfur, ICP, Open vessel (%)	0708	0.23350	0.01100	0.22202	0.03295	0.00452	18	0.35	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0560	0.23430	0.01060	0.22202	0.03295	0.00452	18	0.37	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0265	0.26000	0.00000	0.22202	0.03295	0.00452	18	1.15	9%	0
036.42	Sulfur, ICP, Open vessel (%)	0294	0.26000	0.00000	0.22202	0.03295	0.00452	18	1.15	9%	0
036.42	Sulfur, ICP, Open vessel (%)	0187	0.26315	0.00150	0.22202	0.03295	0.00452	18	1.25	9%	0
036.42	Sulfur, ICP, Open vessel (%)	0042	0.26750	0.02900	0.22202	0.03295	0.00452	18	1.38	10%	0
036.42	Sulfur, ICP, Open vessel (%)	0186	0.27250	0.00700	0.22202	0.03295	0.00452	18	1.53	11%	0
036.42	Sulfur, ICP, Open vessel (%)	0555	0.21050	0.08100	0.22202	0.03295	0.00452	18	-0.35	3%	1

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
036.43	Sulfur, ICP, Microwave (%)	0629	0.16425	0.00050	0.20699	0.01413	0.00761	9	-3.02	10%	0
036.43	Sulfur, ICP, Microwave (%)	0345	0.19650	0.00300	0.20699	0.01413	0.00761	9	-0.74	3%	0
036.43	Sulfur, ICP, Microwave (%)	0297	0.20000	0.02000	0.20699	0.01413	0.00761	9	-0.49	2%	0
036.43	Sulfur, ICP, Microwave (%)	0038	0.20350	0.00500	0.20699	0.01413	0.00761	9	-0.25	1%	0
036.43	Sulfur, ICP, Microwave (%)	0353	0.20500	0.03000	0.20699	0.01413	0.00761	9	-0.14	0%	0
036.43	Sulfur, ICP, Microwave (%)	0510	0.21000	0.00000	0.20699	0.01413	0.00761	9	0.21	1%	0
036.43	Sulfur, ICP, Microwave (%)	0918	0.21400	0.01000	0.20699	0.01413	0.00761	9	0.50	2%	0
036.43	Sulfur, ICP, Microwave (%)	0098	0.23000	0.00000	0.20699	0.01413	0.00761	9	1.63	6%	0
036.43	Sulfur, ICP, Microwave (%)	0033	0.24000	0.00000	0.20699	0.01413	0.00761	9	2.34	8%	0
036.99	Sulfur, Miscellaneous (%)	0889	0.17000	0.00000	0.20000	0.04243	0.01000	2	-0.71	8%	0
036.99	Sulfur, Miscellaneous (%)	0242	0.23000	0.02000	0.20000	0.04243	0.01000	2	0.71	8%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	2022	56.850	0.10000	111.50	8.4474	3.0061	18	-6.47	25%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0874	101.20	3.6000	111.50	8.4474	3.0061	18	-1.22	5%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0673	101.50	13.000	111.50	8.4474	3.0061	18	-1.18	4%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0175	104.00	4.0000	111.50	8.4474	3.0061	18	-0.89	3%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0178	104.40	1.0000	111.50	8.4474	3.0061	18	-0.84	3%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0689	107.80	0.00000	111.50	8.4474	3.0061	18	-0.44	2%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	2062	109.51	3.7100	111.50	8.4474	3.0061	18	-0.24	1%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0723	109.89	0.00000	111.50	8.4474	3.0061	18	-0.19	1%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0590	110.50	1.0000	111.50	8.4474	3.0061	18	-0.12	0%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0939	112.90	4.6000	111.50	8.4474	3.0061	18	0.17	1%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0868	114.00	0.00000	111.50	8.4474	3.0061	18	0.30	1%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	2080	114.95	4.7000	111.50	8.4474	3.0061	18	0.41	2%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0066	116.39	3.2400	111.50	8.4474	3.0061	18	0.58	2%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0904	117.94	7.8800	111.50	8.4474	3.0061	18	0.76	3%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0354	118.47	2.5200	111.50	8.4474	3.0061	18	0.83	3%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0674	119.49	0.00000	111.50	8.4474	3.0061	18	0.95	4%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0505	121.00	2.0000	111.50	8.4474	3.0061	18	1.13	4%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0563	128.68	2.7600	111.50	8.4474	3.0061	18	2.03	8%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0208	116.00	16.000	111.50	8.4474	3.0061	18	0.53	2%	1
037.32	Zinc, AAS, Open vessel (mg / kg (ppm))	0038	111.00	4.0000	120.23	11.066	3.6000	3	-0.83	4%	0
037.32	Zinc, AAS, Open vessel (mg / kg (ppm))	0504	117.20	1.8000	120.23	11.066	3.6000	3	-0.27	1%	0
037.32	Zinc, AAS, Open vessel (mg / kg (ppm))	0609	132.50	5.0000	120.23	11.066	3.6000	3	1.11	5%	0
037.33	Zinc, AAS, Microwave (mg / kg (ppm))	2018	103.78	12.170	107.44	5.1831	6.3900	2	-0.71	2%	0
037.33	Zinc, AAS, Microwave (mg / kg (ppm))	0948	111.11	0.61000	107.44	5.1831	6.3900	2	0.71	2%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0405	60.000	2.0000	108.81	6.9935	6.0508	26	-6.98	22%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0695	91.541	0.24100	108.81	6.9935	6.0508	26	-2.47	8%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0300	100.33	2.6010	108.81	6.9935	6.0508	26	-1.21	4%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0520	100.50	7.0000	108.81	6.9935	6.0508	26	-1.19	4%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0049	103.05	10.760	108.81	6.9935	6.0508	26	-0.82	3%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0011	104.10	1.3600	108.81	6.9935	6.0508	26	-0.67	2%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0910	105.00	6.0000	108.81	6.9935	6.0508	26	-0.54	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0164	105.50	1.0000	108.81	6.9935	6.0508	26	-0.47	2%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0208	106.50	7.2000	108.81	6.9935	6.0508	26	-0.33	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	2012	107.00	4.0000	108.81	6.9935	6.0508	26	-0.26	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0148	107.20	0.60000	108.81	6.9935	6.0508	26	-0.23	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0358	107.36	1.3700	108.81	6.9935	6.0508	26	-0.21	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0553	107.50	1.0000	108.81	6.9935	6.0508	26	-0.19	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0171	108.00	10.000	108.81	6.9935	6.0508	26	-0.12	0%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0511	108.50	5.0000	108.81	6.9935	6.0508	26	-0.04	0%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0226	109.50	7.0000	108.81	6.9935	6.0508	26	0.10	0%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0098	110.00	3.4000	108.81	6.9935	6.0508	26	0.17	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0619	112.50	1.0000	108.81	6.9935	6.0508	26	0.53	2%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0407	112.63	5.1200	108.81	6.9935	6.0508	26	0.55	2%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0083	113.00	10.000	108.81	6.9935	6.0508	26	0.60	2%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0964	115.97	22.670	108.81	6.9935	6.0508	26	1.02	3%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0004	116.50	5.0000	108.81	6.9935	6.0508	26	1.10	4%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0598	117.00	2.0000	108.81	6.9935	6.0508	26	1.17	4%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0229	119.00	2.0000	108.81	6.9935	6.0508	26	1.46	5%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0682	123.57	0.00000	108.81	6.9935	6.0508	26	2.11	7%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0074	129.50	39.000	108.81	6.9935	6.0508	26	2.96	10%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0003	157.00	88.000	108.81	6.9935	6.0508	26	6.89	22%	1
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0870	79.145	2.5500	112.99	9.2610	6.0476	17	-3.65	15%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0555	99.150	21.300	112.99	9.2610	6.0476	17	-1.49	6%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0278	103.15	2.9000	112.99	9.2610	6.0476	17	-1.06	4%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0357	104.50	3.0000	112.99	9.2610	6.0476	17	-0.92	4%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0265	105.50	9.0000	112.99	9.2610	6.0476	17	-0.81	3%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0692	108.00	10.000	112.99	9.2610	6.0476	17	-0.54	2%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0186	111.00	2.0000	112.99	9.2610	6.0476	17	-0.21	1%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0045	113.50	5.0000	112.99	9.2610	6.0476	17	0.06	0%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0294	113.62	1.1600	112.99	9.2610	6.0476	17	0.07	0%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0693	114.50	17.000	112.99	9.2610	6.0476	17	0.16	1%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0560	116.75	0.10000	112.99	9.2610	6.0476	17	0.41	2%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0035	116.80	7.2000	112.99	9.2610	6.0476	17	0.41	2%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0190	118.12	3.5700	112.99	9.2610	6.0476	17	0.55	2%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0187	119.31	0.02000	112.99	9.2610	6.0476	17	0.68	3%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0202	121.54	1.0100	112.99	9.2610	6.0476	17	0.92	4%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0413	131.00	14.000	112.99	9.2610	6.0476	17	1.95	8%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0726	134.50	3.0000	112.99	9.2610	6.0476	17	2.32	10%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0042	94.200	35.600	112.99	9.2610	6.0476	17	-2.03	8%	1
