



Proficiency For Individual Methods

Sample # 201528

Dog Food

All Tests Report  
Regular Program

# Labs Reporting: 232

Issue Date : 09/30/2015

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	0.20000	0.00000			0.00000	1			0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	2048	3.1765	0.10300	7.2334	0.34280	0.10665	8	-11.83	28%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0034	6.4900	0.04000	7.2334	0.34280	0.10665	8	-2.17	5%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	2106	6.7250	0.09000	7.2334	0.34280	0.10665	8	-1.48	4%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0615	7.2900	0.06000	7.2334	0.34280	0.10665	8	0.17	0%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0169	7.3800	0.04000	7.2334	0.34280	0.10665	8	0.43	1%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0027	7.4715	0.07100	7.2334	0.34280	0.10665	8	0.69	2%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0309	7.4913	0.17920	7.2334	0.34280	0.10665	8	0.75	2%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0596	7.5850	0.27000	7.2334	0.34280	0.10665	8	1.03	2%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0504	7.7050	0.67000	7.2334	0.34280	0.10665	8	1.38	3%	1
001.03	Loss on Drying, Low temp. methods (%)	0893	6.9550	0.01000	7.1745	0.14904	0.01606	10	-1.47	2%	0
001.03	Loss on Drying, Low temp. methods (%)	2091	7.0250	0.05000	7.1745	0.14904	0.01606	10	-1.00	1%	0
001.03	Loss on Drying, Low temp. methods (%)	2062	7.0900	0.03060	7.1745	0.14904	0.01606	10	-0.57	1%	0
001.03	Loss on Drying, Low temp. methods (%)	0900	7.1550	0.03000	7.1745	0.14904	0.01606	10	-0.13	0%	0
001.03	Loss on Drying, Low temp. methods (%)	0903	7.1550	0.01000	7.1745	0.14904	0.01606	10	-0.13	0%	0
001.03	Loss on Drying, Low temp. methods (%)	0934	7.1650	0.01000	7.1745	0.14904	0.01606	10	-0.06	0%	0
001.03	Loss on Drying, Low temp. methods (%)	0895	7.2050	0.01000	7.1745	0.14904	0.01606	10	0.20	0%	0
001.03	Loss on Drying, Low temp. methods (%)	2086	7.2700	0.00000	7.1745	0.14904	0.01606	10	0.64	1%	0
001.03	Loss on Drying, Low temp. methods (%)	0937	7.4050	0.01000	7.1745	0.14904	0.01606	10	1.55	2%	0
001.03	Loss on Drying, Low temp. methods (%)	0897	7.5800	0.00000	7.1745	0.14904	0.01606	10	2.72	3%	0
001.03	Loss on Drying, Low temp. methods (%)	0868	6.5550	0.09000	7.1745	0.14904	0.01606	10	-4.16	4%	1
001.05	Loss on Drying, LECO (%)	0610	7.1850	0.03000			0.03000	1			0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0872	6.8350	0.09000	7.2838	0.33079	0.10614	35	-1.36	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0353	6.8600	0.02000	7.2838	0.33079	0.10614	35	-1.28	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0845	6.9150	0.09000	7.2838	0.33079	0.10614	35	-1.11	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0035	6.9400	0.04000	7.2838	0.33079	0.10614	35	-1.04	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0413	6.9500	0.10000	7.2838	0.33079	0.10614	35	-1.01	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0074	6.9800	0.26000	7.2838	0.33079	0.10614	35	-0.92	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0571	6.9800	0.28000	7.2838	0.33079	0.10614	35	-0.92	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0083	7.0050	0.17000	7.2838	0.33079	0.10614	35	-0.84	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0843	7.0250	0.07000	7.2838	0.33079	0.10614	35	-0.78	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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001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0178	7.0550	0.23000	7.2838	0.33079	0.10614	35	-0.69	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0581	7.0850	0.03000	7.2838	0.33079	0.10614	35	-0.60	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0098	7.1200	0.54000	7.2838	0.33079	0.10614	35	-0.50	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0683	7.1250	0.11000	7.2838	0.33079	0.10614	35	-0.48	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0297	7.1550	0.05000	7.2838	0.33079	0.10614	35	-0.39	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0896	7.1600	0.00000	7.2838	0.33079	0.10614	35	-0.37	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2011	7.1850	0.19000	7.2838	0.33079	0.10614	35	-0.30	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0613	7.1900	0.10000	7.2838	0.33079	0.10614	35	-0.28	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2012	7.2450	0.01000	7.2838	0.33079	0.10614	35	-0.12	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0689	7.2500	0.10000	7.2838	0.33079	0.10614	35	-0.10	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0089	7.2900	0.00000	7.2838	0.33079	0.10614	35	0.02	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0142	7.3100	0.04000	7.2838	0.33079	0.10614	35	0.08	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2059	7.3950	0.01000	7.2838	0.33079	0.10614	35	0.34	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0693	7.4000	0.20000	7.2838	0.33079	0.10614	35	0.35	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0065	7.4250	0.07000	7.2838	0.33079	0.10614	35	0.43	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0609	7.4500	0.10000	7.2838	0.33079	0.10614	35	0.50	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0849	7.4625	0.02500	7.2838	0.33079	0.10614	35	0.54	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0049	7.4650	0.01000	7.2838	0.33079	0.10614	35	0.55	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0015	7.5450	0.03000	7.2838	0.33079	0.10614	35	0.79	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0278	7.7250	0.09000	7.2838	0.33079	0.10614	35	1.33	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2053	7.7450	0.09000	7.2838	0.33079	0.10614	35	1.39	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0695	7.7900	0.14000	7.2838	0.33079	0.10614	35	1.53	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0366	7.8000	0.20000	7.2838	0.33079	0.10614	35	1.56	4%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0171	7.9250	0.05000	7.2838	0.33079	0.10614	35	1.94	4%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0675	9.8500	0.18000	7.2838	0.33079	0.10614	35	7.76	18%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0618	10.920	0.00000	7.2838	0.33079	0.10614	35	10.99	25%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0045	7.5000	0.80000	7.2838	0.33079	0.10614	35	0.65	1%	1
001.08	Loss on Drying, 102°C 16 hr, in meat (%)	2058	7.2700	0.04000	7.3925	0.16276	0.16000	4	-0.75	1%	0
001.08	Loss on Drying, 102°C 16 hr, in meat (%)	0590	7.2800	0.22000	7.3925	0.16276	0.16000	4	-0.69	1%	0
001.08	Loss on Drying, 102°C 16 hr, in meat (%)	0652	7.4000	0.20000	7.3925	0.16276	0.16000	4	0.05	0%	0
001.08	Loss on Drying, 102°C 16 hr, in meat (%)	2075	7.6200	0.18000	7.3925	0.16276	0.16000	4	1.40	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0618	3.7950	0.03000	7.0493	0.51899	0.08889	18	-6.27	23%	0
001.99	Loss on Drying, Miscellaneous (%)	0852	5.9050	0.07000	7.0493	0.51899	0.08889	18	-2.20	8%	0
001.99	Loss on Drying, Miscellaneous (%)	0630	6.0150	0.13000	7.0493	0.51899	0.08889	18	-1.99	7%	0
001.99	Loss on Drying, Miscellaneous (%)	0510	6.7000	0.20000	7.0493	0.51899	0.08889	18	-0.67	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0676	6.7350	0.03000	7.0493	0.51899	0.08889	18	-0.61	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0918	6.9100	0.08000	7.0493	0.51899	0.08889	18	-0.27	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0853	6.9350	0.21000	7.0493	0.51899	0.08889	18	-0.22	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0357	6.9850	0.11000	7.0493	0.51899	0.08889	18	-0.12	0%	0
001.99	Loss on Drying, Miscellaneous (%)	0889	7.0200	0.08000	7.0493	0.51899	0.08889	18	-0.06	0%	0
001.99	Loss on Drying, Miscellaneous (%)	0720	7.0400	0.08000	7.0493	0.51899	0.08889	18	-0.02	0%	0
001.99	Loss on Drying, Miscellaneous (%)	0004	7.1400	0.06000	7.0493	0.51899	0.08889	18	0.17	1%	0

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001.99	Loss on Drying, Miscellaneous (%)	0037	7.2850	0.25000	7.0493	0.51899	0.08889	18	0.45	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0948	7.3500	0.00000	7.0493	0.51899	0.08889	18	0.58	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0505	7.3650	0.01000	7.0493	0.51899	0.08889	18	0.61	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0038	7.4550	0.03000	7.0493	0.51899	0.08889	18	0.78	3%	0
001.99	Loss on Drying, Miscellaneous (%)	0629	7.5400	0.12000	7.0493	0.51899	0.08889	18	0.95	3%	0
001.99	Loss on Drying, Miscellaneous (%)	0536	8.0500	0.06000	7.0493	0.51899	0.08889	18	1.93	7%	0
001.99	Loss on Drying, Miscellaneous (%)	0876	8.2450	0.05000	7.0493	0.51899	0.08889	18	2.30	8%	0
001.99	Loss on Drying, Miscellaneous (%)	0904	6.9000	0.54000	7.0493	0.51899	0.08889	18	-0.29	1%	1
002.00	Protein, Crude (%)	0169	24.175	0.03000	24.390	0.22712	0.48500	4	-0.95	0%	0
002.00	Protein, Crude (%)	0028	24.320	0.34000	24.390	0.22712	0.48500	4	-0.31	0%	0
002.00	Protein, Crude (%)	0581	24.355	1.0500	24.390	0.22712	0.48500	4	-0.15	0%	0
002.00	Protein, Crude (%)	0845	24.710	0.52000	24.390	0.22712	0.48500	4	1.41	1%	0
002.01	Protein, Auto Kjel-Foss (%)	0889	23.660	0.40000	24.330	0.14283	0.14289	19	-4.69	1%	0
002.01	Protein, Auto Kjel-Foss (%)	0685	23.775	0.09000	24.330	0.14283	0.14289	19	-3.88	1%	0
002.01	Protein, Auto Kjel-Foss (%)	0914	23.775	0.27000	24.330	0.14283	0.14289	19	-3.88	1%	0
002.01	Protein, Auto Kjel-Foss (%)	2108	24.082	0.30760	24.330	0.14283	0.14289	19	-1.74	1%	0
002.01	Protein, Auto Kjel-Foss (%)	0164	24.215	0.13000	24.330	0.14283	0.14289	19	-0.80	0%	0
002.01	Protein, Auto Kjel-Foss (%)	0199	24.230	0.08000	24.330	0.14283	0.14289	19	-0.70	0%	0
002.01	Protein, Auto Kjel-Foss (%)	2102	24.266	0.03130	24.330	0.14283	0.14289	19	-0.45	0%	0
002.01	Protein, Auto Kjel-Foss (%)	0968	24.274	0.15800	24.330	0.14283	0.14289	19	-0.39	0%	0
002.01	Protein, Auto Kjel-Foss (%)	0062	24.340	0.04000	24.330	0.14283	0.14289	19	0.07	0%	0
002.01	Protein, Auto Kjel-Foss (%)	0881	24.349	0.03200	24.330	0.14283	0.14289	19	0.13	0%	0
002.01	Protein, Auto Kjel-Foss (%)	0652	24.350	0.10000	24.330	0.14283	0.14289	19	0.14	0%	0
002.01	Protein, Auto Kjel-Foss (%)	2023	24.355	0.01000	24.330	0.14283	0.14289	19	0.18	0%	0
002.01	Protein, Auto Kjel-Foss (%)	0152	24.400	0.20000	24.330	0.14283	0.14289	19	0.49	0%	0
002.01	Protein, Auto Kjel-Foss (%)	0723	24.410	0.00000	24.330	0.14283	0.14289	19	0.56	0%	0
002.01	Protein, Auto Kjel-Foss (%)	0653	24.425	0.07000	24.330	0.14283	0.14289	19	0.67	0%	0
002.01	Protein, Auto Kjel-Foss (%)	0896	24.430	0.02000	24.330	0.14283	0.14289	19	0.70	0%	0
002.01	Protein, Auto Kjel-Foss (%)	0610	24.500	0.40000	24.330	0.14283	0.14289	19	1.19	0%	0
002.01	Protein, Auto Kjel-Foss (%)	0043	24.545	0.29000	24.330	0.14283	0.14289	19	1.51	0%	0
002.01	Protein, Auto Kjel-Foss (%)	0870	25.010	0.08600	24.330	0.14283	0.14289	19	4.76	1%	0
002.02	Protein, Semiauto Autoanalyzer (%)	0042	24.470	0.08000			0.07665	2	-0.71	0%	0
002.02	Protein, Semiauto Autoanalyzer (%)	0036	24.544	0.07330			0.07665	2	0.71	0%	0
002.04	Protein, Copper Catalyst (%)	0405	24.225	0.17000			0.26500	2	-0.71	1%	0
002.04	Protein, Copper Catalyst (%)	0504	24.730	0.36000			0.26500	2	0.71	1%	0
002.05	Protein, Copper, Boric Acid (%)	0852	19.395	0.09000	24.406	0.35682	0.12254	42	-14.04	10%	0
002.05	Protein, Copper, Boric Acid (%)	0952	21.843	0.31100	24.406	0.35682	0.12254	42	-7.18	5%	0
002.05	Protein, Copper, Boric Acid (%)	0921	23.470	0.00000	24.406	0.35682	0.12254	42	-2.62	2%	0
002.05	Protein, Copper, Boric Acid (%)	0620	23.471	0.04650	24.406	0.35682	0.12254	42	-2.62	2%	0
002.05	Protein, Copper, Boric Acid (%)	0536	23.650	0.48000	24.406	0.35682	0.12254	42	-2.12	2%	0
002.05	Protein, Copper, Boric Acid (%)	0651	23.836	0.09300	24.406	0.35682	0.12254	42	-1.60	1%	0
002.05	Protein, Copper, Boric Acid (%)	2106	23.890	0.22000	24.406	0.35682	0.12254	42	-1.44	1%	0