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0629	90.600	0.00000	108.81	9.2387	2.8553	16	-1.97	8%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0968	98.500	1.0000	108.81	9.2387	2.8553	16	-1.12	5%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0353	99.620	9.5600	108.81	9.2387	2.8553	16	-0.99	4%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0345	100.50	1.0000	108.81	9.2387	2.8553	16	-0.90	4%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0918	106.07	1.7300	108.81	9.2387	2.8553	16	-0.30	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0037	106.20	1.4000	108.81	9.2387	2.8553	16	-0.28	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0168	106.20	4.4000	108.81	9.2387	2.8553	16	-0.28	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0297	107.50	1.0000	108.81	9.2387	2.8553	16	-0.14	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0675	107.66	5.0500	108.81	9.2387	2.8553	16	-0.12	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0510	108.50	1.0000	108.81	9.2387	2.8553	16	-0.03	0%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0008	111.35	8.1000	108.81	9.2387	2.8553	16	0.28	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	2023	116.50	1.0000	108.81	9.2387	2.8553	16	0.83	4%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0038	117.00	6.0000	108.81	9.2387	2.8553	16	0.89	4%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0098	119.20	1.8000	108.81	9.2387	2.8553	16	1.12	5%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0027	119.95	2.5440	108.81	9.2387	2.8553	16	1.21	5%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0425	121.25	0.10000	108.81	9.2387	2.8553	16	1.35	6%	0
037.52	Zinc, ICP-MS, Open vessel (mg / kg (ppm))	0555	114.00	32.000			32.000	1			
037.53	Zinc, ICP-MS, Microwave (mg / kg (ppm))	0572	108.15	4.3000			4.3000	1			
037.99	Zinc, Miscellaneous (mg / kg (ppm))	0889	79.500	3.0000	100.67	18.373	4.0000	3	-1.15	11%	0
037.99	Zinc, Miscellaneous (mg / kg (ppm))	0100	110.00	8.0000	100.67	18.373	4.0000	3	0.51	5%	0
037.99	Zinc, Miscellaneous (mg / kg (ppm))	0242	112.50	1.0000	100.67	18.373	4.0000	3	0.64	6%	0
038.41	Molybdenum, ICP, Dry ash (mg / kg (ppm))	0011	1.2698	0.00250	1.2826	0.01563	0.16620	3	-0.82	1%	0
038.41	Molybdenum, ICP, Dry ash (mg / kg (ppm))	0964	1.2781	0.07610	1.2826	0.01563	0.16620	3	-0.29	0%	0
038.41	Molybdenum, ICP, Dry ash (mg / kg (ppm))	0171	1.3000	0.42000	1.2826	0.01563	0.16620	3	1.11	1%	0
038.42	Molybdenum, ICP, Open vessel (mg / kg (ppm))	0555	0.00000	0.00000	0.61425	0.71862	0.03450	4	-0.85	50%	0
038.42	Molybdenum, ICP, Open vessel (mg / kg (ppm))	0693	0.00000	0.00000	0.61425	0.71862	0.03450	4	-0.85	50%	0
038.42	Molybdenum, ICP, Open vessel (mg / kg (ppm))	0560	1.0870	0.07800	0.61425	0.71862	0.03450	4	0.66	38%	0
038.42	Molybdenum, ICP, Open vessel (mg / kg (ppm))	0278	1.3700	0.06000	0.61425	0.71862	0.03450	4	1.05	62%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0345	1.0100	0.02000	1.2266	0.20882	0.07117	6	-1.04	9%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0629	1.0100	0.00000	1.2266	0.20882	0.07117	6	-1.04	9%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0038	1.2500	0.10000	1.2266	0.20882	0.07117	6	0.11	1%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0510	1.2500	0.10000	1.2266	0.20882	0.07117	6	0.11	1%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0027	1.4195	0.14700	1.2266	0.20882	0.07117	6	0.92	8%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0353	1.4200	0.06000	1.2266	0.20882	0.07117	6	0.93	8%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0297	2.9600	0.80000	1.2266	0.20882	0.07117	6	8.30	71%	1
038.52	Molybdenum, ICP-MS, Open vessel (mg / kg (ppr	0555	1.2500	0.10000	1.2825	0.04596	0.06500	2	-0.71	1%	0
038.52	Molybdenum, ICP-MS, Open vessel (mg / kg (ppr	0910	1.3150	0.03000	1.2825	0.04596	0.06500	2	0.71	1%	0
038.53	Molybdenum, ICP-MS, Microwave (mg / kg (ppm))	0168	1.0006	0.22880	1.2616	0.20307	0.10850	4	-1.29	10%	0
038.53	Molybdenum, ICP-MS, Microwave (mg / kg (ppm))	0098	1.2005	0.04700	1.2616	0.20307	0.10850	4	-0.30	2%	0
038.53	Molybdenum, ICP-MS, Microwave (mg / kg (ppm))	0918	1.4202	0.00820	1.2616	0.20307	0.10850	4	0.78	6%	0
038.53	Molybdenum, ICP-MS, Microwave (mg / kg (ppm))	2023	1.4250	0.15000	1.2616	0.20307	0.10850	4	0.80	6%	0
040.42	Barium, ICP, Open vessel (mg / kg (ppm))	0560	11.350	0.38000			0.38000	1			
040.52	Barium, ICP-MS, Open vessel (mg / kg (ppm))	0555	9.5500	2.7000			2.7000	1			
041.53	Vanadium, ICP-MS, Microwave (mg / kg (ppm))	0553	0.38300	0.04400			0.04400	1			
042.00	Chloride, Titrimetric (%)	2012	0.30000	0.00000	0.32250	0.03182	0.00500	2	-0.71	3%	0
042.00	Chloride, Titrimetric (%)	0297	0.34500	0.01000	0.32250	0.03182	0.00500	2	0.71	3%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
065.99	Monensin, Miscellaneous (mg / kg (ppm))	0619	0.00000	0.00000			0.00000	1			
079.99	Salinomycin, Miscellaneous (mg / kg (ppm))	0619	0.00000	0.00000			0.00000	1			
091.99	Narasin, Miscellaneous (mg / kg (ppm))	0619	0.00000	0.00000			0.00000	1			
101.02	Choline Chloride, LC (mg / kg (ppm))	0904	2,318.0	476.00			476.00	1			
102.00	Niacin, Chem (mg / kg (ppm))	0904	5.9800	0.26000			0.26000	1			
102.01	Niacin, Microbiological (mg / kg (ppm))	0227	67.600	1.0000			1.0000	1			
103.01	Pantothenic Acid, Microbiological (mg / kg (ppm))	0227	11.700	0.80000			0.80000	1			
103.02	Pantothenic Acid, LC (mg / kg (ppm))	0904	19.800	4.7000			4.7000	1			
104.00	Riboflavin, Fluorometric (mg / kg (ppm))	0227	5.6450	0.41000			0.41000	1			
104.03	Riboflavin, LC (mg / kg (ppm))	0904	6.3150	0.39000	7.4825	1.6511	0.74500	2	-0.71	8%	0
104.03	Riboflavin, LC (mg / kg (ppm))	2023	8.6500	1.1000	7.4825	1.6511	0.74500	2	0.71	8%	0
105.00	Thiamine, LC (mg / kg (ppm))	0904	3.0600	0.10000	3.3667	0.38592	0.03333	3	-0.79	5%	0
105.00	Thiamine, LC (mg / kg (ppm))	0629	3.2400	0.00000	3.3667	0.38592	0.03333	3	-0.33	2%	0
105.00	Thiamine, LC (mg / kg (ppm))	2023	3.8000	0.00000	3.3667	0.38592	0.03333	3	1.12	6%	0
106.01	Vitamin A, UV (KU / kg)	0098	3.8600	0.80000			0.80000	1			
106.02	Vitamin A, LC (KU / kg)	0861	2.0150	0.07000	4.8677	1.5887	0.45009	20	-1.80	29%	0
106.02	Vitamin A, LC (KU / kg)	0555	2.4000	0.40000	4.8677	1.5887	0.45009	20	-1.55	25%	0
106.02	Vitamin A, LC (KU / kg)	0619	3.2200	0.00000	4.8677	1.5887	0.45009	20	-1.04	17%	0
106.02	Vitamin A, LC (KU / kg)	0008	3.3135	1.1250	4.8677	1.5887	0.45009	20	-0.98	16%	0
106.02	Vitamin A, LC (KU / kg)	2023	3.7000	0.40000	4.8677	1.5887	0.45009	20	-0.73	12%	0
106.02	Vitamin A, LC (KU / kg)	0676	3.9500	0.30000	4.8677	1.5887	0.45009	20	-0.58	9%	0
106.02	Vitamin A, LC (KU / kg)	0563	4.2206	0.22450	4.8677	1.5887	0.45009	20	-0.41	7%	0
106.02	Vitamin A, LC (KU / kg)	0004	4.2350	1.6300	4.8677	1.5887	0.45009	20	-0.40	6%	0
106.02	Vitamin A, LC (KU / kg)	0910	4.4500	0.30000	4.8677	1.5887	0.45009	20	-0.26	4%	0
106.02	Vitamin A, LC (KU / kg)	0208	4.7505	0.50700	4.8677	1.5887	0.45009	20	-0.07	1%	0
106.02	Vitamin A, LC (KU / kg)	0905	5.0050	0.05000	4.8677	1.5887	0.45009	20	0.09	1%	0
106.02	Vitamin A, LC (KU / kg)	2053	5.2250	0.15000	4.8677	1.5887	0.45009	20	0.22	4%	0
106.02	Vitamin A, LC (KU / kg)	0027	5.4354	0.36530	4.8677	1.5887	0.45009	20	0.36	6%	0
106.02	Vitamin A, LC (KU / kg)	0003	5.5500	0.30000	4.8677	1.5887	0.45009	20	0.43	7%	0
106.02	Vitamin A, LC (KU / kg)	0610	5.7000	1.8000	4.8677	1.5887	0.45009	20	0.52	9%	0
106.02	Vitamin A, LC (KU / kg)	0036	5.9500	0.10000	4.8677	1.5887	0.45009	20	0.68	11%	0
106.02	Vitamin A, LC (KU / kg)	0227	6.0350	0.03000	4.8677	1.5887	0.45009	20	0.73	12%	0
106.02	Vitamin A, LC (KU / kg)	0675	8.5300	0.10000	4.8677	1.5887	0.45009	20	2.31	38%	0
106.02	Vitamin A, LC (KU / kg)	0904	9.0050	0.15000	4.8677	1.5887	0.45009	20	2.60	42%	0
106.02	Vitamin A, LC (KU / kg)	0169	13.500	1.0000	4.8677	1.5887	0.45009	20	5.43	89%	0
107.00	Vitamin B12, Microbiological (µg / kg (ppb))	0227	12.950	1.1000			1.1000	1			
108.01	Vitamin D3, LC, AOAC (KU / kg)	2023	1.7350	0.05000			0.05000	1			
108.02	Vitamin D3, LC (KU / kg)	0904	0.61500	0.17000	1.5817	0.98027	0.09000	3	-0.99	31%	0
108.02	Vitamin D3, LC (KU / kg)	0675	1.5550	0.03000	1.5817	0.98027	0.09000	3	-0.03	1%	0
108.02	Vitamin D3, LC (KU / kg)	0227	2.5750	0.07000	1.5817	0.98027	0.09000	3	1.01	31%	0
109.02	Vitamin E, LC (mg / kg (ppm))	0098	0.00000	0.00000	29.429	13.381	1.5672	21	-2.20	50%	0
109.02	Vitamin E, LC (mg / kg (ppm))	0619	0.02600	0.00000	29.429	13.381	1.5672	21	-2.20	50%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
109.02	Vitamin E, LC (mg / kg (ppm))	0027	18.120	1.9880	29.429	13.381	1.5672	21	-0.85	19%	0
109.02	Vitamin E, LC (mg / kg (ppm))	0590	19.040	0.00000	29.429	13.381	1.5672	21	-0.78	18%	0
109.02	Vitamin E, LC (mg / kg (ppm))	0955	19.450	0.50000	29.429	13.381	1.5672	21	-0.75	17%	0
109.02	Vitamin E, LC (mg / kg (ppm))	0169	20.000	0.00000	29.429	13.381	1.5672	21	-0.70	16%	0
109.02	Vitamin E, LC (mg / kg (ppm))	2053	22.000	4.0000	29.429	13.381	1.5672	21	-0.56	13%	0
109.02	Vitamin E, LC (mg / kg (ppm))	0675	22.345	7.0900	29.429	13.381	1.5672	21	-0.53	12%	0
109.02	Vitamin E, LC (mg / kg (ppm))	0555	23.500	1.0000	29.429	13.381	1.5672	21	-0.44	10%	0
109.02	Vitamin E, LC (mg / kg (ppm))	0905	29.000	0.00000	29.429	13.381	1.5672	21	-0.03	1%	0
109.02	Vitamin E, LC (mg / kg (ppm))	0676	29.450	0.90000	29.429	13.381	1.5672	21	0.00	0%	0
109.02	Vitamin E, LC (mg / kg (ppm))	0208	31.296	2.2770	29.429	13.381	1.5672	21	0.14	3%	0
109.02	Vitamin E, LC (mg / kg (ppm))	0036	31.550	0.30000	29.429	13.381	1.5672	21	0.16	4%	0
109.02	Vitamin E, LC (mg / kg (ppm))	0610	34.000	2.0000	29.429	13.381	1.5672	21	0.34	8%	0
109.02	Vitamin E, LC (mg / kg (ppm))	0861	36.500	1.0000	29.429	13.381	1.5672	21	0.53	12%	0
109.02	Vitamin E, LC (mg / kg (ppm))	0563	38.843	1.3058	29.429	13.381	1.5672	21	0.70	16%	0
109.02	Vitamin E, LC (mg / kg (ppm))	0910	39.000	4.0000	29.429	13.381	1.5672	21	0.72	16%	0
109.02	Vitamin E, LC (mg / kg (ppm))	2022	43.950	0.30000	29.429	13.381	1.5672	21	1.09	25%	0
109.02	Vitamin E, LC (mg / kg (ppm))	0227	45.500	1.2000	29.429	13.381	1.5672	21	1.20	27%	0
109.02	Vitamin E, LC (mg / kg (ppm))	2023	46.250	2.1000	29.429	13.381	1.5672	21	1.26	29%	0