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002.05	Protein, Copper, Boric Acid (%)	2091	23.940	0.14000	24.406	0.35682	0.12254	42	-1.30	1%	0
002.05	Protein, Copper, Boric Acid (%)	0622	23.973	0.03990	24.406	0.35682	0.12254	42	-1.21	1%	0
002.05	Protein, Copper, Boric Acid (%)	0849	24.167	0.08700	24.406	0.35682	0.12254	42	-0.67	0%	0
002.05	Protein, Copper, Boric Acid (%)	0354	24.220	0.08000	24.406	0.35682	0.12254	42	-0.52	0%	0
002.05	Protein, Copper, Boric Acid (%)	2062	24.276	0.01150	24.406	0.35682	0.12254	42	-0.36	0%	0
002.05	Protein, Copper, Boric Acid (%)	2011	24.285	0.27000	24.406	0.35682	0.12254	42	-0.34	0%	0
002.05	Protein, Copper, Boric Acid (%)	2048	24.287	0.29800	24.406	0.35682	0.12254	42	-0.33	0%	0
002.05	Protein, Copper, Boric Acid (%)	0895	24.335	0.03000	24.406	0.35682	0.12254	42	-0.20	0%	0
002.05	Protein, Copper, Boric Acid (%)	0900	24.335	0.01000	24.406	0.35682	0.12254	42	-0.20	0%	0
002.05	Protein, Copper, Boric Acid (%)	0903	24.355	0.01000	24.406	0.35682	0.12254	42	-0.14	0%	0
002.05	Protein, Copper, Boric Acid (%)	0937	24.380	0.04000	24.406	0.35682	0.12254	42	-0.07	0%	0
002.05	Protein, Copper, Boric Acid (%)	2073	24.390	0.30000	24.406	0.35682	0.12254	42	-0.04	0%	0
002.05	Protein, Copper, Boric Acid (%)	0897	24.395	0.01000	24.406	0.35682	0.12254	42	-0.03	0%	0
002.05	Protein, Copper, Boric Acid (%)	2012	24.410	0.20000	24.406	0.35682	0.12254	42	0.01	0%	0
002.05	Protein, Copper, Boric Acid (%)	0674	24.425	0.05000	24.406	0.35682	0.12254	42	0.05	0%	0
002.05	Protein, Copper, Boric Acid (%)	2068	24.430	0.04000	24.406	0.35682	0.12254	42	0.07	0%	0
002.05	Protein, Copper, Boric Acid (%)	2022	24.435	0.07000	24.406	0.35682	0.12254	42	0.08	0%	0
002.05	Protein, Copper, Boric Acid (%)	0934	24.470	0.00000	24.406	0.35682	0.12254	42	0.18	0%	0
002.05	Protein, Copper, Boric Acid (%)	0683	24.480	0.22000	24.406	0.35682	0.12254	42	0.21	0%	0
002.05	Protein, Copper, Boric Acid (%)	0955	24.500	0.20000	24.406	0.35682	0.12254	42	0.26	0%	0
002.05	Protein, Copper, Boric Acid (%)	0893	24.555	0.03000	24.406	0.35682	0.12254	42	0.42	0%	0
002.05	Protein, Copper, Boric Acid (%)	0722	24.562	0.14100	24.406	0.35682	0.12254	42	0.44	0%	0
002.05	Protein, Copper, Boric Acid (%)	0885	24.597	0.14840	24.406	0.35682	0.12254	42	0.54	0%	0
002.05	Protein, Copper, Boric Acid (%)	2009	24.639	0.01040	24.406	0.35682	0.12254	42	0.65	0%	0
002.05	Protein, Copper, Boric Acid (%)	0868	24.640	0.02000	24.406	0.35682	0.12254	42	0.66	0%	0
002.05	Protein, Copper, Boric Acid (%)	0675	24.715	0.27000	24.406	0.35682	0.12254	42	0.87	1%	0
002.05	Protein, Copper, Boric Acid (%)	0015	24.760	0.14000	24.406	0.35682	0.12254	42	0.99	1%	0
002.05	Protein, Copper, Boric Acid (%)	0941	24.760	0.52000	24.406	0.35682	0.12254	42	0.99	1%	0
002.05	Protein, Copper, Boric Acid (%)	2006	24.780	0.02000	24.406	0.35682	0.12254	42	1.05	1%	0
002.05	Protein, Copper, Boric Acid (%)	2086	24.780	0.00000	24.406	0.35682	0.12254	42	1.05	1%	0
002.05	Protein, Copper, Boric Acid (%)	0194	24.785	0.03000	24.406	0.35682	0.12254	42	1.06	1%	0
002.05	Protein, Copper, Boric Acid (%)	0689	24.800	0.20000	24.406	0.35682	0.12254	42	1.11	1%	0
002.05	Protein, Copper, Boric Acid (%)	0948	24.885	0.13000	24.406	0.35682	0.12254	42	1.34	1%	0
002.05	Protein, Copper, Boric Acid (%)	0552	25.055	0.09000	24.406	0.35682	0.12254	42	1.82	1%	0
002.05	Protein, Copper, Boric Acid (%)	0946	26.415	0.05000	24.406	0.35682	0.12254	42	5.63	4%	0
002.05	Protein, Copper, Boric Acid (%)	0596	24.755	0.99000	24.406	0.35682	0.12254	42	0.98	1%	1
002.06	Protein, Combustion Nitrogen Analyzer (%)	0615	23.007	0.01400	24.717	0.34503	0.18373	146	-4.96	3%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0539	23.750	0.12000	24.717	0.34503	0.18373	146	-2.80	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	1019	23.941	0.07600	24.717	0.34503	0.18373	146	-2.25	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0138	24.018	0.04000	24.717	0.34503	0.18373	146	-2.03	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0038	24.079	0.03500	24.717	0.34503	0.18373	146	-1.85	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0842	24.085	0.07000	24.717	0.34503	0.18373	146	-1.83	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 (%)	0123	24.090	0.02000	24.717	0.34503	0.18373	146	-1.82	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0808	24.095	0.03000	24.717	0.34503	0.18373	146	-1.80	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0505	24.115	0.11000	24.717	0.34503	0.18373	146	-1.74	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0840	24.130	0.02000	24.717	0.34503	0.18373	146	-1.70	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2075	24.145	0.09000	24.717	0.34503	0.18373	146	-1.66	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0574	24.205	0.51000	24.717	0.34503	0.18373	146	-1.48	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0541	24.220	0.06000	24.717	0.34503	0.18373	146	-1.44	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0510	24.250	0.10000	24.717	0.34503	0.18373	146	-1.35	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0810	24.255	0.23000	24.717	0.34503	0.18373	146	-1.34	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0300	24.302	0.20800	24.717	0.34503	0.18373	146	-1.20	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0049	24.320	0.90000	24.717	0.34503	0.18373	146	-1.15	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0904	24.330	0.08000	24.717	0.34503	0.18373	146	-1.12	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0848	24.335	0.07000	24.717	0.34503	0.18373	146	-1.11	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0010	24.350	0.30000	24.717	0.34503	0.18373	146	-1.06	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0047	24.350	0.10000	24.717	0.34503	0.18373	146	-1.06	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0407	24.355	0.05700	24.717	0.34503	0.18373	146	-1.05	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	1010	24.355	0.19000	24.717	0.34503	0.18373	146	-1.05	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0630	24.385	0.03000	24.717	0.34503	0.18373	146	-0.96	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0692	24.400	0.40000	24.717	0.34503	0.18373	146	-0.92	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0959	24.420	0.16000	24.717	0.34503	0.18373	146	-0.86	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0083	24.435	0.21000	24.717	0.34503	0.18373	146	-0.82	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0074	24.445	0.21000	24.717	0.34503	0.18373	146	-0.79	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0957	24.445	0.35000	24.717	0.34503	0.18373	146	-0.79	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0045	24.450	0.10000	24.717	0.34503	0.18373	146	-0.77	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0553	24.450	0.50000	24.717	0.34503	0.18373	146	-0.77	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0358	24.450	0.20000	24.717	0.34503	0.18373	146	-0.77	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0205	24.455	0.33000	24.717	0.34503	0.18373	146	-0.76	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0958	24.455	0.03000	24.717	0.34503	0.18373	146	-0.76	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0043	24.470	0.44000	24.717	0.34503	0.18373	146	-0.72	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0229	24.475	0.09000	24.717	0.34503	0.18373	146	-0.70	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0720	24.480	0.32000	24.717	0.34503	0.18373	146	-0.69	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2094	24.480	0.12000	24.717	0.34503	0.18373	146	-0.69	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0017	24.500	0.00000	24.717	0.34503	0.18373	146	-0.63	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0960	24.500	0.18000	24.717	0.34503	0.18373	146	-0.63	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0098	24.520	0.24000	24.717	0.34503	0.18373	146	-0.57	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0841	24.520	0.12000	24.717	0.34503	0.18373	146	-0.57	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0598	24.535	0.07000	24.717	0.34503	0.18373	146	-0.53	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0676	24.535	0.21000	24.717	0.34503	0.18373	146	-0.53	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0100	24.565	0.01000	24.717	0.34503	0.18373	146	-0.44	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	1005	24.570	0.16000	24.717	0.34503	0.18373	146	-0.43	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0148	24.575	0.05000	24.717	0.34503	0.18373	146	-0.41	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0164	24.590	0.08000	24.717	0.34503	0.18373	146	-0.37	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 (%)	0520	24.590	0.26000	24.717	0.34503	0.18373	146	-0.37	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0554	24.590	0.06000	24.717	0.34503	0.18373	146	-0.37	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2053	24.595	0.03000	24.717	0.34503	0.18373	146	-0.35	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0142	24.600	0.02000	24.717	0.34503	0.18373	146	-0.34	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0175	24.600	0.20000	24.717	0.34503	0.18373	146	-0.34	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0790	24.610	0.40000	24.717	0.34503	0.18373	146	-0.31	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0065	24.617	0.00520	24.717	0.34503	0.18373	146	-0.29	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0144	24.625	0.01000	24.717	0.34503	0.18373	146	-0.27	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0504	24.625	0.01000	24.717	0.34503	0.18373	146	-0.27	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0726	24.630	0.04000	24.717	0.34503	0.18373	146	-0.25	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0843	24.630	0.12000	24.717	0.34503	0.18373	146	-0.25	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0880	24.632	0.13200	24.717	0.34503	0.18373	146	-0.25	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2023	24.640	0.00000	24.717	0.34503	0.18373	146	-0.22	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0042	24.645	0.11000	24.717	0.34503	0.18373	146	-0.21	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0051	24.650	0.10000	24.717	0.34503	0.18373	146	-0.19	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0171	24.650	0.50000	24.717	0.34503	0.18373	146	-0.19	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0589	24.660	0.40000	24.717	0.34503	0.18373	146	-0.16	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0590	24.675	0.15000	24.717	0.34503	0.18373	146	-0.12	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0035	24.680	0.02000	24.717	0.34503	0.18373	146	-0.11	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0037	24.680	0.06000	24.717	0.34503	0.18373	146	-0.11	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0417	24.690	0.12000	24.717	0.34503	0.18373	146	-0.08	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0789	24.690	0.60000	24.717	0.34503	0.18373	146	-0.08	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0357	24.690	0.00000	24.717	0.34503	0.18373	146	-0.08	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0861	24.695	0.13000	24.717	0.34503	0.18373	146	-0.06	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0695	24.703	0.03400	24.717	0.34503	0.18373	146	-0.04	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0354	24.705	0.09000	24.717	0.34503	0.18373	146	-0.03	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0032	24.710	0.44000	24.717	0.34503	0.18373	146	-0.02	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0108	24.720	0.66000	24.717	0.34503	0.18373	146	0.01	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0233	24.740	0.46000	24.717	0.34503	0.18373	146	0.07	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0571	24.744	0.05000	24.717	0.34503	0.18373	146	0.08	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0190	24.745	0.05000	24.717	0.34503	0.18373	146	0.08	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2095	24.755	0.19000	24.717	0.34503	0.18373	146	0.11	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0006	24.760	0.02000	24.717	0.34503	0.18373	146	0.12	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0683	24.765	0.07000	24.717	0.34503	0.18373	146	0.14	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0868	24.770	0.12000	24.717	0.34503	0.18373	146	0.15	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0626	24.778	0.11400	24.717	0.34503	0.18373	146	0.18	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0964	24.780	0.02000	24.717	0.34503	0.18373	146	0.18	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0039	24.788	0.35660	24.717	0.34503	0.18373	146	0.21	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0512	24.790	0.22000	24.717	0.34503	0.18373	146	0.21	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0027	24.791	0.07700	24.717	0.34503	0.18373	146	0.21	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2076	24.793	0.63700	24.717	0.34503	0.18373	146	0.22	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0089	24.795	0.01000	24.717	0.34503	0.18373	146	0.23	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 (%)	2006	24.795	0.07000	24.717	0.34503	0.18373	146	0.23	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0036	24.800	0.32000	24.717	0.34503	0.18373	146	0.24	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0413	24.800	0.40000	24.717	0.34503	0.18373	146	0.24	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0610	24.800	0.00000	24.717	0.34503	0.18373	146	0.24	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0004	24.805	0.37000	24.717	0.34503	0.18373	146	0.26	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2102	24.805	0.20750	24.717	0.34503	0.18373	146	0.26	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0199	24.810	0.22000	24.717	0.34503	0.18373	146	0.27	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0872	24.820	0.12000	24.717	0.34503	0.18373	146	0.30	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0859	24.821	0.14200	24.717	0.34503	0.18373	146	0.30	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0609	24.835	0.01000	24.717	0.34503	0.18373	146	0.34	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2016	24.855	0.15000	24.717	0.34503	0.18373	146	0.40	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0011	24.860	0.08000	24.717	0.34503	0.18373	146	0.41	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0529	24.860	0.20000	24.717	0.34503	0.18373	146	0.41	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0687	24.900	0.20000	24.717	0.34503	0.18373	146	0.53	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2089	24.900	0.12000	24.717	0.34503	0.18373	146	0.53	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0968	24.901	0.01500	24.717	0.34503	0.18373	146	0.53	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0794	24.905	0.53000	24.717	0.34503	0.18373	146	0.55	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0650	24.910	0.04000	24.717	0.34503	0.18373	146	0.56	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2059	24.917	0.00310	24.717	0.34503	0.18373	146	0.58	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0857	24.925	0.21000	24.717	0.34503	0.18373	146	0.60	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0948	24.930	0.14000	24.717	0.34503	0.18373	146	0.62	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0014	24.950	0.10000	24.717	0.34503	0.18373	146	0.68	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0033	24.950	0.10000	24.717	0.34503	0.18373	146	0.68	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0202	24.955	0.03000	24.717	0.34503	0.18373	146	0.69	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0009	24.960	0.18000	24.717	0.34503	0.18373	146	0.70	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0278	25.000	0.00000	24.717	0.34503	0.18373	146	0.82	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0208	25.015	0.05000	24.717	0.34503	0.18373	146	0.86	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0613	25.025	0.33000	24.717	0.34503	0.18373	146	0.89	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0353	25.060	0.06000	24.717	0.34503	0.18373	146	0.99	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0682	25.070	0.00000	24.717	0.34503	0.18373	146	1.02	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0876	25.100	0.22000	24.717	0.34503	0.18373	146	1.11	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0001	25.105	0.03000	24.717	0.34503	0.18373	146	1.12	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0018	25.105	0.11000	24.717	0.34503	0.18373	146	1.12	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0939	25.135	0.19000	24.717	0.34503	0.18373	146	1.21	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0263	25.143	0.07240	24.717	0.34503	0.18373	146	1.24	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0941	25.155	0.21000	24.717	0.34503	0.18373	146	1.27	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0034	25.156	0.23700	24.717	0.34503	0.18373	146	1.27	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0309	25.171	0.16000	24.717	0.34503	0.18373	146	1.32	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0297	25.200	0.38000	24.717	0.34503	0.18373	146	1.40	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0618	25.245	0.13000	24.717	0.34503	0.18373	146	1.53	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0019	25.250	0.30000	24.717	0.34503	0.18373	146	1.55	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0884	25.350	0.10000	24.717	0.34503	0.18373	146	1.84	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			
002.06	Protein, Combustion Nitrogen Analyzer (%)	0168	25.360	0.40000	24.717	0.34503	0.18373	146	1.86	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0511	25.365	0.29000	24.717	0.34503	0.18373	146	1.88	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0953	25.485	0.41000	24.717	0.34503	0.18373	146	2.23	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0294	25.500	0.20000	24.717	0.34503	0.18373	146	2.27	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0955	25.500	0.00000	24.717	0.34503	0.18373	146	2.27	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2003	25.520	0.13200	24.717	0.34503	0.18373	146	2.33	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0693	25.540	0.20940	24.717	0.34503	0.18373	146	2.38	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0178	25.640	0.00000	24.717	0.34503	0.18373	146	2.68	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0366	25.650	0.30000	24.717	0.34503	0.18373	146	2.70	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0811	25.650	0.30000	24.717	0.34503	0.18373	146	2.70	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2012	25.880	1.0800	24.717	0.34503	0.18373	146	3.37	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0265	26.090	0.10000	24.717	0.34503	0.18373	146	3.98	3%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0956	26.250	0.70000	24.717	0.34503	0.18373	146	4.44	3%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0918	26.615	1.0300	24.717	0.34503	0.18373	146	5.50	4%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0792	27.410	5.0600	24.717	0.34503	0.18373	146	7.81	5%	1
002.08	Protein, Cu/Ti (%)	0098	24.155	0.03000	24.478	0.45608	0.10840	3	-1.06	1%	0
002.08	Protein, Cu/Ti (%)	0563	24.546	0.29520	24.478	0.45608	0.10840	3	0.14	0%	0
002.08	Protein, Cu/Ti (%)	0208	24.800	0.00000	24.478	0.45608	0.10840	3	0.92	1%	0
002.10	Protein, Block dig/distillation (%)	2058	23.900	0.06000			0.16500	2	-0.71	1%	0
002.10	Protein, Block dig/distillation (%)	0629	24.605	0.27000			0.16500	2	0.71	1%	0
002.11	Protein, NIR (%)	0613	23.465	0.03000	24.746	1.2828	0.11000	7	-1.00	3%	0
002.11	Protein, NIR (%)	0852	23.580	0.14000	24.746	1.2828	0.11000	7	-0.91	2%	0
002.11	Protein, NIR (%)	2036	24.025	0.09000	24.746	1.2828	0.11000	7	-0.56	1%	0
002.11	Protein, NIR (%)	0051	24.750	0.10000	24.746	1.2828	0.11000	7	0.00	0%	0
002.11	Protein, NIR (%)	0553	25.320	0.24000	24.746	1.2828	0.11000	7	0.45	1%	0
002.11	Protein, NIR (%)	0720	25.550	0.02000	24.746	1.2828	0.11000	7	0.63	2%	0
002.11	Protein, NIR (%)	0889	26.935	0.15000	24.746	1.2828	0.11000	7	1.71	4%	0
002.11	Protein, NIR (%)	0297	25.435	0.81000	24.746	1.2828	0.11000	7	0.54	1%	1
002.99	Protein, Miscellaneous (%)	0681	22.045	0.03000	23.886	1.3305	0.14750	4	-1.38	4%	0
002.99	Protein, Miscellaneous (%)	0643	23.960	0.24000	23.886	1.3305	0.14750	4	0.06	0%	0
002.99	Protein, Miscellaneous (%)	2004	24.350	0.10000	23.886	1.3305	0.14750	4	0.35	1%	0
002.99	Protein, Miscellaneous (%)	2105	25.190	0.22000	23.886	1.3305	0.14750	4	0.98	3%	0
003.00	Fat, Eth Ext., Direct (%)	0885	9.1236	0.09830	9.8617	0.82125	0.21198	8	-0.90	4%	0
003.00	Fat, Eth Ext., Direct (%)	0026	9.1500	0.04000	9.8617	0.82125	0.21198	8	-0.87	4%	0
003.00	Fat, Eth Ext., Direct (%)	0884	9.3000	0.60000	9.8617	0.82125	0.21198	8	-0.68	3%	0
003.00	Fat, Eth Ext., Direct (%)	0309	9.3588	0.06750	9.8617	0.82125	0.21198	8	-0.61	3%	0
003.00	Fat, Eth Ext., Direct (%)	0194	9.9250	0.03000	9.8617	0.82125	0.21198	8	0.08	0%	0
003.00	Fat, Eth Ext., Direct (%)	0354	10.505	0.07000	9.8617	0.82125	0.21198	8	0.78	3%	0
003.00	Fat, Eth Ext., Direct (%)	2106	10.995	0.29000	9.8617	0.82125	0.21198	8	1.38	6%	0
003.00	Fat, Eth Ext., Direct (%)	0625	13.250	0.50000	9.8617	0.82125	0.21198	8	4.13	17%	0
003.01	Fat, Ind Eth Ext (13th ed.), Indirect (%)	0563	10.118	0.01090			0.84545	2	-0.71	0%	0
003.01	Fat, Ind Eth Ext (13th ed.), Indirect (%)	0504	10.200	1.6800			0.84545	2	0.71	0%	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			
003.06	Fat, Pet Ether (%)	0918	8.4050	0.01000	9.7241	0.84103	0.12855	18	-1.57	7%	0
003.06	Fat, Pet Ether (%)	0552	8.6500	0.02000	9.7241	0.84103	0.12855	18	-1.28	6%	0
003.06	Fat, Pet Ether (%)	0511	8.7350	0.25000	9.7241	0.84103	0.12855	18	-1.18	5%	0
003.06	Fat, Pet Ether (%)	0300	9.0800	0.09600	9.7241	0.84103	0.12855	18	-0.77	3%	0
003.06	Fat, Pet Ether (%)	0852	9.1000	0.10000	9.7241	0.84103	0.12855	18	-0.74	3%	0
003.06	Fat, Pet Ether (%)	0849	9.2900	0.10000	9.7241	0.84103	0.12855	18	-0.52	2%	0
003.06	Fat, Pet Ether (%)	0039	9.3950	0.02790	9.7241	0.84103	0.12855	18	-0.39	2%	0
003.06	Fat, Pet Ether (%)	0689	9.6500	0.10000	9.7241	0.84103	0.12855	18	-0.09	0%	0
003.06	Fat, Pet Ether (%)	0297	9.6750	0.27000	9.7241	0.84103	0.12855	18	-0.06	0%	0
003.06	Fat, Pet Ether (%)	0294	9.7550	0.05000	9.7241	0.84103	0.12855	18	0.04	0%	0
003.06	Fat, Pet Ether (%)	0148	9.9450	0.07000	9.7241	0.84103	0.12855	18	0.26	1%	0
003.06	Fat, Pet Ether (%)	2091	10.170	0.06000	9.7241	0.84103	0.12855	18	0.53	2%	0
003.06	Fat, Pet Ether (%)	0164	10.220	0.08000	9.7241	0.84103	0.12855	18	0.59	3%	0
003.06	Fat, Pet Ether (%)	0682	10.250	0.00000	9.7241	0.84103	0.12855	18	0.63	3%	0
003.06	Fat, Pet Ether (%)	0687	10.400	0.20000	9.7241	0.84103	0.12855	18	0.80	3%	0
003.06	Fat, Pet Ether (%)	0083	10.495	0.39000	9.7241	0.84103	0.12855	18	0.92	4%	0
003.06	Fat, Pet Ether (%)	0074	10.775	0.11000	9.7241	0.84103	0.12855	18	1.25	5%	0
003.06	Fat, Pet Ether (%)	0199	13.680	0.38000	9.7241	0.84103	0.12855	18	4.70	20%	0
003.09	Fat, Soxtec, Eth Ext (%)	0674	8.4350	0.05000	9.8797	0.82650	0.20651	18	-1.75	7%	0
003.09	Fat, Soxtec, Eth Ext (%)	0051	8.5500	0.70000	9.8797	0.82650	0.20651	18	-1.61	7%	0
003.09	Fat, Soxtec, Eth Ext (%)	0948	8.6300	0.04000	9.8797	0.82650	0.20651	18	-1.51	6%	0
003.09	Fat, Soxtec, Eth Ext (%)	0685	8.7500	0.16000	9.8797	0.82650	0.20651	18	-1.37	6%	0
003.09	Fat, Soxtec, Eth Ext (%)	0027	8.7900	0.50000	9.8797	0.82650	0.20651	18	-1.32	6%	0
003.09	Fat, Soxtec, Eth Ext (%)	0968	9.5575	0.00700	9.8797	0.82650	0.20651	18	-0.39	2%	0
003.09	Fat, Soxtec, Eth Ext (%)	0038	9.7300	0.18000	9.8797	0.82650	0.20651	18	-0.18	1%	0
003.09	Fat, Soxtec, Eth Ext (%)	2068	9.8200	0.08000	9.8797	0.82650	0.20651	18	-0.07	0%	0
003.09	Fat, Soxtec, Eth Ext (%)	0098	9.9000	0.32000	9.8797	0.82650	0.20651	18	0.02	0%	0
003.09	Fat, Soxtec, Eth Ext (%)	0590	9.9700	0.06000	9.8797	0.82650	0.20651	18	0.11	0%	0
003.09	Fat, Soxtec, Eth Ext (%)	0630	10.165	0.23000	9.8797	0.82650	0.20651	18	0.35	1%	0
003.09	Fat, Soxtec, Eth Ext (%)	0353	10.180	0.08000	9.8797	0.82650	0.20651	18	0.36	2%	0
003.09	Fat, Soxtec, Eth Ext (%)	0354	10.330	0.04000	9.8797	0.82650	0.20651	18	0.54	2%	0
003.09	Fat, Soxtec, Eth Ext (%)	0675	10.335	0.03000	9.8797	0.82650	0.20651	18	0.55	2%	0
003.09	Fat, Soxtec, Eth Ext (%)	0152	10.450	0.50000	9.8797	0.82650	0.20651	18	0.69	3%	0
003.09	Fat, Soxtec, Eth Ext (%)	2012	10.905	0.17000	9.8797	0.82650	0.20651	18	1.24	5%	0
003.09	Fat, Soxtec, Eth Ext (%)	0722	11.104	0.44010	9.8797	0.82650	0.20651	18	1.48	6%	0
003.09	Fat, Soxtec, Eth Ext (%)	0505	14.065	0.13000	9.8797	0.82650	0.20651	18	5.06	21%	0
003.10	Fat, Soxtec, Pet Ether (%)	0366	8.0000	0.20000	9.8814	0.63070	0.16218	26	-2.98	10%	0
003.10	Fat, Soxtec, Pet Ether (%)	2003	8.1895	0.02820	9.8814	0.63070	0.16218	26	-2.68	9%	0
003.10	Fat, Soxtec, Pet Ether (%)	0861	9.0100	0.22000	9.8814	0.63070	0.16218	26	-1.38	4%	0
003.10	Fat, Soxtec, Pet Ether (%)	2073	9.3800	0.46000	9.8814	0.63070	0.16218	26	-0.79	3%	0
003.10	Fat, Soxtec, Pet Ether (%)	0045	9.4500	0.30000	9.8814	0.63070	0.16218	26	-0.68	2%	0
003.10	Fat, Soxtec, Pet Ether (%)	0689	9.4500	0.10000	9.8814	0.63070	0.16218	26	-0.68	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	
003.10	Fat, Soxtec, Pet Ether (%)	0100	9.4800	0.18000	9.8814	0.63070	0.16218	26	-0.64	2%	0
003.10	Fat, Soxtec, Pet Ether (%)	0889	9.5650	0.01000	9.8814	0.63070	0.16218	26	-0.50	2%	0
003.10	Fat, Soxtec, Pet Ether (%)	0609	9.6300	0.18000	9.8814	0.63070	0.16218	26	-0.40	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0629	9.6400	0.04000	9.8814	0.63070	0.16218	26	-0.38	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0098	9.6550	0.27000	9.8814	0.63070	0.16218	26	-0.36	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0870	9.6883	0.67110	9.8814	0.63070	0.16218	26	-0.31	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0042	9.7150	0.43000	9.8814	0.63070	0.16218	26	-0.26	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0062	9.7800	0.20000	9.8814	0.63070	0.16218	26	-0.16	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	2022	9.8100	0.02000	9.8814	0.63070	0.16218	26	-0.11	0%	0
003.10	Fat, Soxtec, Pet Ether (%)	0952	9.8550	0.19000	9.8814	0.63070	0.16218	26	-0.04	0%	0
003.10	Fat, Soxtec, Pet Ether (%)	0720	10.180	0.00000	9.8814	0.63070	0.16218	26	0.47	2%	0
003.10	Fat, Soxtec, Pet Ether (%)	0695	10.221	0.06100	9.8814	0.63070	0.16218	26	0.54	2%	0
003.10	Fat, Soxtec, Pet Ether (%)	0233	10.385	0.01000	9.8814	0.63070	0.16218	26	0.80	3%	0
003.10	Fat, Soxtec, Pet Ether (%)	0881	10.412	0.08400	9.8814	0.63070	0.16218	26	0.84	3%	0
003.10	Fat, Soxtec, Pet Ether (%)	0868	10.565	0.03000	9.8814	0.63070	0.16218	26	1.08	3%	0
003.10	Fat, Soxtec, Pet Ether (%)	0896	10.625	0.01000	9.8814	0.63070	0.16218	26	1.18	4%	0
003.10	Fat, Soxtec, Pet Ether (%)	2009	10.724	0.05570	9.8814	0.63070	0.16218	26	1.34	4%	0
003.10	Fat, Soxtec, Pet Ether (%)	0623	10.816	0.31660	9.8814	0.63070	0.16218	26	1.48	5%	0
003.10	Fat, Soxtec, Pet Ether (%)	2011	11.150	0.10000	9.8814	0.63070	0.16218	26	2.01	6%	0
003.10	Fat, Soxtec, Pet Ether (%)	0618	12.165	0.05000	9.8814	0.63070	0.16218	26	3.62	12%	0
003.10	Fat, Soxtec, Pet Ether (%)	0693	8.8839	0.81710	9.8814	0.63070	0.16218	26	-1.58	5%	1
003.11	Fat, NIR (%)	0720	10.265	0.03000	12.163	1.7982	0.13167	6	-1.06	8%	0
003.11	Fat, NIR (%)	0852	10.450	0.40000	12.163	1.7982	0.13167	6	-0.95	7%	0
003.11	Fat, NIR (%)	0889	11.980	0.00000	12.163	1.7982	0.13167	6	-0.10	1%	0
003.11	Fat, NIR (%)	0051	12.950	0.10000	12.163	1.7982	0.13167	6	0.44	3%	0
003.11	Fat, NIR (%)	2036	13.005	0.03000	12.163	1.7982	0.13167	6	0.47	3%	0
003.11	Fat, NIR (%)	0553	14.325	0.23000	12.163	1.7982	0.13167	6	1.20	9%	0
003.11	Fat, NIR (%)	0297	9.7900	1.2400	12.163	1.7982	0.13167	6	-1.32	10%	1
003.12	Fat, Hexane Ext (%)	0893	9.0000	0.02000	9.8792	0.29471	0.04286	7	-2.98	4%	0
003.12	Fat, Hexane Ext (%)	0934	9.1450	0.01000	9.8792	0.29471	0.04286	7	-2.49	4%	0
003.12	Fat, Hexane Ext (%)	0897	9.7750	0.01000	9.8792	0.29471	0.04286	7	-0.35	1%	0
003.12	Fat, Hexane Ext (%)	0903	9.9550	0.01000	9.8792	0.29471	0.04286	7	0.26	0%	0
003.12	Fat, Hexane Ext (%)	0895	10.015	0.01000	9.8792	0.29471	0.04286	7	0.46	1%	0
003.12	Fat, Hexane Ext (%)	0900	10.070	0.04000	9.8792	0.29471	0.04286	7	0.65	1%	0
003.12	Fat, Hexane Ext (%)	0171	10.230	0.20000	9.8792	0.29471	0.04286	7	1.19	2%	0
003.12	Fat, Hexane Ext (%)	2062	15.334	8.7541	9.8792	0.29471	0.04286	7	18.51	28%	1
003.13	Fat, Soxtec, Hexane Ext. (%)	2089	9.5200	0.44000	9.9169	0.28750	0.21383	6	-1.38	2%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	2006	9.8550	0.09000	9.9169	0.28750	0.21383	6	-0.22	0%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0205	9.8675	0.16300	9.9169	0.28750	0.21383	6	-0.17	0%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0098	9.8700	0.26000	9.9169	0.28750	0.21383	6	-0.16	0%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0123	10.170	0.12000	9.9169	0.28750	0.21383	6	0.88	1%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	2048	12.575	0.21000	9.9169	0.28750	0.21383	6	9.25	13%	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			
003.13	Fat, Soxtec, Hexane Ext. (%)	0208	9.8450	1.5100	9.9169	0.28750	0.21383	6	-0.25	0%	1
003.14	Fat, Ankom (%)	0581	6.2750	0.15000	9.5431	0.69304	0.21700	30	-4.72	17%	0
003.14	Fat, Ankom (%)	0265	7.6000	0.10000	9.5431	0.69304	0.21700	30	-2.80	10%	0
003.14	Fat, Ankom (%)	0613	8.2000	0.34000	9.5431	0.69304	0.21700	30	-1.94	7%	0
003.14	Fat, Ankom (%)	0357	8.7500	0.30000	9.5431	0.69304	0.21700	30	-1.14	4%	0
003.14	Fat, Ankom (%)	0089	8.9600	0.00000	9.5431	0.69304	0.21700	30	-0.84	3%	0
003.14	Fat, Ankom (%)	0574	8.9600	0.14000	9.5431	0.69304	0.21700	30	-0.84	3%	0
003.14	Fat, Ankom (%)	0948	8.9950	0.09000	9.5431	0.69304	0.21700	30	-0.79	3%	0
003.14	Fat, Ankom (%)	0843	9.0350	0.15000	9.5431	0.69304	0.21700	30	-0.73	3%	0
003.14	Fat, Ankom (%)	2075	9.0750	0.65000	9.5431	0.69304	0.21700	30	-0.68	2%	0
003.14	Fat, Ankom (%)	0202	9.1900	0.02000	9.5431	0.69304	0.21700	30	-0.51	2%	0
003.14	Fat, Ankom (%)	0853	9.3050	0.11000	9.5431	0.69304	0.21700	30	-0.34	1%	0
003.14	Fat, Ankom (%)	0520	9.3750	0.73000	9.5431	0.69304	0.21700	30	-0.24	1%	0
003.14	Fat, Ankom (%)	2023	9.4050	0.11000	9.5431	0.69304	0.21700	30	-0.20	1%	0
003.14	Fat, Ankom (%)	0229	9.4350	0.07000	9.5431	0.69304	0.21700	30	-0.16	1%	0
003.14	Fat, Ankom (%)	0529	9.4800	0.24000	9.5431	0.69304	0.21700	30	-0.09	0%	0
003.14	Fat, Ankom (%)	0598	9.5450	0.11000	9.5431	0.69304	0.21700	30	0.00	0%	0
003.14	Fat, Ankom (%)	0108	9.7100	0.18000	9.5431	0.69304	0.21700	30	0.24	1%	0
003.14	Fat, Ankom (%)	0848	9.7650	0.19000	9.5431	0.69304	0.21700	30	0.32	1%	0
003.14	Fat, Ankom (%)	0037	9.8500	0.28000	9.5431	0.69304	0.21700	30	0.44	2%	0
003.14	Fat, Ankom (%)	0144	9.9250	0.27000	9.5431	0.69304	0.21700	30	0.55	2%	0
003.14	Fat, Ankom (%)	0049	9.9400	0.10000	9.5431	0.69304	0.21700	30	0.57	2%	0
003.14	Fat, Ankom (%)	0726	9.9600	0.00000	9.5431	0.69304	0.21700	30	0.60	2%	0
003.14	Fat, Ankom (%)	0955	9.9600	0.08000	9.5431	0.69304	0.21700	30	0.60	2%	0
003.14	Fat, Ankom (%)	0190	9.9850	0.05000	9.5431	0.69304	0.21700	30	0.64	2%	0
003.14	Fat, Ankom (%)	0278	10.050	0.10000	9.5431	0.69304	0.21700	30	0.73	3%	0
003.14	Fat, Ankom (%)	0683	10.200	0.16000	9.5431	0.69304	0.21700	30	0.95	3%	0
003.14	Fat, Ankom (%)	0358	10.335	0.81000	9.5431	0.69304	0.21700	30	1.14	4%	0
003.14	Fat, Ankom (%)	0937	10.520	0.16000	9.5431	0.69304	0.21700	30	1.41	5%	0
003.14	Fat, Ankom (%)	0034	10.720	0.22000	9.5431	0.69304	0.21700	30	1.70	6%	0
003.14	Fat, Ankom (%)	0413	11.000	0.60000	9.5431	0.69304	0.21700	30	2.10	8%	0
003.14	Fat, Ankom (%)	0956	7.2500	1.9000	9.5431	0.69304	0.21700	30	-3.31	12%	1
003.99	Fat, Miscellaneous (%)	0536	9.1050	0.07000	11.263	1.9271	0.20800	5	-1.34	10%	0
003.99	Fat, Miscellaneous (%)	0047	10.955	0.01000	11.263	1.9271	0.20800	5	-0.24	2%	0
003.99	Fat, Miscellaneous (%)	0880	11.200	0.00000	11.263	1.9271	0.20800	5	-0.09	1%	0
003.99	Fat, Miscellaneous (%)	0876	11.730	0.82000	11.263	1.9271	0.20800	5	0.22	2%	0
003.99	Fat, Miscellaneous (%)	1019	13.790	0.14000	11.263	1.9271	0.20800	5	1.45	11%	0
004.00	Fiber, Crude, Asbestos Free (%)	0884	2.7500	0.30000	3.1394	0.28741	0.12294	19	-1.35	6%	0
004.00	Fiber, Crude, Asbestos Free (%)	0169	2.7750	0.01000	3.1394	0.28741	0.12294	19	-1.27	6%	0
004.00	Fiber, Crude, Asbestos Free (%)	0194	2.8850	0.03000	3.1394	0.28741	0.12294	19	-0.89	4%	0
004.00	Fiber, Crude, Asbestos Free (%)	0596	2.9000	0.24000	3.1394	0.28741	0.12294	19	-0.83	4%	0
004.00	Fiber, Crude, Asbestos Free (%)	2023	2.9250	0.23000	3.1394	0.28741	0.12294	19	-0.75	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			
004.00	Fiber, Crude, Asbestos Free (%)	2004	2.9400	0.14000	3.1394	0.28741	0.12294	19	-0.69	3%	0
004.00	Fiber, Crude, Asbestos Free (%)	2094	2.9900	0.08000	3.1394	0.28741	0.12294	19	-0.52	2%	0
004.00	Fiber, Crude, Asbestos Free (%)	0164	3.0000	0.00000	3.1394	0.28741	0.12294	19	-0.49	2%	0
004.00	Fiber, Crude, Asbestos Free (%)	0353	3.0700	0.04000	3.1394	0.28741	0.12294	19	-0.24	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	0309	3.1236	0.04580	3.1394	0.28741	0.12294	19	-0.06	0%	0
004.00	Fiber, Crude, Asbestos Free (%)	0175	3.1250	0.07000	3.1394	0.28741	0.12294	19	-0.05	0%	0
004.00	Fiber, Crude, Asbestos Free (%)	0171	3.2500	0.06000	3.1394	0.28741	0.12294	19	0.38	2%	0
004.00	Fiber, Crude, Asbestos Free (%)	0208	3.3050	0.11000	3.1394	0.28741	0.12294	19	0.58	3%	0
004.00	Fiber, Crude, Asbestos Free (%)	0681	3.3200	0.12000	3.1394	0.28741	0.12294	19	0.63	3%	0
004.00	Fiber, Crude, Asbestos Free (%)	2073	3.3700	0.20000	3.1394	0.28741	0.12294	19	0.80	4%	0
004.00	Fiber, Crude, Asbestos Free (%)	0504	3.3950	0.11000	3.1394	0.28741	0.12294	19	0.89	4%	0
004.00	Fiber, Crude, Asbestos Free (%)	0511	3.4000	0.40000	3.1394	0.28741	0.12294	19	0.91	4%	0
004.00	Fiber, Crude, Asbestos Free (%)	0354	3.5600	0.06000	3.1394	0.28741	0.12294	19	1.46	7%	0
004.00	Fiber, Crude, Asbestos Free (%)	2011	4.3650	0.09000	3.1394	0.28741	0.12294	19	4.26	20%	0
004.00	Fiber, Crude, Asbestos Free (%)	0695	4.8725	1.0250	3.1394	0.28741	0.12294	19	6.03	28%	1
004.01	Fiber, Sing Filt (%)	0045	3.4450	0.99000			0.59500	2	-0.71	1%	0
004.01	Fiber, Sing Filt (%)	0366	3.6000	0.20000			0.59500	2	0.71	1%	0
004.03	Fiber, Fritted Glass (%)	2089	1.9950	0.35000	3.0190	0.67228	0.17310	5	-1.52	17%	0
004.03	Fiber, Fritted Glass (%)	2058	2.9400	0.08000	3.0190	0.67228	0.17310	5	-0.12	1%	0
004.03	Fiber, Fritted Glass (%)	2068	2.9500	0.10000	3.0190	0.67228	0.17310	5	-0.10	1%	0
004.03	Fiber, Fritted Glass (%)	0626	3.4300	0.26000	3.0190	0.67228	0.17310	5	0.61	7%	0
004.03	Fiber, Fritted Glass (%)	0693	3.7802	0.07550	3.0190	0.67228	0.17310	5	1.13	13%	0
004.06	Fiber, Fibertec (%)	0199	2.7400	0.04000	3.3660	0.39087	0.09498	36	-1.60	9%	0
004.06	Fiber, Fibertec (%)	0552	2.7800	0.10000	3.3660	0.39087	0.09498	36	-1.50	9%	0
004.06	Fiber, Fibertec (%)	0038	2.8250	0.07000	3.3660	0.39087	0.09498	36	-1.38	8%	0
004.06	Fiber, Fibertec (%)	0512	2.8535	0.30900	3.3660	0.39087	0.09498	36	-1.31	8%	0
004.06	Fiber, Fibertec (%)	2022	2.9200	0.04000	3.3660	0.39087	0.09498	36	-1.14	7%	0
004.06	Fiber, Fibertec (%)	0653	3.0500	0.02000	3.3660	0.39087	0.09498	36	-0.81	5%	0
004.06	Fiber, Fibertec (%)	0897	3.0500	0.02000	3.3660	0.39087	0.09498	36	-0.81	5%	0
004.06	Fiber, Fibertec (%)	0881	3.0620	0.32200	3.3660	0.39087	0.09498	36	-0.78	5%	0
004.06	Fiber, Fibertec (%)	0968	3.1345	0.00700	3.3660	0.39087	0.09498	36	-0.59	3%	0
004.06	Fiber, Fibertec (%)	0941	3.1400	0.38000	3.3660	0.39087	0.09498	36	-0.58	3%	0
004.06	Fiber, Fibertec (%)	2006	3.1800	0.04000	3.3660	0.39087	0.09498	36	-0.48	3%	0
004.06	Fiber, Fibertec (%)	0885	3.2227	0.10060	3.3660	0.39087	0.09498	36	-0.37	2%	0
004.06	Fiber, Fibertec (%)	2062	3.2259	0.00780	3.3660	0.39087	0.09498	36	-0.36	2%	0
004.06	Fiber, Fibertec (%)	0952	3.2400	0.26000	3.3660	0.39087	0.09498	36	-0.32	2%	0
004.06	Fiber, Fibertec (%)	0098	3.2550	0.23000	3.3660	0.39087	0.09498	36	-0.28	2%	0
004.06	Fiber, Fibertec (%)	0723	3.2697	0.00000	3.3660	0.39087	0.09498	36	-0.25	1%	0
004.06	Fiber, Fibertec (%)	0868	3.3050	0.01000	3.3660	0.39087	0.09498	36	-0.16	1%	0
004.06	Fiber, Fibertec (%)	0205	3.3150	0.07000	3.3660	0.39087	0.09498	36	-0.13	1%	0
004.06	Fiber, Fibertec (%)	0918	3.3200	0.12000	3.3660	0.39087	0.09498	36	-0.12	1%	0
004.06	Fiber, Fibertec (%)	0895	3.3450	0.01000	3.3660	0.39087	0.09498	36	-0.05	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 (%)	0934	3.3450	0.01000	3.3660	0.39087	0.09498	36	-0.05	0%	0
004.06	Fiber, Fibertec (%)	0620	3.3803	0.10710	3.3660	0.39087	0.09498	36	0.04	0%	0
004.06	Fiber, Fibertec (%)	0948	3.4600	0.10000	3.3660	0.39087	0.09498	36	0.24	1%	0
004.06	Fiber, Fibertec (%)	0893	3.4650	0.01000	3.3660	0.39087	0.09498	36	0.25	1%	0
004.06	Fiber, Fibertec (%)	0689	3.5000	0.20000	3.3660	0.39087	0.09498	36	0.34	2%	0
004.06	Fiber, Fibertec (%)	0964	3.5500	0.16000	3.3660	0.39087	0.09498	36	0.47	3%	0
004.06	Fiber, Fibertec (%)	2086	3.6450	0.01000	3.3660	0.39087	0.09498	36	0.71	4%	0
004.06	Fiber, Fibertec (%)	0676	3.6750	0.03000	3.3660	0.39087	0.09498	36	0.79	5%	0
004.06	Fiber, Fibertec (%)	0722	3.8735	0.02660	3.3660	0.39087	0.09498	36	1.30	8%	0
004.06	Fiber, Fibertec (%)	2091	3.8950	0.09000	3.3660	0.39087	0.09498	36	1.35	8%	0
004.06	Fiber, Fibertec (%)	0027	3.9065	0.08900	3.3660	0.39087	0.09498	36	1.38	8%	0
004.06	Fiber, Fibertec (%)	0674	4.0450	0.07000	3.3660	0.39087	0.09498	36	1.74	10%	0
004.06	Fiber, Fibertec (%)	0900	4.1650	0.03000	3.3660	0.39087	0.09498	36	2.04	12%	0
004.06	Fiber, Fibertec (%)	0675	4.3350	0.21000	3.3660	0.39087	0.09498	36	2.48	14%	0
004.06	Fiber, Fibertec (%)	0720	4.8100	0.10000	3.3660	0.39087	0.09498	36	3.69	21%	0
004.06	Fiber, Fibertec (%)	0609	7.4100	0.02000	3.3660	0.39087	0.09498	36	10.35	60%	0
004.06	Fiber, Fibertec (%)	0590	2.9950	0.55000	3.3660	0.39087	0.09498	36	-0.95	6%	1
004.07	Fiber, ANKOM (%)	0553	1.9700	0.06000	3.3090	0.42859	0.13791	53	-3.12	20%	0
004.07	Fiber, ANKOM (%)	0510	2.3500	0.10000	3.3090	0.42859	0.13791	53	-2.24	14%	0
004.07	Fiber, ANKOM (%)	0904	2.6800	0.24000	3.3090	0.42859	0.13791	53	-1.47	10%	0
004.07	Fiber, ANKOM (%)	0563	2.8225	0.18340	3.3090	0.42859	0.13791	53	-1.14	7%	0
004.07	Fiber, ANKOM (%)	0144	2.8450	0.19000	3.3090	0.42859	0.13791	53	-1.08	7%	0
004.07	Fiber, ANKOM (%)	0505	2.8450	0.09000	3.3090	0.42859	0.13791	53	-1.08	7%	0
004.07	Fiber, ANKOM (%)	0190	2.8500	0.10000	3.3090	0.42859	0.13791	53	-1.07	7%	0
004.07	Fiber, ANKOM (%)	0098	2.8750	0.15000	3.3090	0.42859	0.13791	53	-1.01	7%	0
004.07	Fiber, ANKOM (%)	0265	2.9000	0.06000	3.3090	0.42859	0.13791	53	-0.95	6%	0
004.07	Fiber, ANKOM (%)	0035	2.9150	0.01000	3.3090	0.42859	0.13791	53	-0.92	6%	0
004.07	Fiber, ANKOM (%)	0407	2.9274	0.18130	3.3090	0.42859	0.13791	53	-0.89	6%	0
004.07	Fiber, ANKOM (%)	0413	2.9500	0.10000	3.3090	0.42859	0.13791	53	-0.84	5%	0
004.07	Fiber, ANKOM (%)	2012	2.9900	0.04000	3.3090	0.42859	0.13791	53	-0.74	5%	0
004.07	Fiber, ANKOM (%)	0032	3.0000	0.40000	3.3090	0.42859	0.13791	53	-0.72	5%	0
004.07	Fiber, ANKOM (%)	0682	3.0000	0.00000	3.3090	0.42859	0.13791	53	-0.72	5%	0
004.07	Fiber, ANKOM (%)	0042	3.0150	0.05000	3.3090	0.42859	0.13791	53	-0.69	4%	0
004.07	Fiber, ANKOM (%)	0004	3.0300	0.20000	3.3090	0.42859	0.13791	53	-0.65	4%	0
004.07	Fiber, ANKOM (%)	2053	3.0600	0.04000	3.3090	0.42859	0.13791	53	-0.58	4%	0
004.07	Fiber, ANKOM (%)	0948	3.0750	0.03000	3.3090	0.42859	0.13791	53	-0.55	4%	0
004.07	Fiber, ANKOM (%)	0520	3.0850	0.09000	3.3090	0.42859	0.13791	53	-0.52	3%	0
004.07	Fiber, ANKOM (%)	0123	3.1300	0.02000	3.3090	0.42859	0.13791	53	-0.42	3%	0
004.07	Fiber, ANKOM (%)	0354	3.1350	0.23000	3.3090	0.42859	0.13791	53	-0.41	3%	0
004.07	Fiber, ANKOM (%)	0726	3.2300	0.04000	3.3090	0.42859	0.13791	53	-0.18	1%	0
004.07	Fiber, ANKOM (%)	0861	3.2500	0.08000	3.3090	0.42859	0.13791	53	-0.14	1%	0
004.07	Fiber, ANKOM (%)	0178	3.2600	0.26000	3.3090	0.42859	0.13791	53	-0.11	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	
004.07	Fiber, ANKOM (%)	0100	3.2850	0.17000	3.3090	0.42859	0.13791	53	-0.06	0%	0
004.07	Fiber, ANKOM (%)	0849	3.2960	0.12800	3.3090	0.42859	0.13791	53	-0.03	0%	0
004.07	Fiber, ANKOM (%)	0708	3.3200	0.00000	3.3090	0.42859	0.13791	53	0.03	0%	0
004.07	Fiber, ANKOM (%)	0074	3.3500	0.04000	3.3090	0.42859	0.13791	53	0.10	1%	0
004.07	Fiber, ANKOM (%)	0033	3.3650	0.19000	3.3090	0.42859	0.13791	53	0.13	1%	0
004.07	Fiber, ANKOM (%)	0229	3.3750	0.25000	3.3090	0.42859	0.13791	53	0.15	1%	0
004.07	Fiber, ANKOM (%)	0019	3.4350	0.03000	3.3090	0.42859	0.13791	53	0.29	2%	0
004.07	Fiber, ANKOM (%)	0263	3.4467	0.01340	3.3090	0.42859	0.13791	53	0.32	2%	0
004.07	Fiber, ANKOM (%)	0089	3.4600	0.00000	3.3090	0.42859	0.13791	53	0.35	2%	0
004.07	Fiber, ANKOM (%)	0598	3.5100	0.56000	3.3090	0.42859	0.13791	53	0.47	3%	0
004.07	Fiber, ANKOM (%)	0643	3.5550	0.01000	3.3090	0.42859	0.13791	53	0.57	4%	0
004.07	Fiber, ANKOM (%)	0683	3.5700	0.60000	3.3090	0.42859	0.13791	53	0.61	4%	0
004.07	Fiber, ANKOM (%)	0955	3.5700	0.18000	3.3090	0.42859	0.13791	53	0.61	4%	0
004.07	Fiber, ANKOM (%)	0848	3.5850	0.03000	3.3090	0.42859	0.13791	53	0.64	4%	0
004.07	Fiber, ANKOM (%)	0083	3.5900	0.18000	3.3090	0.42859	0.13791	53	0.66	4%	0
004.07	Fiber, ANKOM (%)	0937	3.6000	0.08000	3.3090	0.42859	0.13791	53	0.68	4%	0
004.07	Fiber, ANKOM (%)	0529	3.6050	0.03000	3.3090	0.42859	0.13791	53	0.69	4%	0
004.07	Fiber, ANKOM (%)	0300	3.6625	0.13900	3.3090	0.42859	0.13791	53	0.82	5%	0
004.07	Fiber, ANKOM (%)	0294	3.7150	0.03000	3.3090	0.42859	0.13791	53	0.95	6%	0
004.07	Fiber, ANKOM (%)	0870	3.7771	0.01400	3.3090	0.42859	0.13791	53	1.09	7%	0
004.07	Fiber, ANKOM (%)	0613	3.7850	0.41000	3.3090	0.42859	0.13791	53	1.11	7%	0
004.07	Fiber, ANKOM (%)	0297	3.8500	0.00000	3.3090	0.42859	0.13791	53	1.26	8%	0
004.07	Fiber, ANKOM (%)	2108	3.8617	0.11000	3.3090	0.42859	0.13791	53	1.29	8%	0
004.07	Fiber, ANKOM (%)	2075	3.9000	0.00000	3.3090	0.42859	0.13791	53	1.38	9%	0
004.07	Fiber, ANKOM (%)	0581	3.9000	0.60000	3.3090	0.42859	0.13791	53	1.38	9%	0
004.07	Fiber, ANKOM (%)	0202	3.9050	0.17000	3.3090	0.42859	0.13791	53	1.39	9%	0
004.07	Fiber, ANKOM (%)	0956	3.9500	0.30000	3.3090	0.42859	0.13791	53	1.50	10%	0
004.07	Fiber, ANKOM (%)	0034	4.6500	0.10000	3.3090	0.42859	0.13791	53	3.13	20%	0
004.07	Fiber, ANKOM (%)	0876	3.6500	0.90000	3.3090	0.42859	0.13791	53	0.80	5%	1
004.07	Fiber, ANKOM (%)	0278	7.4500	0.10000	3.3090	0.42859	0.13791	53	9.66	63%	2
004.11	Fiber, NIR (%)	2036	0.15000	0.04000	2.8525	0.21527	0.03600	5	-1.77	47%	0
004.11	Fiber, NIR (%)	0889	2.5550	0.01000	2.8525	0.21527	0.03600	5	0.20	5%	0
004.11	Fiber, NIR (%)	0553	2.8500	0.02000	2.8525	0.21527	0.03600	5	0.44	12%	0
004.11	Fiber, NIR (%)	0051	2.9500	0.10000	2.8525	0.21527	0.03600	5	0.52	14%	0
004.11	Fiber, NIR (%)	0613	3.0550	0.01000	2.8525	0.21527	0.03600	5	0.61	16%	0
004.99	Fiber, Miscellaneous (%)	0629	2.5000	0.00000			0.01500	2	-0.71	6%	0
004.99	Fiber, Miscellaneous (%)	0536	3.1850	0.03000			0.01500	2	0.71	6%	0
005.00	Ash, 2h @ 600°C (%)	0042	6.8350	0.25000	7.3490	0.17079	0.06883	102	-3.01	3%	0
005.00	Ash, 2h @ 600°C (%)	2048	6.8930	0.06000	7.3490	0.17079	0.06883	102	-2.67	3%	0
005.00	Ash, 2h @ 600°C (%)	2108	7.0413	0.00860	7.3490	0.17079	0.06883	102	-1.80	2%	0
005.00	Ash, 2h @ 600°C (%)	0169	7.0650	0.07000	7.3490	0.17079	0.06883	102	-1.66	2%	0
005.00	Ash, 2h @ 600°C (%)	0958	7.0850	0.17000	7.3490	0.17079	0.06883	102	-1.55	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	
005.00	Ash, 2h @ 600°C (%)	0520	7.1050	0.33000	7.3490	0.17079	0.06883	102	-1.43	2%	0
005.00	Ash, 2h @ 600°C (%)	0842	7.1200	0.04000	7.3490	0.17079	0.06883	102	-1.34	2%	0
005.00	Ash, 2h @ 600°C (%)	0880	7.1230	0.09600	7.3490	0.17079	0.06883	102	-1.32	2%	0
005.00	Ash, 2h @ 600°C (%)	0152	7.1250	0.05000	7.3490	0.17079	0.06883	102	-1.31	2%	0
005.00	Ash, 2h @ 600°C (%)	0840	7.1250	0.01000	7.3490	0.17079	0.06883	102	-1.31	2%	0
005.00	Ash, 2h @ 600°C (%)	1010	7.1250	0.01000	7.3490	0.17079	0.06883	102	-1.31	2%	0
005.00	Ash, 2h @ 600°C (%)	0808	7.1300	0.02000	7.3490	0.17079	0.06883	102	-1.28	1%	0
005.00	Ash, 2h @ 600°C (%)	0811	7.1450	0.09000	7.3490	0.17079	0.06883	102	-1.19	1%	0
005.00	Ash, 2h @ 600°C (%)	0049	7.1550	0.13000	7.3490	0.17079	0.06883	102	-1.14	1%	0
005.00	Ash, 2h @ 600°C (%)	0810	7.1600	0.04000	7.3490	0.17079	0.06883	102	-1.11	1%	0
005.00	Ash, 2h @ 600°C (%)	0407	7.1607	0.14260	7.3490	0.17079	0.06883	102	-1.10	1%	0
005.00	Ash, 2h @ 600°C (%)	0841	7.1650	0.05000	7.3490	0.17079	0.06883	102	-1.08	1%	0
005.00	Ash, 2h @ 600°C (%)	0861	7.1700	0.02000	7.3490	0.17079	0.06883	102	-1.05	1%	0
005.00	Ash, 2h @ 600°C (%)	0123	7.1900	0.06000	7.3490	0.17079	0.06883	102	-0.93	1%	0
005.00	Ash, 2h @ 600°C (%)	0953	7.1900	0.06000	7.3490	0.17079	0.06883	102	-0.93	1%	0
005.00	Ash, 2h @ 600°C (%)	0957	7.1900	0.10000	7.3490	0.17079	0.06883	102	-0.93	1%	0
005.00	Ash, 2h @ 600°C (%)	0959	7.2000	0.18000	7.3490	0.17079	0.06883	102	-0.87	1%	0
005.00	Ash, 2h @ 600°C (%)	0853	7.2100	0.24000	7.3490	0.17079	0.06883	102	-0.81	1%	0
005.00	Ash, 2h @ 600°C (%)	2066	7.2150	0.03000	7.3490	0.17079	0.06883	102	-0.78	1%	0
005.00	Ash, 2h @ 600°C (%)	0001	7.2184	0.01980	7.3490	0.17079	0.06883	102	-0.76	1%	0
005.00	Ash, 2h @ 600°C (%)	0194	7.2250	0.03000	7.3490	0.17079	0.06883	102	-0.73	1%	0
005.00	Ash, 2h @ 600°C (%)	0148	7.2350	0.01000	7.3490	0.17079	0.06883	102	-0.67	1%	0
005.00	Ash, 2h @ 600°C (%)	0541	7.2400	0.06000	7.3490	0.17079	0.06883	102	-0.64	1%	0
005.00	Ash, 2h @ 600°C (%)	0650	7.2450	0.21000	7.3490	0.17079	0.06883	102	-0.61	1%	0
005.00	Ash, 2h @ 600°C (%)	0175	7.2500	0.06000	7.3490	0.17079	0.06883	102	-0.58	1%	0
005.00	Ash, 2h @ 600°C (%)	0539	7.2500	0.16000	7.3490	0.17079	0.06883	102	-0.58	1%	0
005.00	Ash, 2h @ 600°C (%)	0278	7.2600	0.04000	7.3490	0.17079	0.06883	102	-0.52	1%	0
005.00	Ash, 2h @ 600°C (%)	0144	7.2750	0.01000	7.3490	0.17079	0.06883	102	-0.43	1%	0
005.00	Ash, 2h @ 600°C (%)	2022	7.2850	0.01000	7.3490	0.17079	0.06883	102	-0.37	0%	0
005.00	Ash, 2h @ 600°C (%)	2068	7.2900	0.00000	7.3490	0.17079	0.06883	102	-0.35	0%	0
005.00	Ash, 2h @ 600°C (%)	0015	7.3000	0.06000	7.3490	0.17079	0.06883	102	-0.29	0%	0
005.00	Ash, 2h @ 600°C (%)	0354	7.3000	0.00000	7.3490	0.17079	0.06883	102	-0.29	0%	0
005.00	Ash, 2h @ 600°C (%)	0357	7.3000	0.00000	7.3490	0.17079	0.06883	102	-0.29	0%	0
005.00	Ash, 2h @ 600°C (%)	0675	7.3000	0.02000	7.3490	0.17079	0.06883	102	-0.29	0%	0
005.00	Ash, 2h @ 600°C (%)	0051	7.3000	0.20000	7.3490	0.17079	0.06883	102	-0.29	0%	0
005.00	Ash, 2h @ 600°C (%)	0205	7.3100	0.06400	7.3490	0.17079	0.06883	102	-0.23	0%	0
005.00	Ash, 2h @ 600°C (%)	0623	7.3117	0.01380	7.3490	0.17079	0.06883	102	-0.22	0%	0
005.00	Ash, 2h @ 600°C (%)	0510	7.3150	0.05000	7.3490	0.17079	0.06883	102	-0.20	0%	0
005.00	Ash, 2h @ 600°C (%)	0622	7.3176	0.01820	7.3490	0.17079	0.06883	102	-0.18	0%	0
005.00	Ash, 2h @ 600°C (%)	0035	7.3250	0.07000	7.3490	0.17079	0.06883	102	-0.14	0%	0
005.00	Ash, 2h @ 600°C (%)	0417	7.3250	0.19000	7.3490	0.17079	0.06883	102	-0.14	0%	0
005.00	Ash, 2h @ 600°C (%)	0062	7.3300	0.00000	7.3490	0.17079	0.06883	102	-0.11	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			
005.00	Ash, 2h @ 600°C (%)	0164	7.3300	0.02000	7.3490	0.17079	0.06883	102	-0.11	0%	0
005.00	Ash, 2h @ 600°C (%)	0089	7.3400	0.00000	7.3490	0.17079	0.06883	102	-0.05	0%	0
005.00	Ash, 2h @ 600°C (%)	0138	7.3445	0.01300	7.3490	0.17079	0.06883	102	-0.03	0%	0
005.00	Ash, 2h @ 600°C (%)	0083	7.3500	0.04000	7.3490	0.17079	0.06883	102	0.01	0%	0
005.00	Ash, 2h @ 600°C (%)	0353	7.3550	0.03000	7.3490	0.17079	0.06883	102	0.04	0%	0
005.00	Ash, 2h @ 600°C (%)	0358	7.3600	0.00000	7.3490	0.17079	0.06883	102	0.06	0%	0
005.00	Ash, 2h @ 600°C (%)	0589	7.3700	0.16000	7.3490	0.17079	0.06883	102	0.12	0%	0
005.00	Ash, 2h @ 600°C (%)	2073	7.3700	0.18000	7.3490	0.17079	0.06883	102	0.12	0%	0
005.00	Ash, 2h @ 600°C (%)	0693	7.3705	0.13180	7.3490	0.17079	0.06883	102	0.13	0%	0
005.00	Ash, 2h @ 600°C (%)	0620	7.3747	0.11930	7.3490	0.17079	0.06883	102	0.15	0%	0
005.00	Ash, 2h @ 600°C (%)	2012	7.3800	0.02000	7.3490	0.17079	0.06883	102	0.18	0%	0
005.00	Ash, 2h @ 600°C (%)	0100	7.3850	0.13000	7.3490	0.17079	0.06883	102	0.21	0%	0
005.00	Ash, 2h @ 600°C (%)	0142	7.3850	0.01000	7.3490	0.17079	0.06883	102	0.21	0%	0
005.00	Ash, 2h @ 600°C (%)	0848	7.3850	0.11000	7.3490	0.17079	0.06883	102	0.21	0%	0
005.00	Ash, 2h @ 600°C (%)	0682	7.3900	0.00000	7.3490	0.17079	0.06883	102	0.24	0%	0
005.00	Ash, 2h @ 600°C (%)	0598	7.3900	0.06000	7.3490	0.17079	0.06883	102	0.24	0%	0
005.00	Ash, 2h @ 600°C (%)	2058	7.3950	0.05000	7.3490	0.17079	0.06883	102	0.27	0%	0
005.00	Ash, 2h @ 600°C (%)	2053	7.4000	0.18000	7.3490	0.17079	0.06883	102	0.30	0%	0
005.00	Ash, 2h @ 600°C (%)	0553	7.4050	0.11000	7.3490	0.17079	0.06883	102	0.33	0%	0
005.00	Ash, 2h @ 600°C (%)	0681	7.4100	0.12000	7.3490	0.17079	0.06883	102	0.36	0%	0
005.00	Ash, 2h @ 600°C (%)	0651	7.4125	0.00500	7.3490	0.17079	0.06883	102	0.37	0%	0
005.00	Ash, 2h @ 600°C (%)	0870	7.4243	0.02380	7.3490	0.17079	0.06883	102	0.44	1%	0
005.00	Ash, 2h @ 600°C (%)	0723	7.4297	0.00000	7.3490	0.17079	0.06883	102	0.47	1%	0
005.00	Ash, 2h @ 600°C (%)	0098	7.4350	0.09000	7.3490	0.17079	0.06883	102	0.50	1%	0
005.00	Ash, 2h @ 600°C (%)	0630	7.4350	0.07000	7.3490	0.17079	0.06883	102	0.50	1%	0
005.00	Ash, 2h @ 600°C (%)	0229	7.4500	0.10000	7.3490	0.17079	0.06883	102	0.59	1%	0
005.00	Ash, 2h @ 600°C (%)	0653	7.4500	0.02000	7.3490	0.17079	0.06883	102	0.59	1%	0
005.00	Ash, 2h @ 600°C (%)	0563	7.4547	0.02290	7.3490	0.17079	0.06883	102	0.62	1%	0
005.00	Ash, 2h @ 600°C (%)	2006	7.4550	0.01000	7.3490	0.17079	0.06883	102	0.62	1%	0
005.00	Ash, 2h @ 600°C (%)	0881	7.4630	0.03000	7.3490	0.17079	0.06883	102	0.67	1%	0
005.00	Ash, 2h @ 600°C (%)	0208	7.4650	0.21000	7.3490	0.17079	0.06883	102	0.68	1%	0
005.00	Ash, 2h @ 600°C (%)	0596	7.4650	0.01000	7.3490	0.17079	0.06883	102	0.68	1%	0
005.00	Ash, 2h @ 600°C (%)	0505	7.4800	0.10000	7.3490	0.17079	0.06883	102	0.77	1%	0
005.00	Ash, 2h @ 600°C (%)	0609	7.4800	0.00000	7.3490	0.17079	0.06883	102	0.77	1%	0
005.00	Ash, 2h @ 600°C (%)	0045	7.4950	0.17000	7.3490	0.17079	0.06883	102	0.85	1%	0
005.00	Ash, 2h @ 600°C (%)	0265	7.5000	0.18000	7.3490	0.17079	0.06883	102	0.88	1%	0
005.00	Ash, 2h @ 600°C (%)	0722	7.5121	0.02690	7.3490	0.17079	0.06883	102	0.95	1%	0
005.00	Ash, 2h @ 600°C (%)	0552	7.5250	0.03000	7.3490	0.17079	0.06883	102	1.03	1%	0
005.00	Ash, 2h @ 600°C (%)	0845	7.5250	0.05000	7.3490	0.17079	0.06883	102	1.03	1%	0
005.00	Ash, 2h @ 600°C (%)	2089	7.5250	0.19000	7.3490	0.17079	0.06883	102	1.03	1%	0
005.00	Ash, 2h @ 600°C (%)	0918	7.5300	0.02000	7.3490	0.17079	0.06883	102	1.06	1%	0
005.00	Ash, 2h @ 600°C (%)	0968	7.5345	0.02900	7.3490	0.17079	0.06883	102	1.09	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	
005.00	Ash, 2h @ 600°C (%)	0618	7.5400	0.04000	7.3490	0.17079	0.06883	102	1.12	1%	0
005.00	Ash, 2h @ 600°C (%)	0643	7.5550	0.03000	7.3490	0.17079	0.06883	102	1.21	1%	0
005.00	Ash, 2h @ 600°C (%)	0309	7.5798	0.06590	7.3490	0.17079	0.06883	102	1.35	2%	0
005.00	Ash, 2h @ 600°C (%)	0674	7.5800	0.00000	7.3490	0.17079	0.06883	102	1.35	2%	0
005.00	Ash, 2h @ 600°C (%)	0948	7.5850	0.03000	7.3490	0.17079	0.06883	102	1.38	2%	0
005.00	Ash, 2h @ 600°C (%)	2106	7.5900	0.02000	7.3490	0.17079	0.06883	102	1.41	2%	0
005.00	Ash, 2h @ 600°C (%)	0171	7.5950	0.01000	7.3490	0.17079	0.06883	102	1.44	2%	0
005.00	Ash, 2h @ 600°C (%)	0366	7.6000	0.00000	7.3490	0.17079	0.06883	102	1.47	2%	0
005.00	Ash, 2h @ 600°C (%)	0504	7.6100	0.02000	7.3490	0.17079	0.06883	102	1.53	2%	0
005.00	Ash, 2h @ 600°C (%)	0615	7.6250	0.01000	7.3490	0.17079	0.06883	102	1.62	2%	0
005.00	Ash, 2h @ 600°C (%)	0956	7.6500	0.10000	7.3490	0.17079	0.06883	102	1.76	2%	0
005.00	Ash, 2h @ 600°C (%)	0581	7.7450	0.17000	7.3490	0.17079	0.06883	102	2.32	3%	0
005.00	Ash, 2h @ 600°C (%)	0852	7.7500	0.10000	7.3490	0.17079	0.06883	102	2.35	3%	0
005.00	Ash, 2h @ 600°C (%)	1019	6.1119	0.90370	7.3490	0.17079	0.06883	102	-7.24	8%	1
005.00	Ash, 2h @ 600°C (%)	0297	7.3500	0.70000	7.3490	0.17079	0.06883	102	0.01	0%	1
005.00	Ash, 2h @ 600°C (%)	0960	7.4350	0.63000	7.3490	0.17079	0.06883	102	0.50	1%	1
005.00	Ash, 2h @ 600°C (%)	0108	7.4750	0.69000	7.3490	0.17079	0.06883	102	0.74	1%	1
005.00	Ash, 2h @ 600°C (%)	0625	5.3000	0.20000	7.3490	0.17079	0.06883	102	-12.00	14%	2
005.05	Ash, 3h @ 550°C (%)	0685	7.2650	0.03000	7.4641	0.07198	0.04106	33	-2.77	1%	0
005.05	Ash, 3h @ 550°C (%)	0896	7.3350	0.01000	7.4641	0.07198	0.04106	33	-1.79	1%	0
005.05	Ash, 3h @ 550°C (%)	0897	7.3400	0.02000	7.4641	0.07198	0.04106	33	-1.72	1%	0
005.05	Ash, 3h @ 550°C (%)	2086	7.3400	0.04000	7.4641	0.07198	0.04106	33	-1.72	1%	0
005.05	Ash, 3h @ 550°C (%)	0038	7.3450	0.03000	7.4641	0.07198	0.04106	33	-1.65	1%	0
005.05	Ash, 3h @ 550°C (%)	0889	7.3550	0.19000	7.4641	0.07198	0.04106	33	-1.52	1%	0
005.05	Ash, 3h @ 550°C (%)	0178	7.3700	0.00000	7.4641	0.07198	0.04106	33	-1.31	1%	0
005.05	Ash, 3h @ 550°C (%)	2062	7.3743	0.00640	7.4641	0.07198	0.04106	33	-1.25	1%	0
005.05	Ash, 3h @ 550°C (%)	2011	7.3750	0.03000	7.4641	0.07198	0.04106	33	-1.24	1%	0
005.05	Ash, 3h @ 550°C (%)	0937	7.4200	0.06000	7.4641	0.07198	0.04106	33	-0.61	0%	0
005.05	Ash, 3h @ 550°C (%)	0934	7.4250	0.01000	7.4641	0.07198	0.04106	33	-0.54	0%	0
005.05	Ash, 3h @ 550°C (%)	0695	7.4290	0.03600	7.4641	0.07198	0.04106	33	-0.49	0%	0
005.05	Ash, 3h @ 550°C (%)	0720	7.4350	0.07000	7.4641	0.07198	0.04106	33	-0.40	0%	0
005.05	Ash, 3h @ 550°C (%)	0263	7.4468	0.02000	7.4641	0.07198	0.04106	33	-0.24	0%	0
005.05	Ash, 3h @ 550°C (%)	0903	7.4650	0.01000	7.4641	0.07198	0.04106	33	0.01	0%	0
005.05	Ash, 3h @ 550°C (%)	0065	7.4763	0.02250	7.4641	0.07198	0.04106	33	0.17	0%	0
005.05	Ash, 3h @ 550°C (%)	0921	7.4800	0.00000	7.4641	0.07198	0.04106	33	0.22	0%	0
005.05	Ash, 3h @ 550°C (%)	0895	7.4850	0.01000	7.4641	0.07198	0.04106	33	0.29	0%	0
005.05	Ash, 3h @ 550°C (%)	0610	7.4900	0.04000	7.4641	0.07198	0.04106	33	0.36	0%	0
005.05	Ash, 3h @ 550°C (%)	0683	7.4950	0.09000	7.4641	0.07198	0.04106	33	0.43	0%	0
005.05	Ash, 3h @ 550°C (%)	0413	7.5000	0.00000	7.4641	0.07198	0.04106	33	0.50	0%	0
005.05	Ash, 3h @ 550°C (%)	0590	7.5050	0.05000	7.4641	0.07198	0.04106	33	0.57	0%	0
005.05	Ash, 3h @ 550°C (%)	2009	7.5067	0.00160	7.4641	0.07198	0.04106	33	0.59	0%	0
005.05	Ash, 3h @ 550°C (%)	0893	7.5150	0.01000	7.4641	0.07198	0.04106	33	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	
005.05	Ash, 3h @ 550°C (%)	2058	7.5150	0.09000	7.4641	0.07198	0.04106	33	0.71	0%	0
005.05	Ash, 3h @ 550°C (%)	0900	7.5200	0.02000	7.4641	0.07198	0.04106	33	0.78	0%	0
005.05	Ash, 3h @ 550°C (%)	2091	7.5200	0.12000	7.4641	0.07198	0.04106	33	0.78	0%	0
005.05	Ash, 3h @ 550°C (%)	0845	7.5250	0.05000	7.4641	0.07198	0.04106	33	0.85	0%	0
005.05	Ash, 3h @ 550°C (%)	0849	7.5250	0.03000	7.4641	0.07198	0.04106	33	0.85	0%	0
005.05	Ash, 3h @ 550°C (%)	0868	7.5350	0.01000	7.4641	0.07198	0.04106	33	0.99	0%	0
005.05	Ash, 3h @ 550°C (%)	0294	7.5500	0.10000	7.4641	0.07198	0.04106	33	1.19	1%	0
005.05	Ash, 3h @ 550°C (%)	0885	7.5597	0.06850	7.4641	0.07198	0.04106	33	1.33	1%	0
005.05	Ash, 3h @ 550°C (%)	0689	7.6600	0.08000	7.4641	0.07198	0.04106	33	2.72	1%	0
005.05	Ash, 3h @ 550°C (%)	0904	7.4050	0.29000	7.4641	0.07198	0.04106	33	-0.82	0%	1
005.11	Ash, NIR (%)	2036	3.3250	0.29000	7.4917	1.2983	0.18167	6	-3.21	28%	0
005.11	Ash, NIR (%)	0613	6.8100	0.08000	7.4917	1.2983	0.18167	6	-0.53	5%	0
005.11	Ash, NIR (%)	0051	6.8500	0.10000	7.4917	1.2983	0.18167	6	-0.49	4%	0
005.11	Ash, NIR (%)	0720	8.1200	0.10000	7.4917	1.2983	0.18167	6	0.48	4%	0
005.11	Ash, NIR (%)	0297	8.2000	0.48000	7.4917	1.2983	0.18167	6	0.55	5%	0
005.11	Ash, NIR (%)	0889	9.2000	0.04000	7.4917	1.2983	0.18167	6	1.32	11%	0
005.99	Ash, Miscellaneous (%)	0574	7.0550	0.11000	7.4312	0.20835	0.07091	11	-1.81	3%	0
005.99	Ash, Miscellaneous (%)	2004	7.2700	0.12000	7.4312	0.20835	0.07091	11	-0.77	1%	0
005.99	Ash, Miscellaneous (%)	2023	7.2900	0.02000	7.4312	0.20835	0.07091	11	-0.68	1%	0
005.99	Ash, Miscellaneous (%)	0652	7.3000	0.00000	7.4312	0.20835	0.07091	11	-0.63	1%	0
005.99	Ash, Miscellaneous (%)	0202	7.3350	0.03000	7.4312	0.20835	0.07091	11	-0.46	1%	0
005.99	Ash, Miscellaneous (%)	2094	7.4150	0.05000	7.4312	0.20835	0.07091	11	-0.08	0%	0
005.99	Ash, Miscellaneous (%)	0629	7.4750	0.01000	7.4312	0.20835	0.07091	11	0.21	0%	0
005.99	Ash, Miscellaneous (%)	0019	7.5350	0.13000	7.4312	0.20835	0.07091	11	0.50	1%	0
005.99	Ash, Miscellaneous (%)	0884	7.6000	0.20000	7.4312	0.20835	0.07091	11	0.81	1%	0
005.99	Ash, Miscellaneous (%)	0676	7.7650	0.03000	7.4312	0.20835	0.07091	11	1.60	2%	0
005.99	Ash, Miscellaneous (%)	0536	7.9100	0.08000	7.4312	0.20835	0.07091	11	2.30	3%	0
005.99	Ash, Miscellaneous (%)	0613	6.7575	1.3650	7.4312	0.20835	0.07091	11	-3.23	5%	1
006.01	Total sugars, Mod. Fehling Soln (%)	0689	2.2500	0.50000			0.44000	2	-0.71	9%	0
006.01	Total sugars, Mod. Fehling Soln (%)	0407	3.2500	0.38000			0.44000	2	0.71	9%	0
006.99	Total sugars, Miscellaneous (%)	2004	2.0050	0.01000	6.8475	6.8483	0.11667	3	-0.68	32%	0
006.99	Total sugars, Miscellaneous (%)	0956	3.1500	0.30000	6.8475	6.8483	0.11667	3	-0.47	22%	0
006.99	Total sugars, Miscellaneous (%)	0720	11.690	0.04000	6.8475	6.8483	0.11667	3	1.15	54%	0
008.02	Fiber, Acid Detergent (%)	0504	3.7050	0.57000	5.0185	0.65850	0.26575	8	-1.99	13%	0
008.02	Fiber, Acid Detergent (%)	0948	3.8750	0.07000	5.0185	0.65850	0.26575	8	-1.74	11%	0
008.02	Fiber, Acid Detergent (%)	0353	4.6700	0.10000	5.0185	0.65850	0.26575	8	-0.53	3%	0
008.02	Fiber, Acid Detergent (%)	0675	5.0700	0.32000	5.0185	0.65850	0.26575	8	0.08	1%	0
008.02	Fiber, Acid Detergent (%)	0148	5.1650	0.21000	5.0185	0.65850	0.26575	8	0.22	1%	0
008.02	Fiber, Acid Detergent (%)	0098	5.3050	0.41000	5.0185	0.65850	0.26575	8	0.44	3%	0
008.02	Fiber, Acid Detergent (%)	0309	5.4232	0.21600	5.0185	0.65850	0.26575	8	0.61	4%	0
008.02	Fiber, Acid Detergent (%)	0609	13.585	0.23000	5.0185	0.65850	0.26575	8	13.01	85%	0
008.05	Fiber, Acid Detergent-Hach (%)	0265	6.5500	0.30000			0.30000	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	
008.08	Fiber, Acid Detergent, ANKOM (%)	0613	3.2200	1.3200	4.8220	1.0179	0.32178	34	-1.57	17%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0413	3.3500	0.30000	4.8220	1.0179	0.32178	34	-1.45	15%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0049	3.4000	0.50000	4.8220	1.0179	0.32178	34	-1.40	15%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0861	3.6400	0.14000	4.8220	1.0179	0.32178	34	-1.16	12%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0723	3.9200	0.00000	4.8220	1.0179	0.32178	34	-0.89	9%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0004	3.9750	0.09000	4.8220	1.0179	0.32178	34	-0.83	9%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0358	4.0550	0.05000	4.8220	1.0179	0.32178	34	-0.75	8%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0035	4.1750	0.21000	4.8220	1.0179	0.32178	34	-0.64	7%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0297	4.1900	0.06000	4.8220	1.0179	0.32178	34	-0.62	7%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0178	4.2100	0.06000	4.8220	1.0179	0.32178	34	-0.60	6%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0164	4.2500	0.10000	4.8220	1.0179	0.32178	34	-0.56	6%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	2004	4.2650	0.29000	4.8220	1.0179	0.32178	34	-0.55	6%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0889	4.3000	0.00000	4.8220	1.0179	0.32178	34	-0.51	5%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0563	4.3762	0.02830	4.8220	1.0179	0.32178	34	-0.44	5%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	2012	4.4200	0.58000	4.8220	1.0179	0.32178	34	-0.39	4%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0354	4.4250	0.03000	4.8220	1.0179	0.32178	34	-0.39	4%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0148	4.5850	0.15000	4.8220	1.0179	0.32178	34	-0.23	2%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0968	4.6800	0.14000	4.8220	1.0179	0.32178	34	-0.14	1%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0918	4.9110	0.41400	4.8220	1.0179	0.32178	34	0.09	1%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0870	4.9799	0.19370	4.8220	1.0179	0.32178	34	0.16	2%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0956	5.1500	1.1000	4.8220	1.0179	0.32178	34	0.32	3%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0001	5.2050	0.23000	4.8220	1.0179	0.32178	34	0.38	4%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0581	5.3150	0.05000	4.8220	1.0179	0.32178	34	0.48	5%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0083	5.5550	0.39000	4.8220	1.0179	0.32178	34	0.72	8%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0263	5.5851	0.12330	4.8220	1.0179	0.32178	34	0.75	8%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0693	5.6666	0.85750	4.8220	1.0179	0.32178	34	0.83	9%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0407	5.7263	0.36360	4.8220	1.0179	0.32178	34	0.89	9%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0045	5.7300	0.60000	4.8220	1.0179	0.32178	34	0.89	9%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0294	6.0000	0.00000	4.8220	1.0179	0.32178	34	1.16	12%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0510	6.2500	0.10000	4.8220	1.0179	0.32178	34	1.40	15%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0357	6.6000	1.4000	4.8220	1.0179	0.32178	34	1.75	18%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0904	6.6850	0.85000	4.8220	1.0179	0.32178	34	1.83	19%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0037	7.6200	0.12000	4.8220	1.0179	0.32178	34	2.75	29%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0278	8.5500	0.10000	4.8220	1.0179	0.32178	34	3.66	39%	0
008.99	Fiber, Acid Detergent Miscellaneous (%)	0720	3.6450	0.07000			0.23500	2	-0.71	4%	0
008.99	Fiber, Acid Detergent Miscellaneous (%)	0511	4.3000	0.40000			0.23500	2	0.71	4%	0
009.04	Fiber, Neutral Det-No ENZ Pretreat (%)	0504	8.0100	0.74000			0.74000	1			0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0353	7.4250	0.11000	9.1125	1.4442	0.58342	5	-0.60	23%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0098	8.3950	0.11000	9.1125	1.4442	0.58342	5	-0.51	20%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0309	10.280	0.86710	9.1125	1.4442	0.58342	5	-0.34	13%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0675	10.350	0.50000	9.1125	1.4442	0.58342	5	-0.33	13%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0609	33.255	1.3300	9.1125	1.4442	0.58342	5	1.78	69%	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	
009.09	Fiber, Neutral Detergent, ANKOM (%)	0413	6.8500	0.10000	9.9299	2.2600	0.38547	35	-1.36	16%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0598	7.1350	0.11000	9.9299	2.2600	0.38547	35	-1.24	14%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0861	7.2200	0.16000	9.9299	2.2600	0.38547	35	-1.20	14%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0098	7.4800	0.06000	9.9299	2.2600	0.38547	35	-1.08	12%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0049	7.4850	0.35000	9.9299	2.2600	0.38547	35	-1.08	12%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0870	7.7283	0.33150	9.9299	2.2600	0.38547	35	-0.97	11%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0563	7.8745	0.25730	9.9299	2.2600	0.38547	35	-0.91	10%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	2004	8.1200	0.08000	9.9299	2.2600	0.38547	35	-0.80	9%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0164	8.6500	0.30000	9.9299	2.2600	0.38547	35	-0.57	6%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0148	8.6850	0.29000	9.9299	2.2600	0.38547	35	-0.55	6%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0354	8.7050	0.01000	9.9299	2.2600	0.38547	35	-0.54	6%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0297	8.7300	0.42000	9.9299	2.2600	0.38547	35	-0.53	6%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0948	8.8400	0.26000	9.9299	2.2600	0.38547	35	-0.48	5%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	2012	9.1050	0.21000	9.9299	2.2600	0.38547	35	-0.37	4%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0956	9.1500	1.5000	9.9299	2.2600	0.38547	35	-0.35	4%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0693	9.1761	0.25640	9.9299	2.2600	0.38547	35	-0.33	4%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0001	9.3550	0.09000	9.9299	2.2600	0.38547	35	-0.25	3%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0263	9.6151	0.00340	9.9299	2.2600	0.38547	35	-0.14	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0889	9.7450	0.49000	9.9299	2.2600	0.38547	35	-0.08	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0581	10.040	0.14000	9.9299	2.2600	0.38547	35	0.05	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0613	10.200	0.74000	9.9299	2.2600	0.38547	35	0.12	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0723	10.350	0.00000	9.9299	2.2600	0.38547	35	0.19	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0083	10.375	0.37000	9.9299	2.2600	0.38547	35	0.20	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0407	10.390	0.33570	9.9299	2.2600	0.38547	35	0.20	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0918	11.186	1.2970	9.9299	2.2600	0.38547	35	0.56	6%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0045	11.250	0.30000	9.9299	2.2600	0.38547	35	0.58	7%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0265	11.350	0.50000	9.9299	2.2600	0.38547	35	0.63	7%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0294	11.400	0.20000	9.9299	2.2600	0.38547	35	0.65	7%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0968	12.815	0.03000	9.9299	2.2600	0.38547	35	1.28	15%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0357	13.000	0.20000	9.9299	2.2600	0.38547	35	1.36	15%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0904	14.435	1.4900	9.9299	2.2600	0.38547	35	1.99	23%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0278	15.150	0.30000	9.9299	2.2600	0.38547	35	2.31	26%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0178	15.215	1.6300	9.9299	2.2600	0.38547	35	2.34	27%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0510	15.550	0.50000	9.9299	2.2600	0.38547	35	2.49	28%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0037	15.830	0.18000	9.9299	2.2600	0.38547	35	2.61	30%	0
009.99	Fiber, Neutral Det Miscellaneous (%)	0720	3.7400	0.02000			0.02000	1			0
010.03	Moisture, Karl-Fischer (%)	0843	7.2750	0.49000	7.3633	0.13194	0.58000	3	-0.67	1%	0
010.03	Moisture, Karl-Fischer (%)	0164	7.3000	0.82000	7.3633	0.13194	0.58000	3	-0.48	0%	0
010.03	Moisture, Karl-Fischer (%)	0208	7.5150	0.43000	7.3633	0.13194	0.58000	3	1.15	1%	0
010.11	Moisture, NIR (%)	2043	5.4450	0.33000	7.6821	1.1507	0.12786	7	-1.94	15%	0
010.11	Moisture, NIR (%)	0720	6.4250	0.01000	7.6821	1.1507	0.12786	7	-1.09	8%	0
010.11	Moisture, NIR (%)	0889	7.5950	0.03000	7.6821	1.1507	0.12786	7	-0.08	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			
010.11	Moisture, NIR (%)	0051	7.8000	0.00000	7.6821	1.1507	0.12786	7	0.10	1%	0
010.11	Moisture, NIR (%)	2036	8.0400	0.04000	7.6821	1.1507	0.12786	7	0.31	2%	0
010.11	Moisture, NIR (%)	0852	8.4550	0.17000	7.6821	1.1507	0.12786	7	0.67	5%	0
010.11	Moisture, NIR (%)	0038	9.1165	0.31500	7.6821	1.1507	0.12786	7	1.25	9%	0
010.99	Moisture, Miscellaneous (%)	0168	3.8150	0.05000	7.1461	0.34002	0.07626	16	-9.80	23%	0
010.99	Moisture, Miscellaneous (%)	0722	4.3981	0.01020	7.1461	0.34002	0.07626	16	-8.08	19%	0
010.99	Moisture, Miscellaneous (%)	0917	5.7500	0.10000	7.1461	0.34002	0.07626	16	-4.11	10%	0
010.99	Moisture, Miscellaneous (%)	2055	6.3500	0.10000	7.1461	0.34002	0.07626	16	-2.34	6%	0
010.99	Moisture, Miscellaneous (%)	0946	6.8200	0.00000	7.1461	0.34002	0.07626	16	-0.96	2%	0
010.99	Moisture, Miscellaneous (%)	2089	6.8400	0.28000	7.1461	0.34002	0.07626	16	-0.90	2%	0
010.99	Moisture, Miscellaneous (%)	0726	6.9950	0.07000	7.1461	0.34002	0.07626	16	-0.44	1%	0
010.99	Moisture, Miscellaneous (%)	0952	7.2750	0.09000	7.1461	0.34002	0.07626	16	0.38	1%	0
010.99	Moisture, Miscellaneous (%)	0019	7.3000	0.00000	7.1461	0.34002	0.07626	16	0.45	1%	0
010.99	Moisture, Miscellaneous (%)	0939	7.3400	0.24000	7.1461	0.34002	0.07626	16	0.57	1%	0
010.99	Moisture, Miscellaneous (%)	0948	7.3500	0.00000	7.1461	0.34002	0.07626	16	0.60	1%	0
010.99	Moisture, Miscellaneous (%)	2004	7.3750	0.09000	7.1461	0.34002	0.07626	16	0.67	2%	0
010.99	Moisture, Miscellaneous (%)	0884	7.4000	0.00000	7.1461	0.34002	0.07626	16	0.75	2%	0
010.99	Moisture, Miscellaneous (%)	0190	7.4700	0.04000	7.1461	0.34002	0.07626	16	0.95	2%	0
010.99	Moisture, Miscellaneous (%)	0921	7.5050	0.07000	7.1461	0.34002	0.07626	16	1.06	3%	0
010.99	Moisture, Miscellaneous (%)	0405	7.5200	0.08000	7.1461	0.34002	0.07626	16	1.10	3%	0
010.99	Moisture, Miscellaneous (%)	0964	6.9400	0.70000	7.1461	0.34002	0.07626	16	-0.61	1%	1
011.01	Loss on Drying, 135°C 2hr (%)	0722	5.1209	0.01150	7.8892	0.26439	0.13163	86	-10.47	18%	0
011.01	Loss on Drying, 135°C 2hr (%)	0171	6.9300	0.02000	7.8892	0.26439	0.13163	86	-3.63	6%	0
011.01	Loss on Drying, 135°C 2hr (%)	2031	7.0900	0.04000	7.8892	0.26439	0.13163	86	-3.02	5%	0
011.01	Loss on Drying, 135°C 2hr (%)	0623	7.2816	0.68960	7.8892	0.26439	0.13163	86	-2.30	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	0407	7.3177	0.14250	7.8892	0.26439	0.13163	86	-2.16	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	0554	7.3300	0.12000	7.8892	0.26439	0.13163	86	-2.11	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	0870	7.3631	0.08360	7.8892	0.26439	0.13163	86	-1.99	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0175	7.4000	0.40000	7.8892	0.26439	0.13163	86	-1.85	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0960	7.4500	0.62000	7.8892	0.26439	0.13163	86	-1.66	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0265	7.4500	0.50000	7.8892	0.26439	0.13163	86	-1.66	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0178	7.4650	0.03000	7.8892	0.26439	0.13163	86	-1.60	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	2073	7.4900	0.22000	7.8892	0.26439	0.13163	86	-1.51	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0859	7.5850	0.00200	7.8892	0.26439	0.13163	86	-1.15	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0553	7.5950	0.75000	7.8892	0.26439	0.13163	86	-1.11	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0233	7.6300	0.44000	7.8892	0.26439	0.13163	86	-0.98	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0622	7.6485	0.08230	7.8892	0.26439	0.13163	86	-0.91	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0811	7.6800	0.08000	7.8892	0.26439	0.13163	86	-0.79	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0881	7.6890	0.13800	7.8892	0.26439	0.13163	86	-0.76	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	2108	7.6898	0.29030	7.8892	0.26439	0.13163	86	-0.75	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0723	7.6900	0.00000	7.8892	0.26439	0.13163	86	-0.75	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0598	7.7000	0.12000	7.8892	0.26439	0.13163	86	-0.72	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 (%)	0968	7.7060	0.02800	7.8892	0.26439	0.13163	86	-0.69	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0620	7.7119	0.04540	7.8892	0.26439	0.13163	86	-0.67	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0354	7.7150	0.03000	7.8892	0.26439	0.13163	86	-0.66	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0574	7.7150	0.47000	7.8892	0.26439	0.13163	86	-0.66	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0790	7.7250	0.01000	7.8892	0.26439	0.13163	86	-0.62	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0563	7.7372	0.02150	7.8892	0.26439	0.13163	86	-0.57	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0294	7.7500	0.10000	7.8892	0.26439	0.13163	86	-0.53	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0263	7.7502	0.36640	7.8892	0.26439	0.13163	86	-0.53	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0685	7.7650	0.07000	7.8892	0.26439	0.13163	86	-0.47	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0138	7.7660	0.09000	7.8892	0.26439	0.13163	86	-0.47	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0682	7.7800	0.00000	7.8892	0.26439	0.13163	86	-0.41	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0953	7.7850	0.07000	7.8892	0.26439	0.13163	86	-0.39	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	2016	7.8050	0.01000	7.8892	0.26439	0.13163	86	-0.32	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0194	7.8250	0.03000	7.8892	0.26439	0.13163	86	-0.24	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0651	7.8350	0.00800	7.8892	0.26439	0.13163	86	-0.20	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0653	7.8450	0.03000	7.8892	0.26439	0.13163	86	-0.17	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0108	7.8950	0.61000	7.8892	0.26439	0.13163	86	0.02	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0229	7.8950	0.03000	7.8892	0.26439	0.13163	86	0.02	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0589	7.9000	0.42000	7.8892	0.26439	0.13163	86	0.04	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0957	7.9000	0.18000	7.8892	0.26439	0.13163	86	0.04	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	2022	7.9050	0.03000	7.8892	0.26439	0.13163	86	0.06	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0100	7.9100	0.04000	7.8892	0.26439	0.13163	86	0.08	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0051	7.9200	0.22000	7.8892	0.26439	0.13163	86	0.12	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0062	7.9200	0.04000	7.8892	0.26439	0.13163	86	0.12	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0843	7.9300	0.10000	7.8892	0.26439	0.13163	86	0.15	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0148	7.9450	0.01000	7.8892	0.26439	0.13163	86	0.21	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0841	7.9450	0.05000	7.8892	0.26439	0.13163	86	0.21	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	2006	7.9550	0.13000	7.8892	0.26439	0.13163	86	0.25	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0098	7.9800	0.26000	7.8892	0.26439	0.13163	86	0.34	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0789	7.9850	0.03000	7.8892	0.26439	0.13163	86	0.36	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	1005	7.9850	0.05000	7.8892	0.26439	0.13163	86	0.36	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0880	7.9905	0.02300	7.8892	0.26439	0.13163	86	0.38	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0650	7.9950	0.25000	7.8892	0.26439	0.13163	86	0.40	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0144	8.0100	0.08000	7.8892	0.26439	0.13163	86	0.46	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	1010	8.0100	0.00000	7.8892	0.26439	0.13163	86	0.46	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0539	8.0150	0.05000	7.8892	0.26439	0.13163	86	0.48	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0309	8.0200	0.20000	7.8892	0.26439	0.13163	86	0.49	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0511	8.0200	0.06000	7.8892	0.26439	0.13163	86	0.49	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0794	8.0200	0.10000	7.8892	0.26439	0.13163	86	0.49	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0164	8.0250	0.01000	7.8892	0.26439	0.13163	86	0.51	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0861	8.0250	0.01000	7.8892	0.26439	0.13163	86	0.51	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0848	8.0300	0.10000	7.8892	0.26439	0.13163	86	0.53	1%	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			
011.01	Loss on Drying, 135°C 2hr (%)	0810	8.0550	0.01000	7.8892	0.26439	0.13163	86	0.63	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0033	8.0600	0.06000	7.8892	0.26439	0.13163	86	0.65	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0808	8.0750	0.05000	7.8892	0.26439	0.13163	86	0.70	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0541	8.0850	0.07000	7.8892	0.26439	0.13163	86	0.74	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0840	8.0850	0.05000	7.8892	0.26439	0.13163	86	0.74	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0123	8.0900	0.14000	7.8892	0.26439	0.13163	86	0.76	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0674	8.0900	0.00000	7.8892	0.26439	0.13163	86	0.76	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0959	8.1050	0.23000	7.8892	0.26439	0.13163	86	0.82	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0026	8.1150	0.13000	7.8892	0.26439	0.13163	86	0.85	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0208	8.1200	0.20000	7.8892	0.26439	0.13163	86	0.87	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	2068	8.1250	0.03000	7.8892	0.26439	0.13163	86	0.89	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0792	8.1550	0.07000	7.8892	0.26439	0.13163	86	1.01	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0520	8.1550	0.03000	7.8892	0.26439	0.13163	86	1.01	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0842	8.2000	0.14000	7.8892	0.26439	0.13163	86	1.18	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0552	8.2050	0.07000	7.8892	0.26439	0.13163	86	1.19	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0510	8.2500	0.10000	7.8892	0.26439	0.13163	86	1.36	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0958	8.2600	0.04000	7.8892	0.26439	0.13163	86	1.40	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0152	8.3000	0.20000	7.8892	0.26439	0.13163	86	1.55	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0358	8.3150	0.01000	7.8892	0.26439	0.13163	86	1.61	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0205	8.3550	0.15800	7.8892	0.26439	0.13163	86	1.76	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0202	8.4150	0.05000	7.8892	0.26439	0.13163	86	1.99	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0529	8.5150	0.03000	7.8892	0.26439	0.13163	86	2.37	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	0675	10.745	0.21000	7.8892	0.26439	0.13163	86	10.80	18%	0
011.01	Loss on Drying, 135°C 2hr (%)	1019	7.6600	0.90000	7.8892	0.26439	0.13163	86	-0.87	1%	1
011.01	Loss on Drying, 135°C 2hr (%)	2095	8.2000	0.80000	7.8892	0.26439	0.13163	86	1.18	2%	1
011.01	Loss on Drying, 135°C 2hr (%)	0625	8.5000	1.0000	7.8892	0.26439	0.13163	86	2.31	4%	1
011.02	Loss on Drying, 130°C for 2 hours (%)	2094	7.3900	0.22000	7.7926	0.32613	0.17467	6	-1.23	3%	0
011.02	Loss on Drying, 130°C for 2 hours (%)	2083	7.6690	0.13800	7.7926	0.32613	0.17467	6	-0.38	1%	0
011.02	Loss on Drying, 130°C for 2 hours (%)	0417	7.6850	0.49000	7.7926	0.32613	0.17467	6	-0.33	1%	0
011.02	Loss on Drying, 130°C for 2 hours (%)	0942	7.7600	0.08000	7.7926	0.32613	0.17467	6	-0.10	0%	0
011.02	Loss on Drying, 130°C for 2 hours (%)	2023	8.1000	0.02000	7.7926	0.32613	0.17467	6	0.94	2%	0
011.02	Loss on Drying, 130°C for 2 hours (%)	0047	8.2500	0.10000	7.7926	0.32613	0.17467	6	1.40	3%	0
011.03	Loss on drying, 130°C, 1 hour, Flour (%)	0681	6.9750	0.03000			0.03000	1			0
011.99	Loss on Drying, High Temp. Methods Miscellaneous	0852	7.0150	0.07000	7.3813	0.26976	0.15750	4	-1.36	2%	0
011.99	Loss on Drying, High Temp. Methods Miscellaneous	2076	7.3700	0.14000	7.3813	0.26976	0.15750	4	-0.04	0%	0
011.99	Loss on Drying, High Temp. Methods Miscellaneous	0541	7.4900	0.32000	7.3813	0.26976	0.15750	4	0.40	1%	0
011.99	Loss on Drying, High Temp. Methods Miscellaneous	0857	7.6500	0.10000	7.3813	0.26976	0.15750	4	1.00	2%	0
012.00	Starch, Polarimetric (Ewers) (%)	2006	32.790	0.22000	34.098	1.1592	0.20500	10	-1.13	2%	0
012.00	Starch, Polarimetric (Ewers) (%)	0689	32.900	0.80000	34.098	1.1592	0.20500	10	-1.03	2%	0
012.00	Starch, Polarimetric (Ewers) (%)	0609	33.110	0.00000	34.098	1.1592	0.20500	10	-0.85	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0354	33.585	0.21000	34.098	1.1592	0.20500	10	-0.44	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0682	33.720	0.00000	34.098	1.1592	0.20500	10	-0.33	1%	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			
012.00	Starch, Polarimetric (Ewers) (%)	2023	34.550	0.10000	34.098	1.1592	0.20500	10	0.39	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0723	34.691	0.00000	34.098	1.1592	0.20500	10	0.51	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0683	34.825	0.57000	34.098	1.1592	0.20500	10	0.63	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0610	34.975	0.05000	34.098	1.1592	0.20500	10	0.76	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0178	36.140	0.10000	34.098	1.1592	0.20500	10	1.76	3%	0
012.01	Starch, Megazyme (%)	0613	6.2850	0.39000	31.643	2.8355	0.83036	8	-8.94	40%	0
012.01	Starch, Megazyme (%)	2066	29.870	1.6800	31.643	2.8355	0.83036	8	-0.63	3%	0
012.01	Starch, Megazyme (%)	0918	30.264	0.45500	31.643	2.8355	0.83036	8	-0.49	2%	0
012.01	Starch, Megazyme (%)	0676	31.000	0.72000	31.643	2.8355	0.83036	8	-0.23	1%	0
012.01	Starch, Megazyme (%)	0956	32.000	1.0000	31.643	2.8355	0.83036	8	0.13	1%	0
012.01	Starch, Megazyme (%)	2004	33.900	1.0000	31.643	2.8355	0.83036	8	0.80	4%	0
012.01	Starch, Megazyme (%)	0870	34.019	0.79790	31.643	2.8355	0.83036	8	0.84	4%	0
012.01	Starch, Megazyme (%)	0265	34.700	0.60000	31.643	2.8355	0.83036	8	1.08	5%	0
012.02	Starch, Colorimetric (GOP) (%)	0955	33.300	0.20000			0.34500	2	-0.71	2%	0
012.02	Starch, Colorimetric (GOP) (%)	2089	36.375	0.49000			0.34500	2	0.71	2%	0
012.03	Starch, Enzymatic (%)	0889	31.020	0.02000	32.893	1.6873	0.21936	5	-1.11	3%	0
012.03	Starch, Enzymatic (%)	0098	32.050	0.30000	32.893	1.6873	0.21936	5	-0.50	1%	0
012.03	Starch, Enzymatic (%)	0407	32.560	0.00000	32.893	1.6873	0.21936	5	-0.20	1%	0
012.03	Starch, Enzymatic (%)	0885	33.322	0.30680	32.893	1.6873	0.21936	5	0.25	1%	0
012.03	Starch, Enzymatic (%)	0297	35.515	0.47000	32.893	1.6873	0.21936	5	1.55	4%	0
012.04	Starch, YSI Analyzer (%)	0510	30.600	0.20000	32.065	1.4756	0.36867	6	-0.99	2%	0
012.04	Starch, YSI Analyzer (%)	0278	31.000	0.20000	32.065	1.4756	0.36867	6	-0.72	2%	0
012.04	Starch, YSI Analyzer (%)	0160	31.545	1.0500	32.065	1.4756	0.36867	6	-0.35	1%	0
012.04	Starch, YSI Analyzer (%)	0674	32.181	0.37200	32.065	1.4756	0.36867	6	0.08	0%	0
012.04	Starch, YSI Analyzer (%)	0353	32.990	0.12000	32.065	1.4756	0.36867	6	0.63	1%	0
012.04	Starch, YSI Analyzer (%)	0948	35.535	0.27000	32.065	1.4756	0.36867	6	2.35	5%	0
012.11	Starch, NIR (%)	0889	21.905	0.01000	27.105	7.3539	0.19667	3	-1.14	11%	0
012.11	Starch, NIR (%)	0297	30.585	0.55000	27.105	7.3539	0.19667	3	0.42	4%	0
012.11	Starch, NIR (%)	0720	32.305	0.03000	27.105	7.3539	0.19667	3	0.72	7%	0
013.00	Fat, Acid hydrolysis (%)	0297	11.065	0.53000	13.040	0.62078	0.17667	23	-3.18	8%	0
013.00	Fat, Acid hydrolysis (%)	0948	11.915	0.01000	13.040	0.62078	0.17667	23	-1.81	4%	0
013.00	Fat, Acid hydrolysis (%)	0653	12.315	0.09000	13.040	0.62078	0.17667	23	-1.17	3%	0
013.00	Fat, Acid hydrolysis (%)	0309	12.475	0.21930	13.040	0.62078	0.17667	23	-0.91	2%	0
013.00	Fat, Acid hydrolysis (%)	0366	12.500	0.20000	13.040	0.62078	0.17667	23	-0.87	2%	0
013.00	Fat, Acid hydrolysis (%)	0083	12.545	0.17000	13.040	0.62078	0.17667	23	-0.80	2%	0
013.00	Fat, Acid hydrolysis (%)	0884	12.650	0.10000	13.040	0.62078	0.17667	23	-0.63	1%	0
013.00	Fat, Acid hydrolysis (%)	0681	12.800	0.02000	13.040	0.62078	0.17667	23	-0.39	1%	0
013.00	Fat, Acid hydrolysis (%)	0689	12.800	0.60000	13.040	0.62078	0.17667	23	-0.39	1%	0
013.00	Fat, Acid hydrolysis (%)	0695	12.949	0.08400	13.040	0.62078	0.17667	23	-0.15	0%	0
013.00	Fat, Acid hydrolysis (%)	2053	13.050	0.22000	13.040	0.62078	0.17667	23	0.02	0%	0
013.00	Fat, Acid hydrolysis (%)	0904	13.110	0.14000	13.040	0.62078	0.17667	23	0.11	0%	0
013.00	Fat, Acid hydrolysis (%)	0202	13.155	0.11000	13.040	0.62078	0.17667	23	0.19	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	
013.00	Fat, Acid hydrolysis (%)	2016	13.195	0.33000	13.040	0.62078	0.17667	23	0.25	1%	0
013.00	Fat, Acid hydrolysis (%)	0504	13.205	0.39000	13.040	0.62078	0.17667	23	0.27	1%	0
013.00	Fat, Acid hydrolysis (%)	0629	13.250	0.00000	13.040	0.62078	0.17667	23	0.34	1%	0
013.00	Fat, Acid hydrolysis (%)	0615	13.370	0.20000	13.040	0.62078	0.17667	23	0.53	1%	0
013.00	Fat, Acid hydrolysis (%)	2004	13.500	0.20000	13.040	0.62078	0.17667	23	0.74	2%	0
013.00	Fat, Acid hydrolysis (%)	0229	13.600	0.20000	13.040	0.62078	0.17667	23	0.90	2%	0
013.00	Fat, Acid hydrolysis (%)	2023	13.605	0.01000	13.040	0.62078	0.17667	23	0.91	2%	0
013.00	Fat, Acid hydrolysis (%)	0035	13.710	0.12000	13.040	0.62078	0.17667	23	1.08	3%	0
013.00	Fat, Acid hydrolysis (%)	2089	13.945	0.03000	13.040	0.62078	0.17667	23	1.46	3%	0
013.00	Fat, Acid hydrolysis (%)	2094	14.025	0.09000	13.040	0.62078	0.17667	23	1.59	4%	0
013.00	Fat, Acid hydrolysis (%)	0555	9.9000	0.80000	13.040	0.62078	0.17667	23	-5.06	12%	1
013.02	Fat, Mojonnier, Bak Ext (%)	1005	12.175	0.27000	13.725	0.39320	0.24246	46	-3.94	6%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0790	12.245	0.29000	13.725	0.39320	0.24246	46	-3.76	5%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0033	12.650	0.10000	13.725	0.39320	0.24246	46	-2.73	4%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0643	12.845	0.49000	13.725	0.39320	0.24246	46	-2.24	3%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0794	12.915	0.37000	13.725	0.39320	0.24246	46	-2.06	3%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0100	13.100	0.58000	13.725	0.39320	0.24246	46	-1.59	2%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0870	13.161	0.15840	13.725	0.39320	0.24246	46	-1.43	2%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0853	13.235	0.33000	13.725	0.39320	0.24246	46	-1.25	2%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0811	13.330	0.28000	13.725	0.39320	0.24246	46	-1.00	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0792	13.370	0.36000	13.725	0.39320	0.24246	46	-0.90	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0789	13.445	0.23000	13.725	0.39320	0.24246	46	-0.71	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0958	13.460	0.02000	13.725	0.39320	0.24246	46	-0.67	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0013	13.485	0.27000	13.725	0.39320	0.24246	46	-0.61	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0065	13.536	0.04250	13.725	0.39320	0.24246	46	-0.48	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0596	13.545	0.59000	13.725	0.39320	0.24246	46	-0.46	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0001	13.623	0.15210	13.725	0.39320	0.24246	46	-0.26	0%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0051	13.650	0.10000	13.725	0.39320	0.24246	46	-0.19	0%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0164	13.675	0.09000	13.725	0.39320	0.24246	46	-0.13	0%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0808	13.680	0.06000	13.725	0.39320	0.24246	46	-0.11	0%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0957	13.710	0.12000	13.725	0.39320	0.24246	46	-0.04	0%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0512	13.725	0.23000	13.725	0.39320	0.24246	46	0.00	0%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0175	13.735	0.07000	13.725	0.39320	0.24246	46	0.03	0%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0842	13.760	0.12000	13.725	0.39320	0.24246	46	0.09	0%	0
013.02	Fat, Mojonnier, Bak Ext (%)	2073	13.795	0.21000	13.725	0.39320	0.24246	46	0.18	0%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0510	13.800	0.00000	13.725	0.39320	0.24246	46	0.19	0%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0650	13.800	0.04000	13.725	0.39320	0.24246	46	0.19	0%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0148	13.810	0.58000	13.725	0.39320	0.24246	46	0.22	0%	0
013.02	Fat, Mojonnier, Bak Ext (%)	1010	13.815	0.01000	13.725	0.39320	0.24246	46	0.23	0%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0840	13.820	0.08000	13.725	0.39320	0.24246	46	0.24	0%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0098	13.825	0.11000	13.725	0.39320	0.24246	46	0.26	0%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0810	13.840	0.06000	13.725	0.39320	0.24246	46	0.29	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	
013.02	Fat, Mojonnier, Bak Ext (%)	0960	13.845	0.33000	13.725	0.39320	0.24246	46	0.31	0%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0843	13.880	0.52000	13.725	0.39320	0.24246	46	0.40	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0959	13.910	0.66000	13.725	0.39320	0.24246	46	0.47	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0511	13.945	0.49000	13.725	0.39320	0.24246	46	0.56	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0861	14.040	0.22000	13.725	0.39320	0.24246	46	0.80	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0553	14.045	0.03000	13.725	0.39320	0.24246	46	0.81	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0841	14.065	0.27000	13.725	0.39320	0.24246	46	0.87	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0675	14.075	0.13000	13.725	0.39320	0.24246	46	0.89	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0682	14.170	0.00000	13.725	0.39320	0.24246	46	1.13	2%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0964	14.180	0.08000	13.725	0.39320	0.24246	46	1.16	2%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0171	14.200	0.10000	13.725	0.39320	0.24246	46	1.21	2%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0208	14.250	0.30000	13.725	0.39320	0.24246	46	1.34	2%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0676	14.415	0.59000	13.725	0.39320	0.24246	46	1.76	3%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0354	14.595	0.19000	13.725	0.39320	0.24246	46	2.21	3%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0407	14.885	0.83000	13.725	0.39320	0.24246	46	2.95	4%	0
013.08	Fat, Roesse-Gottlieb Modified (%)	0618	11.515	0.39000			0.39000	1			0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	0263	7.8834	0.24000	12.734	0.68483	0.20369	13	-7.08	19%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	0613	11.110	0.00000	12.734	0.68483	0.20369	13	-2.37	6%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	0178	12.080	0.08000	12.734	0.68483	0.20369	13	-0.95	3%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	2003	12.159	0.08400	12.734	0.68483	0.20369	13	-0.84	2%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	0968	12.447	0.11400	12.734	0.68483	0.20369	13	-0.42	1%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	0554	12.625	0.61000	12.734	0.68483	0.20369	13	-0.16	0%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	0845	12.930	0.42000	12.734	0.68483	0.20369	13	0.29	1%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	2095	12.950	0.80000	12.734	0.68483	0.20369	13	0.32	1%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	0723	13.110	0.00000	12.734	0.68483	0.20369	13	0.55	1%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	0610	13.135	0.05000	12.734	0.68483	0.20369	13	0.59	2%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	0353	13.175	0.05000	12.734	0.68483	0.20369	13	0.64	2%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	0652	13.400	0.00000	12.734	0.68483	0.20369	13	0.97	3%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	2006	14.990	0.20000	12.734	0.68483	0.20369	13	3.29	9%	0
013.12	Fat, NIR- Acid Hydrolysis (%)	0613	11.070	0.02000			0.02000	1			0
013.13	Fat, Ankom- Acid Hydrolysis (%)	0581	10.105	0.23000	13.502	2.4518	0.29610	5	-1.39	13%	0
013.13	Fat, Ankom- Acid Hydrolysis (%)	0955	12.700	0.20000	13.502	2.4518	0.29610	5	-0.33	3%	0
013.13	Fat, Ankom- Acid Hydrolysis (%)	0015	13.545	0.39000	13.502	2.4518	0.29610	5	0.02	0%	0
013.13	Fat, Ankom- Acid Hydrolysis (%)	2108	14.310	0.36050	13.502	2.4518	0.29610	5	0.33	3%	0
013.13	Fat, Ankom- Acid Hydrolysis (%)	0265	16.850	0.30000	13.502	2.4518	0.29610	5	1.37	12%	0
015.41	Aluminum, ICP, Dry ash (mg / kg (ppm))	0049	123.11	33.000	176.78	23.591	8.7685	5	-1.36	13%	0
015.41	Aluminum, ICP, Dry ash (mg / kg (ppm))	0011	155.70	3.2725	176.78	23.591	8.7685	5	-0.33	3%	0
015.41	Aluminum, ICP, Dry ash (mg / kg (ppm))	0520	168.43	3.5700	176.78	23.591	8.7685	5	0.08	1%	0
015.41	Aluminum, ICP, Dry ash (mg / kg (ppm))	0171	172.50	1.0000	176.78	23.591	8.7685	5	0.20	2%	0
015.41	Aluminum, ICP, Dry ash (mg / kg (ppm))	0164	210.50	3.0000	176.78	23.591	8.7685	5	1.41	13%	0
015.42	Aluminum, ICP, Open vessel (mg / kg (ppm))	0560	185.30	5.6000			5.6000	1			0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0168	125.20	11.200	168.44	38.096	10.085	6	-1.13	13%	0

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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0353	135.50	11.000	168.44	38.096	10.085	6	-0.86	10%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0510	160.00	4.0000	168.44	38.096	10.085	6	-0.22	3%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0297	189.50	5.0000	168.44	38.096	10.085	6	0.55	6%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0918	191.43	13.310	168.44	38.096	10.085	6	0.60	7%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0169	209.00	16.000	168.44	38.096	10.085	6	1.06	12%	0
017.41	Boron, ICP, Dry ash (mg / kg (ppm))	0358	5.1250	0.39000			0.30500	2	-0.71	5%	0
017.41	Boron, ICP, Dry ash (mg / kg (ppm))	0049	6.2100	0.22000			0.30500	2	0.71	5%	0
017.42	Boron, ICP, Open vessel (mg / kg (ppm))	0045	5.0350	0.07000	5.0976	0.08167	0.23378	4	-0.55	6%	0
017.42	Boron, ICP, Open vessel (mg / kg (ppm))	0693	5.0679	0.28510	5.0976	0.08167	0.23378	4	-0.52	6%	0
017.42	Boron, ICP, Open vessel (mg / kg (ppm))	0560	5.1900	0.30000	5.0976	0.08167	0.23378	4	-0.43	5%	0
017.42	Boron, ICP, Open vessel (mg / kg (ppm))	0294	7.6400	0.28000	5.0976	0.08167	0.23378	4	1.50	17%	0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0168	3.4965	4.7610	6.4279	2.6821	1.7628	4	-1.09	23%	0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0510	6.0000	0.00000	6.4279	2.6821	1.7628	4	-0.16	3%	0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0918	6.2150	0.29000	6.4279	2.6821	1.7628	4	-0.08	2%	0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0353	10.000	2.0000	6.4279	2.6821	1.7628	4	1.33	28%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2068	1.3850	0.01000	1.4571	0.03909	0.01996	22	-1.85	2%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0620	1.4130	0.02600	1.4571	0.03909	0.01996	22	-1.13	2%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0194	1.4150	0.01000	1.4571	0.03909	0.01996	22	-1.08	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0934	1.4150	0.01000	1.4571	0.03909	0.01996	22	-1.08	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0881	1.4225	0.00300	1.4571	0.03909	0.01996	22	-0.89	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0043	1.4250	0.05000	1.4571	0.03909	0.01996	22	-0.82	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2091	1.4350	0.03000	1.4571	0.03909	0.01996	22	-0.57	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0622	1.4375	0.00010	1.4571	0.03909	0.01996	22	-0.50	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0896	1.4450	0.01000	1.4571	0.03909	0.01996	22	-0.31	0%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0651	1.4490	0.06800	1.4571	0.03909	0.01996	22	-0.21	0%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0900	1.4500	0.02000	1.4571	0.03909	0.01996	22	-0.18	0%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0903	1.4650	0.01000	1.4571	0.03909	0.01996	22	0.20	0%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2006	1.4665	0.04100	1.4571	0.03909	0.01996	22	0.24	0%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0552	1.4700	0.04000	1.4571	0.03909	0.01996	22	0.33	0%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0937	1.4750	0.01000	1.4571	0.03909	0.01996	22	0.46	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0897	1.4800	0.02000	1.4571	0.03909	0.01996	22	0.58	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0681	1.4850	0.03000	1.4571	0.03909	0.01996	22	0.71	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0722	1.4895	0.00020	1.4571	0.03909	0.01996	22	0.83	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0683	1.4950	0.01000	1.4571	0.03909	0.01996	22	0.97	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0893	1.4950	0.01000	1.4571	0.03909	0.01996	22	0.97	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0895	1.5150	0.01000	1.4571	0.03909	0.01996	22	1.48	2%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2062	1.5335	0.02090	1.4571	0.03909	0.01996	22	1.95	3%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0623	1.1061	0.65270	1.4571	0.03909	0.01996	22	-8.98	12%	1
019.00	Calcium, Ox-Mn04 Vol. (%)	0625	1.2450	0.51000	1.4571	0.03909	0.01996	22	-5.43	7%	1
019.00	Calcium, Ox-Mn04 Vol. (%)	2011	4.6050	0.01000	1.4571	0.03909	0.01996	22	80.53	108%	2
019.02	Calcium, Hach Method (%)	0536	1.0850	0.03000			0.03000	1			0
019.03	Calcium, Semiauto (Autoanalyzer) (%)	0036	1.5148	0.00490			0.00490	1			0