109.02	Vitamin E, LC (mg / kg (ppm))	0904	112.98	2.9500	29.429	13.381	1.5672	21	6.24	142%	0
109.02	Vitamin E, LC (mg / kg (ppm))	0008	20.905	11.630	29.429	13.381	1.5672	21	-0.64	14%	1
112.00	Pyridoxine, Vitamin B6 (µg / g)	0904	5.5850	0.57000			0.57000	1			
113.01	Folic Acid, Microbiological (mg / kg (ppm))	0227	0.77900	0.01600			0.01600	1			
114.01	Biotin, Microbiological (mg / kg (ppm))	0227	0.19050	0.00300			0.00300	1			
120.00	Alanine, Post-col Ninhydrin Der (%)	0675	0.82500	0.01000	0.88152	0.01291	0.01022	16	-4.38	3%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0652	0.85000	0.02000	0.88152	0.01291	0.01022	16	-2.44	2%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0941	0.86000	0.00000	0.88152	0.01291	0.01022	16	-1.67	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0868	0.86800	0.01140	0.88152	0.01291	0.01022	16	-1.05	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0968	0.87500	0.00400	0.88152	0.01291	0.01022	16	-0.50	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0644	0.87750	0.00100	0.88152	0.01291	0.01022	16	-0.31	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0878	0.87950	0.00100	0.88152	0.01291	0.01022	16	-0.16	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0910	0.88000	0.02000	0.88152	0.01291	0.01022	16	-0.12	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0227	0.88500	0.01000	0.88152	0.01291	0.01022	16	0.27	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0571	0.88550	0.00900	0.88152	0.01291	0.01022	16	0.31	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0619	0.88550	0.03100	0.88152	0.01291	0.01022	16	0.31	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	2059	0.88750	0.00500	0.88152	0.01291	0.01022	16	0.46	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0504	0.89000	0.02000	0.88152	0.01291	0.01022	16	0.66	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	2022	0.89500	0.01000	0.88152	0.01291	0.01022	16	1.04	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0918	0.92755	0.01010	0.88152	0.01291	0.01022	16	3.56	3%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0684	0.96550	0.00100	0.88152	0.01291	0.01022	16	6.50	5%	0
120.01	Alanine, Pre-col OPA Der (%)	0297	0.81000	0.00600	0.84500	0.04950	0.00300	2	-0.71	2%	0
120.01	Alanine, Pre-col OPA Der (%)	2022	0.88000	0.00000	0.84500	0.04950	0.00300	2	0.71	2%	0
120.02	Alanine, Post-col OPA Der (%)	2023	0.87500	0.01000	0.88583	0.01531	0.00995	2	-0.71	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
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120.02	Alanine, Post-col OPA Der (%)	0098	0.89665	0.00990	0.88583	0.01531	0.00995	2	0.71	1%	0
120.05	Alanine, Pre-col AQC Der (%)	0939	0.81000	0.00000	0.83138	0.02137	0.02225	4	-1.00	1%	0
120.05	Alanine, Pre-col AQC Der (%)	0008	0.82650	0.06300	0.83138	0.02137	0.02225	4	-0.23	0%	0
120.05	Alanine, Pre-col AQC Der (%)	0626	0.82800	0.00200	0.83138	0.02137	0.02225	4	-0.16	0%	0
120.05	Alanine, Pre-col AQC Der (%)	0676	0.86100	0.02400	0.83138	0.02137	0.02225	4	1.39	2%	0
120.99	Alanine, Miscellaneous (%)	0904	0.92000	0.04000			0.04000	1			
121.00	Arginine, Post-col Ninhydrin Der (%)	0675	0.91500	0.01000	1.0265	0.04359	0.01663	15	-2.56	5%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0227	0.93500	0.03000	1.0265	0.04359	0.01663	15	-2.10	4%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0941	0.98500	0.01000	1.0265	0.04359	0.01663	15	-0.95	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0504	1.0000	0.04000	1.0265	0.04359	0.01663	15	-0.61	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0652	1.0000	0.02000	1.0265	0.04359	0.01663	15	-0.61	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0968	1.0155	0.00300	1.0265	0.04359	0.01663	15	-0.25	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0868	1.0297	0.01050	1.0265	0.04359	0.01663	15	0.07	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0878	1.0300	0.00600	1.0265	0.04359	0.01663	15	0.08	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0644	1.0315	0.00500	1.0265	0.04359	0.01663	15	0.12	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	2059	1.0485	0.00900	1.0265	0.04359	0.01663	15	0.51	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0619	1.0500	0.02000	1.0265	0.04359	0.01663	15	0.54	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0571	1.0505	0.00300	1.0265	0.04359	0.01663	15	0.55	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0910	1.0650	0.03000	1.0265	0.04359	0.01663	15	0.88	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0684	1.0790	0.04200	1.0265	0.04359	0.01663	15	1.20	3%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0918	1.0861	0.01090	1.0265	0.04359	0.01663	15	1.37	3%	0
121.01	Arginine, Pre-col OPA Der (%)	0297	1.0450	0.04200			0.04200	1			
121.02	Arginine, Post-col OPA Der (%)	0098	1.0071	0.00030	1.0410	0.04805	0.00515	2	-0.71	2%	0
121.02	Arginine, Post-col OPA Der (%)	2023	1.0750	0.01000	1.0410	0.04805	0.00515	2	0.71	2%	0
121.05	Arginine, Pre-col AQC Der (%)	0008	1.0260	0.05800	1.0330	0.00469	0.04700	4	-1.49	0%	0
121.05	Arginine, Pre-col AQC Der (%)	0676	1.0350	0.06400	1.0330	0.00469	0.04700	4	0.43	0%	0
121.05	Arginine, Pre-col AQC Der (%)	0939	1.0350	0.01000	1.0330	0.00469	0.04700	4	0.43	0%	0
121.05	Arginine, Pre-col AQC Der (%)	0626	1.0360	0.05600	1.0330	0.00469	0.04700	4	0.64	0%	0
121.99	Arginine, Miscellaneous (%)	0904	1.2600	0.06000			0.06000	1			
122.00	Aspartic, Post-col Ninhydrin Der (%)	0941	1.3400	0.02000	1.4164	0.04946	0.02341	15	-1.54	3%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0675	1.3450	0.01000	1.4164	0.04946	0.02341	15	-1.44	3%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0652	1.3700	0.02000	1.4164	0.04946	0.02341	15	-0.94	2%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0504	1.3850	0.05000	1.4164	0.04946	0.02341	15	-0.63	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0868	1.3946	0.00870	1.4164	0.04946	0.02341	15	-0.44	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0968	1.4070	0.00200	1.4164	0.04946	0.02341	15	-0.19	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0644	1.4140	0.00600	1.4164	0.04946	0.02341	15	-0.05	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0227	1.4150	0.01000	1.4164	0.04946	0.02341	15	-0.03	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0571	1.4200	0.00000	1.4164	0.04946	0.02341	15	0.07	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	2059	1.4245	0.00900	1.4164	0.04946	0.02341	15	0.16	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0878	1.4305	0.04100	1.4164	0.04946	0.02341	15	0.29	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0910	1.4450	0.03000	1.4164	0.04946	0.02341	15	0.58	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0918	1.4797	0.03940	1.4164	0.04946	0.02341	15	1.28	2%	0

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122.00	Aspartic, Post-col Ninhydrin Der (%)	0619	1.5000	0.06000	1.4164	0.04946	0.02341	15	1.69	3%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0684	1.5365	0.04500	1.4164	0.04946	0.02341	15	2.43	4%	0
122.01	Aspartic, Pre-col OPA Der (%)	0297	1.3140	0.03000			0.03000	1			
122.02	Aspartic, Post-col OPA Der (%)	2023	1.3850	0.01000	1.3985	0.01913	0.00855	2	-0.71	0%	0
122.02	Aspartic, Post-col OPA Der (%)	0098	1.4121	0.00710	1.3985	0.01913	0.00855	2	0.71	0%	0
122.05	Aspartic, Pre-col AQC Der (%)	0008	1.3880	0.14800	1.4211	0.03470	0.09275	4	-0.95	1%	0
122.05	Aspartic, Pre-col AQC Der (%)	0939	1.3950	0.01000	1.4211	0.03470	0.09275	4	-0.75	1%	0
122.05	Aspartic, Pre-col AQC Der (%)	0626	1.4445	0.05100	1.4211	0.03470	0.09275	4	0.67	1%	0
122.05	Aspartic, Pre-col AQC Der (%)	0676	1.4570	0.16200	1.4211	0.03470	0.09275	4	1.03	1%	0
122.99	Aspartic, Miscellaneous (%)	0904	0.96500	0.01000			0.01000	1			
124.00	Cysteine/Cystine, PAO Post-col Ninhydry (%)	0227	0.27500	0.01000	0.29927	0.01417	0.00618	14	-1.71	4%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydry (%)	0652	0.28500	0.01000	0.29927	0.01417	0.00618	14	-1.01	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydry (%)	0504	0.29000	0.00000	0.29927	0.01417	0.00618	14	-0.65	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydry (%)	0644	0.29000	0.00600	0.29927	0.01417	0.00618	14	-0.65	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydry (%)	0868	0.29290	0.00080	0.29927	0.01417	0.00618	14	-0.45	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydry (%)	0968	0.29350	0.00100	0.29927	0.01417	0.00618	14	-0.41	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydry (%)	0941	0.29500	0.01000	0.29927	0.01417	0.00618	14	-0.30	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydry (%)	0878	0.29550	0.00300	0.29927	0.01417	0.00618	14	-0.27	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydry (%)	0675	0.30500	0.01000	0.29927	0.01417	0.00618	14	0.40	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydry (%)	2059	0.30500	0.00200	0.29927	0.01417	0.00618	14	0.40	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydry (%)	0571	0.30900	0.00200	0.29927	0.01417	0.00618	14	0.69	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydry (%)	0684	0.32050	0.00900	0.29927	0.01417	0.00618	14	1.50	4%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydry (%)	0918	0.33235	0.01670	0.29927	0.01417	0.00618	14	2.33	6%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydry (%)	0619	0.34300	0.00600	0.29927	0.01417	0.00618	14	3.09	7%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydry (%)	0910	0.33500	0.03000	0.29927	0.01417	0.00618	14	2.52	6%	1
124.01	Cysteine/Cystine, PAO Pre-col OPA Der (%)	0297	0.27750	0.00100			0.00100	1			
124.02	Cysteine/Cystine, PAO Post-col OPA Der (%)	0098	0.31385	0.00230	0.32693	0.01849	0.00115	2	-0.71	2%	0
124.02	Cysteine/Cystine, PAO Post-col OPA Der (%)	2023	0.34000	0.00000	0.32693	0.01849	0.00115	2	0.71	2%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0939	0.27000	0.02000	0.28775	0.02510	0.01750	2	-0.71	3%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0676	0.30550	0.01500	0.28775	0.02510	0.01750	2	0.71	3%	0
124.99	Cysteine/Cystine, Miscellaneous (%)	0008	0.22200	0.01400	0.24850	0.03748	0.01200	2	-0.71	5%	0
124.99	Cysteine/Cystine, Miscellaneous (%)	0904	0.27500	0.01000	0.24850	0.03748	0.01200	2	0.71	5%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0675	2.7550	0.01000	3.0993	0.10442	0.03723	16	-3.30	6%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	2059	2.9845	0.02500	3.0993	0.10442	0.03723	16	-1.10	2%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0941	2.9900	0.02000	3.0993	0.10442	0.03723	16	-1.05	2%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0504	3.0450	0.09000	3.0993	0.10442	0.03723	16	-0.52	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0878	3.0585	0.04100	3.0993	0.10442	0.03723	16	-0.39	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0868	3.0628	0.03330	3.0993	0.10442	0.03723	16	-0.35	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0571	3.0670	0.01400	3.0993	0.10442	0.03723	16	-0.31	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0227	3.0700	0.04000	3.0993	0.10442	0.03723	16	-0.28	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0644	3.0745	0.01300	3.0993	0.10442	0.03723	16	-0.24	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0968	3.0985	0.02500	3.0993	0.10442	0.03723	16	-0.01	0%	0



Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
125.00	Glutamic, Post-col Ninhydrin Der (%)	0652	3.1350	0.03000	3.0993	0.10442	0.03723	16	0.34	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0910	3.1600	0.08000	3.0993	0.10442	0.03723	16	0.58	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0918	3.1995	0.01440	3.0993	0.10442	0.03723	16	0.96	2%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0619	3.3550	0.05000	3.0993	0.10442	0.03723	16	2.45	4%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	2022	3.3800	0.04000	3.0993	0.10442	0.03723	16	2.69	5%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0684	3.4750	0.07000	3.0993	0.10442	0.03723	16	3.60	6%	0
125.01	Glutamic, Pre-col OPA Der (%)	0297	3.0935	0.03900			0.03900	1			
125.02	Glutamic, Post-col OPA Der (%)	0098	3.0595	0.00320	3.0948	0.04985	0.00160	2	-0.71	1%	0
125.02	Glutamic, Post-col OPA Der (%)	2023	3.1300	0.00000	3.0948	0.04985	0.00160	2	0.71	1%	0
125.05	Glutamic, Pre-col AQC Der (%)	0939	2.9100	0.02000	3.0121	0.09785	0.09975	4	-1.04	2%	0
125.05	Glutamic, Pre-col AQC Der (%)	0626	2.9495	0.04100	3.0121	0.09785	0.09975	4	-0.64	1%	0
125.05	Glutamic, Pre-col AQC Der (%)	0008	3.0745	0.22500	3.0121	0.09785	0.09975	4	0.64	1%	0
125.05	Glutamic, Pre-col AQC Der (%)	0676	3.1145	0.11300	3.0121	0.09785	0.09975	4	1.05	2%	0
125.99	Glutamic, Miscellaneous (%)	0904	2.9300	0.08000			0.08000	1			
126.00	Glycine, Post-col Ninhydrin Der (%)	0941	0.71000	0.00000	0.73969	0.01638	0.00897	15	-1.81	2%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0652	0.71500	0.01000	0.73969	0.01638	0.00897	15	-1.51	2%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0675	0.71500	0.01000	0.73969	0.01638	0.00897	15	-1.51	2%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0878	0.72850	0.00100	0.73969	0.01638	0.00897	15	-0.68	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0868	0.73670	0.00480	0.73969	0.01638	0.00897	15	-0.18	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0644	0.73800	0.00600	0.73969	0.01638	0.00897	15	-0.10	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0227	0.74000	0.00000	0.73969	0.01638	0.00897	15	0.02	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0910	0.74000	0.02000	0.73969	0.01638	0.00897	15	0.02	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0968	0.74100	0.00200	0.73969	0.01638	0.00897	15	0.08	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	2059	0.74450	0.00700	0.73969	0.01638	0.00897	15	0.29	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0571	0.74850	0.00300	0.73969	0.01638	0.00897	15	0.54	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0504	0.75000	0.02000	0.73969	0.01638	0.00897	15	0.63	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0918	0.75045	0.00070	0.73969	0.01638	0.00897	15	0.66	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0619	0.76650	0.02500	0.73969	0.01638	0.00897	15	1.64	2%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0684	0.76750	0.02500	0.73969	0.01638	0.00897	15	1.70	2%	0
126.01	Glycine, Pre-col OPA Der (%)	0297	0.69700	0.01400			0.01400	1			
126.02	Glycine, Post-col OPA Der (%)	0098	0.75935	0.00170	0.75968	0.00046	0.00085	2	-0.71	0%	0
126.02	Glycine, Post-col OPA Der (%)	2023	0.76000	0.00000	0.75968	0.00046	0.00085	2	0.71	0%	0
126.05	Glycine, Pre-col AQC Der (%)	0939	0.71000	0.02000	0.74650	0.03180	0.03700	4	-1.15	2%	0
126.05	Glycine, Pre-col AQC Der (%)	0626	0.74200	0.00400	0.74650	0.03180	0.03700	4	-0.14	0%	0
126.05	Glycine, Pre-col AQC Der (%)	0676	0.74650	0.02300	0.74650	0.03180	0.03700	4	0.00	0%	0
126.05	Glycine, Pre-col AQC Der (%)	0008	0.78750	0.10100	0.74650	0.03180	0.03700	4	1.29	3%	0
126.99	Glycine, Miscellaneous (%)	0904	1.0600	0.02000			0.02000	1			
127.00	Histidine, Post-col Ninhydrin Der (%)	0675	0.38500	0.01000	0.44170	0.01039	0.01045	15	-5.45	6%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0571	0.43150	0.00900	0.44170	0.01039	0.01045	15	-0.98	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0644	0.43150	0.00100	0.44170	0.01039	0.01045	15	-0.98	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0941	0.43500	0.01000	0.44170	0.01039	0.01045	15	-0.64	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0878	0.43750	0.01300	0.44170	0.01039	0.01045	15	-0.40	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
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127.00	Histidine, Post-col Ninhydrin Der (%)	2059	0.43800	0.00400	0.44170	0.01039	0.01045	15	-0.36	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0504	0.44000	0.02000	0.44170	0.01039	0.01045	15	-0.16	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0652	0.44000	0.02000	0.44170	0.01039	0.01045	15	-0.16	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0910	0.44000	0.02000	0.44170	0.01039	0.01045	15	-0.16	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0227	0.44500	0.01000	0.44170	0.01039	0.01045	15	0.32	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0868	0.44695	0.00090	0.44170	0.01039	0.01045	15	0.51	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0968	0.44750	0.00100	0.44170	0.01039	0.01045	15	0.56	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0684	0.46800	0.00600	0.44170	0.01039	0.01045	15	2.53	3%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0918	0.47025	0.02190	0.44170	0.01039	0.01045	15	2.75	3%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0619	0.52300	0.01000	0.44170	0.01039	0.01045	15	7.82	9%	0
127.01	Histidine, Pre-col OPA Der (%)	0297	0.35400	0.01200			0.01200	1			
127.02	Histidine, Post-col OPA Der (%)	2023	0.42500	0.01000	0.43493	0.01404	0.00695	2	-0.71	1%	0
127.02	Histidine, Post-col OPA Der (%)	0098	0.44485	0.00390	0.43493	0.01404	0.00695	2	0.71	1%	0
127.05	Histidine, Pre-col AQC Der (%)	0939	0.44500	0.01000	54.644	108.38	108.40	4	-0.50	50%	0
127.05	Histidine, Pre-col AQC Der (%)	0676	0.45050	0.01900	54.644	108.38	108.40	4	-0.50	50%	0
127.05	Histidine, Pre-col AQC Der (%)	0008	0.46950	0.00300	54.644	108.38	108.40	4	-0.50	50%	0
127.05	Histidine, Pre-col AQC Der (%)	0626	217.21	433.58	54.644	108.38	108.40	4	1.50	149%	0
127.99	Histidine, Miscellaneous (%)	0904	0.43000	0.02000			0.02000	1			
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0941	0.59000	0.02000	0.62328	0.01949	0.01183	16	-1.71	3%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0652	0.60000	0.00000	0.62328	0.01949	0.01183	16	-1.19	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0684	0.60000	0.02000	0.62328	0.01949	0.01183	16	-1.19	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0910	0.60000	0.02000	0.62328	0.01949	0.01183	16	-1.19	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	2022	0.61500	0.03000	0.62328	0.01949	0.01183	16	-0.42	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0227	0.62000	0.02000	0.62328	0.01949	0.01183	16	-0.17	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0968	0.62000	0.00000	0.62328	0.01949	0.01183	16	-0.17	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0878	0.62400	0.01000	0.62328	0.01949	0.01183	16	0.04	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0504	0.62500	0.03000	0.62328	0.01949	0.01183	16	0.09	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0644	0.62650	0.00300	0.62328	0.01949	0.01183	16	0.17	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0571	0.62850	0.00300	0.62328	0.01949	0.01183	16	0.27	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	2059	0.63500	0.00000	0.62328	0.01949	0.01183	16	0.60	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0918	0.63660	0.00720	0.62328	0.01949	0.01183	16	0.68	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0868	0.64325	0.00410	0.62328	0.01949	0.01183	16	1.02	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0675	0.65500	0.01000	0.62328	0.01949	0.01183	16	1.63	3%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0619	0.66300	0.01200	0.62328	0.01949	0.01183	16	2.04	3%	0