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019.08	Calcium, EDTA (%)	0852	1.2500	0.10000	1.4454	0.03214	0.04068	8	-6.08	7%	0
019.08	Calcium, EDTA (%)	2086	1.4000	0.00000	1.4454	0.03214	0.04068	8	-1.41	2%	0
019.08	Calcium, EDTA (%)	0885	1.4328	0.00510	1.4454	0.03214	0.04068	8	-0.39	0%	0
019.08	Calcium, EDTA (%)	2009	1.4466	0.00230	1.4454	0.03214	0.04068	8	0.04	0%	0
019.08	Calcium, EDTA (%)	0590	1.4500	0.06000	1.4454	0.03214	0.04068	8	0.14	0%	0
019.08	Calcium, EDTA (%)	0689	1.4600	0.08000	1.4454	0.03214	0.04068	8	0.46	1%	0
019.08	Calcium, EDTA (%)	0138	1.4690	0.05600	1.4454	0.03214	0.04068	8	0.74	1%	0
019.08	Calcium, EDTA (%)	0849	1.5110	0.02200	1.4454	0.03214	0.04068	8	2.04	2%	0
019.09	Calcium, Ion-selective electrode (%)	2006	1.4940	0.01000			0.01000	1			0
019.31	Calcium, AAS, Dry ash (%)	0175	1.2800	0.04000	1.4642	0.06929	0.03574	25	-2.66	6%	0
019.31	Calcium, AAS, Dry ash (%)	0152	1.2850	0.07000	1.4642	0.06929	0.03574	25	-2.59	6%	0
019.31	Calcium, AAS, Dry ash (%)	0921	1.3470	0.00000	1.4642	0.06929	0.03574	25	-1.69	4%	0
019.31	Calcium, AAS, Dry ash (%)	0001	1.3770	0.02400	1.4642	0.06929	0.03574	25	-1.26	3%	0
019.31	Calcium, AAS, Dry ash (%)	0142	1.3867	0.02020	1.4642	0.06929	0.03574	25	-1.12	3%	0
019.31	Calcium, AAS, Dry ash (%)	0563	1.4094	0.00430	1.4642	0.06929	0.03574	25	-0.79	2%	0
019.31	Calcium, AAS, Dry ash (%)	0178	1.4120	0.00600	1.4642	0.06929	0.03574	25	-0.75	2%	0
019.31	Calcium, AAS, Dry ash (%)	0354	1.4400	0.02000	1.4642	0.06929	0.03574	25	-0.35	1%	0
019.31	Calcium, AAS, Dry ash (%)	0505	1.4400	0.02000	1.4642	0.06929	0.03574	25	-0.35	1%	0
019.31	Calcium, AAS, Dry ash (%)	2022	1.4400	0.00000	1.4642	0.06929	0.03574	25	-0.35	1%	0
019.31	Calcium, AAS, Dry ash (%)	0674	1.4500	0.00000	1.4642	0.06929	0.03574	25	-0.21	0%	0
019.31	Calcium, AAS, Dry ash (%)	0038	1.4650	0.05000	1.4642	0.06929	0.03574	25	0.01	0%	0
019.31	Calcium, AAS, Dry ash (%)	0723	1.4674	0.00000	1.4642	0.06929	0.03574	25	0.05	0%	0
019.31	Calcium, AAS, Dry ash (%)	0868	1.4700	0.00000	1.4642	0.06929	0.03574	25	0.08	0%	0
019.31	Calcium, AAS, Dry ash (%)	0233	1.4900	0.02000	1.4642	0.06929	0.03574	25	0.37	1%	0
019.31	Calcium, AAS, Dry ash (%)	0687	1.4950	0.09000	1.4642	0.06929	0.03574	25	0.44	1%	0
019.31	Calcium, AAS, Dry ash (%)	0208	1.4965	0.04900	1.4642	0.06929	0.03574	25	0.47	1%	0
019.31	Calcium, AAS, Dry ash (%)	0650	1.5050	0.03000	1.4642	0.06929	0.03574	25	0.59	1%	0
019.31	Calcium, AAS, Dry ash (%)	0904	1.5050	0.09000	1.4642	0.06929	0.03574	25	0.59	1%	0
019.31	Calcium, AAS, Dry ash (%)	0014	1.5100	0.02000	1.4642	0.06929	0.03574	25	0.66	2%	0
019.31	Calcium, AAS, Dry ash (%)	0948	1.5150	0.03000	1.4642	0.06929	0.03574	25	0.73	2%	0
019.31	Calcium, AAS, Dry ash (%)	0884	1.5350	0.09000	1.4642	0.06929	0.03574	25	1.02	2%	0
019.31	Calcium, AAS, Dry ash (%)	0946	1.5550	0.09000	1.4642	0.06929	0.03574	25	1.31	3%	0
019.31	Calcium, AAS, Dry ash (%)	0108	1.6000	0.08000	1.4642	0.06929	0.03574	25	1.96	5%	0
019.31	Calcium, AAS, Dry ash (%)	0529	1.6250	0.05000	1.4642	0.06929	0.03574	25	2.32	5%	0
019.31	Calcium, AAS, Dry ash (%)	0536	2.8850	0.01000	1.4642	0.06929	0.03574	25	20.50	49%	2
019.32	Calcium, AAS, Open vessel (%)	0612	1.3700	0.02000	1.4459	0.08233	0.01306	5	-0.92	3%	0
019.32	Calcium, AAS, Open vessel (%)	0169	1.3850	0.01000	1.4459	0.08233	0.01306	5	-0.74	2%	0
019.32	Calcium, AAS, Open vessel (%)	0035	1.4280	0.02400	1.4459	0.08233	0.01306	5	-0.22	1%	0
019.32	Calcium, AAS, Open vessel (%)	0263	1.4716	0.00130	1.4459	0.08233	0.01306	5	0.31	1%	0
019.32	Calcium, AAS, Open vessel (%)	0609	1.5750	0.01000	1.4459	0.08233	0.01306	5	1.57	4%	0
019.32	Calcium, AAS, Open vessel (%)	0504	1.5435	0.18500	1.4459	0.08233	0.01306	5	1.19	3%	1
019.33	Calcium, AAS, Microwave (%)	0010	1.5500	0.06000			0.05400	2	-0.71	0%	0

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019.33	Calcium, AAS, Microwave (%)	0504	1.5780	0.04800			0.05400	2	0.71	0%	0
019.41	Calcium, ICP, Dry ash (%)	0018	1.3200	0.02000	1.4660	0.06973	0.03490	33	-2.09	5%	0
019.41	Calcium, ICP, Dry ash (%)	0511	1.3300	0.04000	1.4660	0.06973	0.03490	33	-1.95	5%	0
019.41	Calcium, ICP, Dry ash (%)	0144	1.3400	0.04000	1.4660	0.06973	0.03490	33	-1.81	4%	0
019.41	Calcium, ICP, Dry ash (%)	0553	1.3450	0.13000	1.4660	0.06973	0.03490	33	-1.73	4%	0
019.41	Calcium, ICP, Dry ash (%)	0407	1.3937	0.03250	1.4660	0.06973	0.03490	33	-1.04	2%	0
019.41	Calcium, ICP, Dry ash (%)	0520	1.3990	0.07800	1.4660	0.06973	0.03490	33	-0.96	2%	0
019.41	Calcium, ICP, Dry ash (%)	0089	1.4100	0.00000	1.4660	0.06973	0.03490	33	-0.80	2%	0
019.41	Calcium, ICP, Dry ash (%)	2012	1.4100	0.00000	1.4660	0.06973	0.03490	33	-0.80	2%	0
019.41	Calcium, ICP, Dry ash (%)	0011	1.4138	0.01050	1.4660	0.06973	0.03490	33	-0.75	2%	0
019.41	Calcium, ICP, Dry ash (%)	0164	1.4200	0.04000	1.4660	0.06973	0.03490	33	-0.66	2%	0
019.41	Calcium, ICP, Dry ash (%)	0051	1.4278	0.00060	1.4660	0.06973	0.03490	33	-0.55	1%	0
019.41	Calcium, ICP, Dry ash (%)	0208	1.4280	0.01000	1.4660	0.06973	0.03490	33	-0.54	1%	0
019.41	Calcium, ICP, Dry ash (%)	0123	1.4300	0.00000	1.4660	0.06973	0.03490	33	-0.52	1%	0
019.41	Calcium, ICP, Dry ash (%)	0171	1.4500	0.02000	1.4660	0.06973	0.03490	33	-0.23	1%	0
019.41	Calcium, ICP, Dry ash (%)	0682	1.4500	0.00000	1.4660	0.06973	0.03490	33	-0.23	1%	0
019.41	Calcium, ICP, Dry ash (%)	0358	1.4750	0.05000	1.4660	0.06973	0.03490	33	0.13	0%	0
019.41	Calcium, ICP, Dry ash (%)	0512	1.4760	0.03800	1.4660	0.06973	0.03490	33	0.14	0%	0
019.41	Calcium, ICP, Dry ash (%)	0074	1.4800	0.06000	1.4660	0.06973	0.03490	33	0.20	0%	0
019.41	Calcium, ICP, Dry ash (%)	0083	1.4850	0.03000	1.4660	0.06973	0.03490	33	0.27	1%	0
019.41	Calcium, ICP, Dry ash (%)	2089	1.4900	0.04000	1.4660	0.06973	0.03490	33	0.34	1%	0
019.41	Calcium, ICP, Dry ash (%)	0413	1.5000	0.00000	1.4660	0.06973	0.03490	33	0.49	1%	0
019.41	Calcium, ICP, Dry ash (%)	0148	1.5030	0.00200	1.4660	0.06973	0.03490	33	0.53	1%	0
019.41	Calcium, ICP, Dry ash (%)	0425	1.5050	0.01000	1.4660	0.06973	0.03490	33	0.56	1%	0
019.41	Calcium, ICP, Dry ash (%)	0229	1.5100	0.04000	1.4660	0.06973	0.03490	33	0.63	2%	0
019.41	Calcium, ICP, Dry ash (%)	0405	1.5150	0.03000	1.4660	0.06973	0.03490	33	0.70	2%	0
019.41	Calcium, ICP, Dry ash (%)	0004	1.5200	0.10000	1.4660	0.06973	0.03490	33	0.77	2%	0
019.41	Calcium, ICP, Dry ash (%)	0049	1.5200	0.08000	1.4660	0.06973	0.03490	33	0.77	2%	0
019.41	Calcium, ICP, Dry ash (%)	0848	1.5250	0.01000	1.4660	0.06973	0.03490	33	0.85	2%	0
019.41	Calcium, ICP, Dry ash (%)	0695	1.5340	0.08000	1.4660	0.06973	0.03490	33	0.98	2%	0
019.41	Calcium, ICP, Dry ash (%)	0598	1.5515	0.05100	1.4660	0.06973	0.03490	33	1.23	3%	0
019.41	Calcium, ICP, Dry ash (%)	0300	1.5545	0.01900	1.4660	0.06973	0.03490	33	1.27	3%	0
019.41	Calcium, ICP, Dry ash (%)	0019	1.5550	0.03000	1.4660	0.06973	0.03490	33	1.28	3%	0
019.41	Calcium, ICP, Dry ash (%)	0098	1.5800	0.06000	1.4660	0.06973	0.03490	33	1.64	4%	0
019.41	Calcium, ICP, Dry ash (%)	0720	1.5500	0.20000	1.4660	0.06973	0.03490	33	1.21	3%	1
019.42	Calcium, ICP, Open vessel (%)	0026	1.2950	0.03000	1.4785	0.07526	0.03264	22	-2.44	6%	0
019.42	Calcium, ICP, Open vessel (%)	0278	1.3500	0.00000	1.4785	0.07526	0.03264	22	-1.71	4%	0
019.42	Calcium, ICP, Open vessel (%)	0870	1.3960	0.00400	1.4785	0.07526	0.03264	22	-1.10	3%	0
019.42	Calcium, ICP, Open vessel (%)	0692	1.4150	0.07000	1.4785	0.07526	0.03264	22	-0.84	2%	0
019.42	Calcium, ICP, Open vessel (%)	0042	1.4250	0.05000	1.4785	0.07526	0.03264	22	-0.71	2%	0
019.42	Calcium, ICP, Open vessel (%)	0294	1.4250	0.01000	1.4785	0.07526	0.03264	22	-0.71	2%	0
019.42	Calcium, ICP, Open vessel (%)	0045	1.4400	0.02000	1.4785	0.07526	0.03264	22	-0.51	1%	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			
019.42	Calcium, ICP, Open vessel (%)	0366	1.4500	0.00000	1.4785	0.07526	0.03264	22	-0.38	1%	0
019.42	Calcium, ICP, Open vessel (%)	0035	1.4525	0.03100	1.4785	0.07526	0.03264	22	-0.35	1%	0
019.42	Calcium, ICP, Open vessel (%)	0205	1.4550	0.01000	1.4785	0.07526	0.03264	22	-0.31	1%	0
019.42	Calcium, ICP, Open vessel (%)	0504	1.4640	0.02000	1.4785	0.07526	0.03264	22	-0.19	0%	0
019.42	Calcium, ICP, Open vessel (%)	0693	1.4859	0.11410	1.4785	0.07526	0.03264	22	0.10	0%	0
019.42	Calcium, ICP, Open vessel (%)	0265	1.4950	0.13000	1.4785	0.07526	0.03264	22	0.22	1%	0
019.42	Calcium, ICP, Open vessel (%)	2053	1.5000	0.02000	1.4785	0.07526	0.03264	22	0.29	1%	0
019.42	Calcium, ICP, Open vessel (%)	0186	1.5050	0.07000	1.4785	0.07526	0.03264	22	0.35	1%	0
019.42	Calcium, ICP, Open vessel (%)	0357	1.5100	0.04000	1.4785	0.07526	0.03264	22	0.42	1%	0
019.42	Calcium, ICP, Open vessel (%)	0613	1.5200	0.00000	1.4785	0.07526	0.03264	22	0.55	1%	0
019.42	Calcium, ICP, Open vessel (%)	0560	1.5280	0.02800	1.4785	0.07526	0.03264	22	0.66	2%	0
019.42	Calcium, ICP, Open vessel (%)	0202	1.5900	0.00000	1.4785	0.07526	0.03264	22	1.48	4%	0
019.42	Calcium, ICP, Open vessel (%)	0037	1.6000	0.00000	1.4785	0.07526	0.03264	22	1.61	4%	0
019.42	Calcium, ICP, Open vessel (%)	0190	1.6250	0.07000	1.4785	0.07526	0.03264	22	1.95	5%	0
019.42	Calcium, ICP, Open vessel (%)	0726	1.6545	0.00100	1.4785	0.07526	0.03264	22	2.34	6%	0
019.42	Calcium, ICP, Open vessel (%)	0555	1.3500	0.50000	1.4785	0.07526	0.03264	22	-1.71	4%	1
019.43	Calcium, ICP, Microwave (%)	0043	1.3400	0.10000	1.4716	0.06812	0.03627	19	-1.93	4%	0
019.43	Calcium, ICP, Microwave (%)	0510	1.3700	0.00000	1.4716	0.06812	0.03627	19	-1.49	3%	0
019.43	Calcium, ICP, Microwave (%)	0028	1.3800	0.04000	1.4716	0.06812	0.03627	19	-1.35	3%	0
019.43	Calcium, ICP, Microwave (%)	0038	1.3850	0.03000	1.4716	0.06812	0.03627	19	-1.27	3%	0
019.43	Calcium, ICP, Microwave (%)	0036	1.4346	0.06400	1.4716	0.06812	0.03627	19	-0.54	1%	0
019.43	Calcium, ICP, Microwave (%)	0675	1.4350	0.03000	1.4716	0.06812	0.03627	19	-0.54	1%	0
019.43	Calcium, ICP, Microwave (%)	0033	1.4600	0.04000	1.4716	0.06812	0.03627	19	-0.17	0%	0
019.43	Calcium, ICP, Microwave (%)	0297	1.4650	0.03000	1.4716	0.06812	0.03627	19	-0.10	0%	0
019.43	Calcium, ICP, Microwave (%)	0629	1.4700	0.00000	1.4716	0.06812	0.03627	19	-0.02	0%	0
019.43	Calcium, ICP, Microwave (%)	0861	1.4750	0.01000	1.4716	0.06812	0.03627	19	0.05	0%	0
019.43	Calcium, ICP, Microwave (%)	0168	1.4845	0.14700	1.4716	0.06812	0.03627	19	0.19	0%	0
019.43	Calcium, ICP, Microwave (%)	0034	1.4935	0.00700	1.4716	0.06812	0.03627	19	0.32	1%	0
019.43	Calcium, ICP, Microwave (%)	0968	1.5050	0.00000	1.4716	0.06812	0.03627	19	0.49	1%	0
019.43	Calcium, ICP, Microwave (%)	0964	1.5189	0.01120	1.4716	0.06812	0.03627	19	0.69	2%	0
019.43	Calcium, ICP, Microwave (%)	0353	1.5250	0.03000	1.4716	0.06812	0.03627	19	0.78	2%	0
019.43	Calcium, ICP, Microwave (%)	0918	1.5300	0.00000	1.4716	0.06812	0.03627	19	0.86	2%	0
019.43	Calcium, ICP, Microwave (%)	2102	1.5350	0.03000	1.4716	0.06812	0.03627	19	0.93	2%	0
019.43	Calcium, ICP, Microwave (%)	0098	1.5450	0.07000	1.4716	0.06812	0.03627	19	1.08	2%	0
019.43	Calcium, ICP, Microwave (%)	2094	1.5650	0.05000	1.4716	0.06812	0.03627	19	1.37	3%	0
019.43	Calcium, ICP, Microwave (%)	0017	1.9000	0.60000	1.4716	0.06812	0.03627	19	6.29	15%	1
019.44	Calcium, ICP, Dry ash (%)	2023	1.4000	0.00000	1.4339	0.02884	0.03778	4	-1.18	1%	0
019.44	Calcium, ICP, Dry ash (%)	2004	1.4200	0.06000	1.4339	0.02884	0.03778	4	-0.48	0%	0
019.44	Calcium, ICP, Dry ash (%)	0065	1.4565	0.04300	1.4339	0.02884	0.03778	4	0.78	1%	0
019.44	Calcium, ICP, Dry ash (%)	2108	1.4593	0.04810	1.4339	0.02884	0.03778	4	0.88	1%	0
019.51	Calcium, ICP-MS, Dry ash (%)	0039	1.6595	0.32830			0.32830	1			0
019.52	Calcium, ICP-MS, Open vessel (%)	0047	1.2450	0.03000			0.03000	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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019.53	Calcium, ICP-MS, Microwave (%)	0199	1.5250	0.07000	1.6125	0.12374	0.28333	3	-0.59	36%	0
019.53	Calcium, ICP-MS, Microwave (%)	0572	1.7000	0.08000	1.6125	0.12374	0.28333	3	-0.56	34%	0
019.53	Calcium, ICP-MS, Microwave (%)	2055	12.750	0.70000	1.6125	0.12374	0.28333	3	1.15	70%	0
019.99	Calcium, Miscellaneous (%)	0852	1.0000	0.00000	1.2700	0.32729	0.04500	4	-0.82	11%	0
019.99	Calcium, Miscellaneous (%)	2105	1.0500	0.10000	1.2700	0.32729	0.04500	4	-0.67	9%	0
019.99	Calcium, Miscellaneous (%)	0676	1.3150	0.03000	1.2700	0.32729	0.04500	4	0.14	2%	0
019.99	Calcium, Miscellaneous (%)	0100	1.7150	0.05000	1.2700	0.32729	0.04500	4	1.36	18%	0
021.31	Cobalt, AAS, Dry ash (mg / kg (ppm))	2022	1.3000	0.00000			0.00000	1			0
021.41	Cobalt, ICP, Dry ash (mg / kg (ppm))	0171	0.20000	0.00000			0.01225	2	-0.71	3%	0
021.41	Cobalt, ICP, Dry ash (mg / kg (ppm))	0011	0.22525	0.02450			0.01225	2	0.71	3%	0
021.42	Cobalt, ICP, Open vessel (mg / kg (ppm))	0693	0.08465	0.07290			0.07290	1			0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0043	0.15500	0.01000	0.21454	0.04750	0.01970	5	-1.33	17%	0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0038	0.20000	0.00000	0.21454	0.04750	0.01970	5	-0.57	7%	0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0510	0.24000	0.02000	0.21454	0.04750	0.01970	5	0.11	1%	0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0964	0.26315	0.00850	0.21454	0.04750	0.01970	5	0.50	6%	0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0169	0.31000	0.06000	0.21454	0.04750	0.01970	5	1.29	16%	0
021.52	Cobalt, ICP-MS, Open vessel (mg / kg (ppm))	0555	0.36000	0.16000			0.16000	1			0
021.53	Cobalt, ICP-MS, Microwave (mg / kg (ppm))	0918	0.20955	0.01290	0.25300	0.05012	0.01445	6	-0.87	9%	0
021.53	Cobalt, ICP-MS, Microwave (mg / kg (ppm))	0098	0.21400	0.01000	0.25300	0.05012	0.01445	6	-0.78	8%	0
021.53	Cobalt, ICP-MS, Microwave (mg / kg (ppm))	2102	0.22660	0.01880	0.25300	0.05012	0.01445	6	-0.53	5%	0
021.53	Cobalt, ICP-MS, Microwave (mg / kg (ppm))	2055	0.25550	0.02500	0.25300	0.05012	0.01445	6	0.05	0%	0
021.53	Cobalt, ICP-MS, Microwave (mg / kg (ppm))	0199	0.34000	0.02000	0.25300	0.05012	0.01445	6	1.74	17%	0
021.53	Cobalt, ICP-MS, Microwave (mg / kg (ppm))	0553	1.9000	0.00000	0.25300	0.05012	0.01445	6	32.86	325%	0
021.53	Cobalt, ICP-MS, Microwave (mg / kg (ppm))	0168	0.00000	0.00000	0.25300	0.05012	0.01445	6	-5.05	50%	4
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0590	11.000	2.0000	13.823	1.7330	0.84792	12	-1.63	10%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0629	11.200	0.40000	13.823	1.7330	0.84792	12	-1.51	9%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0354	12.265	0.21000	13.823	1.7330	0.84792	12	-0.90	6%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	2022	13.000	0.00000	13.823	1.7330	0.84792	12	-0.48	3%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0723	13.757	0.00000	13.823	1.7330	0.84792	12	-0.04	0%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0505	13.850	0.70000	13.823	1.7330	0.84792	12	0.02	0%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0904	13.990	0.52000	13.823	1.7330	0.84792	12	0.10	1%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0868	14.250	0.30000	13.823	1.7330	0.84792	12	0.25	2%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0208	14.700	3.2000	13.823	1.7330	0.84792	12	0.51	3%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	2062	15.158	0.74500	13.823	1.7330	0.84792	12	0.77	5%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0563	15.550	0.10000	13.823	1.7330	0.84792	12	1.00	6%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0175	23.000	2.0000	13.823	1.7330	0.84792	12	5.30	33%	0
022.32	Copper, AAS, Open vessel (mg / kg (ppm))	0035	10.707	2.1660	15.051	4.6760	0.86533	3	-0.93	14%	0
022.32	Copper, AAS, Open vessel (mg / kg (ppm))	0504	14.445	0.43000	15.051	4.6760	0.86533	3	-0.13	2%	0
022.32	Copper, AAS, Open vessel (mg / kg (ppm))	0609	20.000	0.00000	15.051	4.6760	0.86533	3	1.06	16%	0
022.33	Copper, AAS, Microwave (mg / kg (ppm))	0504	10.562	2.8760			1.5630	2	-0.71	3%	0
022.33	Copper, AAS, Microwave (mg / kg (ppm))	0948	12.105	0.25000			1.5630	2	0.71	3%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0511	10.500	1.0000	12.656	1.3530	0.73553	23	-1.59	9%	0