128.01	Isoleucine, Pre-col OPA Der (%)	2022	0.62500	0.01000	0.63125	0.00884	0.01150	2	-0.71	0%	0
128.01	Isoleucine, Pre-col OPA Der (%)	0297	0.63750	0.01300	0.63125	0.00884	0.01150	2	0.71	0%	0
128.02	Isoleucine, Post-col OPA Der (%)	2023	0.59500	0.01000	0.62098	0.03673	0.00705	2	-0.71	2%	0
128.02	Isoleucine, Post-col OPA Der (%)	0098	0.64695	0.00410	0.62098	0.03673	0.00705	2	0.71	2%	0
128.05	Isoleucine, Pre-col AQC Der (%)	0008	0.49250	0.05700	0.59038	0.07051	0.03525	4	-1.39	8%	0
128.05	Isoleucine, Pre-col AQC Der (%)	0626	0.59500	0.01400	0.59038	0.07051	0.03525	4	0.07	0%	0
128.05	Isoleucine, Pre-col AQC Der (%)	0939	0.61500	0.01000	0.59038	0.07051	0.03525	4	0.35	2%	0
128.05	Isoleucine, Pre-col AQC Der (%)	0676	0.65900	0.06000	0.59038	0.07051	0.03525	4	0.97	6%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
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128.99	Isoleucine, Miscellaneous (%)	0904	0.47500	0.03000			0.03000	1			
129.00	Leucine, Post-col Ninhydrin Der (%)	0941	1.3200	0.00000	1.3732	0.02715	0.01547	15	-1.96	2%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0675	1.3250	0.01000	1.3732	0.02715	0.01547	15	-1.77	2%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0652	1.3400	0.00000	1.3732	0.02715	0.01547	15	-1.22	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0910	1.3550	0.03000	1.3732	0.02715	0.01547	15	-0.67	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0227	1.3600	0.04000	1.3732	0.02715	0.01547	15	-0.48	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0878	1.3645	0.01100	1.3732	0.02715	0.01547	15	-0.32	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0968	1.3655	0.00100	1.3732	0.02715	0.01547	15	-0.28	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	2059	1.3760	0.00800	1.3732	0.02715	0.01547	15	0.10	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0868	1.3765	0.00380	1.3732	0.02715	0.01547	15	0.12	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0644	1.3805	0.00500	1.3732	0.02715	0.01547	15	0.27	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0504	1.3850	0.05000	1.3732	0.02715	0.01547	15	0.44	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0571	1.3900	0.00200	1.3732	0.02715	0.01547	15	0.62	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0918	1.4000	0.00730	1.3732	0.02715	0.01547	15	0.99	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0619	1.4300	0.04000	1.3732	0.02715	0.01547	15	2.09	2%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0684	1.4410	0.02400	1.3732	0.02715	0.01547	15	2.50	2%	0
129.01	Leucine, Pre-col OPA Der (%)	0297	1.3205	0.00300			0.00300	1			
129.02	Leucine, Post-col OPA Der (%)	0098	1.4029	0.01660	1.4040	0.00148	0.03330	2	-0.71	0%	0
129.02	Leucine, Post-col OPA Der (%)	2023	1.4050	0.05000	1.4040	0.00148	0.03330	2	0.71	0%	0
129.05	Leucine, Pre-col AQC Der (%)	0939	1.2900	0.02000	1.3263	0.04427	0.05000	4	-0.82	1%	0
129.05	Leucine, Pre-col AQC Der (%)	0008	1.3075	0.10100	1.3263	0.04427	0.05000	4	-0.42	1%	0
129.05	Leucine, Pre-col AQC Der (%)	0626	1.3170	0.00800	1.3263	0.04427	0.05000	4	-0.21	0%	0
129.05	Leucine, Pre-col AQC Der (%)	0676	1.3905	0.07100	1.3263	0.04427	0.05000	4	1.45	2%	0
129.99	Leucine, Miscellaneous (%)	0904	1.3700	0.12000			0.12000	1			
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0652	0.70000	0.00000	0.74374	0.01475	0.01807	17	-2.97	3%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0941	0.70500	0.01000	0.74374	0.01475	0.01807	17	-2.63	3%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0644	0.72650	0.00300	0.74374	0.01475	0.01807	17	-1.17	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0878	0.73400	0.02400	0.74374	0.01475	0.01807	17	-0.66	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0675	0.73500	0.01000	0.74374	0.01475	0.01807	17	-0.59	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0571	0.73650	0.00700	0.74374	0.01475	0.01807	17	-0.49	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0968	0.74100	0.00000	0.74374	0.01475	0.01807	17	-0.19	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0868	0.74260	0.00020	0.74374	0.01475	0.01807	17	-0.08	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	2059	0.74300	0.00600	0.74374	0.01475	0.01807	17	-0.05	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0848	0.74500	0.05000	0.74374	0.01475	0.01807	17	0.09	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0910	0.75000	0.02000	0.74374	0.01475	0.01807	17	0.42	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	2022	0.75000	0.02000	0.74374	0.01475	0.01807	17	0.42	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0684	0.75200	0.05000	0.74374	0.01475	0.01807	17	0.56	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0619	0.75500	0.02800	0.74374	0.01475	0.01807	17	0.76	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0918	0.76090	0.00900	0.74374	0.01475	0.01807	17	1.16	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0504	0.76500	0.03000	0.74374	0.01475	0.01807	17	1.44	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0227	0.79000	0.04000	0.74374	0.01475	0.01807	17	3.14	3%	0
130.01	L-Lysine, Pre-col OPA Der (%)	0297	0.69050	0.01500	0.77300	0.08152	0.00933	3	-1.01	5%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
130.01	L-Lysine, Pre-col OPA Der (%)	2022	0.77500	0.01000	0.77300	0.08152	0.00933	3	0.02	0%	0
130.01	L-Lysine, Pre-col OPA Der (%)	0035	0.85350	0.00300	0.77300	0.08152	0.00933	3	0.99	5%	0
130.02	L-Lysine, Post-col OPA Der (%)	0098	0.79095	0.00810	0.81298	0.03115	0.01905	2	-0.71	1%	0
130.02	L-Lysine, Post-col OPA Der (%)	2023	0.83500	0.03000	0.81298	0.03115	0.01905	2	0.71	1%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0723	0.66700	0.00000	0.72727	0.04075	0.03743	7	-1.48	4%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0008	0.68550	0.08900	0.72727	0.04075	0.03743	7	-1.03	3%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0939	0.73000	0.04000	0.72727	0.04075	0.03743	7	0.07	0%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0626	0.73150	0.00900	0.72727	0.04075	0.03743	7	0.10	0%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0610	0.73500	0.01000	0.72727	0.04075	0.03743	7	0.19	1%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0676	0.75650	0.11300	0.72727	0.04075	0.03743	7	0.72	2%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0027	0.77650	0.00100	0.72727	0.04075	0.03743	7	1.21	3%	0
130.99	L-Lysine, Miscellaneous (%)	2053	0.64950	0.00900	0.68975	0.05692	0.02450	2	-0.71	3%	0
130.99	L-Lysine, Miscellaneous (%)	0904	0.73000	0.04000	0.68975	0.05692	0.02450	2	0.71	3%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0675	0.23500	0.01000	0.28658	0.01474	0.00774	17	-3.50	9%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0941	0.25000	0.02000	0.28658	0.01474	0.00774	17	-2.48	6%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0652	0.27500	0.01000	0.28658	0.01474	0.00774	17	-0.79	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	2059	0.27550	0.00300	0.28658	0.01474	0.00774	17	-0.75	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0684	0.27650	0.00900	0.28658	0.01474	0.00774	17	-0.68	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0878	0.27850	0.00700	0.28658	0.01474	0.00774	17	-0.55	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0504	0.28000	0.00000	0.28658	0.01474	0.00774	17	-0.45	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0968	0.28350	0.00300	0.28658	0.01474	0.00774	17	-0.21	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0571	0.28850	0.00500	0.28658	0.01474	0.00774	17	0.13	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0227	0.29000	0.00000	0.28658	0.01474	0.00774	17	0.23	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0848	0.29000	0.00000	0.28658	0.01474	0.00774	17	0.23	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0619	0.29350	0.00500	0.28658	0.01474	0.00774	17	0.47	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0910	0.29500	0.01000	0.28658	0.01474	0.00774	17	0.57	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	2022	0.29500	0.03000	0.28658	0.01474	0.00774	17	0.57	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0868	0.30095	0.00110	0.28658	0.01474	0.00774	17	0.97	3%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0644	0.31000	0.00200	0.28658	0.01474	0.00774	17	1.59	4%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0918	0.31115	0.01650	0.28658	0.01474	0.00774	17	1.67	4%	0
131.01	Methionine, PAO Pre-col OPA Der (%)	0297	0.27950	0.00700	0.28725	0.01096	0.00850	2	-0.71	1%	0
131.01	Methionine, PAO Pre-col OPA Der (%)	2022	0.29500	0.01000	0.28725	0.01096	0.00850	2	0.71	1%	0
131.02	Methionine, PAO Post-col OPA Der (%)	2023	0.28500	0.01000	0.28643	0.00202	0.00575	2	-0.71	0%	0
131.02	Methionine, PAO Post-col OPA Der (%)	0098	0.28785	0.00150	0.28643	0.00202	0.00575	2	0.71	0%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	0626	0.22750	0.00700	0.26850	0.02846	0.01180	5	-1.44	8%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	0027	0.25850	0.00100	0.26850	0.02846	0.01180	5	-0.35	2%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	0676	0.26650	0.03100	0.26850	0.02846	0.01180	5	-0.07	0%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	0939	0.29000	0.02000	0.26850	0.02846	0.01180	5	0.76	4%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	0610	0.30000	0.00000	0.26850	0.02846	0.01180	5	1.11	6%	0
131.99	Methionine, Miscellaneous (%)	0008	0.24350	0.00300	0.26467	0.03120	0.00800	3	-0.68	4%	0
131.99	Methionine, Miscellaneous (%)	0904	0.25000	0.02000	0.26467	0.03120	0.00800	3	-0.47	3%	0