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022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0049	10.940	2.0400	12.656	1.3530	0.73553	23	-1.27	7%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0171	10.950	0.30000	12.656	1.3530	0.73553	23	-1.26	7%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0004	11.500	1.0000	12.656	1.3530	0.73553	23	-0.85	5%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0520	11.710	1.6800	12.656	1.3530	0.73553	23	-0.70	4%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0720	11.712	2.8620	12.656	1.3530	0.73553	23	-0.70	4%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0229	11.750	1.7000	12.656	1.3530	0.73553	23	-0.67	4%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0074	12.000	0.00000	12.656	1.3530	0.73553	23	-0.48	3%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0598	12.040	0.66000	12.656	1.3530	0.73553	23	-0.45	2%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0164	12.100	0.00000	12.656	1.3530	0.73553	23	-0.41	2%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0208	12.165	0.65000	12.656	1.3530	0.73553	23	-0.36	2%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0098	12.235	0.97000	12.656	1.3530	0.73553	23	-0.31	2%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0358	13.080	0.62000	12.656	1.3530	0.73553	23	0.31	2%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	2089	13.180	0.02000	12.656	1.3530	0.73553	23	0.39	2%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0051	13.285	0.41000	12.656	1.3530	0.73553	23	0.47	2%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0083	13.500	1.0000	12.656	1.3530	0.73553	23	0.62	3%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0405	13.500	1.0000	12.656	1.3530	0.73553	23	0.62	3%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0407	13.758	0.11030	12.656	1.3530	0.73553	23	0.81	4%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0011	13.893	0.44500	12.656	1.3530	0.73553	23	0.91	5%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0425	14.000	0.00000	12.656	1.3530	0.73553	23	0.99	5%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0682	14.200	0.00000	12.656	1.3530	0.73553	23	1.14	6%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0148	14.385	0.45000	12.656	1.3530	0.73553	23	1.28	7%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	2012	14.860	0.00000	12.656	1.3530	0.73553	23	1.63	9%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0695	11.240	4.1410	12.656	1.3530	0.73553	23	-1.05	6%	1
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0026	0.00045	0.00010	14.110	1.8752	0.74654	19	-7.52	50%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0186	9.5000	1.0000	14.110	1.8752	0.74654	19	-2.46	16%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0613	11.450	3.0000	14.110	1.8752	0.74654	19	-1.42	9%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0278	12.250	0.30000	14.110	1.8752	0.74654	19	-0.99	7%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0692	12.350	0.30000	14.110	1.8752	0.74654	19	-0.94	6%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0555	13.150	1.7000	14.110	1.8752	0.74654	19	-0.51	3%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0045	13.850	0.30000	14.110	1.8752	0.74654	19	-0.14	1%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0693	14.264	0.05420	14.110	1.8752	0.74654	19	0.08	1%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0357	14.500	1.0000	14.110	1.8752	0.74654	19	0.21	1%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0366	14.500	1.0000	14.110	1.8752	0.74654	19	0.21	1%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0413	14.550	0.50000	14.110	1.8752	0.74654	19	0.23	2%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0294	14.650	0.10000	14.110	1.8752	0.74654	19	0.29	2%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0190	14.710	0.04000	14.110	1.8752	0.74654	19	0.32	2%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0035	14.900	0.28000	14.110	1.8752	0.74654	19	0.42	3%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0726	15.030	0.56000	14.110	1.8752	0.74654	19	0.49	3%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0042	15.900	0.60000	14.110	1.8752	0.74654	19	0.95	6%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0202	16.025	0.01000	14.110	1.8752	0.74654	19	1.02	7%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0560	16.050	2.9000	14.110	1.8752	0.74654	19	1.03	7%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0870	24.410	0.54000	14.110	1.8752	0.74654	19	5.49	36%	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			
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0265	19.000	14.000	14.110	1.8752	0.74654	19	2.61	17%	1
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0353	7.5000	1.0000	13.309	1.0024	0.60550	14	-5.80	22%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0629	12.000	0.00000	13.309	1.0024	0.60550	14	-1.31	5%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0169	12.150	0.10000	13.309	1.0024	0.60550	14	-1.16	4%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0038	12.500	1.0000	13.309	1.0024	0.60550	14	-0.81	3%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0510	12.500	1.0000	13.309	1.0024	0.60550	14	-0.81	3%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0675	13.285	0.47000	13.309	1.0024	0.60550	14	-0.02	0%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0968	13.500	1.0000	13.309	1.0024	0.60550	14	0.19	1%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0168	13.565	1.4100	13.309	1.0024	0.60550	14	0.25	1%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0861	13.600	0.20000	13.309	1.0024	0.60550	14	0.29	1%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0098	13.840	0.92000	13.309	1.0024	0.60550	14	0.53	2%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0297	14.000	0.00000	13.309	1.0024	0.60550	14	0.69	3%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0964	14.067	0.64700	13.309	1.0024	0.60550	14	0.76	3%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0918	14.265	0.53000	13.309	1.0024	0.60550	14	0.95	4%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0043	26.200	0.20000	13.309	1.0024	0.60550	14	12.86	48%	0
022.44	Copper, ICP, Dry ash (mg / kg (ppm))	2004	14.650	0.50000			0.50000	1			0
022.51	Copper, ICP-MS, Dry ash (mg / kg (ppm))	0039	14.523	0.73130			0.73130	1			0
022.52	Copper, ICP-MS, Open vessel (mg / kg (ppm))	0555	14.000	0.00000			0.00000	1			0
022.53	Copper, ICP-MS, Microwave (mg / kg (ppm))	2023	12.750	0.10000	13.482	0.72781	0.55350	5	-1.01	3%	0
022.53	Copper, ICP-MS, Microwave (mg / kg (ppm))	0199	12.780	0.02000	13.482	0.72781	0.55350	5	-0.96	3%	0
022.53	Copper, ICP-MS, Microwave (mg / kg (ppm))	2055	13.500	1.0000	13.482	0.72781	0.55350	5	0.02	0%	0
022.53	Copper, ICP-MS, Microwave (mg / kg (ppm))	2102	13.979	1.4475	13.482	0.72781	0.55350	5	0.68	2%	0
022.53	Copper, ICP-MS, Microwave (mg / kg (ppm))	0572	14.400	0.20000	13.482	0.72781	0.55350	5	1.26	3%	0
022.99	Copper, Miscellaneous (mg / kg (ppm))	0100	14.000	2.0000			2.0000	1			0
024.53	Iodine, ICP-MS, Microwave (mg / kg (ppm))	2102	1.6389	0.01610			0.01610	1			0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0946	158.20	0.60000	285.25	19.701	6.3998	18	-6.45	22%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0921	159.44	0.00000	285.25	19.701	6.3998	18	-6.39	22%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0505	265.00	10.000	285.25	19.701	6.3998	18	-1.03	4%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0629	265.00	6.0000	285.25	19.701	6.3998	18	-1.03	4%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0563	272.50	7.0000	285.25	19.701	6.3998	18	-0.65	2%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0175	276.00	8.0000	285.25	19.701	6.3998	18	-0.47	2%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0689	278.50	17.000	285.25	19.701	6.3998	18	-0.34	1%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0208	284.50	13.000	285.25	19.701	6.3998	18	-0.04	0%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0529	284.50	5.0000	285.25	19.701	6.3998	18	-0.04	0%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0354	285.31	2.8100	285.25	19.701	6.3998	18	0.00	0%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0038	288.50	3.0000	285.25	19.701	6.3998	18	0.16	1%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0001	293.65	24.100	285.25	19.701	6.3998	18	0.43	1%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	2062	295.89	0.58600	285.25	19.701	6.3998	18	0.54	2%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	2022	296.50	3.0000	285.25	19.701	6.3998	18	0.57	2%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0014	297.50	5.0000	285.25	19.701	6.3998	18	0.62	2%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0178	314.45	2.1000	285.25	19.701	6.3998	18	1.48	5%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0723	332.86	0.00000	285.25	19.701	6.3998	18	2.42	8%	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			
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0868	336.00	8.0000	285.25	19.701	6.3998	18	2.58	9%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0904	278.26	36.080	285.25	19.701	6.3998	18	-0.35	1%	1
025.32	Iron, AAS, Open vessel (mg / kg (ppm))	0609	240.00	2.0000	276.60	25.600	5.3000	4	-1.43	7%	0
025.32	Iron, AAS, Open vessel (mg / kg (ppm))	0504	277.85	3.9000	276.60	25.600	5.3000	4	0.05	0%	0
025.32	Iron, AAS, Open vessel (mg / kg (ppm))	0035	294.05	2.3000	276.60	25.600	5.3000	4	0.68	3%	0
025.32	Iron, AAS, Open vessel (mg / kg (ppm))	0612	294.50	13.000	276.60	25.600	5.3000	4	0.70	3%	0
025.33	Iron, AAS, Microwave (mg / kg (ppm))	0948	301.08	8.9900			9.9450	2	-0.71	1%	0
025.33	Iron, AAS, Microwave (mg / kg (ppm))	0504	318.75	10.900			9.9450	2	0.71	1%	0
025.34	Iron, AAS, Dry ash (mg / kg (ppm))	2108	222.44	14.650			14.650	1			0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0848	219.65	0.52000	277.22	13.888	8.1484	29	-4.15	10%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0511	255.00	22.000	277.22	13.888	8.1484	29	-1.60	4%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	2012	259.66	1.1100	277.22	13.888	8.1484	29	-1.26	3%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0425	261.10	1.0000	277.22	13.888	8.1484	29	-1.16	3%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0598	262.10	4.0000	277.22	13.888	8.1484	29	-1.09	3%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0720	263.50	1.4000	277.22	13.888	8.1484	29	-0.99	2%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0520	265.65	19.280	277.22	13.888	8.1484	29	-0.83	2%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0171	266.50	3.0000	277.22	13.888	8.1484	29	-0.77	2%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0083	268.50	9.0000	277.22	13.888	8.1484	29	-0.63	2%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0553	269.50	15.000	277.22	13.888	8.1484	29	-0.56	1%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0011	271.52	6.0900	277.22	13.888	8.1484	29	-0.41	1%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0098	273.40	17.000	277.22	13.888	8.1484	29	-0.27	1%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0051	277.50	11.000	277.22	13.888	8.1484	29	0.02	0%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	2089	278.17	14.790	277.22	13.888	8.1484	29	0.07	0%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0407	279.37	8.4360	277.22	13.888	8.1484	29	0.16	0%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0019	280.50	13.000	277.22	13.888	8.1484	29	0.24	1%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0164	282.00	6.0000	277.22	13.888	8.1484	29	0.34	1%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0358	282.06	16.130	277.22	13.888	8.1484	29	0.35	1%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0148	283.25	4.5000	277.22	13.888	8.1484	29	0.43	1%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0208	283.45	0.50000	277.22	13.888	8.1484	29	0.45	1%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0682	284.39	0.00000	277.22	13.888	8.1484	29	0.52	1%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0229	286.00	4.0000	277.22	13.888	8.1484	29	0.63	2%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0405	286.00	2.0000	277.22	13.888	8.1484	29	0.63	2%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0049	287.52	12.010	277.22	13.888	8.1484	29	0.74	2%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0004	291.50	9.0000	277.22	13.888	8.1484	29	1.03	3%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0074	292.00	2.0000	277.22	13.888	8.1484	29	1.06	3%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0512	293.30	5.8000	277.22	13.888	8.1484	29	1.16	3%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	2004	299.00	16.000	277.22	13.888	8.1484	29	1.57	4%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0695	331.02	11.737	277.22	13.888	8.1484	29	3.87	10%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0726	215.05	1.9000	261.03	31.769	13.109	18	-1.45	9%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0555	225.00	30.000	261.03	31.769	13.109	18	-1.13	7%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0692	228.50	35.000	261.03	31.769	13.109	18	-1.02	6%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0186	232.00	10.000	261.03	31.769	13.109	18	-0.91	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	
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0278	234.50	5.0000	261.03	31.769	13.109	18	-0.84	5%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0613	250.10	33.600	261.03	31.769	13.109	18	-0.34	2%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0560	251.30	28.600	261.03	31.769	13.109	18	-0.31	2%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0870	252.75	18.900	261.03	31.769	13.109	18	-0.26	2%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0294	253.49	5.4200	261.03	31.769	13.109	18	-0.24	1%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0037	258.65	0.30000	261.03	31.769	13.109	18	-0.08	0%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0190	261.29	0.57000	261.03	31.769	13.109	18	0.01	0%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0693	280.28	5.8802	261.03	31.769	13.109	18	0.61	4%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0265	280.50	9.0000	261.03	31.769	13.109	18	0.61	4%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0042	283.50	21.000	261.03	31.769	13.109	18	0.71	4%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0413	285.50	9.0000	261.03	31.769	13.109	18	0.77	5%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0045	296.50	9.0000	261.03	31.769	13.109	18	1.12	7%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0366	301.00	10.000	261.03	31.769	13.109	18	1.26	8%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0035	326.40	2.8000	261.03	31.769	13.109	18	2.06	13%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	2023	217.50	1.0000	277.73	23.461	11.473	18	-2.57	11%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0043	227.50	21.000	277.73	23.461	11.473	18	-2.14	9%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0918	242.44	10.330	277.73	23.461	11.473	18	-1.50	6%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0510	261.00	2.0000	277.73	23.461	11.473	18	-0.71	3%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0629	262.50	3.0000	277.73	23.461	11.473	18	-0.65	3%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0017	266.00	44.000	277.73	23.461	11.473	18	-0.50	2%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0098	266.95	6.3000	277.73	23.461	11.473	18	-0.46	2%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0168	267.45	13.900	277.73	23.461	11.473	18	-0.44	2%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0968	274.00	6.0000	277.73	23.461	11.473	18	-0.16	1%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0353	282.50	9.0000	277.73	23.461	11.473	18	0.20	1%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0297	288.00	6.0000	277.73	23.461	11.473	18	0.44	2%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0038	288.50	1.0000	277.73	23.461	11.473	18	0.46	2%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0675	289.25	2.6600	277.73	23.461	11.473	18	0.49	2%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0033	290.00	4.0000	277.73	23.461	11.473	18	0.52	2%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0028	293.50	21.000	277.73	23.461	11.473	18	0.67	3%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0964	311.89	5.3200	277.73	23.461	11.473	18	1.46	6%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0169	314.50	21.000	277.73	23.461	11.473	18	1.57	7%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0861	316.50	29.000	277.73	23.461	11.473	18	1.65	7%	0
025.51	Iron, ICP-MS, Dry ash (mg / kg (ppm))	0039	316.49	2.3741			2.3741	1			0
025.52	Iron, ICP-MS, Open vessel (mg / kg (ppm))	0047	204.85	7.5000			18.750	2	-0.71	3%	0
025.52	Iron, ICP-MS, Open vessel (mg / kg (ppm))	0555	235.00	30.000			18.750	2	0.71	3%	0
025.53	Iron, ICP-MS, Microwave (mg / kg (ppm))	0199	212.48	47.280			30.443	2	-0.71	10%	0
025.53	Iron, ICP-MS, Microwave (mg / kg (ppm))	2102	322.01	13.606			30.443	2	0.71	10%	0
025.99	Iron, Miscellaneous (mg / kg (ppm))	0100	277.00	28.000			28.000	1			0
027.31	Magnesium, AAS, Dry ash (%)	0650	0.11505	0.00450	0.12600	0.00811	0.00151	14	-1.35	4%	0
027.31	Magnesium, AAS, Dry ash (%)	0142	0.11825	0.00430	0.12600	0.00811	0.00151	14	-0.95	3%	0
027.31	Magnesium, AAS, Dry ash (%)	0175	0.12000	0.00000	0.12600	0.00811	0.00151	14	-0.74	2%	0
027.31	Magnesium, AAS, Dry ash (%)	0629	0.12000	0.00000	0.12600	0.00811	0.00151	14	-0.74	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	
027.31	Magnesium, AAS, Dry ash (%)	0868	0.12000	0.00000	0.12600	0.00811	0.00151	14	-0.74	2%	0
027.31	Magnesium, AAS, Dry ash (%)	0563	0.12305	0.00070	0.12600	0.00811	0.00151	14	-0.36	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0038	0.12500	0.00600	0.12600	0.00811	0.00151	14	-0.12	0%	0
027.31	Magnesium, AAS, Dry ash (%)	2022	0.12600	0.00000	0.12600	0.00811	0.00151	14	0.00	0%	0
027.31	Magnesium, AAS, Dry ash (%)	0590	0.12650	0.00100	0.12600	0.00811	0.00151	14	0.06	0%	0
027.31	Magnesium, AAS, Dry ash (%)	0904	0.13000	0.00000	0.12600	0.00811	0.00151	14	0.49	2%	0
027.31	Magnesium, AAS, Dry ash (%)	0505	0.13135	0.00270	0.12600	0.00811	0.00151	14	0.66	2%	0
027.31	Magnesium, AAS, Dry ash (%)	0178	0.13400	0.00200	0.12600	0.00811	0.00151	14	0.99	3%	0
027.31	Magnesium, AAS, Dry ash (%)	0208	0.13700	0.00000	0.12600	0.00811	0.00151	14	1.36	4%	0
027.31	Magnesium, AAS, Dry ash (%)	0354	0.14000	0.00000	0.12600	0.00811	0.00151	14	1.73	6%	0
027.31	Magnesium, AAS, Dry ash (%)	0536	344.00	10.800	0.12600	0.00811	0.00151	14	42390.40	136463%	2
027.32	Magnesium, AAS, Open vessel (%)	0169	0.12800	0.00000	0.13345	0.00529	0.00182	5	-1.03	2%	0
027.32	Magnesium, AAS, Open vessel (%)	0263	0.12845	0.00070	0.13345	0.00529	0.00182	5	-0.94	2%	0
027.32	Magnesium, AAS, Open vessel (%)	0504	0.13355	0.00470	0.13345	0.00529	0.00182	5	0.02	0%	0
027.32	Magnesium, AAS, Open vessel (%)	0035	0.13725	0.00370	0.13345	0.00529	0.00182	5	0.72	1%	0
027.32	Magnesium, AAS, Open vessel (%)	0609	0.14000	0.00000	0.13345	0.00529	0.00182	5	1.24	2%	0
027.33	Magnesium, AAS, Microwave (%)	0948	0.11000	0.00000			0.00145	2	-0.71	3%	0
027.33	Magnesium, AAS, Microwave (%)	0504	0.12485	0.00290			0.00145	2	0.71	3%	0
027.41	Magnesium, ICP, Dry ash (%)	0511	0.12000	0.00000	0.13120	0.00546	0.00283	26	-2.05	4%	0
027.41	Magnesium, ICP, Dry ash (%)	0695	0.12400	0.00600	0.13120	0.00546	0.00283	26	-1.32	3%	0
027.41	Magnesium, ICP, Dry ash (%)	0229	0.12500	0.01000	0.13120	0.00546	0.00283	26	-1.14	2%	0
027.41	Magnesium, ICP, Dry ash (%)	2012	0.12500	0.01000	0.13120	0.00546	0.00283	26	-1.14	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0148	0.12600	0.00200	0.13120	0.00546	0.00283	26	-0.95	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0171	0.12650	0.00100	0.13120	0.00546	0.00283	26	-0.86	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0051	0.12790	0.00120	0.13120	0.00546	0.00283	26	-0.61	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0164	0.12800	0.00000	0.13120	0.00546	0.00283	26	-0.59	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0004	0.13000	0.00000	0.13120	0.00546	0.00283	26	-0.22	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0049	0.13000	0.00000	0.13120	0.00546	0.00283	26	-0.22	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0074	0.13000	0.00000	0.13120	0.00546	0.00283	26	-0.22	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0413	0.13000	0.00000	0.13120	0.00546	0.00283	26	-0.22	0%	0
027.41	Magnesium, ICP, Dry ash (%)	2089	0.13000	0.00000	0.13120	0.00546	0.00283	26	-0.22	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0520	0.13050	0.00100	0.13120	0.00546	0.00283	26	-0.13	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0208	0.13150	0.00500	0.13120	0.00546	0.00283	26	0.05	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0512	0.13150	0.00300	0.13120	0.00546	0.00283	26	0.05	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0598	0.13240	0.00200	0.13120	0.00546	0.00283	26	0.22	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0407	0.13330	0.00140	0.13120	0.00546	0.00283	26	0.38	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0011	0.13350	0.00100	0.13120	0.00546	0.00283	26	0.42	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0098	0.13500	0.01000	0.13120	0.00546	0.00283	26	0.69	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0083	0.14000	0.00000	0.13120	0.00546	0.00283	26	1.61	3%	0
027.41	Magnesium, ICP, Dry ash (%)	0358	0.14000	0.00000	0.13120	0.00546	0.00283	26	1.61	3%	0
027.41	Magnesium, ICP, Dry ash (%)	0425	0.14000	0.00000	0.13120	0.00546	0.00283	26	1.61	3%	0
027.41	Magnesium, ICP, Dry ash (%)	0682	0.14000	0.00000	0.13120	0.00546	0.00283	26	1.61	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	
027.41	Magnesium, ICP, Dry ash (%)	0405	0.14500	0.01000	0.13120	0.00546	0.00283	26	2.53	5%	0
027.41	Magnesium, ICP, Dry ash (%)	0720	0.14500	0.01000	0.13120	0.00546	0.00283	26	2.53	5%	0
027.42	Magnesium, ICP, Open vessel (%)	0045	0.12350	0.00100	0.13528	0.00767	0.00439	19	-1.54	4%	0
027.42	Magnesium, ICP, Open vessel (%)	0870	0.12520	0.00280	0.13528	0.00767	0.00439	19	-1.32	4%	0
027.42	Magnesium, ICP, Open vessel (%)	0278	0.13000	0.00000	0.13528	0.00767	0.00439	19	-0.69	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0294	0.13000	0.00000	0.13528	0.00767	0.00439	19	-0.69	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0357	0.13000	0.00000	0.13528	0.00767	0.00439	19	-0.69	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0613	0.13000	0.00000	0.13528	0.00767	0.00439	19	-0.69	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0035	0.13060	0.00260	0.13528	0.00767	0.00439	19	-0.61	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0560	0.13130	0.00660	0.13528	0.00767	0.00439	19	-0.52	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0190	0.13500	0.01000	0.13528	0.00767	0.00439	19	-0.04	0%	0
027.42	Magnesium, ICP, Open vessel (%)	0366	0.13500	0.01000	0.13528	0.00767	0.00439	19	-0.04	0%	0
027.42	Magnesium, ICP, Open vessel (%)	0042	0.13550	0.00100	0.13528	0.00767	0.00439	19	0.03	0%	0
027.42	Magnesium, ICP, Open vessel (%)	0692	0.13550	0.00100	0.13528	0.00767	0.00439	19	0.03	0%	0
027.42	Magnesium, ICP, Open vessel (%)	0037	0.14000	0.00000	0.13528	0.00767	0.00439	19	0.62	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0202	0.14000	0.00000	0.13528	0.00767	0.00439	19	0.62	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0265	0.14000	0.02000	0.13528	0.00767	0.00439	19	0.62	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0555	0.14000	0.02000	0.13528	0.00767	0.00439	19	0.62	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0726	0.14610	0.00020	0.13528	0.00767	0.00439	19	1.41	4%	0
027.42	Magnesium, ICP, Open vessel (%)	0693	0.14925	0.00530	0.13528	0.00767	0.00439	19	1.82	5%	0
027.42	Magnesium, ICP, Open vessel (%)	0186	0.16450	0.00300	0.13528	0.00767	0.00439	19	3.81	11%	0
027.43	Magnesium, ICP, Microwave (%)	0038	0.11050	0.00500	0.12759	0.01023	0.00552	14	-1.67	7%	0
027.43	Magnesium, ICP, Microwave (%)	0043	0.11500	0.01000	0.12759	0.01023	0.00552	14	-1.23	5%	0
027.43	Magnesium, ICP, Microwave (%)	0510	0.11500	0.01000	0.12759	0.01023	0.00552	14	-1.23	5%	0
027.43	Magnesium, ICP, Microwave (%)	0629	0.12000	0.00000	0.12759	0.01023	0.00552	14	-0.74	3%	0
027.43	Magnesium, ICP, Microwave (%)	0353	0.12500	0.01000	0.12759	0.01023	0.00552	14	-0.25	1%	0
027.43	Magnesium, ICP, Microwave (%)	0168	0.12705	0.00870	0.12759	0.01023	0.00552	14	-0.05	0%	0
027.43	Magnesium, ICP, Microwave (%)	0918	0.12800	0.00200	0.12759	0.01023	0.00552	14	0.04	0%	0
027.43	Magnesium, ICP, Microwave (%)	0861	0.12850	0.00500	0.12759	0.01023	0.00552	14	0.09	0%	0
027.43	Magnesium, ICP, Microwave (%)	0098	0.13000	0.00000	0.12759	0.01023	0.00552	14	0.24	1%	0
027.43	Magnesium, ICP, Microwave (%)	0297	0.13000	0.00000	0.12759	0.01023	0.00552	14	0.24	1%	0
027.43	Magnesium, ICP, Microwave (%)	0964	0.13195	0.00550	0.12759	0.01023	0.00552	14	0.43	2%	0
027.43	Magnesium, ICP, Microwave (%)	2102	0.13925	0.00910	0.12759	0.01023	0.00552	14	1.14	5%	0
027.43	Magnesium, ICP, Microwave (%)	0968	0.14000	0.00200	0.12759	0.01023	0.00552	14	1.21	5%	0
027.43	Magnesium, ICP, Microwave (%)	0675	0.14500	0.01000	0.12759	0.01023	0.00552	14	1.70	7%	0
027.44	Magnesium, ICP, Dry ash (%)	2004	0.12150	0.00700	0.12584	0.00497	0.00248	4	-0.87	2%	0
027.44	Magnesium, ICP, Dry ash (%)	2108	0.12310	0.00040	0.12584	0.00497	0.00248	4	-0.55	1%	0
027.44	Magnesium, ICP, Dry ash (%)	2023	0.12600	0.00200	0.12584	0.00497	0.00248	4	0.03	0%	0
027.44	Magnesium, ICP, Dry ash (%)	0065	0.13275	0.00050	0.12584	0.00497	0.00248	4	1.39	3%	0
027.51	Magnesium, ICP-MS, Dry ash (%)	0039	0.13550	0.00420			0.00420	1			0
027.53	Magnesium, ICP-MS, Microwave (%)	0199	0.12600	0.00120	0.13350	0.01061	0.00173	3	-0.59	37%	0
027.53	Magnesium, ICP-MS, Microwave (%)	0572	0.14100	0.00400	0.13350	0.01061	0.00173	3	-0.56	35%	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			
027.53	Magnesium, ICP-MS, Microwave (%)	2055	1.1700	0.00000	0.13350	0.01061	0.00173	3	1.15	72%	0
027.99	Magnesium, Miscellaneous (%)	0100	0.14500	0.01000			0.01000	1			0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	2062	24.786	1.4150	28.366	0.79635	1.1570	11	-4.50	6%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0689	26.500	1.6000	28.366	0.79635	1.1570	11	-2.34	3%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0563	27.966	1.0723	28.366	0.79635	1.1570	11	-0.50	1%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0629	28.000	2.0000	28.366	0.79635	1.1570	11	-0.46	1%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0868	28.000	0.00000	28.366	0.79635	1.1570	11	-0.46	1%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0505	28.500	1.0000	28.366	0.79635	1.1570	11	0.17	0%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	2022	28.500	1.0000	28.366	0.79635	1.1570	11	0.17	0%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0904	28.515	3.3500	28.366	0.79635	1.1570	11	0.19	0%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0208	29.000	0.20000	28.366	0.79635	1.1570	11	0.80	1%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0354	29.205	0.09000	28.366	0.79635	1.1570	11	1.05	1%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0590	30.500	1.0000	28.366	0.79635	1.1570	11	2.68	4%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0175	23.000	6.0000	28.366	0.79635	1.1570	11	-6.74	9%	1
028.32	Manganese, AAS, Open vessel (mg / kg (ppm))	0035	27.390	0.06000	34.433	10.910	1.9267	3	-0.65	10%	0
028.32	Manganese, AAS, Open vessel (mg / kg (ppm))	0504	28.910	1.7200	34.433	10.910	1.9267	3	-0.51	8%	0
028.32	Manganese, AAS, Open vessel (mg / kg (ppm))	0609	47.000	4.0000	34.433	10.910	1.9267	3	1.15	18%	0
028.33	Manganese, AAS, Microwave (mg / kg (ppm))	0948	28.440	0.48000			0.48000	1			0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0720	22.490	2.3000	27.840	1.9304	1.5364	24	-2.77	10%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0511	24.000	0.00000	27.840	1.9304	1.5364	24	-1.99	7%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0004	25.500	3.0000	27.840	1.9304	1.5364	24	-1.21	4%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0358	25.690	1.1400	27.840	1.9304	1.5364	24	-1.11	4%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0164	25.850	0.70000	27.840	1.9304	1.5364	24	-1.03	4%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0208	26.040	0.30000	27.840	1.9304	1.5364	24	-0.93	3%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0049	26.630	0.58000	27.840	1.9304	1.5364	24	-0.63	2%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0171	26.750	0.30000	27.840	1.9304	1.5364	24	-0.56	2%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0425	26.900	1.2000	27.840	1.9304	1.5364	24	-0.49	2%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0695	27.101	2.4670	27.840	1.9304	1.5364	24	-0.38	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0512	27.755	2.5100	27.840	1.9304	1.5364	24	-0.04	0%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	2012	28.070	0.98000	27.840	1.9304	1.5364	24	0.12	0%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0682	28.320	0.00000	27.840	1.9304	1.5364	24	0.25	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0148	28.450	0.30000	27.840	1.9304	1.5364	24	0.32	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0074	28.500	1.0000	27.840	1.9304	1.5364	24	0.34	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	2089	28.720	0.62000	27.840	1.9304	1.5364	24	0.46	2%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0051	28.820	0.10000	27.840	1.9304	1.5364	24	0.51	2%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0407	28.939	2.0171	27.840	1.9304	1.5364	24	0.57	2%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0098	29.215	3.4500	27.840	1.9304	1.5364	24	0.71	2%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0598	29.220	2.0600	27.840	1.9304	1.5364	24	0.71	2%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0083	29.500	3.0000	27.840	1.9304	1.5364	24	0.86	3%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0229	30.400	2.6000	27.840	1.9304	1.5364	24	1.33	5%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0011	30.460	4.2500	27.840	1.9304	1.5364	24	1.36	5%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0405	32.000	2.0000	27.840	1.9304	1.5364	24	2.15	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			
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0520	30.980	8.4800	27.840	1.9304	1.5364	24	1.63	6%	1
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0026	0.00200	0.00000	29.052	3.2344	1.1399	20	-8.98	50%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0037	5.0000	0.60000	29.052	3.2344	1.1399	20	-7.44	41%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0294	24.350	0.10000	29.052	3.2344	1.1399	20	-1.45	8%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0613	25.345	1.6700	29.052	3.2344	1.1399	20	-1.15	6%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0555	27.000	2.0000	29.052	3.2344	1.1399	20	-0.63	4%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0035	27.100	0.48000	29.052	3.2344	1.1399	20	-0.60	3%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0692	27.500	0.00000	29.052	3.2344	1.1399	20	-0.48	3%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0278	29.000	2.0000	29.052	3.2344	1.1399	20	-0.02	0%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0357	29.000	2.0000	29.052	3.2344	1.1399	20	-0.02	0%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0202	29.025	0.03000	29.052	3.2344	1.1399	20	-0.01	0%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0045	29.300	0.20000	29.052	3.2344	1.1399	20	0.08	0%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0366	29.500	1.0000	29.052	3.2344	1.1399	20	0.14	1%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0190	29.745	0.05000	29.052	3.2344	1.1399	20	0.21	1%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0726	30.500	1.0000	29.052	3.2344	1.1399	20	0.45	2%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0693	30.709	2.1185	29.052	3.2344	1.1399	20	0.51	3%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0413	31.100	1.8000	29.052	3.2344	1.1399	20	0.63	4%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0042	32.250	0.10000	29.052	3.2344	1.1399	20	0.99	6%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0870	32.705	0.25000	29.052	3.2344	1.1399	20	1.13	6%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0265	33.500	5.0000	29.052	3.2344	1.1399	20	1.38	8%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0186	41.400	2.4000	29.052	3.2344	1.1399	20	3.82	21%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0560	31.550	6.5000	29.052	3.2344	1.1399	20	0.77	4%	1
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0510	24.500	1.0000	28.238	2.6741	1.3850	14	-1.40	7%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0353	25.500	1.0000	28.238	2.6741	1.3850	14	-1.02	5%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0675	25.940	0.30000	28.238	2.6741	1.3850	14	-0.86	4%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0629	26.000	0.00000	28.238	2.6741	1.3850	14	-0.84	4%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0968	26.500	1.0000	28.238	2.6741	1.3850	14	-0.65	3%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0038	27.500	1.0000	28.238	2.6741	1.3850	14	-0.28	1%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0168	27.885	1.4500	28.238	2.6741	1.3850	14	-0.13	1%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0918	28.460	1.0000	28.238	2.6741	1.3850	14	0.08	0%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0297	29.000	0.00000	28.238	2.6741	1.3850	14	0.28	1%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0861	29.400	2.0000	28.238	2.6741	1.3850	14	0.43	2%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0098	30.650	3.1200	28.238	2.6741	1.3850	14	0.90	4%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0964	30.900	2.1200	28.238	2.6741	1.3850	14	1.00	5%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0169	31.450	2.3000	28.238	2.6741	1.3850	14	1.20	6%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0043	31.650	3.1000	28.238	2.6741	1.3850	14	1.28	6%	0
028.44	Manganese, ICP, Dry ash (mg / kg (ppm))	2023	24.350	0.30000			0.45000	2	-0.71	4%	0
028.44	Manganese, ICP, Dry ash (mg / kg (ppm))	2004	28.600	0.60000			0.45000	2	0.71	4%	0
028.51	Manganese, ICP-MS, Dry ash (mg / kg (ppm))	0039	29.319	1.4760			1.4760	1			0
028.52	Manganese, ICP-MS, Open vessel (mg / kg (ppm))	0047	25.850	2.9000			1.9500	2	-0.71	2%	0
028.52	Manganese, ICP-MS, Open vessel (mg / kg (ppm))	0555	28.500	1.0000			1.9500	2	0.71	2%	0
028.53	Manganese, ICP-MS, Microwave (mg / kg (ppm))	2102	26.147	1.1254	28.498	3.2117	1.0589	4	-0.73	4%	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			
028.53	Manganese, ICP-MS, Microwave (mg / kg (ppm))	2055	26.800	1.4000	28.498	3.2117	1.0589	4	-0.53	3%	0
028.53	Manganese, ICP-MS, Microwave (mg / kg (ppm))	0199	27.845	1.3100	28.498	3.2117	1.0589	4	-0.20	1%	0
028.53	Manganese, ICP-MS, Microwave (mg / kg (ppm))	0572	33.200	0.40000	28.498	3.2117	1.0589	4	1.46	8%	0
028.99	Manganese, Miscellaneous (mg / kg (ppm))	0100	29.500	3.0000			3.0000	1			0
031.00	Phosphorus, Vol (%)	0895	0.90500	0.01000			0.01000	2	-0.71	2%	0
031.00	Phosphorus, Vol (%)	0893	0.97500	0.01000			0.01000	2	0.71	2%	0
031.01	Phosphorus, Photometric (%)	0609	0.64500	0.01000	0.91920	0.03273	0.01050	50	-8.38	15%	0
031.01	Phosphorus, Photometric (%)	0625	0.69500	0.01000	0.91920	0.03273	0.01050	50	-6.85	12%	0
031.01	Phosphorus, Photometric (%)	0946	0.69500	0.01000	0.91920	0.03273	0.01050	50	-6.85	12%	0
031.01	Phosphorus, Photometric (%)	0108	0.74000	0.00000	0.91920	0.03273	0.01050	50	-5.47	10%	0
031.01	Phosphorus, Photometric (%)	2086	0.74000	0.00000	0.91920	0.03273	0.01050	50	-5.47	10%	0
031.01	Phosphorus, Photometric (%)	0194	0.83500	0.01000	0.91920	0.03273	0.01050	50	-2.57	5%	0
031.01	Phosphorus, Photometric (%)	0934	0.85000	0.00000	0.91920	0.03273	0.01050	50	-2.11	4%	0
031.01	Phosphorus, Photometric (%)	0723	0.85320	0.00000	0.91920	0.03273	0.01050	50	-2.02	4%	0
031.01	Phosphorus, Photometric (%)	0921	0.87600	0.02000	0.91920	0.03273	0.01050	50	-1.32	2%	0
031.01	Phosphorus, Photometric (%)	0035	0.89100	0.00200	0.91920	0.03273	0.01050	50	-0.86	2%	0
031.01	Phosphorus, Photometric (%)	0620	0.89430	0.00180	0.91920	0.03273	0.01050	50	-0.76	1%	0
031.01	Phosphorus, Photometric (%)	0208	0.89450	0.03900	0.91920	0.03273	0.01050	50	-0.75	1%	0
031.01	Phosphorus, Photometric (%)	0152	0.90000	0.04000	0.91920	0.03273	0.01050	50	-0.59	1%	0
031.01	Phosphorus, Photometric (%)	0233	0.90000	0.02000	0.91920	0.03273	0.01050	50	-0.59	1%	0
031.01	Phosphorus, Photometric (%)	0884	0.90000	0.02000	0.91920	0.03273	0.01050	50	-0.59	1%	0
031.01	Phosphorus, Photometric (%)	0038	0.90250	0.00500	0.91920	0.03273	0.01050	50	-0.51	1%	0
031.01	Phosphorus, Photometric (%)	0175	0.90500	0.01000	0.91920	0.03273	0.01050	50	-0.43	1%	0
031.01	Phosphorus, Photometric (%)	0629	0.90500	0.01000	0.91920	0.03273	0.01050	50	-0.43	1%	0
031.01	Phosphorus, Photometric (%)	0897	0.91300	0.00200	0.91920	0.03273	0.01050	50	-0.19	0%	0
031.01	Phosphorus, Photometric (%)	0622	0.91400	0.00080	0.91920	0.03273	0.01050	50	-0.16	0%	0
031.01	Phosphorus, Photometric (%)	0689	0.91500	0.01000	0.91920	0.03273	0.01050	50	-0.13	0%	0
031.01	Phosphorus, Photometric (%)	0904	0.91500	0.03000	0.91920	0.03273	0.01050	50	-0.13	0%	0
031.01	Phosphorus, Photometric (%)	0263	0.91530	0.00120	0.91920	0.03273	0.01050	50	-0.12	0%	0
031.01	Phosphorus, Photometric (%)	0142	0.92000	0.02000	0.91920	0.03273	0.01050	50	0.02	0%	0
031.01	Phosphorus, Photometric (%)	0651	0.92000	0.00000	0.91920	0.03273	0.01050	50	0.02	0%	0
031.01	Phosphorus, Photometric (%)	0563	0.92235	0.00610	0.91920	0.03273	0.01050	50	0.10	0%	0
031.01	Phosphorus, Photometric (%)	0178	0.92300	0.00000	0.91920	0.03273	0.01050	50	0.12	0%	0
031.01	Phosphorus, Photometric (%)	0626	0.92300	0.01800	0.91920	0.03273	0.01050	50	0.12	0%	0
031.01	Phosphorus, Photometric (%)	0552	0.92500	0.01000	0.91920	0.03273	0.01050	50	0.18	0%	0
031.01	Phosphorus, Photometric (%)	2011	0.92500	0.01000	0.91920	0.03273	0.01050	50	0.18	0%	0
031.01	Phosphorus, Photometric (%)	2022	0.92500	0.01000	0.91920	0.03273	0.01050	50	0.18	0%	0
031.01	Phosphorus, Photometric (%)	2009	0.92550	0.00300	0.91920	0.03273	0.01050	50	0.19	0%	0
031.01	Phosphorus, Photometric (%)	0354	0.93000	0.00000	0.91920	0.03273	0.01050	50	0.33	1%	0
031.01	Phosphorus, Photometric (%)	0937	0.93000	0.00000	0.91920	0.03273	0.01050	50	0.33	1%	0
031.01	Phosphorus, Photometric (%)	0511	0.93500	0.01000	0.91920	0.03273	0.01050	50	0.48	1%	0
031.01	Phosphorus, Photometric (%)	0903	0.93500	0.01000	0.91920	0.03273	0.01050	50	0.48	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			
031.01	Phosphorus, Photometric (%)	2068	0.93500	0.01000	0.91920	0.03273	0.01050	50	0.48	1%	0
031.01	Phosphorus, Photometric (%)	2062	0.93600	0.01200	0.91920	0.03273	0.01050	50	0.51	1%	0
031.01	Phosphorus, Photometric (%)	0674	0.94000	0.00000	0.91920	0.03273	0.01050	50	0.64	1%	0
031.01	Phosphorus, Photometric (%)	0687	0.94000	0.02000	0.91920	0.03273	0.01050	50	0.64	1%	0
031.01	Phosphorus, Photometric (%)	0722	0.94760	0.00120	0.91920	0.03273	0.01050	50	0.87	2%	0
031.01	Phosphorus, Photometric (%)	0881	0.95200	0.00600	0.91920	0.03273	0.01050	50	1.00	2%	0
031.01	Phosphorus, Photometric (%)	0849	0.95950	0.00100	0.91920	0.03273	0.01050	50	1.23	2%	0
031.01	Phosphorus, Photometric (%)	0868	0.96300	0.00600	0.91920	0.03273	0.01050	50	1.34	2%	0
031.01	Phosphorus, Photometric (%)	0683	0.96500	0.03000	0.91920	0.03273	0.01050	50	1.40	2%	0
031.01	Phosphorus, Photometric (%)	0948	0.98500	0.03000	0.91920	0.03273	0.01050	50	2.01	4%	0
031.01	Phosphorus, Photometric (%)	0885	0.99000	0.00000	0.91920	0.03273	0.01050	50	2.16	4%	0
031.01	Phosphorus, Photometric (%)	0650	1.0000	0.02000	0.91920	0.03273	0.01050	50	2.47	4%	0
031.01	Phosphorus, Photometric (%)	0900	1.0100	0.02000	0.91920	0.03273	0.01050	50	2.77	5%	0
031.01	Phosphorus, Photometric (%)	2091	1.0500	0.02000	0.91920	0.03273	0.01050	50	4.00	7%	0
031.01	Phosphorus, Photometric (%)	2006	0.96100	0.09200	0.91920	0.03273	0.01050	50	1.28	2%	1
031.02	Phosphorus, GQMP (AOAC 935.13-Extraction) (%)	2053	0.92000	0.00000	0.92788	0.00753	0.00530	3	-1.05	0%	0
031.02	Phosphorus, GQMP (AOAC 935.13-Extraction) (%)	0011	0.92865	0.00590	0.92788	0.00753	0.00530	3	0.10	0%	0
031.02	Phosphorus, GQMP (AOAC 935.13-Extraction) (%)	0505	0.93500	0.01000	0.92788	0.00753	0.00530	3	0.95	0%	0
031.03	Phosphorus, Autoanalyzer (%)	0504	0.91000	0.00000	0.93495	0.02493	0.00503	3	-1.00	1%	0
031.03	Phosphorus, Autoanalyzer (%)	0169	0.93500	0.01000	0.93495	0.02493	0.00503	3	0.00	0%	0
031.03	Phosphorus, Autoanalyzer (%)	0036	0.95985	0.00510	0.93495	0.02493	0.00503	3	1.00	1%	0
031.06	Phosphorus, Hach Method (%)	0138	0.90650	0.02700			0.01850	2	-0.71	2%	0
031.06	Phosphorus, Hach Method (%)	0536	0.96500	0.01000			0.01850	2	0.71	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0089	0.85000	0.00000	0.93434	0.02440	0.01871	29	-3.46	5%	0
031.41	Phosphorus, ICP, Dry ash (%)	0144	0.87500	0.03000	0.93434	0.02440	0.01871	29	-2.43	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0520	0.88450	0.02900	0.93434	0.02440	0.01871	29	-2.04	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0123	0.90500	0.01000	0.93434	0.02440	0.01871	29	-1.20	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0171	0.90500	0.01000	0.93434	0.02440	0.01871	29	-1.20	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0148	0.91450	0.00100	0.93434	0.02440	0.01871	29	-0.81	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0004	0.92000	0.00000	0.93434	0.02440	0.01871	29	-0.59	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0229	0.92000	0.02000	0.93434	0.02440	0.01871	29	-0.59	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0407	0.92470	0.03120	0.93434	0.02440	0.01871	29	-0.40	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0164	0.92500	0.01000	0.93434	0.02440	0.01871	29	-0.38	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0720	0.92500	0.03000	0.93434	0.02440	0.01871	29	-0.38	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0848	0.92500	0.01000	0.93434	0.02440	0.01871	29	-0.38	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0300	0.92950	0.02500	0.93434	0.02440	0.01871	29	-0.20	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0682	0.93000	0.00000	0.93434	0.02440	0.01871	29	-0.18	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0049	0.93500	0.05000	0.93434	0.02440	0.01871	29	0.03	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0425	0.93500	0.03000	0.93434	0.02440	0.01871	29	0.03	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	2012	0.93500	0.01000	0.93434	0.02440	0.01871	29	0.03	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	2089	0.93500	0.01000	0.93434	0.02440	0.01871	29	0.03	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0695	0.93800	0.04000	0.93434	0.02440	0.01871	29	0.15	0%	0