131.99	Methionine, Miscellaneous (%)	2053	0.30050	0.00100	0.26467	0.03120	0.00800	3	1.15	7%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0675	0.70500	0.01000	0.75854	0.02817	0.00929	16	-1.90	4%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0878	0.70950	0.00100	0.75854	0.02817	0.00929	16	-1.74	3%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0918	0.73385	0.00270	0.75854	0.02817	0.00929	16	-0.88	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0652	0.74000	0.02000	0.75854	0.02817	0.00929	16	-0.66	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0941	0.74000	0.00000	0.75854	0.02817	0.00929	16	-0.66	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0868	0.74725	0.00290	0.75854	0.02817	0.00929	16	-0.40	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0644	0.75350	0.00100	0.75854	0.02817	0.00929	16	-0.18	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0504	0.75500	0.03000	0.75854	0.02817	0.00929	16	-0.13	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0968	0.76000	0.00000	0.75854	0.02817	0.00929	16	0.05	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0227	0.76500	0.01000	0.75854	0.02817	0.00929	16	0.23	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	2059	0.76950	0.00300	0.75854	0.02817	0.00929	16	0.39	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0910	0.77500	0.01000	0.75854	0.02817	0.00929	16	0.58	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0619	0.78050	0.00700	0.75854	0.02817	0.00929	16	0.78	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0571	0.78700	0.00400	0.75854	0.02817	0.00929	16	1.01	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0684	0.80050	0.02700	0.75854	0.02817	0.00929	16	1.49	3%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	2022	0.81000	0.02000	0.75854	0.02817	0.00929	16	1.83	3%	0
132.01	Phenylalanine, Pre-col OPA Der (%)	0297	0.74250	0.01300	0.74375	0.00177	0.01150	2	-0.71	0%	0
132.01	Phenylalanine, Pre-col OPA Der (%)	2022	0.74500	0.01000	0.74375	0.00177	0.01150	2	0.71	0%	0
132.02	Phenylalanine, Post-col OPA Der (%)	2023	0.78000	0.02000	0.79025	0.01450	0.01210	2	-0.71	1%	0
132.02	Phenylalanine, Post-col OPA Der (%)	0098	0.80050	0.00420	0.79025	0.01450	0.01210	2	0.71	1%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	0008	0.72550	0.00100	0.75050	0.02992	0.02000	4	-0.84	2%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	0626	0.73050	0.00900	0.75050	0.02992	0.02000	4	-0.67	1%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	0939	0.75500	0.01000	0.75050	0.02992	0.02000	4	0.15	0%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	0676	0.79100	0.06000	0.75050	0.02992	0.02000	4	1.35	3%	0
132.99	Phenylalanine, Miscellaneous (%)	0904	0.71500	0.05000			0.05000	1			
133.00	Proline, Post-col Ninhydrin Der (%)	0675	0.96500	0.01000	1.0774	0.03335	0.01753	15	-3.37	5%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0868	1.0347	0.00170	1.0774	0.03335	0.01753	15	-1.28	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0878	1.0520	0.00600	1.0774	0.03335	0.01753	15	-0.76	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0504	1.0600	0.04000	1.0774	0.03335	0.01753	15	-0.52	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0941	1.0600	0.00000	1.0774	0.03335	0.01753	15	-0.52	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0571	1.0615	0.02700	1.0774	0.03335	0.01753	15	-0.48	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0652	1.0650	0.01000	1.0774	0.03335	0.01753	15	-0.37	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	2059	1.0725	0.00100	1.0774	0.03335	0.01753	15	-0.15	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0910	1.0850	0.07000	1.0774	0.03335	0.01753	15	0.23	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0644	1.0860	0.00400	1.0774	0.03335	0.01753	15	0.26	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0968	1.0920	0.00200	1.0774	0.03335	0.01753	15	0.44	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0227	1.1200	0.00000	1.0774	0.03335	0.01753	15	1.28	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0684	1.1535	0.01100	1.0774	0.03335	0.01753	15	2.28	4%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0918	1.1800	0.05020	1.0774	0.03335	0.01753	15	3.08	5%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0619	1.3250	0.03000	1.0774	0.03335	0.01753	15	7.42	11%	0
133.05	Proline, Pre-col AQC Der (%)	0008	1.0885	0.05100	1.1130	0.02119	0.02200	4	-1.16	1%	0
133.05	Proline, Pre-col AQC Der (%)	0626	1.1090	0.00000	1.1130	0.02119	0.02200	4	-0.19	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
133.05	Proline, Pre-col AQC Der (%)	0676	1.1145	0.01700	1.1130	0.02119	0.02200	4	0.07	0%	0
133.05	Proline, Pre-col AQC Der (%)	0939	1.1400	0.02000	1.1130	0.02119	0.02200	4	1.27	1%	0
133.99	Proline, Miscellaneous (%)	0904	1.5700	0.06000	1.6675	0.13789	0.04500	2	-0.71	3%	0
133.99	Proline, Miscellaneous (%)	2023	1.7650	0.03000	1.6675	0.13789	0.04500	2	0.71	3%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0675	0.66500	0.01000	0.78311	0.03286	0.00981	15	-3.59	8%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0504	0.67500	0.01000	0.78311	0.03286	0.00981	15	-3.29	7%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0652	0.75000	0.00000	0.78311	0.03286	0.00981	15	-1.01	2%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0644	0.76200	0.00400	0.78311	0.03286	0.00981	15	-0.64	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0918	0.76800	0.00520	0.78311	0.03286	0.00981	15	-0.46	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0878	0.77600	0.01800	0.78311	0.03286	0.00981	15	-0.22	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0968	0.78050	0.01500	0.78311	0.03286	0.00981	15	-0.08	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	2059	0.78100	0.00400	0.78311	0.03286	0.00981	15	-0.06	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0941	0.78500	0.01000	0.78311	0.03286	0.00981	15	0.06	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0571	0.78950	0.00300	0.78311	0.03286	0.00981	15	0.19	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0868	0.79245	0.00190	0.78311	0.03286	0.00981	15	0.28	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0910	0.81500	0.01000	0.78311	0.03286	0.00981	15	0.97	2%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0619	0.83100	0.01800	0.78311	0.03286	0.00981	15	1.46	3%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0227	0.85500	0.01000	0.78311	0.03286	0.00981	15	2.19	5%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0684	0.86000	0.02800	0.78311	0.03286	0.00981	15	2.34	5%	0
134.01	Serine, Pre-col OPA Der (%)	0297	0.76400	0.02600			0.02600	1			
134.02	Serine, Post-col OPA Der (%)	0098	0.74675	0.00970	0.79588	0.06947	0.00985	2	-0.71	3%	0
134.02	Serine, Post-col OPA Der (%)	2023	0.84500	0.01000	0.79588	0.06947	0.00985	2	0.71	3%	0
134.05	Serine, Pre-col AQC Der (%)	0939	0.74500	0.01000	0.78863	0.05255	0.03175	4	-0.83	3%	0
134.05	Serine, Pre-col AQC Der (%)	0676	0.75350	0.06100	0.78863	0.05255	0.03175	4	-0.67	2%	0
134.05	Serine, Pre-col AQC Der (%)	0626	0.79600	0.02000	0.78863	0.05255	0.03175	4	0.14	0%	0
134.05	Serine, Pre-col AQC Der (%)	0008	0.86000	0.03600	0.78863	0.05255	0.03175	4	1.36	5%	0
134.99	Serine, Miscellaneous (%)	0904	0.89000	0.04000			0.04000	1			
135.00	Threonine, Post-col Ninhydrin Der (%)	0675	0.54500	0.01000	0.60123	0.02416	0.00717	16	-2.33	5%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0652	0.56500	0.01000	0.60123	0.02416	0.00717	16	-1.50	3%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0868	0.58660	0.00340	0.60123	0.02416	0.00717	16	-0.61	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0878	0.58900	0.01200	0.60123	0.02416	0.00717	16	-0.51	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0968	0.58900	0.00000	0.60123	0.02416	0.00717	16	-0.51	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0504	0.59000	0.02000	0.60123	0.02416	0.00717	16	-0.46	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	2059	0.59250	0.00300	0.60123	0.02416	0.00717	16	-0.36	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0941	0.59500	0.01000	0.60123	0.02416	0.00717	16	-0.26	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0571	0.59800	0.00200	0.60123	0.02416	0.00717	16	-0.13	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0644	0.60250	0.00100	0.60123	0.02416	0.00717	16	0.05	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	2022	0.61500	0.01000	0.60123	0.02416	0.00717	16	0.57	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0910	0.62000	0.00000	0.60123	0.02416	0.00717	16	0.78	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0918	0.62785	0.00330	0.60123	0.02416	0.00717	16	1.10	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0619	0.62850	0.01700	0.60123	0.02416	0.00717	16	1.13	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0684	0.65850	0.00300	0.60123	0.02416	0.00717	16	2.37	5%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
135.00	Threonine, Post-col Ninhydrin Der (%)	0227	0.67500	0.01000	0.60123	0.02416	0.00717	16	3.05	6%	0
135.01	Threonine, Pre-col OPA Der (%)	2022	0.58000	0.00000	0.60000	0.02828	0.00500	2	-0.71	2%	0
135.01	Threonine, Pre-col OPA Der (%)	0297	0.62000	0.01000	0.60000	0.02828	0.00500	2	0.71	2%	0
135.02	Threonine, Post-col OPA Der (%)	2023	0.56500	0.01000	0.58215	0.02425	0.00800	2	-0.71	1%	0
135.02	Threonine, Post-col OPA Der (%)	0098	0.59930	0.00600	0.58215	0.02425	0.00800	2	0.71	1%	0
135.05	Threonine, Pre-col AQC Der (%)	0939	0.58500	0.01000	0.59113	0.00569	0.02475	4	-1.08	1%	0