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031.41	Phosphorus, ICP, Dry ash (%)	0074	0.94500	0.01000	0.93434	0.02440	0.01871	29	0.44	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0051	0.94950	0.01260	0.93434	0.02440	0.01871	29	0.62	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0358	0.95000	0.04000	0.93434	0.02440	0.01871	29	0.64	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0413	0.95000	0.02000	0.93434	0.02440	0.01871	29	0.64	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0011	0.96190	0.00500	0.93434	0.02440	0.01871	29	1.13	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0512	0.96270	0.03300	0.93434	0.02440	0.01871	29	1.16	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0083	0.96500	0.01000	0.93434	0.02440	0.01871	29	1.26	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0208	0.97350	0.02500	0.93434	0.02440	0.01871	29	1.61	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0598	0.99355	0.02090	0.93434	0.02440	0.01871	29	2.43	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0405	1.2100	0.02000	0.93434	0.02440	0.01871	29	11.30	15%	0
031.41	Phosphorus, ICP, Dry ash (%)	0098	0.96230	0.07540	0.93434	0.02440	0.01871	29	1.15	1%	1
031.42	Phosphorus, ICP, Open vessel (%)	0035	0.77545	0.00070	0.92392	0.05429	0.01791	21	-2.73	8%	0
031.42	Phosphorus, ICP, Open vessel (%)	0870	0.83590	0.02700	0.92392	0.05429	0.01791	21	-1.62	5%	0
031.42	Phosphorus, ICP, Open vessel (%)	0045	0.85200	0.03600	0.92392	0.05429	0.01791	21	-1.32	4%	0
031.42	Phosphorus, ICP, Open vessel (%)	0294	0.85500	0.01000	0.92392	0.05429	0.01791	21	-1.27	4%	0
031.42	Phosphorus, ICP, Open vessel (%)	0278	0.88000	0.06000	0.92392	0.05429	0.01791	21	-0.81	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0693	0.90365	0.02010	0.92392	0.05429	0.01791	21	-0.37	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0366	0.90500	0.01000	0.92392	0.05429	0.01791	21	-0.35	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0205	0.90800	0.00400	0.92392	0.05429	0.01791	21	-0.29	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0202	0.91000	0.00000	0.92392	0.05429	0.01791	21	-0.26	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0613	0.91000	0.02000	0.92392	0.05429	0.01791	21	-0.26	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0026	0.92500	0.01000	0.92392	0.05429	0.01791	21	0.02	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0042	0.93950	0.01700	0.92392	0.05429	0.01791	21	0.29	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0504	0.94300	0.01400	0.92392	0.05429	0.01791	21	0.35	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0190	0.95000	0.02000	0.92392	0.05429	0.01791	21	0.48	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0186	0.95850	0.01500	0.92392	0.05429	0.01791	21	0.64	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0357	0.96000	0.00000	0.92392	0.05429	0.01791	21	0.66	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0037	0.97500	0.01000	0.92392	0.05429	0.01791	21	0.94	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	0560	0.97800	0.05800	0.92392	0.05429	0.01791	21	1.00	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	0692	0.97800	0.00400	0.92392	0.05429	0.01791	21	1.00	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	0555	0.98000	0.04000	0.92392	0.05429	0.01791	21	1.03	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	0726	0.99745	0.00030	0.92392	0.05429	0.01791	21	1.35	4%	0
031.42	Phosphorus, ICP, Open vessel (%)	0265	1.0200	0.16000	0.92392	0.05429	0.01791	21	1.77	5%	1
031.43	Phosphorus, ICP, Microwave (%)	0510	0.84000	0.02000	0.94036	0.04548	0.02531	15	-2.21	5%	0
031.43	Phosphorus, ICP, Microwave (%)	0297	0.89500	0.05000	0.94036	0.04548	0.02531	15	-1.00	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0968	0.90000	0.00000	0.94036	0.04548	0.02531	15	-0.89	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0038	0.90650	0.00100	0.94036	0.04548	0.02531	15	-0.74	2%	0
031.43	Phosphorus, ICP, Microwave (%)	2102	0.90710	0.03360	0.94036	0.04548	0.02531	15	-0.73	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0629	0.92000	0.00000	0.94036	0.04548	0.02531	15	-0.45	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0036	0.93205	0.00470	0.94036	0.04548	0.02531	15	-0.18	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0861	0.93850	0.01300	0.94036	0.04548	0.02531	15	-0.04	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0098	0.95405	0.06430	0.94036	0.04548	0.02531	15	0.30	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			
031.43	Phosphorus, ICP, Microwave (%)	0353	0.95500	0.01000	0.94036	0.04548	0.02531	15	0.32	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0918	0.96500	0.01400	0.94036	0.04548	0.02531	15	0.54	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0168	0.97950	0.04500	0.94036	0.04548	0.02531	15	0.86	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0675	0.98000	0.02000	0.94036	0.04548	0.02531	15	0.87	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0964	0.99200	0.05400	0.94036	0.04548	0.02531	15	1.14	3%	0
031.43	Phosphorus, ICP, Microwave (%)	2094	1.1250	0.05000	0.94036	0.04548	0.02531	15	4.06	10%	0
031.44	Phosphorus, ICP, Dry ash (%)	2023	0.85550	0.01700	0.89674	0.02883	0.01363	4	-1.43	2%	0
031.44	Phosphorus, ICP, Dry ash (%)	2004	0.90000	0.01400	0.89674	0.02883	0.01363	4	0.11	0%	0
031.44	Phosphorus, ICP, Dry ash (%)	2108	0.91020	0.01200	0.89674	0.02883	0.01363	4	0.47	1%	0
031.44	Phosphorus, ICP, Dry ash (%)	0065	0.92125	0.01150	0.89674	0.02883	0.01363	4	0.85	1%	0
031.51	Phosphorus, ICP-MS, Dry ash (%)	0039	0.95915	0.05890			0.05890	1			0
031.53	Phosphorus, ICP-MS, Microwave (%)	0199	0.98000	0.02000	1.0400	0.08485	0.02667	3	-0.59	37%	0
031.53	Phosphorus, ICP-MS, Microwave (%)	0572	1.1000	0.04000	1.0400	0.08485	0.02667	3	-0.56	35%	0
031.53	Phosphorus, ICP-MS, Microwave (%)	2055	9.0500	0.02000	1.0400	0.08485	0.02667	3	1.15	72%	0
031.99	Phosphorus, Miscellaneous (%)	0676	0.85500	0.03000	0.94750	0.07773	0.02500	4	-1.19	5%	0
031.99	Phosphorus, Miscellaneous (%)	0590	0.94000	0.02000	0.94750	0.07773	0.02500	4	-0.10	0%	0
031.99	Phosphorus, Miscellaneous (%)	0100	0.95000	0.04000	0.94750	0.07773	0.02500	4	0.03	0%	0
031.99	Phosphorus, Miscellaneous (%)	0852	1.0450	0.01000	0.94750	0.07773	0.02500	4	1.25	5%	0
032.02	Potassium, Flame Emission (%)	0504	0.90500	0.01000	0.91600	0.01652	0.00400	3	-0.67	1%	0
032.02	Potassium, Flame Emission (%)	0881	0.90800	0.00200	0.91600	0.01652	0.00400	3	-0.48	0%	0
032.02	Potassium, Flame Emission (%)	0590	0.93500	0.00000	0.91600	0.01652	0.00400	3	1.15	1%	0
032.31	Potassium, AAS, Dry ash (%)	2022	0.80550	0.00100	0.89581	0.05627	0.01564	16	-1.60	5%	0
032.31	Potassium, AAS, Dry ash (%)	0683	0.81500	0.03000	0.89581	0.05627	0.01564	16	-1.44	5%	0
032.31	Potassium, AAS, Dry ash (%)	0175	0.82000	0.00000	0.89581	0.05627	0.01564	16	-1.35	4%	0
032.31	Potassium, AAS, Dry ash (%)	0904	0.82500	0.05000	0.89581	0.05627	0.01564	16	-1.26	4%	0
032.31	Potassium, AAS, Dry ash (%)	0629	0.84500	0.01000	0.89581	0.05627	0.01564	16	-0.90	3%	0
032.31	Potassium, AAS, Dry ash (%)	0563	0.88590	0.00260	0.89581	0.05627	0.01564	16	-0.18	1%	0
032.31	Potassium, AAS, Dry ash (%)	0505	0.90000	0.01000	0.89581	0.05627	0.01564	16	0.07	0%	0
032.31	Potassium, AAS, Dry ash (%)	0142	0.90115	0.01770	0.89581	0.05627	0.01564	16	0.09	0%	0
032.31	Potassium, AAS, Dry ash (%)	0208	0.90650	0.00300	0.89581	0.05627	0.01564	16	0.19	1%	0
032.31	Potassium, AAS, Dry ash (%)	0650	0.91000	0.04000	0.89581	0.05627	0.01564	16	0.25	1%	0
032.31	Potassium, AAS, Dry ash (%)	0868	0.91650	0.00300	0.89581	0.05627	0.01564	16	0.37	1%	0
032.31	Potassium, AAS, Dry ash (%)	0948	0.92500	0.01000	0.89581	0.05627	0.01564	16	0.52	2%	0
032.31	Potassium, AAS, Dry ash (%)	0038	0.92850	0.00100	0.89581	0.05627	0.01564	16	0.58	2%	0
032.31	Potassium, AAS, Dry ash (%)	0178	0.94500	0.00200	0.89581	0.05627	0.01564	16	0.87	3%	0
032.31	Potassium, AAS, Dry ash (%)	0354	0.97000	0.02000	0.89581	0.05627	0.01564	16	1.32	4%	0
032.31	Potassium, AAS, Dry ash (%)	0536	1.0250	0.05000	0.89581	0.05627	0.01564	16	2.30	7%	0
032.32	Potassium, AAS, Open vessel (%)	0169	0.81600	0.03200	0.87445	0.05818	0.01617	3	-1.00	3%	0
032.32	Potassium, AAS, Open vessel (%)	0609	0.87500	0.01000	0.87445	0.05818	0.01617	3	0.01	0%	0
032.32	Potassium, AAS, Open vessel (%)	0035	0.93235	0.00650	0.87445	0.05818	0.01617	3	1.00	3%	0
032.41	Potassium, ICP, Dry ash (%)	0720	0.78500	0.01000	0.90360	0.04158	0.01584	26	-2.85	7%	0
032.41	Potassium, ICP, Dry ash (%)	0511	0.83000	0.00000	0.90360	0.04158	0.01584	26	-1.77	4%	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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032.41	Potassium, ICP, Dry ash (%)	0144	0.85000	0.02000	0.90360	0.04158	0.01584	26	-1.29	3%	0
032.41	Potassium, ICP, Dry ash (%)	0171	0.85700	0.00400	0.90360	0.04158	0.01584	26	-1.12	3%	0
032.41	Potassium, ICP, Dry ash (%)	0004	0.86500	0.01000	0.90360	0.04158	0.01584	26	-0.93	2%	0
032.41	Potassium, ICP, Dry ash (%)	0011	0.86980	0.00000	0.90360	0.04158	0.01584	26	-0.81	2%	0
032.41	Potassium, ICP, Dry ash (%)	0208	0.87400	0.05000	0.90360	0.04158	0.01584	26	-0.71	2%	0
032.41	Potassium, ICP, Dry ash (%)	0083	0.88500	0.01000	0.90360	0.04158	0.01584	26	-0.45	1%	0
032.41	Potassium, ICP, Dry ash (%)	0098	0.88500	0.03000	0.90360	0.04158	0.01584	26	-0.45	1%	0
032.41	Potassium, ICP, Dry ash (%)	2012	0.88500	0.01000	0.90360	0.04158	0.01584	26	-0.45	1%	0
032.41	Potassium, ICP, Dry ash (%)	0164	0.89000	0.02000	0.90360	0.04158	0.01584	26	-0.33	1%	0
032.41	Potassium, ICP, Dry ash (%)	0695	0.89250	0.01100	0.90360	0.04158	0.01584	26	-0.27	1%	0
032.41	Potassium, ICP, Dry ash (%)	0148	0.90600	0.00600	0.90360	0.04158	0.01584	26	0.06	0%	0
032.41	Potassium, ICP, Dry ash (%)	0512	0.90680	0.02240	0.90360	0.04158	0.01584	26	0.08	0%	0
032.41	Potassium, ICP, Dry ash (%)	0407	0.91315	0.01810	0.90360	0.04158	0.01584	26	0.23	1%	0
032.41	Potassium, ICP, Dry ash (%)	0229	0.91500	0.03000	0.90360	0.04158	0.01584	26	0.27	1%	0
032.41	Potassium, ICP, Dry ash (%)	0598	0.91510	0.01540	0.90360	0.04158	0.01584	26	0.28	1%	0
032.41	Potassium, ICP, Dry ash (%)	0413	0.92500	0.05000	0.90360	0.04158	0.01584	26	0.51	1%	0
032.41	Potassium, ICP, Dry ash (%)	0425	0.92500	0.01000	0.90360	0.04158	0.01584	26	0.51	1%	0
032.41	Potassium, ICP, Dry ash (%)	0051	0.92985	0.03090	0.90360	0.04158	0.01584	26	0.63	1%	0
032.41	Potassium, ICP, Dry ash (%)	0520	0.93800	0.02400	0.90360	0.04158	0.01584	26	0.83	2%	0
032.41	Potassium, ICP, Dry ash (%)	0358	0.94000	0.00000	0.90360	0.04158	0.01584	26	0.88	2%	0
032.41	Potassium, ICP, Dry ash (%)	2089	0.95000	0.00000	0.90360	0.04158	0.01584	26	1.12	3%	0
032.41	Potassium, ICP, Dry ash (%)	0074	0.96000	0.02000	0.90360	0.04158	0.01584	26	1.36	3%	0
032.41	Potassium, ICP, Dry ash (%)	0682	0.96000	0.00000	0.90360	0.04158	0.01584	26	1.36	3%	0
032.41	Potassium, ICP, Dry ash (%)	0405	1.1750	0.01000	0.90360	0.04158	0.01584	26	6.53	15%	0
032.41	Potassium, ICP, Dry ash (%)	0049	0.89500	0.09000	0.90360	0.04158	0.01584	26	-0.21	0%	1
032.42	Potassium, ICP, Open vessel (%)	0026	0.73000	0.02000	0.92023	0.05007	0.02183	21	-3.80	10%	0
032.42	Potassium, ICP, Open vessel (%)	0045	0.85450	0.05700	0.92023	0.05007	0.02183	21	-1.31	4%	0
032.42	Potassium, ICP, Open vessel (%)	0278	0.87500	0.01000	0.92023	0.05007	0.02183	21	-0.90	2%	0
032.42	Potassium, ICP, Open vessel (%)	0186	0.87600	0.02200	0.92023	0.05007	0.02183	21	-0.88	2%	0
032.42	Potassium, ICP, Open vessel (%)	0613	0.88000	0.06000	0.92023	0.05007	0.02183	21	-0.80	2%	0
032.42	Potassium, ICP, Open vessel (%)	0357	0.89000	0.00000	0.92023	0.05007	0.02183	21	-0.60	2%	0
032.42	Potassium, ICP, Open vessel (%)	0205	0.89050	0.00300	0.92023	0.05007	0.02183	21	-0.59	2%	0
032.42	Potassium, ICP, Open vessel (%)	0692	0.89100	0.00200	0.92023	0.05007	0.02183	21	-0.58	2%	0
032.42	Potassium, ICP, Open vessel (%)	0037	0.90500	0.01000	0.92023	0.05007	0.02183	21	-0.30	1%	0
032.42	Potassium, ICP, Open vessel (%)	0202	0.91500	0.03000	0.92023	0.05007	0.02183	21	-0.10	0%	0
032.42	Potassium, ICP, Open vessel (%)	0870	0.92445	0.00330	0.92023	0.05007	0.02183	21	0.08	0%	0
032.42	Potassium, ICP, Open vessel (%)	0693	0.92545	0.02690	0.92023	0.05007	0.02183	21	0.10	0%	0
032.42	Potassium, ICP, Open vessel (%)	0294	0.93000	0.00000	0.92023	0.05007	0.02183	21	0.20	1%	0
032.42	Potassium, ICP, Open vessel (%)	0035	0.93205	0.01350	0.92023	0.05007	0.02183	21	0.24	1%	0
032.42	Potassium, ICP, Open vessel (%)	0504	0.93300	0.05400	0.92023	0.05007	0.02183	21	0.26	1%	0
032.42	Potassium, ICP, Open vessel (%)	0726	0.94730	0.00140	0.92023	0.05007	0.02183	21	0.54	1%	0
032.42	Potassium, ICP, Open vessel (%)	0042	0.95850	0.01100	0.92023	0.05007	0.02183	21	0.76	2%	0

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032.42	Potassium, ICP, Open vessel (%)	0560	0.96795	0.05430	0.92023	0.05007	0.02183	21	0.95	3%	0
032.42	Potassium, ICP, Open vessel (%)	0265	0.99000	0.02000	0.92023	0.05007	0.02183	21	1.39	4%	0
032.42	Potassium, ICP, Open vessel (%)	0190	0.99500	0.05000	0.92023	0.05007	0.02183	21	1.49	4%	0
032.42	Potassium, ICP, Open vessel (%)	0366	1.0150	0.01000	0.92023	0.05007	0.02183	21	1.89	5%	0
032.42	Potassium, ICP, Open vessel (%)	0555	0.97000	0.14000	0.92023	0.05007	0.02183	21	0.99	3%	1
032.43	Potassium, ICP, Microwave (%)	0168	0.77400	0.03000	0.87662	0.04466	0.02271	13	-2.30	6%	0
032.43	Potassium, ICP, Microwave (%)	0038	0.83800	0.05800	0.87662	0.04466	0.02271	13	-0.86	2%	0
032.43	Potassium, ICP, Microwave (%)	0968	0.84000	0.01600	0.87662	0.04466	0.02271	13	-0.82	2%	0
032.43	Potassium, ICP, Microwave (%)	0629	0.84450	0.00100	0.87662	0.04466	0.02271	13	-0.72	2%	0
032.43	Potassium, ICP, Microwave (%)	0043	0.85500	0.01000	0.87662	0.04466	0.02271	13	-0.48	1%	0
032.43	Potassium, ICP, Microwave (%)	0964	0.86940	0.03520	0.87662	0.04466	0.02271	13	-0.16	0%	0
032.43	Potassium, ICP, Microwave (%)	0098	0.88000	0.04000	0.87662	0.04466	0.02271	13	0.08	0%	0
032.43	Potassium, ICP, Microwave (%)	0510	0.88000	0.04000	0.87662	0.04466	0.02271	13	0.08	0%	0
032.43	Potassium, ICP, Microwave (%)	0861	0.88450	0.00300	0.87662	0.04466	0.02271	13	0.18	0%	0
032.43	Potassium, ICP, Microwave (%)	0353	0.90000	0.04000	0.87662	0.04466	0.02271	13	0.52	1%	0
032.43	Potassium, ICP, Microwave (%)	0297	0.93000	0.00000	0.87662	0.04466	0.02271	13	1.20	3%	0
032.43	Potassium, ICP, Microwave (%)	0918	0.93000	0.01200	0.87662	0.04466	0.02271	13	1.20	3%	0
032.43	Potassium, ICP, Microwave (%)	0675	0.93500	0.01000	0.87662	0.04466	0.02271	13	1.31	3%	0
032.44	Potassium, ICP, Dry ash (%)	2108	0.60820	0.04200	0.82049	0.14533	0.01663	4	-1.46	13%	0
032.44	Potassium, ICP, Dry ash (%)	2023	0.84950	0.00700	0.82049	0.14533	0.01663	4	0.20	2%	0
032.44	Potassium, ICP, Dry ash (%)	2004	0.89400	0.00000	0.82049	0.14533	0.01663	4	0.51	4%	0
032.44	Potassium, ICP, Dry ash (%)	0065	0.93025	0.01750	0.82049	0.14533	0.01663	4	0.76	7%	0
032.51	Potassium, ICP-MS, Dry ash (%)	0039	0.92605	0.05910			0.05910	1			0
032.53	Potassium, ICP-MS, Microwave (%)	0199	0.96000	0.00000	1.0350	0.10607	0.06333	3	-0.60	36%	0
032.53	Potassium, ICP-MS, Microwave (%)	0572	1.1100	0.00000	1.0350	0.10607	0.06333	3	-0.56	34%	0
032.53	Potassium, ICP-MS, Microwave (%)	2055	8.1450	0.19000	1.0350	0.10607	0.06333	3	1.15	70%	0
032.99	Potassium, Miscellaneous (%)	2006	0.96900	0.09600			0.09800	2	-0.71	1%	0
032.99	Potassium, Miscellaneous (%)	0100	1.0000	0.10000			0.09800	2	0.71	1%	0
033.00	Salt as chloride, Sol Cl (%)	0675	0.50500	0.01000	0.78926	0.07496	0.01386	23	-3.79	18%	0
033.00	Salt as chloride, Sol Cl (%)	0885	0.51730	0.00160	0.78926	0.07496	0.01386	23	-3.63	17%	0
033.00	Salt as chloride, Sol Cl (%)	0169	0.59500	0.01000	0.78926	0.07496	0.01386	23	-2.59	12%	0
033.00	Salt as chloride, Sol Cl (%)	2009	0.59540	0.01540	0.78926	0.07496	0.01386	23	-2.59	12%	0
033.00	Salt as chloride, Sol Cl (%)	0539	0.73000	0.04000	0.78926	0.07496	0.01386	23	-0.79	4%	0
033.00	Salt as chloride, Sol Cl (%)	0353	0.74000	0.02000	0.78926	0.07496	0.01386	23	-0.66	3%	0
033.00	Salt as chloride, Sol Cl (%)	0723	0.75400	0.00000	0.78926	0.07496	0.01386	23	-0.47	2%	0
033.00	Salt as chloride, Sol Cl (%)	0683	0.78000	0.02000	0.78926	0.07496	0.01386	23	-0.12	1%	0
033.00	Salt as chloride, Sol Cl (%)	2062	0.78240	0.00280	0.78926	0.07496	0.01386	23	-0.09	0%	0
033.00	Salt as chloride, Sol Cl (%)	0895	0.78500	0.01000	0.78926	0.07496	0.01386	23	-0.06	0%	0
033.00	Salt as chloride, Sol Cl (%)	2068	0.78500	0.01000	0.78926	0.07496	0.01386	23	-0.06	0%	0
033.00	Salt as chloride, Sol Cl (%)	0893	0.79000	0.00000	0.78926	0.07496	0.01386	23	0.01	0%	0
033.00	Salt as chloride, Sol Cl (%)	2012	0.80500	0.01000	0.78926	0.07496	0.01386	23	0.21	1%	0
033.00	Salt as chloride, Sol Cl (%)	0900	0.81000	0.02000	0.78926	0.07496	0.01386	23	0.28	1%	0

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033.00	Salt as chloride, Sol Cl (%)	2091	0.81000	0.02000	0.78926	0.07496	0.01386	23	0.28	1%	0
033.00	Salt as chloride, Sol Cl (%)	0903	0.81500	0.01000	0.78926	0.07496	0.01386	23	0.34	2%	0
033.00	Salt as chloride, Sol Cl (%)	0045	0.82750	0.01300	0.78926	0.07496	0.01386	23	0.51	2%	0
033.00	Salt as chloride, Sol Cl (%)	0309	0.83810	0.02180	0.78926	0.07496	0.01386	23	0.65	3%	0
033.00	Salt as chloride, Sol Cl (%)	0934	0.84500	0.01000	0.78926	0.07496	0.01386	23	0.74	4%	0
033.00	Salt as chloride, Sol Cl (%)	0897	0.85500	0.01000	0.78926	0.07496	0.01386	23	0.88	4%	0
033.00	Salt as chloride, Sol Cl (%)	0366	0.87500	0.01000	0.78926	0.07496	0.01386	23	1.14	5%	0
033.00	Salt as chloride, Sol Cl (%)	2006	0.94200	0.03200	0.78926	0.07496	0.01386	23	2.04	10%	0
033.00	Salt as chloride, Sol Cl (%)	0693	1.0154	0.02220	0.78926	0.07496	0.01386	23	3.02	14%	0
033.01	Salt as chloride, Poten Cl (%)	2011	0.68500	0.01000	0.84696	0.02459	0.00964	28	-6.59	10%	0
033.01	Salt as chloride, Poten Cl (%)	0937	0.78000	0.00000	0.84696	0.02459	0.00964	28	-2.72	4%	0
033.01	Salt as chloride, Poten Cl (%)	0100	0.80000	0.02000	0.84696	0.02459	0.00964	28	-1.91	3%	0
033.01	Salt as chloride, Poten Cl (%)	2006	0.80650	0.00300	0.84696	0.02459	0.00964	28	-1.65	2%	0
033.01	Salt as chloride, Poten Cl (%)	0425	0.82000	0.00000	0.84696	0.02459	0.00964	28	-1.10	2%	0
033.01	Salt as chloride, Poten Cl (%)	0683	0.83000	0.02000	0.84696	0.02459	0.00964	28	-0.69	1%	0
033.01	Salt as chloride, Poten Cl (%)	0083	0.83500	0.01000	0.84696	0.02459	0.00964	28	-0.49	1%	0
033.01	Salt as chloride, Poten Cl (%)	0194	0.83500	0.01000	0.84696	0.02459	0.00964	28	-0.49	1%	0
033.01	Salt as chloride, Poten Cl (%)	0590	0.83500	0.01000	0.84696	0.02459	0.00964	28	-0.49	1%	0
033.01	Salt as chloride, Poten Cl (%)	0148	0.83750	0.00500	0.84696	0.02459	0.00964	28	-0.38	1%	0
033.01	Salt as chloride, Poten Cl (%)	0199	0.84000	0.00000	0.84696	0.02459	0.00964	28	-0.28	0%	0
033.01	Salt as chloride, Poten Cl (%)	0178	0.84200	0.00400	0.84696	0.02459	0.00964	28	-0.20	0%	0
033.01	Salt as chloride, Poten Cl (%)	0407	0.84300	0.00000	0.84696	0.02459	0.00964	28	-0.16	0%	0
033.01	Salt as chloride, Poten Cl (%)	0861	0.84500	0.01000	0.84696	0.02459	0.00964	28	-0.08	0%	0
033.01	Salt as chloride, Poten Cl (%)	0948	0.84500	0.01000	0.84696	0.02459	0.00964	28	-0.08	0%	0
033.01	Salt as chloride, Poten Cl (%)	0682	0.85000	0.00000	0.84696	0.02459	0.00964	28	0.12	0%	0
033.01	Salt as chloride, Poten Cl (%)	0205	0.85400	0.00800	0.84696	0.02459	0.00964	28	0.29	0%	0
033.01	Salt as chloride, Poten Cl (%)	0164	0.85500	0.01000	0.84696	0.02459	0.00964	28	0.33	0%	0
033.01	Salt as chloride, Poten Cl (%)	0175	0.85500	0.01000	0.84696	0.02459	0.00964	28	0.33	0%	0
033.01	Salt as chloride, Poten Cl (%)	2023	0.86000	0.00000	0.84696	0.02459	0.00964	28	0.53	1%	0
033.01	Salt as chloride, Poten Cl (%)	0354	0.86500	0.03000	0.84696	0.02459	0.00964	28	0.73	1%	0
033.01	Salt as chloride, Poten Cl (%)	0413	0.87000	0.02000	0.84696	0.02459	0.00964	28	0.94	1%	0
033.01	Salt as chloride, Poten Cl (%)	0868	0.87000	0.00000	0.84696	0.02459	0.00964	28	0.94	1%	0
033.01	Salt as chloride, Poten Cl (%)	0098	0.87500	0.01000	0.84696	0.02459	0.00964	28	1.14	2%	0
033.01	Salt as chloride, Poten Cl (%)	0510	0.87500	0.03000	0.84696	0.02459	0.00964	28	1.14	2%	0
033.01	Salt as chloride, Poten Cl (%)	0650	0.87500	0.03000	0.84696	0.02459	0.00964	28	1.14	2%	0
033.01	Salt as chloride, Poten Cl (%)	0229	0.88500	0.01000	0.84696	0.02459	0.00964	28	1.55	2%	0
033.01	Salt as chloride, Poten Cl (%)	0278	0.93000	0.00000	0.84696	0.02459	0.00964	28	3.38	5%	0
033.01	Salt as chloride, Poten Cl (%)	0596	0.73500	0.05800	0.84696	0.02459	0.00964	28	-4.55	7%	1
033.03	Salt as chloride, Quantab (%)	0505	0.70000	0.04000	0.77000	0.06557	0.02667	3	-1.07	5%	0
033.03	Salt as chloride, Quantab (%)	0144	0.78000	0.04000	0.77000	0.06557	0.02667	3	0.15	1%	0
033.03	Salt as chloride, Quantab (%)	0265	0.83000	0.00000	0.77000	0.06557	0.02667	3	0.91	4%	0
033.05	Salt as chloride, Ion Sel Electrode (%)	2043	0.72500	0.03000	0.81667	0.08129	0.02667	3	-1.13	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			
033.05	Salt as chloride, Ion Sel Electrode (%)	0689	0.84500	0.03000	0.81667	0.08129	0.02667	3	0.35	2%	0
033.05	Salt as chloride, Ion Sel Electrode (%)	0171	0.88000	0.02000	0.81667	0.08129	0.02667	3	0.78	4%	0
033.99	Salt, Miscellaneous (%)	0536	0.57000	0.04000	0.86594	0.08938	0.02453	7	-3.31	17%	0
033.99	Salt, Miscellaneous (%)	0552	0.81000	0.02000	0.86594	0.08938	0.02453	7	-0.63	3%	0
033.99	Salt, Miscellaneous (%)	2073	0.84000	0.04000	0.86594	0.08938	0.02453	7	-0.29	1%	0
033.99	Salt, Miscellaneous (%)	0039	0.85845	0.01170	0.86594	0.08938	0.02453	7	-0.08	0%	0
033.99	Salt, Miscellaneous (%)	0358	0.87000	0.00000	0.86594	0.08938	0.02453	7	0.05	0%	0
033.99	Salt, Miscellaneous (%)	0681	1.6150	0.03000	0.86594	0.08938	0.02453	7	8.38	43%	0
033.99	Salt, Miscellaneous (%)	2066	1.7050	0.03000	0.86594	0.08938	0.02453	7	9.39	48%	0
033.99	Salt, Miscellaneous (%)	0613	1.4330	0.15400	0.86594	0.08938	0.02453	7	6.34	33%	1
034.01	Selenium, Fluor (mg / kg (ppm))	0098	0.69450	0.00300			0.01700	2	-0.71	1%	0
034.01	Selenium, Fluor (mg / kg (ppm))	0038	0.72750	0.03100			0.01700	2	0.71	1%	0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0171	0.57500	0.05000	0.62338	0.05781	0.02525	4	-0.84	4%	0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0563	0.57500	0.03000	0.62338	0.05781	0.02525	4	-0.84	4%	0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0169	0.65350	0.02100	0.62338	0.05781	0.02525	4	0.52	2%	0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0164	0.69000	0.00000	0.62338	0.05781	0.02525	4	1.15	5%	0
034.43	Selenium, ICP, Microwave (mg / kg (ppm))	0964	0.34505	0.00810			0.00810	1			0
034.52	Selenium, ICP-MS, Open vessel (mg / kg (ppm))	0555	0.74000	0.04000			0.04000	1			0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	2055	0.45500	0.03000	0.70168	0.15590	0.05101	7	-1.58	18%	0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	0199	0.55500	0.13000	0.70168	0.15590	0.05101	7	-0.94	10%	0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	2102	0.69900	0.00460	0.70168	0.15590	0.05101	7	-0.02	0%	0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	2023	0.70000	0.00000	0.70168	0.15590	0.05101	7	-0.01	0%	0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	0553	0.76800	0.00200	0.70168	0.15590	0.05101	7	0.43	5%	0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	0918	0.78975	0.03350	0.70168	0.15590	0.05101	7	0.56	6%	0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	0098	0.97250	0.15700	0.70168	0.15590	0.05101	7	1.74	19%	0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	0168	2.6380	1.5480	0.70168	0.15590	0.05101	7	12.42	138%	1
034.99	Selenium, Miscellaneous (mg / kg (ppm))	0555	0.72000	0.00000			0.00000	1			0
035.01	Sodium, Ion-selective electrode (%)	0868	0.30700	0.00000	0.32088	0.01476	0.00625	4	-0.94	2%	0
035.01	Sodium, Ion-selective electrode (%)	2006	0.31350	0.00700	0.32088	0.01476	0.00625	4	-0.50	1%	0
035.01	Sodium, Ion-selective electrode (%)	0881	0.32200	0.00200	0.32088	0.01476	0.00625	4	0.08	0%	0
035.01	Sodium, Ion-selective electrode (%)	0138	0.34100	0.01600	0.32088	0.01476	0.00625	4	1.36	3%	0
035.05	Sodium, Flame Emission (%)	0504	0.32000	0.00000	0.34063	0.01505	0.00325	4	-1.37	3%	0
035.05	Sodium, Flame Emission (%)	0152	0.34000	0.00000	0.34063	0.01505	0.00325	4	-0.04	0%	0
035.05	Sodium, Flame Emission (%)	0590	0.34750	0.00300	0.34063	0.01505	0.00325	4	0.46	1%	0
035.05	Sodium, Flame Emission (%)	0108	0.35500	0.01000	0.34063	0.01505	0.00325	4	0.96	2%	0
035.31	Sodium, AAS, Dry ash (%)	0723	0.28150	0.00000	0.31300	0.02192	0.00442	19	-1.44	5%	0
035.31	Sodium, AAS, Dry ash (%)	0536	0.28500	0.01000	0.31300	0.02192	0.00442	19	-1.28	4%	0
035.31	Sodium, AAS, Dry ash (%)	0921	0.28900	0.00000	0.31300	0.02192	0.00442	19	-1.09	4%	0
035.31	Sodium, AAS, Dry ash (%)	0233	0.29000	0.00000	0.31300	0.02192	0.00442	19	-1.05	4%	0
035.31	Sodium, AAS, Dry ash (%)	0683	0.29000	0.02000	0.31300	0.02192	0.00442	19	-1.05	4%	0
035.31	Sodium, AAS, Dry ash (%)	0904	0.30500	0.01000	0.31300	0.02192	0.00442	19	-0.36	1%	0
035.31	Sodium, AAS, Dry ash (%)	0142	0.30710	0.00020	0.31300	0.02192	0.00442	19	-0.27	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	
035.31	Sodium, AAS, Dry ash (%)	0629	0.31000	0.00000	0.31300	0.02192	0.00442	19	-0.14	0%	0
035.31	Sodium, AAS, Dry ash (%)	0505	0.31250	0.00500	0.31300	0.02192	0.00442	19	-0.02	0%	0
035.31	Sodium, AAS, Dry ash (%)	2022	0.31250	0.00100	0.31300	0.02192	0.00442	19	-0.02	0%	0
035.31	Sodium, AAS, Dry ash (%)	0208	0.31550	0.00100	0.31300	0.02192	0.00442	19	0.11	0%	0
035.31	Sodium, AAS, Dry ash (%)	0650	0.32000	0.00000	0.31300	0.02192	0.00442	19	0.32	1%	0
035.31	Sodium, AAS, Dry ash (%)	0563	0.32155	0.00370	0.31300	0.02192	0.00442	19	0.39	1%	0
035.31	Sodium, AAS, Dry ash (%)	0868	0.32300	0.00200	0.31300	0.02192	0.00442	19	0.46	2%	0
035.31	Sodium, AAS, Dry ash (%)	0038	0.33050	0.00100	0.31300	0.02192	0.00442	19	0.80	3%	0
035.31	Sodium, AAS, Dry ash (%)	0175	0.33500	0.01000	0.31300	0.02192	0.00442	19	1.00	4%	0
035.31	Sodium, AAS, Dry ash (%)	0948	0.33500	0.01000	0.31300	0.02192	0.00442	19	1.00	4%	0
035.31	Sodium, AAS, Dry ash (%)	0178	0.33800	0.00000	0.31300	0.02192	0.00442	19	1.14	4%	0
035.31	Sodium, AAS, Dry ash (%)	0354	0.37500	0.01000	0.31300	0.02192	0.00442	19	2.83	10%	0
035.31	Sodium, AAS, Dry ash (%)	0946	0.37500	0.05000	0.31300	0.02192	0.00442	19	2.83	10%	1
035.32	Sodium, AAS, Open vessel (%)	0609	0.26500	0.01000	0.30466	0.03610	0.00743	4	-1.10	7%	0
035.32	Sodium, AAS, Open vessel (%)	0169	0.29400	0.01400	0.30466	0.03610	0.00743	4	-0.30	2%	0
035.32	Sodium, AAS, Open vessel (%)	0035	0.30795	0.00390	0.30466	0.03610	0.00743	4	0.09	1%	0
035.32	Sodium, AAS, Open vessel (%)	0263	0.35170	0.00180	0.30466	0.03610	0.00743	4	1.30	8%	0
035.41	Sodium, ICP, Dry ash (%)	2108	0.26985	0.00510	0.32298	0.00998	0.00763	31	-5.32	8%	0
035.41	Sodium, ICP, Dry ash (%)	2004	0.29900	0.00600	0.32298	0.00998	0.00763	31	-2.40	4%	0
035.41	Sodium, ICP, Dry ash (%)	0144	0.30000	0.00000	0.32298	0.00998	0.00763	31	-2.30	4%	0
035.41	Sodium, ICP, Dry ash (%)	2012	0.30000	0.00000	0.32298	0.00998	0.00763	31	-2.30	4%	0
035.41	Sodium, ICP, Dry ash (%)	0148	0.30600	0.00000	0.32298	0.00998	0.00763	31	-1.70	3%	0
035.41	Sodium, ICP, Dry ash (%)	0004	0.31500	0.01000	0.32298	0.00998	0.00763	31	-0.80	1%	0
035.41	Sodium, ICP, Dry ash (%)	0425	0.31500	0.01000	0.32298	0.00998	0.00763	31	-0.80	1%	0
035.41	Sodium, ICP, Dry ash (%)	0300	0.31700	0.00200	0.32298	0.00998	0.00763	31	-0.60	1%	0
035.41	Sodium, ICP, Dry ash (%)	0089	0.32000	0.00000	0.32298	0.00998	0.00763	31	-0.30	0%	0
035.41	Sodium, ICP, Dry ash (%)	0171	0.32000	0.00600	0.32298	0.00998	0.00763	31	-0.30	0%	0
035.41	Sodium, ICP, Dry ash (%)	0520	0.32000	0.01200	0.32298	0.00998	0.00763	31	-0.30	0%	0
035.41	Sodium, ICP, Dry ash (%)	0682	0.32000	0.00000	0.32298	0.00998	0.00763	31	-0.30	0%	0
035.41	Sodium, ICP, Dry ash (%)	2089	0.32000	0.00000	0.32298	0.00998	0.00763	31	-0.30	0%	0
035.41	Sodium, ICP, Dry ash (%)	0164	0.32150	0.00900	0.32298	0.00998	0.00763	31	-0.15	0%	0
035.41	Sodium, ICP, Dry ash (%)	2023	0.32150	0.00500	0.32298	0.00998	0.00763	31	-0.15	0%	0
035.41	Sodium, ICP, Dry ash (%)	0598	0.32320	0.00300	0.32298	0.00998	0.00763	31	0.02	0%	0
035.41	Sodium, ICP, Dry ash (%)	0065	0.32325	0.00050	0.32298	0.00998	0.00763	31	0.03	0%	0
035.41	Sodium, ICP, Dry ash (%)	0049	0.32500	0.03000	0.32298	0.00998	0.00763	31	0.20	0%	0
035.41	Sodium, ICP, Dry ash (%)	0083	0.32500	0.01000	0.32298	0.00998	0.00763	31	0.20	0%	0
035.41	Sodium, ICP, Dry ash (%)	0098	0.32500	0.01000	0.32298	0.00998	0.00763	31	0.20	0%	0
035.41	Sodium, ICP, Dry ash (%)	0413	0.32500	0.01000	0.32298	0.00998	0.00763	31	0.20	0%	0
035.41	Sodium, ICP, Dry ash (%)	0208	0.32600	0.01000	0.32298	0.00998	0.00763	31	0.30	0%	0
035.41	Sodium, ICP, Dry ash (%)	0695	0.32650	0.01700	0.32298	0.00998	0.00763	31	0.35	1%	0
035.41	Sodium, ICP, Dry ash (%)	0123	0.33000	0.02000	0.32298	0.00998	0.00763	31	0.70	1%	0
035.41	Sodium, ICP, Dry ash (%)	0229	0.33000	0.00000	0.32298	0.00998	0.00763	31	0.70	1%	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			
035.41	Sodium, ICP, Dry ash (%)	0407	0.33155	0.00310	0.32298	0.00998	0.00763	31	0.86	1%	0
035.41	Sodium, ICP, Dry ash (%)	0051	0.33860	0.01400	0.32298	0.00998	0.00763	31	1.56	2%	0
035.41	Sodium, ICP, Dry ash (%)	0405	0.34000	0.02000	0.32298	0.00998	0.00763	31	1.70	3%	0
035.41	Sodium, ICP, Dry ash (%)	0720	0.34000	0.02000	0.32298	0.00998	0.00763	31	1.70	3%	0
035.41	Sodium, ICP, Dry ash (%)	0358	0.34000	0.00000	0.32298	0.00998	0.00763	31	1.70	3%	0
035.41	Sodium, ICP, Dry ash (%)	0512	0.34065	0.00370	0.32298	0.00998	0.00763	31	1.77	3%	0
035.42	Sodium, ICP, Open vessel (%)	0366	0.26000	0.00000	0.32328	0.02623	0.01193	19	-2.41	10%	0
035.42	Sodium, ICP, Open vessel (%)	0035	0.28760	0.00180	0.32328	0.02623	0.01193	19	-1.36	6%	0
035.42	Sodium, ICP, Open vessel (%)	0278	0.30000	0.02000	0.32328	0.02623	0.01193	19	-0.89	4%	0
035.42	Sodium, ICP, Open vessel (%)	0613	0.30000	0.02000	0.32328	0.02623	0.01193	19	-0.89	4%	0
035.42	Sodium, ICP, Open vessel (%)	0045	0.30600	0.01800	0.32328	0.02623	0.01193	19	-0.66	3%	0
035.42	Sodium, ICP, Open vessel (%)	0870	0.30915	0.00530	0.32328	0.02623	0.01193	19	-0.54	2%	0
035.42	Sodium, ICP, Open vessel (%)	0042	0.30950	0.00300	0.32328	0.02623	0.01193	19	-0.53	2%	0
035.42	Sodium, ICP, Open vessel (%)	0692	0.31150	0.02100	0.32328	0.02623	0.01193	19	-0.45	2%	0
035.42	Sodium, ICP, Open vessel (%)	0205	0.31850	0.00500	0.32328	0.02623	0.01193	19	-0.18	1%	0
035.42	Sodium, ICP, Open vessel (%)	0693	0.32085	0.02090	0.32328	0.02623	0.01193	19	-0.09	0%	0
035.42	Sodium, ICP, Open vessel (%)	0504	0.32100	0.02000	0.32328	0.02623	0.01193	19	-0.09	0%	0
035.42	Sodium, ICP, Open vessel (%)	0294	0.33500	0.01000	0.32328	0.02623	0.01193	19	0.45	2%	0
035.42	Sodium, ICP, Open vessel (%)	0202	0.34000	0.00000	0.32328	0.02623	0.01193	19	0.64	3%	0
035.42	Sodium, ICP, Open vessel (%)	0265	0.34000	0.00000	0.32328	0.02623	0.01193	19	0.64	3%	0
035.42	Sodium, ICP, Open vessel (%)	0186	0.34450	0.00900	0.32328	0.02623	0.01193	19	0.81	3%	0
035.42	Sodium, ICP, Open vessel (%)	0555	0.35000	0.04000	0.32328	0.02623	0.01193	19	1.02	4%	0
035.42	Sodium, ICP, Open vessel (%)	0560	0.35430	0.01840	0.32328	0.02623	0.01193	19	1.18	5%	0
035.42	Sodium, ICP, Open vessel (%)	0190	0.35500	0.01000	0.32328	0.02623	0.01193	19	1.21	5%	0
035.42	Sodium, ICP, Open vessel (%)	0726	0.35545	0.00430	0.32328	0.02623	0.01193	19	1.23	5%	0
035.43	Sodium, ICP, Microwave (%)	0510	0.26350	0.00300	0.30989	0.01828	0.01211	14	-2.54	7%	0
035.43	Sodium, ICP, Microwave (%)	0168	0.28410	0.01300	0.30989	0.01828	0.01211	14	-1.41	4%	0
035.43	Sodium, ICP, Microwave (%)	0038	0.29650	0.01500	0.30989	0.01828	0.01211	14	-0.73	2%	0
035.43	Sodium, ICP, Microwave (%)	0353	0.30000	0.02000	0.30989	0.01828	0.01211	14	-0.54	2%	0
035.43	Sodium, ICP, Microwave (%)	2102	0.30240	0.03320	0.30989	0.01828	0.01211	14	-0.41	1%	0
035.43	Sodium, ICP, Microwave (%)	0043	0.30500	0.01000	0.30989	0.01828	0.01211	14	-0.27	1%	0
035.43	Sodium, ICP, Microwave (%)	0861	0.30900	0.00600	0.30989	0.01828	0.01211	14	-0.05	0%	0
035.43	Sodium, ICP, Microwave (%)	0098	0.31000	0.02000	0.30989	0.01828	0.01211	14	0.01	0%	0
035.43	Sodium, ICP, Microwave (%)	0629	0.31000	0.00000	0.30989	0.01828	0.01211	14	0.01	0%	0
035.43	Sodium, ICP, Microwave (%)	0918	0.31750	0.00100	0.30989	0.01828	0.01211	14	0.42	1%	0
035.43	Sodium, ICP, Microwave (%)	0297	0.32500	0.01000	0.30989	0.01828	0.01211	14	0.83	2%	0
035.43	Sodium, ICP, Microwave (%)	0675	0.32500	0.01000	0.30989	0.01828	0.01211	14	0.83	2%	0
035.43	Sodium, ICP, Microwave (%)	0964	0.33575	0.02830	0.30989	0.01828	0.01211	14	1.41	4%	0
035.43	Sodium, ICP, Microwave (%)	2094	0.34000	0.00000	0.30989	0.01828	0.01211	14	1.65	5%	0
035.53	Sodium, ICP-MS, Microwave (%)	0199	0.31500	0.01000	0.33150	0.02333	0.15200	3	-0.58	41%	0
035.53	Sodium, ICP-MS, Microwave (%)	0572	0.34800	0.00600	0.33150	0.02333	0.15200	3	-0.57	40%	0
035.53	Sodium, ICP-MS, Microwave (%)	2055	4.3600	0.44000	0.33150	0.02333	0.15200	3	1.15	80%	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			
035.99	Sodium, Miscellaneous (%)	0100	0.36500	0.03000			0.03500	2	-0.71	2%	0
035.99	Sodium, Miscellaneous (%)	2105	0.40000	0.04000			0.03500	2	0.71	2%	0
036.04	Sulfur, LECO (%)	0168	0.32000	0.00200	0.34000	0.01683	0.00950	4	-1.19	3%	0
036.04	Sulfur, LECO (%)	0229	0.33500	0.01000	0.34000	0.01683	0.00950	4	-0.30	1%	0
036.04	Sulfur, LECO (%)	0001	0.34500	0.02600	0.34000	0.01683	0.00950	4	0.30	1%	0
036.04	Sulfur, LECO (%)	0098	0.36000	0.00000	0.34000	0.01683	0.00950	4	1.19	3%	0
036.42	Sulfur, ICP, Open vessel (%)	2089	0.28500	0.03000	0.32380	0.02652	0.01045	21	-1.46	6%	0
036.42	Sulfur, ICP, Open vessel (%)	0278	0.29500	0.01000	0.32380	0.02652	0.01045	21	-1.09	4%	0
036.42	Sulfur, ICP, Open vessel (%)	0366	0.30000	0.00000	0.32380	0.02652	0.01045	21	-0.90	4%	0
036.42	Sulfur, ICP, Open vessel (%)	0613	0.30000	0.04000	0.32380	0.02652	0.01045	21	-0.90	4%	0
036.42	Sulfur, ICP, Open vessel (%)	0045	0.30300	0.01000	0.32380	0.02652	0.01045	21	-0.78	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0870	0.30390	0.01180	0.32380	0.02652	0.01045	21	-0.75	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0164	0.30500	0.01000	0.32380	0.02652	0.01045	21	-0.71	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0708	0.30700	0.01800	0.32380	0.02652	0.01045	21	-0.63	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0357	0.31000	0.00000	0.32380	0.02652	0.01045	21	-0.52	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0407	0.31260	0.00640	0.32380	0.02652	0.01045	21	-0.42	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0693	0.32525	0.01070	0.32380	0.02652	0.01045	21	0.05	0%	0
036.42	Sulfur, ICP, Open vessel (%)	0171	0.33450	0.00300	0.32380	0.02652	0.01045	21	0.40	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0555	0.33500	0.03000	0.32380	0.02652	0.01045	21	0.42	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0186	0.33700	0.00200	0.32380	0.02652	0.01045	21	0.50	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0726	0.33825	0.00110	0.32380	0.02652	0.01045	21	0.55	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0202	0.34000	0.00000	0.32380	0.02652	0.01045	21	0.61	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0294	0.34000	0.00000	0.32380	0.02652	0.01045	21	0.61	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0560	0.34970	0.00640	0.32380	0.02652	0.01045	21	0.98	4%	0
036.42	Sulfur, ICP, Open vessel (%)	0190	0.35500	0.01000	0.32380	0.02652	0.01045	21	1.18	5%	0
036.42	Sulfur, ICP, Open vessel (%)	0037	0.36000	0.00000	0.32380	0.02652	0.01045	21	1.37	6%	0
036.42	Sulfur, ICP, Open vessel (%)	0265	0.38000	0.02000	0.32380	0.02652	0.01045	21	2.12	9%	0
036.43	Sulfur, ICP, Microwave (%)	0038	0.29150	0.00500	0.33346	0.00878	0.00463	8	-4.78	6%	0
036.43	Sulfur, ICP, Microwave (%)	0353	0.30000	0.00000	0.33346	0.00878	0.00463	8	-3.81	5%	0
036.43	Sulfur, ICP, Microwave (%)	0629	0.33000	0.00000	0.33346	0.00878	0.00463	8	-0.39	1%	0
036.43	Sulfur, ICP, Microwave (%)	0098	0.33500	0.01000	0.33346	0.00878	0.00463	8	0.18	0%	0
036.43	Sulfur, ICP, Microwave (%)	0297	0.33500	0.01000	0.33346	0.00878	0.00463	8	0.18	0%	0
036.43	Sulfur, ICP, Microwave (%)	0510	0.33500	0.01000	0.33346	0.00878	0.00463	8	0.18	0%	0
036.43	Sulfur, ICP, Microwave (%)	0027	0.34050	0.00100	0.33346	0.00878	0.00463	8	0.80	1%	0
036.43	Sulfur, ICP, Microwave (%)	0918	0.34550	0.00100	0.33346	0.00878	0.00463	8	1.37	2%	0
036.43	Sulfur, ICP, Microwave (%)	0169	0.34500	0.03000	0.33346	0.00878	0.00463	8	1.32	2%	1
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0563	174.91	0.66500	186.01	8.2482	4.9596	15	-1.35	3%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0590	177.50	7.0000	186.01	8.2482	4.9596	15	-1.03	2%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0629	179.00	0.00000	186.01	8.2482	4.9596	15	-0.85	2%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	2022	181.00	2.0000	186.01	8.2482	4.9596	15	-0.61	1%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0001	181.11	2.6200	186.01	8.2482	4.9596	15	-0.59	1%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0723	182.22	0.00000	186.01	8.2482	4.9596	15	-0.46	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	
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	2062	183.12	2.5594	186.01	8.2482	4.9596	15	-0.35	1%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0354	184.47	2.1100	186.01	8.2482	4.9596	15	-0.19	0%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0868	185.00	2.0000	186.01	8.2482	4.9596	15	-0.12	0%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0505	188.00	4.0000	186.01	8.2482	4.9596	15	0.24	1%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0904	189.68	3.3400	186.01	8.2482	4.9596	15	0.44	1%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0014	196.00	2.0000	186.01	8.2482	4.9596	15	1.21	3%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0689	205.25	29.100	186.01	8.2482	4.9596	15	2.33	5%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0175	213.00	6.0000	186.01	8.2482	4.9596	15	3.27	7%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0529	219.50	11.000	186.01	8.2482	4.9596	15	4.06	9%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0208	203.50	43.000	186.01	8.2482	4.9596	15	2.12	5%	1
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0536	933.13	10.250	186.01	8.2482	4.9596	15	90.58	201%	2
037.32	Zinc, AAS, Open vessel (mg / kg (ppm))	0504	192.45	24.300	194.32	1.6358	10.575	4	-0.56	4%	0
037.32	Zinc, AAS, Open vessel (mg / kg (ppm))	0609	195.00	0.00000	194.32	1.6358	10.575	4	-0.48	4%	0
037.32	Zinc, AAS, Open vessel (mg / kg (ppm))	0038	195.50	1.0000	194.32	1.6358	10.575	4	-0.46	4%	0
037.32	Zinc, AAS, Open vessel (mg / kg (ppm))	0612	259.50	17.000	194.32	1.6358	10.575	4	1.50	12%	0
037.33	Zinc, AAS, Microwave (mg / kg (ppm))	0504	177.25	7.1000			4.6150	2	-0.71	3%	0
037.33	Zinc, AAS, Microwave (mg / kg (ppm))	0948	201.79	2.1300			4.6150	2	0.71	3%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0848	161.32	0.96000	186.92	12.600	6.0828	28	-2.03	7%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0019	163.60	8.8000	186.92	12.600	6.0828	28	-1.85	6%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0164	167.00	2.0000	186.92	12.600	6.0828	28	-1.58	5%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0511	172.00	12.000	186.92	12.600	6.0828	28	-1.18	4%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0695	173.67	5.6420	186.92	12.600	6.0828	28	-1.05	4%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0553	177.00	10.000	186.92	12.600	6.0828	28	-0.79	3%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0208	179.45	9.3000	186.92	12.600	6.0828	28	-0.59	2%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0171	179.50	3.0000	186.92	12.600	6.0828	28	-0.59	2%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0049	180.25	13.350	186.92	12.600	6.0828	28	-0.53	2%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0405	181.00	2.0000	186.92	12.600	6.0828	28	-0.47	2%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0520	181.25	11.050	186.92	12.600	6.0828	28	-0.45	2%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0358	184.75	21.040	186.92	12.600	6.0828	28	-0.17	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0720	186.96	6.8600	186.92	12.600	6.0828	28	0.00	0%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0682	189.00	0.00000	186.92	12.600	6.0828	28	0.17	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0598	189.05	2.5000	186.92	12.600	6.0828	28	0.17	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0011	189.08	0.53500	186.92	12.600	6.0828	28	0.17	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0148	189.50	3.4000	186.92	12.600	6.0828	28	0.20	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0407	190.95	3.3500	186.92	12.600	6.0828	28	0.32	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	2089	190.99	0.92000	186.92	12.600	6.0828	28	0.32	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0425	192.75	5.3000	186.92	12.600	6.0828	28	0.46	2%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0051	192.78	1.1000	186.92	12.600	6.0828	28	0.47	2%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0004	194.00	24.000	186.92	12.600	6.0828	28	0.56	2%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0512	198.50	5.2000	186.92	12.600	6.0828	28	0.92	3%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0083	201.00	4.0000	186.92	12.600	6.0828	28	1.12	4%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0229	202.00	0.00000	186.92	12.600	6.0828	28	1.20	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	
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	2012	202.81	2.3100	186.92	12.600	6.0828	28	1.26	4%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0074	203.50	3.0000	186.92	12.600	6.0828	28	1.32	4%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0098	211.75	8.7000	186.92	12.600	6.0828	28	1.97	7%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0026	0.01550	0.00100	187.01	19.900	7.1421	21	-9.40	50%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0870	64.845	3.6900	187.01	19.900	7.1421	21	-6.14	33%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0692	162.50	33.000	187.01	19.900	7.1421	21	-1.23	7%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0613	166.25	3.7000	187.01	19.900	7.1421	21	-1.04	6%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0278	169.35	3.5000	187.01	19.900	7.1421	21	-0.89	5%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0294	177.88	1.7600	187.01	19.900	7.1421	21	-0.46	2%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0045	182.50	3.0000	187.01	19.900	7.1421	21	-0.23	1%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0357	182.50	3.0000	187.01	19.900	7.1421	21	-0.23	1%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0413	184.50	1.0000	187.01	19.900	7.1421	21	-0.13	1%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0555	185.00	10.000	187.01	19.900	7.1421	21	-0.10	1%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0037	185.05	1.5000	187.01	19.900	7.1421	21	-0.10	1%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0693	190.87	13.283	187.01	19.900	7.1421	21	0.19	1%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0035	191.55	3.7000	187.01	19.900	7.1421	21	0.23	1%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0560	194.25	8.9000	187.01	19.900	7.1421	21	0.36	2%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0190	196.28	0.95000	187.01	19.900	7.1421	21	0.47	2%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0265	199.50	23.000	187.01	19.900	7.1421	21	0.63	3%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0366	201.50	13.000	187.01	19.900	7.1421	21	0.73	4%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0202	204.01	2.0000	187.01	19.900	7.1421	21	0.85	5%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0726	211.00	12.000	187.01	19.900	7.1421	21	1.21	6%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	2053	211.50	5.0000	187.01	19.900	7.1421	21	1.23	7%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0186	264.00	4.0000	187.01	19.900	7.1421	21	3.87	21%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0042	224.50	39.000	187.01	19.900	7.1421	21	1.88	10%	1
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0353	131.00	2.0000	185.32	10.620	7.3718	17	-5.11	15%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0968	168.50	1.0000	185.32	10.620	7.3718	17	-1.58	5%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	2023	172.00	2.0000	185.32	10.620	7.3718	17	-1.25	4%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0033	180.00	10.000	185.32	10.620	7.3718	17	-0.50	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0629	180.00	0.00000	185.32	10.620	7.3718	17	-0.50	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0043	180.20	6.2000	185.32	10.620	7.3718	17	-0.48	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0510	181.50	3.0000	185.32	10.620	7.3718	17	-0.36	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0168	183.30	8.2000	185.32	10.620	7.3718	17	-0.19	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0861	183.50	11.000	185.32	10.620	7.3718	17	-0.17	0%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0918	188.59	1.7300	185.32	10.620	7.3718	17	0.31	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0038	189.50	15.000	185.32	10.620	7.3718	17	0.39	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0169	189.50	1.0000	185.32	10.620	7.3718	17	0.39	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0675	195.46	2.5700	185.32	10.620	7.3718	17	0.95	3%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0297	196.00	0.00000	185.32	10.620	7.3718	17	1.01	3%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0964	199.44	13.020	185.32	10.620	7.3718	17	1.33	4%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0028	214.50	47.000	185.32	10.620	7.3718	17	2.75	8%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0098	216.10	1.6000	185.32	10.620	7.3718	17	2.90	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			
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0017	138.00	64.000	185.32	10.620	7.3718	17	-4.46	13%	1
037.44	Zinc, ICP, Dry ash (mg / kg (ppm))	2108	139.71	2.3870			7.6935	2	-0.71	8%	0
037.44	Zinc, ICP, Dry ash (mg / kg (ppm))	2004	191.50	13.000			7.6935	2	0.71	8%	0
037.51	Zinc, ICP-MS, Dry ash (mg / kg (ppm))	0039	184.90	12.892			12.892	1			0
037.52	Zinc, ICP-MS, Open vessel (mg / kg (ppm))	0047	193.75	3.1000			1.5500	2	-0.71	1%	0
037.52	Zinc, ICP-MS, Open vessel (mg / kg (ppm))	0555	200.00	0.00000			1.5500	2	0.71	1%	0
037.53	Zinc, ICP-MS, Microwave (mg / kg (ppm))	2055	156.50	13.000	184.72	21.097	5.9015	4	-1.34	8%	0
037.53	Zinc, ICP-MS, Microwave (mg / kg (ppm))	0199	185.86	2.5500	184.72	21.097	5.9015	4	0.05	0%	0
037.53	Zinc, ICP-MS, Microwave (mg / kg (ppm))	2102	189.04	3.0560	184.72	21.097	5.9015	4	0.20	1%	0
037.53	Zinc, ICP-MS, Microwave (mg / kg (ppm))	0572	207.50	5.0000	184.72	21.097	5.9015	4	1.08	6%	0
037.99	Zinc, Miscellaneous (mg / kg (ppm))	0100	227.50	25.000			25.000	1			0
038.41	Molybdenum, ICP, Dry ash (mg / kg (ppm))	0171	1.1000	0.00000			0.00775	2	-0.71	3%	0
038.41	Molybdenum, ICP, Dry ash (mg / kg (ppm))	0011	1.2333	0.01550			0.00775	2	0.71	3%	0
038.42	Molybdenum, ICP, Open vessel (mg / kg (ppm))	0278	1.0800	0.08000	1.1827	0.12237	0.07260	3	-0.84	4%	0
038.42	Molybdenum, ICP, Open vessel (mg / kg (ppm))	0555	1.1500	0.10000	1.1827	0.12237	0.07260	3	-0.27	1%	0
038.42	Molybdenum, ICP, Open vessel (mg / kg (ppm))	0693	1.3181	0.03780	1.1827	0.12237	0.07260	3	1.11	6%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0169	0.79500	0.03000	0.99500	0.11159	0.08270	6	-1.79	10%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0297	0.93000	0.04000	0.99500	0.11159	0.08270	6	-0.58	3%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0353	0.94500	0.19000	0.99500	0.11159	0.08270	6	-0.45	3%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0038	1.0500	0.10000	0.99500	0.11159	0.08270	6	0.49	3%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0510	1.0500	0.10000	0.99500	0.11159	0.08270	6	0.49	3%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0964	1.4251	0.03620	0.99500	0.11159	0.08270	6	3.85	22%	0
038.52	Molybdenum, ICP-MS, Open vessel (mg / kg (ppm))	0555	1.3000	0.00000			0.00000	1			0
038.53	Molybdenum, ICP-MS, Microwave (mg / kg (ppm))	0098	1.0320	0.01400	1.2376	0.12667	0.06646	5	-1.62	8%	0
038.53	Molybdenum, ICP-MS, Microwave (mg / kg (ppm))	2023	1.2050	0.01000	1.2376	0.12667	0.06646	5	-0.26	1%	0
038.53	Molybdenum, ICP-MS, Microwave (mg / kg (ppm))	0918	1.2809	0.00830	1.2376	0.12667	0.06646	5	0.34	2%	0
038.53	Molybdenum, ICP-MS, Microwave (mg / kg (ppm))	0553	1.3350	0.03000	1.2376	0.12667	0.06646	5	0.77	4%	0
038.53	Molybdenum, ICP-MS, Microwave (mg / kg (ppm))	2055	1.3350	0.27000	1.2376	0.12667	0.06646	5	0.77	4%	0
038.53	Molybdenum, ICP-MS, Microwave (mg / kg (ppm))	0168	0.00000	0.00000	1.2376	0.12667	0.06646	5	-9.77	50%	4
040.42	Barium, ICP, Open vessel (mg / kg (ppm))	0560	8.1150	0.93000			0.93000	1			0
040.52	Barium, ICP-MS, Open vessel (mg / kg (ppm))	0555	8.0000	1.0000			1.0000	1			0
040.53	Barium, ICP-MS, Microwave (mg / kg (ppm))	0918	7.6330	0.15400			0.15400	1			0
041.52	Vanadium, ICP-MS, Open vessel (mg / kg (ppm))	0555	0.35500	0.01000			0.01000	1			0
041.53	Vanadium, ICP-MS, Microwave (mg / kg (ppm))	0553	0.45500	0.06200				1			0
041.53	Vanadium, ICP-MS, Microwave (mg / kg (ppm))	0168	0.00000	0.00000				1			4
042.00	Chloride, Titrimetric (%)	2012	0.48500	0.01000			0.00500	2	-0.71	0%	0
042.00	Chloride, Titrimetric (%)	0297	0.49000	0.00000			0.00500	2	0.71	0%	0
042.99	Chloride, Miscellaneous (%)	0613	0.93000	0.10000			0.10000	1			0
101.01	Choline Chloride, Chem (mg / kg (ppm))	0939	1,615.5	57.000	1,657.9	47.977	29.347	3	-0.88	1%	0
101.01	Choline Chloride, Chem (mg / kg (ppm))	2102	1,648.3	11.040	1,657.9	47.977	29.347	3	-0.20	0%	0
101.01	Choline Chloride, Chem (mg / kg (ppm))	2004	1,710.0	20.000	1,657.9	47.977	29.347	3	1.08	2%	0
101.02	Choline Chloride, LC (mg / kg (ppm))	0904	0.20000	0.08000			100.04	2	-0.71	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			
101.02	Choline Chloride, LC (mg / kg (ppm))	0227	2,300.0	200.00			100.04	2	0.71	50%	0
102.01	Niacin, Microbiological (mg / kg (ppm))	0227	95.800	2.0000			2.0000	1			0
102.02	Niacin, LC (mg / kg (ppm))	0939	91.960	6.1600			6.1600	1			0
103.01	Pantothenic Acid, Microbiological (mg / kg (ppm))	0227	75.150	2.5000			2.5000	1			0
103.02	Pantothenic Acid, LC (mg / kg (ppm))	0904	66.960	0.06000	102.57	48.652	0.09000	3	-0.73	17%	0
103.02	Pantothenic Acid, LC (mg / kg (ppm))	0939	82.735	0.21000	102.57	48.652	0.09000	3	-0.41	10%	0
103.02	Pantothenic Acid, LC (mg / kg (ppm))	0629	158.00	0.00000	102.57	48.652	0.09000	3	1.14	27%	0
104.00	Riboflavin, Fluorometric (mg / kg (ppm))	0227	11.900	0.80000			0.45000	2	-0.71	6%	0
104.00	Riboflavin, Fluorometric (mg / kg (ppm))	0171	15.250	0.10000			0.45000	2	0.71	6%	0
104.03	Riboflavin, LC (mg / kg (ppm))	0904	11.945	0.35000			0.40000	2	-0.71	9%	0
104.03	Riboflavin, LC (mg / kg (ppm))	2023	17.005	0.45000			0.40000	2	0.71	9%	0
105.00	Thiamine, LC (mg / kg (ppm))	2023	21.325	0.35000	30.405	11.886	0.11667	3	-0.61	11%	0
105.00	Thiamine, LC (mg / kg (ppm))	0629	22.000	0.00000	30.405	11.886	0.11667	3	-0.54	10%	0
105.00	Thiamine, LC (mg / kg (ppm))	0904	38.810	0.00000	30.405	11.886	0.11667	3	1.15	21%	0
105.01	Thiamine, Fluorometer (mg / kg (ppm))	0227	28.950	1.7000			1.7000	1			0
106.01	Vitamin A, UV (KU / kg)	0098	38.700	6.6000			6.6000	1			0
106.02	Vitamin A, LC (KU / kg)	0555	10.500	0.40000	28.515	7.9454	1.6835	17	-2.27	32%	0
106.02	Vitamin A, LC (KU / kg)	0905	17.013	5.9670	28.515	7.9454	1.6835	17	-1.45	20%	0
106.02	Vitamin A, LC (KU / kg)	0921	21.220	0.00000	28.515	7.9454	1.6835	17	-0.92	13%	0
106.02	Vitamin A, LC (KU / kg)	0227	22.950	0.10000	28.515	7.9454	1.6835	17	-0.70	10%	0
106.02	Vitamin A, LC (KU / kg)	0004	24.375	0.01000	28.515	7.9454	1.6835	17	-0.52	7%	0
106.02	Vitamin A, LC (KU / kg)	0199	25.730	0.20000	28.515	7.9454	1.6835	17	-0.35	5%	0
106.02	Vitamin A, LC (KU / kg)	0563	26.387	0.29690	28.515	7.9454	1.6835	17	-0.27	4%	0
106.02	Vitamin A, LC (KU / kg)	2102	27.474	4.5450	28.515	7.9454	1.6835	17	-0.13	2%	0
106.02	Vitamin A, LC (KU / kg)	0676	27.925	0.11000	28.515	7.9454	1.6835	17	-0.07	1%	0
106.02	Vitamin A, LC (KU / kg)	2004	28.200	0.40000	28.515	7.9454	1.6835	17	-0.04	1%	0
106.02	Vitamin A, LC (KU / kg)	0861	29.150	0.90000	28.515	7.9454	1.6835	17	0.08	1%	0
106.02	Vitamin A, LC (KU / kg)	0148	33.585	0.07000	28.515	7.9454	1.6835	17	0.64	9%	0
106.02	Vitamin A, LC (KU / kg)	0904	34.410	7.2000	28.515	7.9454	1.6835	17	0.74	10%	0
106.02	Vitamin A, LC (KU / kg)	0610	34.850	1.1000	28.515	7.9454	1.6835	17	0.80	11%	0
106.02	Vitamin A, LC (KU / kg)	2023	36.450	3.7000	28.515	7.9454	1.6835	17	1.00	14%	0
106.02	Vitamin A, LC (KU / kg)	0033	38.000	2.0000	28.515	7.9454	1.6835	17	1.19	17%	0
106.02	Vitamin A, LC (KU / kg)	0675	43.700	1.6200	28.515	7.9454	1.6835	17	1.91	27%	0
106.02	Vitamin A, LC (KU / kg)	0051	35,687	1,865.0	28.515	7.9454	1.6835	17	4487.89	62526%	2
107.00	Vitamin B12, Microbiological (µg / kg (ppb))	0227	174.50	9.0000			9.0000	1			0
108.01	Vitamin D3, LC, AOAC (KU / kg)	2023	1.7000	0.44000			0.44000	1			0
108.02	Vitamin D3, LC (KU / kg)	0904	1.8550	0.07000	5.6651	4.7591	0.35340	5	-0.80	34%	0
108.02	Vitamin D3, LC (KU / kg)	2102	2.1105	0.19700	5.6651	4.7591	0.35340	5	-0.75	31%	0
108.02	Vitamin D3, LC (KU / kg)	0227	2.9250	0.29000	5.6651	4.7591	0.35340	5	-0.58	24%	0
108.02	Vitamin D3, LC (KU / kg)	0675	9.1550	0.97000	5.6651	4.7591	0.35340	5	0.73	31%	0
108.02	Vitamin D3, LC (KU / kg)	0676	12.280	0.24000	5.6651	4.7591	0.35340	5	1.39	58%	0
108.99	Vitamin D3, Miscellaneous (KU / kg)	2004	2.1000	0.26000			0.26000	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	
109.02	Vitamin E, LC (mg / kg (ppm))	0555	75.500	1.0000	174.35	51.995	8.4579	19	-1.90	28%	0
109.02	Vitamin E, LC (mg / kg (ppm))	0563	100.57	0.03490	174.35	51.995	8.4579	19	-1.42	21%	0
109.02	Vitamin E, LC (mg / kg (ppm))	0905	121.00	22.000	174.35	51.995	8.4579	19	-1.03	15%	0
109.02	Vitamin E, LC (mg / kg (ppm))	0027	126.36	24.770	174.35	51.995	8.4579	19	-0.92	14%	0
109.02	Vitamin E, LC (mg / kg (ppm))	0904	139.44	1.9400	174.35	51.995	8.4579	19	-0.67	10%	0
109.02	Vitamin E, LC (mg / kg (ppm))	0590	148.84	0.00000	174.35	51.995	8.4579	19	-0.49	7%	0
109.02	Vitamin E, LC (mg / kg (ppm))	2102	151.89	1.7597	174.35	51.995	8.4579	19	-0.43	6%	0
109.02	Vitamin E, LC (mg / kg (ppm))	0098	159.00	10.000	174.35	51.995	8.4579	19	-0.30	4%	0
109.02	Vitamin E, LC (mg / kg (ppm))	0208	162.63	13.666	174.35	51.995	8.4579	19	-0.23	3%	0
109.02	Vitamin E, LC (mg / kg (ppm))	0676	169.66	2.2200	174.35	51.995	8.4579	19	-0.09	1%	0
109.02	Vitamin E, LC (mg / kg (ppm))	2103	183.50	7.0000	174.35	51.995	8.4579	19	0.18	3%	0
109.02	Vitamin E, LC (mg / kg (ppm))	2023	192.85	13.100	174.35	51.995	8.4579	19	0.36	5%	0
109.02	Vitamin E, LC (mg / kg (ppm))	0199	206.30	15.000	174.35	51.995	8.4579	19	0.61	9%	0
109.02	Vitamin E, LC (mg / kg (ppm))	0148	210.79	11.610	174.35	51.995	8.4579	19	0.70	10%	0
109.02	Vitamin E, LC (mg / kg (ppm))	0227	217.00	6.0000	174.35	51.995	8.4579	19	0.82	12%	0
109.02	Vitamin E, LC (mg / kg (ppm))	0610	217.00	4.0000	174.35	51.995	8.4579	19	0.82	12%	0
109.02	Vitamin E, LC (mg / kg (ppm))	0861	225.00	10.000	174.35	51.995	8.4579	19	0.97	15%	0
109.02	Vitamin E, LC (mg / kg (ppm))	0675	232.10	0.20000	174.35	51.995	8.4579	19	1.11	17%	0
109.02	Vitamin E, LC (mg / kg (ppm))	0946	261.00	16.400	174.35	51.995	8.4579	19	1.67	25%	0
109.02	Vitamin E, LC (mg / kg (ppm))	2053	870.00	2.0000	174.35	51.995	8.4579	19	13.38	200%	2
111.00	Vitamin C, phosphorylated, LC (mg / kg (ppm))	0904	29.190	0.28000			0.28000	1			0
111.99	Vitamin C, phosphorylated, Miscellaneous (mg / kg (ppm))	0208	9.1050	2.3900			2.3900	1			0
112.00	Pyridoxine, Vitamin B6 (µg / g)	0904	6.7600	0.94000			0.94000	1			0
113.01	Folic Acid, Micro (mg / kg (ppm))	0227	2.0250	0.17000			0.17000	1			0
114.01	Biotin, Microbiological (mg / kg (ppm))	0227	0.40300	0.00400			0.00400	1			0
118.99	Peroxide value, Miscellaneous (meq/kg)	2036	7.6800	0.58000			0.58000	1			0
120.00	Alanine, Post-col Ninhydrin Der (%)	2022	1.2550	0.03000	1.3439	0.03345	0.01491	15	-2.66	3%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0652	1.2900	0.02000	1.3439	0.03345	0.01491	15	-1.61	2%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0644	1.3155	0.00500	1.3439	0.03345	0.01491	15	-0.85	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0859	1.3205	0.03100	1.3439	0.03345	0.01491	15	-0.70	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0504	1.3350	0.01000	1.3439	0.03345	0.01491	15	-0.27	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	2059	1.3365	0.00900	1.3439	0.03345	0.01491	15	-0.22	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0968	1.3375	0.01100	1.3439	0.03345	0.01491	15	-0.19	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0227	1.3400	0.00000	1.3439	0.03345	0.01491	15	-0.12	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0872	1.3422	0.00250	1.3439	0.03345	0.01491	15	-0.05	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0571	1.3535	0.03100	1.3439	0.03345	0.01491	15	0.29	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0675	1.3550	0.01000	1.3439	0.03345	0.01491	15	0.33	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0870	1.3796	0.00940	1.3439	0.03345	0.01491	15	1.07	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0868	1.3850	0.01000	1.3439	0.03345	0.01491	15	1.23	2%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0684	1.4040	0.01000	1.3439	0.03345	0.01491	15	1.80	2%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0918	1.4916	0.03470	1.3439	0.03345	0.01491	15	4.41	5%	0
120.01	Alanine, Pre-col OPA Der (%)	0297	1.2655	0.03900			0.03900	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			
120.02	Alanine, Post-col OPA Der (%)	0676	1.3130	0.09000			0.05250	2	-0.71	0%	0
120.02	Alanine, Post-col OPA Der (%)	0098	1.3165	0.01500			0.05250	2	0.71	0%	0
120.05	Alanine, Pre-col AQC Der (%)	0626	1.2730	0.02400			0.05950	2	-0.71	1%	0
120.05	Alanine, Pre-col AQC Der (%)	0676	1.3375	0.09500			0.05950	2	0.71	1%	0
120.99	Alanine, Miscellaneous (%)	0904	1.5100	0.06000			0.06000	1			0
121.00	Arginine, Post-col Ninhydrin Der (%)	0870	1.6243	0.04510	1.7535	0.07211	0.01659	15	-1.79	4%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0968	1.6580	0.01800	1.7535	0.07211	0.01659	15	-1.32	3%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0859	1.7000	0.03800	1.7535	0.07211	0.01659	15	-0.74	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0504	1.7100	0.00000	1.7535	0.07211	0.01659	15	-0.60	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0227	1.7200	0.02000	1.7535	0.07211	0.01659	15	-0.46	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	2022	1.7250	0.01000	1.7535	0.07211	0.01659	15	-0.40	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0684	1.7440	0.01200	1.7535	0.07211	0.01659	15	-0.13	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0644	1.7490	0.00400	1.7535	0.07211	0.01659	15	-0.06	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0872	1.7499	0.01570	1.7535	0.07211	0.01659	15	-0.05	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0652	1.7700	0.00000	1.7535	0.07211	0.01659	15	0.23	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0868	1.8050	0.01000	1.7535	0.07211	0.01659	15	0.71	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	2059	1.8095	0.01300	1.7535	0.07211	0.01659	15	0.78	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0571	1.8140	0.03200	1.7535	0.07211	0.01659	15	0.84	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0918	1.8448	0.02100	1.7535	0.07211	0.01659	15	1.27	3%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0675	1.8650	0.01000	1.7535	0.07211	0.01659	15	1.55	3%	0
121.01	Arginine, Pre-col OPA Der (%)	0297	1.7345	0.04900			0.04900	1			0
121.02	Arginine, Post-col OPA Der (%)	0098	1.6525	0.00100			0.07150	2	-0.71	3%	0
121.02	Arginine, Post-col OPA Der (%)	0676	1.8410	0.14200			0.07150	2	0.71	3%	0
121.05	Arginine, Pre-col AQC Der (%)	0626	1.7475	0.10700			0.11950	2	-0.71	1%	0
121.05	Arginine, Pre-col AQC Der (%)	0676	1.8550	0.13200			0.11950	2	0.71	1%	0
121.99	Arginine, Miscellaneous (%)	0904	1.7150	0.03000			0.03000	1			0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0504	2.2650	0.01000	2.4109	0.04100	0.02838	15	-3.56	3%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0859	2.3640	0.05000	2.4109	0.04100	0.02838	15	-1.14	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0868	2.3800	0.02000	2.4109	0.04100	0.02838	15	-0.75	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0644	2.3840	0.01400	2.4109	0.04100	0.02838	15	-0.66	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0968	2.3910	0.01600	2.4109	0.04100	0.02838	15	-0.49	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0675	2.3950	0.01000	2.4109	0.04100	0.02838	15	-0.39	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	2022	2.3950	0.03000	2.4109	0.04100	0.02838	15	-0.39	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0872	2.4048	0.00540	2.4109	0.04100	0.02838	15	-0.15	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	2059	2.4100	0.01600	2.4109	0.04100	0.02838	15	-0.02	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0652	2.4250	0.05000	2.4109	0.04100	0.02838	15	0.34	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0227	2.4300	0.00000	2.4109	0.04100	0.02838	15	0.47	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0571	2.4550	0.03600	2.4109	0.04100	0.02838	15	1.08	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0870	2.4669	0.01440	2.4109	0.04100	0.02838	15	1.37	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0684	2.5315	0.04300	2.4109	0.04100	0.02838	15	2.94	3%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0918	2.6879	0.11090	2.4109	0.04100	0.02838	15	6.75	6%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0160	1.6235	0.29830	2.4109	0.04100	0.02838	15	-19.20	16%	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			
122.01	Aspartic, Pre-col OPA Der (%)	0297	2.3415	0.04500			0.04500	1			0
122.02	Aspartic, Post-col OPA Der (%)	0098	2.4230	0.01800			0.07450	2	-0.71	1%	0
122.02	Aspartic, Post-col OPA Der (%)	0676	2.5175	0.13100			0.07450	2	0.71	1%	0
122.05	Aspartic, Pre-col AQC Der (%)	0626	2.4640	0.04000			0.07550	2	-0.71	1%	0
122.05	Aspartic, Pre-col AQC Der (%)	0676	2.5255	0.11100			0.07550	2	0.71	1%	0
122.99	Aspartic, Miscellaneous (%)	0904	2.2250	0.11000			0.11000	1			0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0918	0.24165	0.00270	0.27589	0.01835	0.00573	14	-1.87	6%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0684	0.25750	0.00500	0.27589	0.01835	0.00573	14	-1.00	3%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	2022	0.26000	0.00000	0.27589	0.01835	0.00573	14	-0.87	3%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0868	0.26250	0.00500	0.27589	0.01835	0.00573	14	-0.73	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0504	0.26500	0.01000	0.27589	0.01835	0.00573	14	-0.59	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0644	0.27000	0.00000	0.27589	0.01835	0.00573	14	-0.32	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0652	0.27500	0.01000	0.27589	0.01835	0.00573	14	-0.05	0%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0870	0.27670	0.00460	0.27589	0.01835	0.00573	14	0.04	0%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0859	0.28150	0.00100	0.27589	0.01835	0.00573	14	0.31	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0872	0.28595	0.00490	0.27589	0.01835	0.00573	14	0.55	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0571	0.28950	0.00900	0.27589	0.01835	0.00573	14	0.74	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0675	0.29000	0.02000	0.27589	0.01835	0.00573	14	0.77	3%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0968	0.29700	0.00200	0.27589	0.01835	0.00573	14	1.15	4%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	2059	0.30500	0.00600	0.27589	0.01835	0.00573	14	1.59	5%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0227	0.28500	0.03000	0.27589	0.01835	0.00573	14	0.50	2%	1
124.01	Cysteine/Cystine, PAO Pre-col OPA Der (%)	0297	0.27100	0.00600			0.00600	1			0
124.02	Cysteine/Cystine, PAO Post-col OPA Der (%)	0098	0.30600	0.00200			0.00200	1			0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0676	0.29000	0.01600			0.01600	1			0
124.99	Cysteine/Cystine, Miscellaneous (%)	0904	0.45000	0.08000			0.08000	1			0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0859	3.3895	0.07700	3.5093	0.08337	0.04686	15	-1.44	2%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0504	3.4100	0.06000	3.5093	0.08337	0.04686	15	-1.19	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	2059	3.4365	0.00900	3.5093	0.08337	0.04686	15	-0.87	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0968	3.4565	0.02100	3.5093	0.08337	0.04686	15	-0.63	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0227	3.4650	0.03000	3.5093	0.08337	0.04686	15	-0.53	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0571	3.4755	0.10900	3.5093	0.08337	0.04686	15	-0.41	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0644	3.4870	0.01800	3.5093	0.08337	0.04686	15	-0.27	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0652	3.4900	0.08000	3.5093	0.08337	0.04686	15	-0.23	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0872	3.5275	0.02330	3.5093	0.08337	0.04686	15	0.22	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0868	3.5350	0.05000	3.5093	0.08337	0.04686	15	0.31	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	2022	3.5450	0.03000	3.5093	0.08337	0.04686	15	0.43	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0870	3.5948	0.01460	3.5093	0.08337	0.04686	15	1.03	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0675	3.6300	0.06000	3.5093	0.08337	0.04686	15	1.45	2%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0684	3.6775	0.11300	3.5093	0.08337	0.04686	15	2.02	2%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0918	3.7354	0.00800	3.5093	0.08337	0.04686	15	2.71	3%	0
125.01	Glutamic, Pre-col OPA Der (%)	0297	3.4610	0.06200			0.06200	1			0
125.02	Glutamic, Post-col OPA Der (%)	0676	3.3445	0.15100			0.08250	2	-0.71	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			
125.02	Glutamic, Post-col OPA Der (%)	0098	3.3730	0.01400			0.08250	2	0.71	0%	0
125.05	Glutamic, Pre-col AQC Der (%)	0626	3.5450	0.04800			0.15200	2	-0.71	0%	0
125.05	Glutamic, Pre-col AQC Der (%)	0676	3.5570	0.25600			0.15200	2	0.71	0%	0
125.99	Glutamic, Miscellaneous (%)	0904	3.4300	0.14000			0.14000	1			0
126.00	Glycine, Post-col Ninhydrin Der (%)	2022	1.7200	0.02000	1.7705	0.03162	0.01737	15	-1.60	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0652	1.7300	0.00000	1.7705	0.03162	0.01737	15	-1.28	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0859	1.7350	0.03800	1.7705	0.03162	0.01737	15	-1.12	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0504	1.7500	0.04000	1.7705	0.03162	0.01737	15	-0.65	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0872	1.7539	0.01690	1.7705	0.03162	0.01737	15	-0.53	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0644	1.7600	0.00400	1.7705	0.03162	0.01737	15	-0.33	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0968	1.7650	0.01000	1.7705	0.03162	0.01737	15	-0.17	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	2059	1.7755	0.00700	1.7705	0.03162	0.01737	15	0.16	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0227	1.7800	0.00000	1.7705	0.03162	0.01737	15	0.30	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0868	1.7800	0.02000	1.7705	0.03162	0.01737	15	0.30	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0571	1.7825	0.04700	1.7705	0.03162	0.01737	15	0.38	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0684	1.7970	0.01800	1.7705	0.03162	0.01737	15	0.84	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0870	1.7986	0.01100	1.7705	0.03162	0.01737	15	0.89	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0675	1.8050	0.01000	1.7705	0.03162	0.01737	15	1.09	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0918	1.9013	0.01870	1.7705	0.03162	0.01737	15	4.13	4%	0
126.01	Glycine, Pre-col OPA Der (%)	0297	1.7435	0.09300			0.09300	1			0
126.02	Glycine, Post-col OPA Der (%)	0676	1.7070	0.15000			0.08650	2	-0.71	0%	0
126.02	Glycine, Post-col OPA Der (%)	0098	1.7105	0.02300			0.08650	2	0.71	0%	0
126.05	Glycine, Pre-col AQC Der (%)	0626	1.8090	0.04400			0.11450	2	-0.71	0%	0
126.05	Glycine, Pre-col AQC Der (%)	0676	1.8135	0.18500			0.11450	2	0.71	0%	0
126.99	Glycine, Miscellaneous (%)	0904	1.5900	0.00000			0.00000	1			0
127.00	Histidine, Post-col Ninhydrin Der (%)	2022	0.49500	0.01000	0.53621	0.03033	0.00867	15	-1.36	4%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0504	0.50000	0.02000	0.53621	0.03033	0.00867	15	-1.19	3%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0868	0.51150	0.00300	0.53621	0.03033	0.00867	15	-0.81	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0652	0.51500	0.01000	0.53621	0.03033	0.00867	15	-0.70	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0859	0.51850	0.01300	0.53621	0.03033	0.00867	15	-0.58	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0571	0.52950	0.00300	0.53621	0.03033	0.00867	15	-0.22	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0644	0.52950	0.00500	0.53621	0.03033	0.00867	15	-0.22	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0968	0.53400	0.00400	0.53621	0.03033	0.00867	15	-0.07	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0227	0.53500	0.01000	0.53621	0.03033	0.00867	15	-0.04	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0870	0.53595	0.00230	0.53621	0.03033	0.00867	15	-0.01	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0872	0.55575	0.01450	0.53621	0.03033	0.00867	15	0.64	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0684	0.55700	0.01200	0.53621	0.03033	0.00867	15	0.69	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	2059	0.56850	0.00100	0.53621	0.03033	0.00867	15	1.06	3%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0918	0.57630	0.02220	0.53621	0.03033	0.00867	15	1.32	4%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0675	0.72000	0.00000	0.53621	0.03033	0.00867	15	6.06	17%	0
127.01	Histidine, Pre-col OPA Der (%)	0297	0.56700	0.00400			0.00400	1			0
127.02	Histidine, Post-col OPA Der (%)	0098	0.53650	0.00500			0.00400	2	-0.71	3%	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			
127.02	Histidine, Post-col OPA Der (%)	0676	0.60350	0.00300			0.00400	2	0.71	3%	0
127.05	Histidine, Pre-col AQC Der (%)	0626	0.55300	0.00800			0.00800	1			0
127.99	Histidine, Miscellaneous (%)	0904	0.51000	0.00000			0.00000	1			0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	2022	0.84000	0.00000	0.92336	0.03610	0.00998	14	-2.31	5%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0675	0.87500	0.01000	0.92336	0.03610	0.00998	14	-1.34	3%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0684	0.89800	0.00000	0.92336	0.03610	0.00998	14	-0.70	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	2059	0.89950	0.01100	0.92336	0.03610	0.00998	14	-0.66	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0652	0.91000	0.02000	0.92336	0.03610	0.00998	14	-0.37	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0968	0.91550	0.01100	0.92336	0.03610	0.00998	14	-0.22	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0859	0.92250	0.02100	0.92336	0.03610	0.00998	14	-0.02	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0872	0.92475	0.02090	0.92336	0.03610	0.00998	14	0.04	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0227	0.93000	0.00000	0.92336	0.03610	0.00998	14	0.18	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0870	0.93420	0.00700	0.92336	0.03610	0.00998	14	0.30	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0571	0.94600	0.02200	0.92336	0.03610	0.00998	14	0.63	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0644	0.94900	0.00000	0.92336	0.03610	0.00998	14	0.71	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0918	0.98540	0.00280	0.92336	0.03610	0.00998	14	1.72	3%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0868	0.98700	0.01400	0.92336	0.03610	0.00998	14	1.76	3%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0504	0.83500	0.05000	0.92336	0.03610	0.00998	14	-2.45	5%	1
128.01	Isoleucine, Pre-col OPA Der (%)	0297	0.88500	0.05000			0.05000	1			0
128.02	Isoleucine, Post-col OPA Der (%)	0676	0.94800	0.05200			0.03150	2	-0.71	0%	0
128.02	Isoleucine, Post-col OPA Der (%)	0098	0.94850	0.01100			0.03150	2	0.71	0%	0
128.05	Isoleucine, Pre-col AQC Der (%)	0626	0.93300	0.02000			0.04050	2	-0.71	2%	0
128.05	Isoleucine, Pre-col AQC Der (%)	0676	1.0165	0.06100			0.04050	2	0.71	2%	0
128.99	Isoleucine, Miscellaneous (%)	0904	0.94000	0.14000			0.14000	1			0
129.00	Leucine, Post-col Ninhydrin Der (%)	2022	1.6350	0.01000	1.7006	0.03568	0.02153	15	-1.84	2%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0872	1.6716	0.00780	1.7006	0.03568	0.02153	15	-0.81	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0504	1.6750	0.03000	1.7006	0.03568	0.02153	15	-0.72	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0652	1.6750	0.03000	1.7006	0.03568	0.02153	15	-0.72	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0870	1.6759	0.03200	1.7006	0.03568	0.02153	15	-0.69	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0859	1.6840	0.04200	1.7006	0.03568	0.02153	15	-0.46	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0227	1.6850	0.01000	1.7006	0.03568	0.02153	15	-0.44	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0644	1.7015	0.02100	1.7006	0.03568	0.02153	15	0.03	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0675	1.7050	0.01000	1.7006	0.03568	0.02153	15	0.12	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0968	1.7075	0.02300	1.7006	0.03568	0.02153	15	0.19	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0868	1.7150	0.01000	1.7006	0.03568	0.02153	15	0.40	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	2059	1.7220	0.00800	1.7006	0.03568	0.02153	15	0.60	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0571	1.7360	0.03800	1.7006	0.03568	0.02153	15	0.99	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0684	1.7620	0.03400	1.7006	0.03568	0.02153	15	1.72	2%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0918	1.7923	0.01710	1.7006	0.03568	0.02153	15	2.57	3%	0
129.01	Leucine, Pre-col OPA Der (%)	0297	1.6380	0.03200			0.03200	1			0
129.02	Leucine, Post-col OPA Der (%)	0098	1.7205	0.00300			0.05100	2	-0.71	0%	0
129.02	Leucine, Post-col OPA Der (%)	0676	1.7265	0.09900			0.05100	2	0.71	0%	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			
129.05	Leucine, Pre-col AQC Der (%)	0626	1.6860	0.02400			0.05950	2	-0.71	1%	0
129.05	Leucine, Pre-col AQC Der (%)	0676	1.7545	0.09500			0.05950	2	0.71	1%	0
129.99	Leucine, Miscellaneous (%)	0904	1.5300	0.20000			0.20000	1			0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	2022	1.4850	0.01000	1.5562	0.04157	0.01863	15	-1.71	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0872	1.5077	0.00450	1.5562	0.04157	0.01863	15	-1.17	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0652	1.5200	0.00000	1.5562	0.04157	0.01863	15	-0.87	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0644	1.5235	0.00700	1.5562	0.04157	0.01863	15	-0.79	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0968	1.5270	0.00000	1.5562	0.04157	0.01863	15	-0.70	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	2059	1.5505	0.01100	1.5562	0.04157	0.01863	15	-0.14	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0859	1.5560	0.04000	1.5562	0.04157	0.01863	15	0.00	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0504	1.5600	0.02000	1.5562	0.04157	0.01863	15	0.09	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0684	1.5600	0.04000	1.5562	0.04157	0.01863	15	0.09	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0571	1.5625	0.02700	1.5562	0.04157	0.01863	15	0.15	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0868	1.5750	0.01000	1.5562	0.04157	0.01863	15	0.45	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0227	1.5850	0.03000	1.5562	0.04157	0.01863	15	0.69	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0918	1.5980	0.05840	1.5562	0.04157	0.01863	15	1.01	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0675	1.6050	0.01000	1.5562	0.04157	0.01863	15	1.17	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0870	1.6265	0.01150	1.5562	0.04157	0.01863	15	1.69	2%	0
130.01	L-Lysine, Pre-col OPA Der (%)	0297	1.4575	0.06100			0.06100	1			0
130.02	L-Lysine, Post-col OPA Der (%)	0676	1.5655	0.02300			0.02100	2	-0.71	0%	0
130.02	L-Lysine, Post-col OPA Der (%)	0098	1.5805	0.01900			0.02100	2	0.71	0%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0626	1.5170	0.03200	1.5742	0.05349	0.04100	3	-1.07	2%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0676	1.5825	0.09100	1.5742	0.05349	0.04100	3	0.16	0%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0723	1.6230	0.00000	1.5742	0.05349	0.04100	3	0.91	2%	0
130.99	L-Lysine, Miscellaneous (%)	0904	1.5700	0.38000			0.38000	1			0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0684	0.29900	0.00800	0.36458	0.03045	0.00915	15	-2.15	9%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0675	0.31500	0.01000	0.36458	0.03045	0.00915	15	-1.63	7%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	2059	0.34250	0.00500	0.36458	0.03045	0.00915	15	-0.73	3%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0504	0.34500	0.01000	0.36458	0.03045	0.00915	15	-0.64	3%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0872	0.35330	0.00620	0.36458	0.03045	0.00915	15	-0.37	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0652	0.35500	0.01000	0.36458	0.03045	0.00915	15	-0.31	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	2022	0.35500	0.01000	0.36458	0.03045	0.00915	15	-0.31	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0968	0.36550	0.00500	0.36458	0.03045	0.00915	15	0.03	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0859	0.36900	0.01000	0.36458	0.03045	0.00915	15	0.15	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0571	0.37600	0.00200	0.36458	0.03045	0.00915	15	0.38	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0868	0.37800	0.01600	0.36458	0.03045	0.00915	15	0.44	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0870	0.38685	0.00290	0.36458	0.03045	0.00915	15	0.73	3%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0227	0.39500	0.03000	0.36458	0.03045	0.00915	15	1.00	4%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0918	0.39745	0.00510	0.36458	0.03045	0.00915	15	1.08	5%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0644	0.42650	0.00700	0.36458	0.03045	0.00915	15	2.03	8%	0
131.01	Methionine, PAO Pre-col OPA Der (%)	0297	0.35100	0.00200			0.00200	1			0
131.02	Methionine, PAO Post-col OPA Der (%)	0098	0.36850	0.00100			0.00100	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			
131.05	Methionine, PAO Pre-col AQC Der (%)	0626	0.36450	0.07100			0.07100	1			0
131.99	Methionine, Miscellaneous (%)	0904	0.40000	0.08000			0.08000	1			0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0504	0.99000	0.02000	1.0568	0.02178	0.01189	14	-3.07	3%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0918	1.0320	0.00890	1.0568	0.02178	0.01189	14	-1.14	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0868	1.0400	0.02000	1.0568	0.02178	0.01189	14	-0.77	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0968	1.0435	0.00500	1.0568	0.02178	0.01189	14	-0.61	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0872	1.0478	0.00780	1.0568	0.02178	0.01189	14	-0.41	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	2059	1.0505	0.00100	1.0568	0.02178	0.01189	14	-0.29	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0644	1.0515	0.00700	1.0568	0.02178	0.01189	14	-0.24	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	2022	1.0550	0.01000	1.0568	0.02178	0.01189	14	-0.08	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0227	1.0600	0.00000	1.0568	0.02178	0.01189	14	0.15	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0859	1.0695	0.02300	1.0568	0.02178	0.01189	14	0.58	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0870	1.0749	0.02980	1.0568	0.02178	0.01189	14	0.83	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0684	1.0755	0.01100	1.0568	0.02178	0.01189	14	0.86	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0675	1.0850	0.01000	1.0568	0.02178	0.01189	14	1.29	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0571	1.0905	0.01300	1.0568	0.02178	0.01189	14	1.55	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0652	1.1050	0.11000	1.0568	0.02178	0.01189	14	2.21	2%	1
132.01	Phenylalanine, Pre-col OPA Der (%)	0297	0.99950	0.01700			0.01700	1			0
132.02	Phenylalanine, Post-col OPA Der (%)	0098	1.0620	0.01600			0.03500	2	-0.71	0%	0
132.02	Phenylalanine, Post-col OPA Der (%)	0676	1.0760	0.05400			0.03500	2	0.71	0%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	0626	1.0635	0.01900			0.02350	2	-0.71	0%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	0676	1.0680	0.02800			0.02350	2	0.71	0%	0
132.99	Phenylalanine, Miscellaneous (%)	0904	1.0550	0.05000			0.05000	1			0
133.00	Proline, Post-col Ninhydrin Der (%)	0675	1.2050	0.01000	1.2861	0.02923	0.02295	15	-2.77	3%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0870	1.2360	0.01520	1.2861	0.02923	0.02295	15	-1.71	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0918	1.2591	0.03910	1.2861	0.02923	0.02295	15	-0.93	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0859	1.2665	0.03700	1.2861	0.02923	0.02295	15	-0.67	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0872	1.2735	0.00900	1.2861	0.02923	0.02295	15	-0.43	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0652	1.2800	0.02000	1.2861	0.02923	0.02295	15	-0.21	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	2022	1.2800	0.02000	1.2861	0.02923	0.02295	15	-0.21	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0571	1.2845	0.03300	1.2861	0.02923	0.02295	15	-0.05	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	2059	1.2940	0.00800	1.2861	0.02923	0.02295	15	0.27	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0227	1.2950	0.03000	1.2861	0.02923	0.02295	15	0.30	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0504	1.3000	0.04000	1.2861	0.02923	0.02295	15	0.48	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0968	1.3100	0.01600	1.2861	0.02923	0.02295	15	0.82	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0644	1.3110	0.00400	1.2861	0.02923	0.02295	15	0.85	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0684	1.3615	0.03300	1.2861	0.02923	0.02295	15	2.58	3%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0868	1.3650	0.03000	1.2861	0.02923	0.02295	15	2.70	3%	0
133.05	Proline, Pre-col AQC Der (%)	0626	1.3565	0.01300			0.03200	2	-0.71	0%	0
133.05	Proline, Pre-col AQC Der (%)	0676	1.3765	0.05100			0.03200	2	0.71	0%	0
133.99	Proline, Miscellaneous (%)	0904	1.1800	0.02000			0.02000	1			0
134.00	Serine, Post-col Ninhydrin Der (%)	0644	1.0435	0.01700	1.1005	0.02476	0.01691	14	-2.30	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	
134.00	Serine, Post-col Ninhydrin Der (%)	0918	1.0673	0.04550	1.1005	0.02476	0.01691	14	-1.34	2%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0859	1.0770	0.01800	1.1005	0.02476	0.01691	14	-0.95	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	2059	1.0845	0.01300	1.1005	0.02476	0.01691	14	-0.65	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0652	1.0900	0.04000	1.1005	0.02476	0.01691	14	-0.43	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0968	1.1000	0.00000	1.1005	0.02476	0.01691	14	-0.02	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	2022	1.1000	0.00000	1.1005	0.02476	0.01691	14	-0.02	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0872	1.1002	0.00180	1.1005	0.02476	0.01691	14	-0.01	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0227	1.1050	0.01000	1.1005	0.02476	0.01691	14	0.18	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0868	1.1100	0.02000	1.1005	0.02476	0.01691	14	0.38	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0571	1.1140	0.02800	1.1005	0.02476	0.01691	14	0.54	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0870	1.1266	0.01450	1.1005	0.02476	0.01691	14	1.05	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0675	1.1350	0.01000	1.1005	0.02476	0.01691	14	1.39	2%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0684	1.1835	0.01900	1.1005	0.02476	0.01691	14	3.35	4%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0504	0.94000	0.14000	1.1005	0.02476	0.01691	14	-6.48	7%	1
134.01	Serine, Pre-col OPA Der (%)	0297	1.1640	0.01600			0.01600	1			0
134.02	Serine, Post-col OPA Der (%)	0676	1.0415	0.08700			0.05330	2	-0.71	0%	0
134.02	Serine, Post-col OPA Der (%)	0098	1.0508	0.01960			0.05330	2	0.71	0%	0
134.05	Serine, Pre-col AQC Der (%)	0676	1.0060	0.10000			0.05150	2	-0.71	3%	0
134.05	Serine, Pre-col AQC Der (%)	0626	1.1415	0.00300			0.05150	2	0.71	3%	0
134.99	Serine, Miscellaneous (%)	0904	1.0450	0.01000			0.01000	1			0
135.00	Threonine, Post-col Ninhydrin Der (%)	0504	0.84500	0.01000	0.91578	0.01589	0.01133	15	-4.45	4%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0859	0.88550	0.01900	0.91578	0.01589	0.01133	15	-1.90	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	2059	0.88700	0.00400	0.91578	0.01589	0.01133	15	-1.81	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0652	0.89500	0.01000	0.91578	0.01589	0.01133	15	-1.31	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0675	0.91000	0.00000	0.91578	0.01589	0.01133	15	-0.36	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	2022	0.91000	0.00000	0.91578	0.01589	0.01133	15	-0.36	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0571	0.91400	0.01600	0.91578	0.01589	0.01133	15	-0.11	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0872	0.91755	0.01230	0.91578	0.01589	0.01133	15	0.11	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0644	0.91850	0.00900	0.91578	0.01589	0.01133	15	0.17	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0227	0.92000	0.00000	0.91578	0.01589	0.01133	15	0.27	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0968	0.92450	0.00500	0.91578	0.01589	0.01133	15	0.55	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0868	0.92650	0.03300	0.91578	0.01589	0.01133	15	0.67	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0870	0.93010	0.00360	0.91578	0.01589	0.01133	15	0.90	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0684	0.99150	0.01700	0.91578	0.01589	0.01133	15	4.76	4%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0918	1.0367	0.03100	0.91578	0.01589	0.01133	15	7.61	7%	0
135.01	Threonine, Pre-col OPA Der (%)	0297	0.91000	0.00200			0.00200	1			0
135.02	Threonine, Post-col OPA Der (%)	0098	0.90700	0.00200			0.03250	2	-0.71	0%	0
135.02	Threonine, Post-col OPA Der (%)	0676	0.92050	0.06300			0.03250	2	0.71	0%	0
135.05	Threonine, Pre-col AQC Der (%)	0626	0.85250	0.01100			0.04600	2	-0.71	1%	0
135.05	Threonine, Pre-col AQC Der (%)	0676	0.90350	0.08100			0.04600	2	0.71	1%	0
135.99	Threonine, Miscellaneous (%)	0904	0.92000	0.00000			0.00000	1			0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0870	0.20340	0.01480	0.22786	0.02183	0.00938	4	-1.12	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			
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0918	0.21555	0.00170	0.22786	0.02183	0.00938	4	-0.56	3%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0227	0.24500	0.01000	0.22786	0.02183	0.00938	4	0.79	4%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0684	0.24750	0.01100	0.22786	0.02183	0.00938	4	0.90	4%	0
136.01	Tryptophan, Alka-Hydrol Rev Phase LC UV (%)	0868	0.21000	0.00000	0.22388	0.00957	0.00175	4	-1.45	3%	0
136.01	Tryptophan, Alka-Hydrol Rev Phase LC UV (%)	2059	0.22550	0.00300	0.22388	0.00957	0.00175	4	0.17	0%	0
136.01	Tryptophan, Alka-Hydrol Rev Phase LC UV (%)	0644	0.22850	0.00100	0.22388	0.00957	0.00175	4	0.48	1%	0
136.01	Tryptophan, Alka-Hydrol Rev Phase LC UV (%)	0571	0.23150	0.00300	0.22388	0.00957	0.00175	4	0.80	2%	0
136.02	Tryptophan, Alka-Hydrol Post-col OPA De (%)	0098	0.22000	0.00200			0.00200	1			0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0872	0.22300	0.00200			0.00200	2	-0.71	1%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0859	0.23000	0.00200			0.00200	2	0.71	1%	0
136.99	Tryptophan, Miscellaneous (%)	0904	0.16500	0.01000			0.01000	2	-0.71	9%	0
136.99	Tryptophan, Miscellaneous (%)	0504	0.23500	0.01000			0.01000	2	0.71	9%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0870	0.42560	0.02540	0.69865	0.04923	0.00834	10	-5.55	20%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0968	0.63050	0.00100	0.69865	0.04923	0.00834	10	-1.38	5%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0227	0.67000	0.02000	0.69865	0.04923	0.00834	10	-0.58	2%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0644	0.67500	0.00600	0.69865	0.04923	0.00834	10	-0.48	2%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0684	0.70650	0.01300	0.69865	0.04923	0.00834	10	0.16	1%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0675	0.71000	0.00000	0.69865	0.04923	0.00834	10	0.23	1%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0872	0.71260	0.00140	0.69865	0.04923	0.00834	10	0.28	1%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	2059	0.73800	0.00200	0.69865	0.04923	0.00834	10	0.80	3%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0504	0.74000	0.00000	0.69865	0.04923	0.00834	10	0.84	3%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0918	0.76250	0.01460	0.69865	0.04923	0.00834	10	1.30	5%	0
137.01	Tyrosine, Pre-col OPA Der (%)	0297	0.69900	0.01400			0.01400	1			0
137.02	Tyrosine, Post-col OPA Der (%)	0098	0.59900	0.00200			0.02850	2	-0.71	6%	0
137.02	Tyrosine, Post-col OPA Der (%)	0676	0.77050	0.05500			0.02850	2	0.71	6%	0
137.05	Tyrosine, Pre-col AQC Der (%)	0626	0.60950	0.08500			0.09200	2	-0.71	5%	0
137.05	Tyrosine, Pre-col AQC Der (%)	0676	0.74650	0.09900			0.09200	2	0.71	5%	0
137.99	Tyrosine, Miscellaneous (%)	0904	0.76500	0.01000			0.01000	1			0
138.00	Valine, Post-col Ninhydrin Der (%)	0504	0.98500	0.05000	1.1329	0.05397	0.01551	15	-2.74	7%	0
138.00	Valine, Post-col Ninhydrin Der (%)	2022	1.0400	0.00000	1.1329	0.05397	0.01551	15	-1.72	4%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0859	1.0870	0.02400	1.1329	0.05397	0.01551	15	-0.85	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0684	1.0985	0.00300	1.1329	0.05397	0.01551	15	-0.64	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0652	1.1000	0.02000	1.1329	0.05397	0.01551	15	-0.61	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0872	1.1177	0.00800	1.1329	0.05397	0.01551	15	-0.28	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	2059	1.1225	0.00500	1.1329	0.05397	0.01551	15	-0.19	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0644	1.1455	0.00700	1.1329	0.05397	0.01551	15	0.23	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0571	1.1490	0.02800	1.1329	0.05397	0.01551	15	0.30	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0227	1.1550	0.01000	1.1329	0.05397	0.01551	15	0.41	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0968	1.1595	0.01100	1.1329	0.05397	0.01551	15	0.49	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0675	1.1850	0.01000	1.1329	0.05397	0.01551	15	0.97	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0870	1.1874	0.02380	1.1329	0.05397	0.01551	15	1.01	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0868	1.1900	0.02000	1.1329	0.05397	0.01551	15	1.06	3%	0