135.05	Threonine, Pre-col AQC Der (%)	0626	0.58900	0.00000	0.59113	0.00569	0.02475	4	-0.37	0%	0
135.05	Threonine, Pre-col AQC Der (%)	0008	0.59200	0.04000	0.59113	0.00569	0.02475	4	0.15	0%	0
135.05	Threonine, Pre-col AQC Der (%)	0676	0.59850	0.04900	0.59113	0.00569	0.02475	4	1.30	1%	0
135.99	Threonine, Miscellaneous (%)	0904	0.63000	0.04000			0.04000	1			
136.00	Tryptophan, Alka-Hydrol Post-col Ninhydrin (%)	0941	0.20000	0.00000	0.21708	0.01740	0.01170	4	-0.98	4%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhydrin (%)	0918	0.20430	0.04080	0.21708	0.01740	0.01170	4	-0.73	3%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhydrin (%)	0227	0.23000	0.00000	0.21708	0.01740	0.01170	4	0.74	3%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhydrin (%)	0684	0.23400	0.00600	0.21708	0.01740	0.01170	4	0.97	4%	0
136.01	Tryptophan, Alka-Hydrol Rev Phase LC UV (%)	0878	0.20500	0.00200	0.21480	0.00716	0.00160	5	-1.37	2%	0
136.01	Tryptophan, Alka-Hydrol Rev Phase LC UV (%)	2059	0.20950	0.00100	0.21480	0.00716	0.00160	5	-0.74	1%	0
136.01	Tryptophan, Alka-Hydrol Rev Phase LC UV (%)	0868	0.21850	0.00300	0.21480	0.00716	0.00160	5	0.52	1%	0
136.01	Tryptophan, Alka-Hydrol Rev Phase LC UV (%)	0571	0.21950	0.00100	0.21480	0.00716	0.00160	5	0.66	1%	0
136.01	Tryptophan, Alka-Hydrol Rev Phase LC UV (%)	0644	0.22150	0.00100	0.21480	0.00716	0.00160	5	0.94	2%	0
136.01	Tryptophan, Alka-Hydrol Rev Phase LC UV (%)	0008	0.15750	0.01300	0.21480	0.00716	0.00160	5	-8.01	13%	1
136.02	Tryptophan, Alka-Hydrol Post-col OPA Der (%)	2023	0.19500	0.01000	0.20600	0.01556	0.00700	2	-0.71	3%	0
136.02	Tryptophan, Alka-Hydrol Post-col OPA Der (%)	0098	0.21700	0.00400	0.20600	0.01556	0.00700	2	0.71	3%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0297	0.19700	0.00000	0.20825	0.01591	0.00150	2	-0.71	3%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0619	0.21950	0.00300	0.20825	0.01591	0.00150	2	0.71	3%	0
136.99	Tryptophan, Miscellaneous (%)	0504	0.23000	0.08000			0.08000	1			
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0675	0.44500	0.01000	0.51812	0.06023	0.01628	10	-1.21	7%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0910	0.45500	0.05000	0.51812	0.06023	0.01628	10	-1.05	6%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0227	0.46000	0.00000	0.51812	0.06023	0.01628	10	-0.97	6%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0504	0.48500	0.03000	0.51812	0.06023	0.01628	10	-0.55	3%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	2059	0.53400	0.00200	0.51812	0.06023	0.01628	10	0.26	2%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0644	0.53900	0.01000	0.51812	0.06023	0.01628	10	0.35	2%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0941	0.54000	0.04000	0.51812	0.06023	0.01628	10	0.36	2%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0968	0.55300	0.00600	0.51812	0.06023	0.01628	10	0.58	3%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0684	0.57450	0.00700	0.51812	0.06023	0.01628	10	0.94	5%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0918	0.59570	0.00780	0.51812	0.06023	0.01628	10	1.29	7%	0
137.01	Tyrosine, Pre-col OPA Der (%)	0297	0.56200	0.00400			0.00400	1			
137.02	Tyrosine, Post-col OPA Der (%)	0098	0.47230	0.02160	0.47365	0.00191	0.01580	2	-0.71	0%	0
137.02	Tyrosine, Post-col OPA Der (%)	2023	0.47500	0.01000	0.47365	0.00191	0.01580	2	0.71	0%	0
137.05	Tyrosine, Pre-col AQC Der (%)	0008	0.43400	0.00400	0.49163	0.06293	0.01625	4	-0.92	6%	0
137.05	Tyrosine, Pre-col AQC Der (%)	0626	0.44250	0.03100	0.49163	0.06293	0.01625	4	-0.78	5%	0
137.05	Tyrosine, Pre-col AQC Der (%)	0939	0.53000	0.00000	0.49163	0.06293	0.01625	4	0.61	4%	0
137.05	Tyrosine, Pre-col AQC Der (%)	0676	0.56000	0.03000	0.49163	0.06293	0.01625	4	1.09	7%	0

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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
137.99	Tyrosine, Miscellaneous (%)	0904	0.52000	0.04000			0.04000	1			
138.00	Valine, Post-col Ninhydrin Der (%)	0941	0.70000	0.02000	0.77519	0.02943	0.01463	16	-2.56	5%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0910	0.73500	0.03000	0.77519	0.02943	0.01463	16	-1.37	3%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0684	0.73600	0.02200	0.77519	0.02943	0.01463	16	-1.33	3%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0652	0.74500	0.01000	0.77519	0.02943	0.01463	16	-1.03	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0968	0.75500	0.00000	0.77519	0.02943	0.01463	16	-0.69	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0868	0.76775	0.00610	0.77519	0.02943	0.01463	16	-0.25	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	2022	0.77500	0.03000	0.77519	0.02943	0.01463	16	-0.01	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0644	0.77700	0.00400	0.77519	0.02943	0.01463	16	0.06	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0571	0.78300	0.00400	0.77519	0.02943	0.01463	16	0.27	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0504	0.78500	0.03000	0.77519	0.02943	0.01463	16	0.33	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	2059	0.78750	0.00700	0.77519	0.02943	0.01463	16	0.42	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0878	0.78850	0.00500	0.77519	0.02943	0.01463	16	0.45	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0227	0.79000	0.02000	0.77519	0.02943	0.01463	16	0.50	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0918	0.80525	0.00790	0.77519	0.02943	0.01463	16	1.02	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0619	0.80900	0.02800	0.77519	0.02943	0.01463	16	1.15	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0675	0.83500	0.01000	0.77519	0.02943	0.01463	16	2.03	4%	0
138.01	Valine, Pre-col OPA Der (%)	2022	0.79000	0.00000	0.80800	0.02546	0.00600	2	-0.71	1%	0
138.01	Valine, Pre-col OPA Der (%)	0297	0.82600	0.01200	0.80800	0.02546	0.00600	2	0.71	1%	0
138.02	Valine, Post-col OPA Der (%)	2023	0.69500	0.01000	0.75930	0.09093	0.01100	2	-0.71	4%	0
138.02	Valine, Post-col OPA Der (%)	0098	0.82360	0.01200	0.75930	0.09093	0.01100	2	0.71	4%	0
138.05	Valine, Pre-col AQC Der (%)	0008	0.62550	0.00100	0.77475	0.10515	0.01700	4	-1.42	10%	0
138.05	Valine, Pre-col AQC Der (%)	0939	0.78500	0.01000	0.77475	0.10515	0.01700	4	0.10	1%	0
138.05	Valine, Pre-col AQC Der (%)	0626	0.82050	0.01500	0.77475	0.10515	0.01700	4	0.44	3%	0
138.05	Valine, Pre-col AQC Der (%)	0676	0.86800	0.04200	0.77475	0.10515	0.01700	4	0.89	6%	0
138.99	Valine, Miscellaneous (%)	0904	0.78000	0.02000			0.02000	1			
139.00	Taurine, Post-col Ninhydrin Der (%)	0504	0.09500	0.01000	0.10750	0.01768	0.00500	2	-0.71	6%	0
139.00	Taurine, Post-col Ninhydrin Der (%)	0941	0.12000	0.00000	0.10750	0.01768	0.00500	2	0.71	6%	0
139.02	Taurine, Post-col OPA Der (%)	0098	0.00000	0.00000	0.00000	0.00000	0.00000	2	0.00		0
139.02	Taurine, Post-col OPA Der (%)	2023	0.00000	0.00000	0.00000	0.00000	0.00000	2	0.00		0
150.00	Phytase, Spectrophotometer (Units / kg)	2022	907.50	71.000	1,147.0	228.82	65.133	6	-1.05	10%	0
150.00	Phytase, Spectrophotometer (Units / kg)	0610	1,009.5	81.000	1,147.0	228.82	65.133	6	-0.60	6%	0
150.00	Phytase, Spectrophotometer (Units / kg)	0027	1,052.7	19.800	1,147.0	228.82	65.133	6	-0.41	4%	0
150.00	Phytase, Spectrophotometer (Units / kg)	0619	1,132.0	0.00000	1,147.0	228.82	65.133	6	-0.07	1%	0
150.00	Phytase, Spectrophotometer (Units / kg)	0047	1,402.5	29.000	1,147.0	228.82	65.133	6	1.12	11%	0
150.00	Phytase, Spectrophotometer (Units / kg)	0171	1,475.0	190.00	1,147.0	228.82	65.133	6	1.43	14%	0
150.99	Phytase, Miscellaneous (Units / kg)	2067	800.00	20.000	898.10	138.73	67.300	2	-0.71	5%	0
150.99	Phytase, Miscellaneous (Units / kg)	0218	996.20	114.60	898.10	138.73	67.300	2	0.71	5%	0
160.99	Fructose, Miscellaneous (%)	0297	0.14850	0.01300	0.29463	0.10753	0.01825	4	-1.36	25%	0
160.99	Fructose, Miscellaneous (%)	0227	0.28000	0.02000	0.29463	0.10753	0.01825	4	-0.14	2%	0
160.99	Fructose, Miscellaneous (%)	0148	0.36500	0.01000	0.29463	0.10753	0.01825	4	0.65	12%	0
160.99	Fructose, Miscellaneous (%)	0904	0.38500	0.03000	0.29463	0.10753	0.01825	4	0.84	15%	0



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161.99	Galactose, Miscellaneous (%)	0297	0.00000	0.00000			0.00000	1			
162.99	Glucose, Miscellaneous (%)	0227	0.32000	0.04000	0.48210	0.24036	0.02300	5	-0.67	17%	0
162.99	Glucose, Miscellaneous (%)	0148	0.32500	0.03000	0.48210	0.24036	0.02300	5	-0.65	16%	0
162.99	Glucose, Miscellaneous (%)	0904	0.41500	0.01000	0.48210	0.24036	0.02300	5	-0.28	7%	0
162.99	Glucose, Miscellaneous (%)	0297	0.45050	0.03500	0.48210	0.24036	0.02300	5	-0.13	3%	0
162.99	Glucose, Miscellaneous (%)	0629	0.90000	0.00000	0.48210	0.24036	0.02300	5	1.74	43%	0
163.99	Lactose, Miscellaneous (%)	0148	0.00000	0.00000	0.00000	0.00000	0.00000	2	0.00		0
163.99	Lactose, Miscellaneous (%)	0297	0.00000	0.00000	0.00000	0.00000	0.00000	2	0.00		0
164.99	Maltose, Miscellaneous (%)	0148	0.22500	0.07000	0.40650	0.15505	0.04650	4	-1.17	22%	0
164.99	Maltose, Miscellaneous (%)	0297	0.33100	0.01600	0.40650	0.15505	0.04650	4	-0.49	9%	0
164.99	Maltose, Miscellaneous (%)	0904	0.52000	0.10000	0.40650	0.15505	0.04650	4	0.73	14%	0
164.99	Maltose, Miscellaneous (%)	0629	0.55000	0.00000	0.40650	0.15505	0.04650	4	0.93	18%	0
165.99	Sucrose, Miscellaneous (%)	0629	1.9000	0.00000	2.2145	0.26802	0.06180	5	-1.17	7%	0
165.99	Sucrose, Miscellaneous (%)	0148	2.1250	0.03000	2.2145	0.26802	0.06180	5	-0.33	2%	0
165.99	Sucrose, Miscellaneous (%)	0904	2.1400	0.12000	2.2145	0.26802	0.06180	5	-0.28	2%	0
165.99	Sucrose, Miscellaneous (%)	0227	2.2800	0.08000	2.2145	0.26802	0.06180	5	0.24	1%	0
165.99	Sucrose, Miscellaneous (%)	0297	2.6275	0.07900	2.2145	0.26802	0.06180	5	1.54	9%	0
166.99	Raffinose, Miscellaneous (%)	0297	0.62850	0.02300			0.02300	1			
167.99	Stachyose, Miscellaneous (%)	0297	0.63550	0.02300			0.02300	1			
200.99	Arachidonic Acid, Miscellaneous (%)	0008	0.00000	0.00000			0.00000	1			
210.99	Linoleic Acid, Miscellaneous (%)	0008	2.4200	0.06000			0.06000	1			
400.01	Water activity, Aqualab chilled mirror (Units)	0589	0.51550	0.00100	0.55348	0.03475	0.00480	4	-1.09	3%	0
400.01	Water activity, Aqualab chilled mirror (Units)	0942	0.54500	0.01000	0.55348	0.03475	0.00480	4	-0.24	1%	0
400.01	Water activity, Aqualab chilled mirror (Units)	0008	0.55400	0.00600	0.55348	0.03475	0.00480	4	0.02	0%	0
400.01	Water activity, Aqualab chilled mirror (Units)	0552	0.59940	0.00220	0.55348	0.03475	0.00480	4	1.32	4%	0
516.00	Arsenic, total, AA, Hydride (mg / kg (ppm))	0171	0.08230	0.00000	0.09338	0.01466	0.00397	3	-0.76	6%	0
516.00	Arsenic, total, AA, Hydride (mg / kg (ppm))	0563	0.08785	0.01190	0.09338	0.01466	0.00397	3	-0.38	3%	0
516.00	Arsenic, total, AA, Hydride (mg / kg (ppm))	0939	0.11000	0.00000	0.09338	0.01466	0.00397	3	1.13	9%	0
516.42	Arsenic, total, ICP, Open vessel (mg / kg (ppm))	0619	0.10850	0.00700			0.00700	1			
516.52	Arsenic, total, ICP-MS, Open vessel (mg / kg (ppm))	0555	0.02850	0.05700	0.05425	0.03642	0.02850	2	-0.71	24%	0
516.52	Arsenic, total, ICP-MS, Open vessel (mg / kg (ppm))	0910	0.08000	0.00000	0.05425	0.03642	0.02850	2	0.71	24%	0
516.53	Arsenic, total, ICP-MS, Microwave (mg / kg (ppm))	0918	0.05225	0.01530	0.08084	0.02358	0.00840	5	-1.21	18%	0
516.53	Arsenic, total, ICP-MS, Microwave (mg / kg (ppm))	0553	0.06735	0.00210	0.08084	0.02358	0.00840	5	-0.57	8%	0
516.53	Arsenic, total, ICP-MS, Microwave (mg / kg (ppm))	0168	0.07460	0.00860	0.08084	0.02358	0.00840	5	-0.26	4%	0
516.53	Arsenic, total, ICP-MS, Microwave (mg / kg (ppm))	0098	0.10200	0.01400	0.08084	0.02358	0.00840	5	0.90	13%	0
516.53	Arsenic, total, ICP-MS, Microwave (mg / kg (ppm))	0227	0.10800	0.00200	0.08084	0.02358	0.00840	5	1.15	17%	0
518.31	Cadmium, AAS, Dry ash (mg / kg (ppm))	0673	0.00000	0.00000			0.00000	1			
518.34	Cadmium, AAS, Graphite furnace (mg / kg (ppm))	0563	0.14000	0.00000	0.17500	0.04950	0.06000	2	-0.71	10%	0
518.34	Cadmium, AAS, Graphite furnace (mg / kg (ppm))	0904	0.21000	0.12000	0.17500	0.04950	0.06000	2	0.71	10%	0
518.41	Cadmium, ICP, Dry ash (mg / kg (ppm))	0619	0.05750	0.00900	0.07865	0.02311	0.00710	5	-0.92	13%	0
518.41	Cadmium, ICP, Dry ash (mg / kg (ppm))	0695	0.05900	0.00200	0.07865	0.02311	0.00710	5	-0.85	12%	0
518.41	Cadmium, ICP, Dry ash (mg / kg (ppm))	0968	0.07000	0.00000	0.07865	0.02311	0.00710	5	-0.37	5%	0

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518.41	Cadmium, ICP, Dry ash (mg / kg (ppm))	0011	0.10175	0.01450	0.07865	0.02311	0.00710	5	1.00	15%	0
518.41	Cadmium, ICP, Dry ash (mg / kg (ppm))	0171	0.10500	0.01000	0.07865	0.02311	0.00710	5	1.14	17%	0
518.43	Cadmium, ICP, Microwave (mg / kg (ppm))	0425	0.00000	0.00000	0.08750	0.12374	0.02500	2	-0.71	50%	0
518.43	Cadmium, ICP, Microwave (mg / kg (ppm))	2012	0.17500	0.05000	0.08750	0.12374	0.02500	2	0.71	50%	0
518.52	Cadmium, ICP-MS, Open vessel (mg / kg (ppm))	0555	0.06000	0.00800	0.07500	0.02121	0.00400	2	-0.71	10%	0
518.52	Cadmium, ICP-MS, Open vessel (mg / kg (ppm))	0910	0.09000	0.00000	0.07500	0.02121	0.00400	2	0.71	10%	0
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	0227	0.08000	0.00200	0.09312	0.00899	0.00420	5	-1.46	7%	0
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	0553	0.08760	0.00020	0.09312	0.00899	0.00420	5	-0.61	3%	0
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	0098	0.09800	0.01600	0.09312	0.00899	0.00420	5	0.54	3%	0
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	0168	0.09895	0.00110	0.09312	0.00899	0.00420	5	0.65	3%	0
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	0918	0.10105	0.00170	0.09312	0.00899	0.00420	5	0.88	4%	0
520.31	Chromium, AAS, Dry ash (mg / kg (ppm))	0563	1.1500	0.10000	1.5750	0.60104	0.25000	2	-0.71	13%	0
520.31	Chromium, AAS, Dry ash (mg / kg (ppm))	0673	2.0000	0.40000	1.5750	0.60104	0.25000	2	0.71	13%	0
520.34	Chromium, AAS, Graphite furnace (mg / kg (ppm))	0904	2.0000	1.3800			1.3800	1			
520.41	Chromium, ICP, Dry ash (mg / kg (ppm))	0619	1.8200	0.12000	1.8996	0.08000	0.09183	3	-0.99	2%	0
520.41	Chromium, ICP, Dry ash (mg / kg (ppm))	0011	1.8988	0.03550	1.8996	0.08000	0.09183	3	-0.01	0%	0
520.41	Chromium, ICP, Dry ash (mg / kg (ppm))	0171	1.9800	0.12000	1.8996	0.08000	0.09183	3	1.01	2%	0
520.43	Chromium, ICP, Microwave (mg / kg (ppm))	0027	1.3855	0.09300	2.0781	0.49142	0.08460	5	-1.41	17%	0
520.43	Chromium, ICP, Microwave (mg / kg (ppm))	0629	1.9250	0.01000	2.0781	0.49142	0.08460	5	-0.31	4%	0
520.43	Chromium, ICP, Microwave (mg / kg (ppm))	0510	2.1350	0.07000	2.0781	0.49142	0.08460	5	0.12	1%	0
520.43	Chromium, ICP, Microwave (mg / kg (ppm))	0425	2.2000	0.00000	2.0781	0.49142	0.08460	5	0.25	3%	0
520.43	Chromium, ICP, Microwave (mg / kg (ppm))	2012	2.7450	0.25000	2.0781	0.49142	0.08460	5	1.36	16%	0
520.52	Chromium, ICP-MS, Open vessel (mg / kg (ppm))	0555	1.1000	0.20000			0.20000	1			
520.53	Chromium, ICP-MS, Microwave (mg / kg (ppm))	0918	1.7551	0.08130	2.3736	0.46720	0.15008	4	-1.32	13%	0
520.53	Chromium, ICP-MS, Microwave (mg / kg (ppm))	0553	2.4050	0.09000	2.3736	0.46720	0.15008	4	0.07	1%	0
520.53	Chromium, ICP-MS, Microwave (mg / kg (ppm))	2023	2.4450	0.27000	2.3736	0.46720	0.15008	4	0.15	2%	0
520.53	Chromium, ICP-MS, Microwave (mg / kg (ppm))	0168	2.8895	0.15900	2.3736	0.46720	0.15008	4	1.10	11%	0
520.99	Chromium, Miscellaneous (mg / kg (ppm))	0968	2.7450	0.11000			0.11000	1			
526.31	Lead, AAS, Dry ash (mg / kg (ppm))	0673	0.00000	0.00000	0.00000	0.00000	0.00000	2	0.00		0
526.31	Lead, AAS, Dry ash (mg / kg (ppm))	0921	0.00000	0.00000	0.00000	0.00000	0.00000	2	0.00		0
526.34	Lead, AAS, Graphite furnace (mg / kg (ppm))	0563	0.01000	0.00000			0.00000	1			
526.41	Lead, ICP, Dry ash (mg / kg (ppm))	0619	0.00000	0.00000	0.11500	0.16263	0.01000	2	-0.71	50%	0
526.41	Lead, ICP, Dry ash (mg / kg (ppm))	0171	0.23000	0.02000	0.11500	0.16263	0.01000	2	0.71	50%	0
526.43	Lead, ICP, Microwave (mg / kg (ppm))	0425	0.00000	0.00000	0.78000	1.1031	0.07000	2	-0.71	50%	0
526.43	Lead, ICP, Microwave (mg / kg (ppm))	2012	1.5600	0.14000	0.78000	1.1031	0.07000	2	0.71	50%	0
526.52	Lead, ICP-MS, Open vessel (mg / kg (ppm))	0555	0.00000	0.00000	0.06000	0.08485	0.01000	2	-0.71	50%	0
526.52	Lead, ICP-MS, Open vessel (mg / kg (ppm))	0910	0.12000	0.02000	0.06000	0.08485	0.01000	2	0.71	50%	0
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	0098	0.00000	0.00000	0.08130	0.05011	0.00576	5	-1.62	50%	0
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	0553	0.08200	0.00300	0.08130	0.05011	0.00576	5	0.01	0%	0
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	0227	0.08300	0.00000	0.08130	0.05011	0.00576	5	0.03	1%	0
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	0168	0.10810	0.01720	0.08130	0.05011	0.00576	5	0.53	16%	0
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	0918	0.13340	0.00860	0.08130	0.05011	0.00576	5	1.04	32%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
529.00	Mercury, Cold vapor (µg / kg (ppb))	0425	0.00000	0.00000			0.00000	1			
529.99	Mercury, Miscellaneous (µg / kg (ppb))	0904	3.4150	0.17000	12.472	11.938	0.72333	3	-0.76	36%	0
529.99	Mercury, Miscellaneous (µg / kg (ppb))	0171	8.0000	2.0000	12.472	11.938	0.72333	3	-0.37	18%	0
529.99	Mercury, Miscellaneous (µg / kg (ppb))	0918	26.000	0.00000	12.472	11.938	0.72333	3	1.13	54%	0
539.31	Nickel, AAS, Dry ash (mg / kg (ppm))	0673	1.8500	0.10000			0.10000	1			
539.34	Nickel, AAS, Graphite furnace (mg / kg (ppm))	0904	2.7750	0.73000			0.73000	1			
539.41	Nickel, ICP, Dry ash (mg / kg (ppm))	0011	1.8188	0.03750			0.03750	1			
539.43	Nickel, ICP, Microwave (mg / kg (ppm))	0629	1.6800	0.00000	1.9207	0.26833	0.03533	3	-0.90	6%	0
539.43	Nickel, ICP, Microwave (mg / kg (ppm))	0027	1.8720	0.10600	1.9207	0.26833	0.03533	3	-0.18	1%	0
539.43	Nickel, ICP, Microwave (mg / kg (ppm))	0425	2.2100	0.00000	1.9207	0.26833	0.03533	3	1.08	8%	0
539.52	Nickel, ICP-MS, Open vessel (mg / kg (ppm))	0555	3.4000	0.40000			0.40000	1			
539.53	Nickel, ICP-MS, Microwave (mg / kg (ppm))	0941	1.3560	0.00000	2.0197	0.47195	0.12845	4	-1.41	16%	0
539.53	Nickel, ICP-MS, Microwave (mg / kg (ppm))	0553	2.0600	0.08000	2.0197	0.47195	0.12845	4	0.09	1%	0
539.53	Nickel, ICP-MS, Microwave (mg / kg (ppm))	2023	2.2050	0.17000	2.0197	0.47195	0.12845	4	0.39	5%	0
539.53	Nickel, ICP-MS, Microwave (mg / kg (ppm))	0918	2.4576	0.26380	2.0197	0.47195	0.12845	4	0.93	11%	0
600.01	Total Aflatoxin, Neogen Veratox Aflatoxin (µg / kg	0028	1.9000	0.40000							
600.01	Total Aflatoxin, Neogen Veratox Aflatoxin (µg / kg	0723	3.4200	0.00000							
600.01	Total Aflatoxin, Neogen Veratox Aflatoxin (µg / kg	2006	8.4000	2.6000							
600.03	Total Aflatoxin, Charm ROSA Fast Aflatoxin Quan	0589	2.5000	1.0000							
600.11	Total Aflatoxin, r-Biopharm Ridascreen Aflatoxin tc	0880	3.6000	0.00000							
600.20	Total Aflatoxin, LC (µg / kg (ppb))	0042	3.0000	6.0000							
610.01	Deoxynivalenol, Neogen Veratox for DON (µg / kg	0028	250.00	100.00							
610.01	Deoxynivalenol, Neogen Veratox for DON (µg / kg	0227	1,500.0	0.00000							
620.04	Total Fumonisin, Charm ROSA Fast 5 FUMQ (µg.	0589	1,025.0	150.00							
640.01	T-2, Neogen Veratox T-2 / HT-2 (µg / kg (ppb))	0227	110.30	13.400							
650.01	Zearalenone, Neogen Veratox Zearalenone (µg / t	0227	135.00	12.000							