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138.00	Valine, Post-col Ninhydrin Der (%)	0918	1.1916	0.01290	1.1329	0.05397	0.01551	15	1.09	3%	0
138.01	Valine, Pre-col OPA Der (%)	0297	1.1050	0.06600			0.06600	1			0
138.02	Valine, Post-col OPA Der (%)	0098	1.1415	0.00900			0.03750	2	-0.71	2%	0
138.02	Valine, Post-col OPA Der (%)	0676	1.2340	0.06600			0.03750	2	0.71	2%	0
138.05	Valine, Pre-col AQC Der (%)	0626	1.2045	0.02300			0.04950	2	-0.71	1%	0
138.05	Valine, Pre-col AQC Der (%)	0676	1.2500	0.07600			0.04950	2	0.71	1%	0
138.99	Valine, Miscellaneous (%)	0904	1.2550	0.11000			0.11000	1			0
139.00	Taurine, Post-col Ninhydrin Der (%)	0504	0.23500	0.01000			23.005	2	-0.71	50%	0
139.00	Taurine, Post-col Ninhydrin Der (%)	0939	1,088.0	46.000			23.005	2	0.71	50%	0
139.02	Taurine, Post-col OPA Der (%)	0676	0.10000	0.00600			0.00400	2	-0.71	0%	0
139.02	Taurine, Post-col OPA Der (%)	0098	0.10100	0.00200			0.00400	2	0.71	0%	0
139.03	Taurine, Pre-col Dansyl Cl Der (%)	0208	0.10130	0.00440			0.00440	1			0
139.05	Taurine, Pre-col AQC Der (%)	0027	0.05800	0.00000			0.00150	2	-0.71	10%	0
139.05	Taurine, Pre-col AQC Der (%)	0676	0.08650	0.00300			0.00150	2	0.71	10%	0
139.99	Taurine, Miscellaneous (%)	0904	0.08000	0.00000			0.00000	1			0
141.00	Methionine Free, LC-PCD (%)	2102	0.00780	0.00000			0.00000	1			0
160.99	Fructose, Miscellaneous (%)	0676	0.15000	0.00000	0.21708	0.07073	0.01683	6	-0.95	15%	0
160.99	Fructose, Miscellaneous (%)	0904	0.15500	0.03000	0.21708	0.07073	0.01683	6	-0.88	14%	0
160.99	Fructose, Miscellaneous (%)	0297	0.19700	0.00600	0.21708	0.07073	0.01683	6	-0.28	5%	0
160.99	Fructose, Miscellaneous (%)	2004	0.22050	0.00500	0.21708	0.07073	0.01683	6	0.05	1%	0
160.99	Fructose, Miscellaneous (%)	0227	0.28500	0.05000	0.21708	0.07073	0.01683	6	0.96	16%	0
160.99	Fructose, Miscellaneous (%)	0148	0.29500	0.01000	0.21708	0.07073	0.01683	6	1.10	18%	0
161.99	Galactose, Miscellaneous (%)	2004	0.00000	0.00000			0.00000	0			4
162.99	Glucose, Miscellaneous (%)	0904	0.12000	0.00000	0.18600	0.05118	0.01733	6	-1.29	18%	0
162.99	Glucose, Miscellaneous (%)	2004	0.16700	0.00600	0.18600	0.05118	0.01733	6	-0.37	5%	0
162.99	Glucose, Miscellaneous (%)	0148	0.17000	0.00000	0.18600	0.05118	0.01733	6	-0.31	4%	0
162.99	Glucose, Miscellaneous (%)	0676	0.18500	0.03000	0.18600	0.05118	0.01733	6	-0.02	0%	0
162.99	Glucose, Miscellaneous (%)	0227	0.23500	0.03000	0.18600	0.05118	0.01733	6	0.96	13%	0
162.99	Glucose, Miscellaneous (%)	0297	0.23900	0.03800	0.18600	0.05118	0.01733	6	1.04	14%	0
163.99	Lactose, Miscellaneous (%)	0148	0.00000	0.00000				0			4
163.99	Lactose, Miscellaneous (%)	0297	0.00000	0.00000				0			4
163.99	Lactose, Miscellaneous (%)	2004	0.00000	0.00000				0			4
164.99	Maltose, Miscellaneous (%)	2004	0.06630	0.00100	0.14310	0.08536	0.00767	3	-0.90	27%	0
164.99	Maltose, Miscellaneous (%)	0297	0.12800	0.01200	0.14310	0.08536	0.00767	3	-0.18	5%	0
164.99	Maltose, Miscellaneous (%)	0148	0.23500	0.01000	0.14310	0.08536	0.00767	3	1.08	32%	0
165.99	Sucrose, Miscellaneous (%)	0904	1.1100	0.00000	1.5279	0.18170	0.04725	8	-2.30	14%	0
165.99	Sucrose, Miscellaneous (%)	0676	1.4100	0.04000	1.5279	0.18170	0.04725	8	-0.65	4%	0
165.99	Sucrose, Miscellaneous (%)	0227	1.4100	0.14000	1.5279	0.18170	0.04725	8	-0.65	4%	0
165.99	Sucrose, Miscellaneous (%)	0148	1.5500	0.04000	1.5279	0.18170	0.04725	8	0.12	1%	0
165.99	Sucrose, Miscellaneous (%)	2004	1.5500	0.00000	1.5279	0.18170	0.04725	8	0.12	1%	0
165.99	Sucrose, Miscellaneous (%)	0629	1.5700	0.02000	1.5279	0.18170	0.04725	8	0.23	1%	0
165.99	Sucrose, Miscellaneous (%)	0199	1.6500	0.10000	1.5279	0.18170	0.04725	8	0.67	4%	0



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165.99	Sucrose, Miscellaneous (%)	0297	1.9290	0.03800	1.5279	0.18170	0.04725	8	2.21	13%	0
166.99	Raffinose, Miscellaneous (%)	0904	0.38500	0.03000			0.01550	2	-0.71	14%	0
166.99	Raffinose, Miscellaneous (%)	0297	0.69850	0.00100			0.01550	2	0.71	14%	0
167.99	Stachyose, Miscellaneous (%)	0297	1.1230	0.05200			0.05200	1			0
400.01	Water activity, Aqualab chilled mirror (Units)	0589	0.51950	0.00300	0.51975	0.00035	0.00183	3	-0.59	1%	0
400.01	Water activity, Aqualab chilled mirror (Units)	0942	0.52000	0.00000	0.51975	0.00035	0.00183	3	-0.57	1%	0
400.01	Water activity, Aqualab chilled mirror (Units)	0552	0.55735	0.00250	0.51975	0.00035	0.00183	3	1.15	2%	0
400.99	Water activity, Miscellaneous (Units)	2083	0.51000	0.00200	0.52125	0.01479	0.00450	4	-0.76	1%	0
400.99	Water activity, Miscellaneous (Units)	2073	0.51250	0.00500	0.52125	0.01479	0.00450	4	-0.59	1%	0
400.99	Water activity, Miscellaneous (Units)	2036	0.52000	0.00000	0.52125	0.01479	0.00450	4	-0.08	0%	0
400.99	Water activity, Miscellaneous (Units)	2066	0.54250	0.01100	0.52125	0.01479	0.00450	4	1.44	2%	0
516.00	Arsenic, total, AA, Hydride (mg / kg (ppm))	0171	0.15500	0.01000			0.01000	1			0
516.43	Arsenic, total, ICP, Microwave (mg / kg (ppm))	0964	0.29610	0.01260			0.01260	1			0
516.52	Arsenic, total, ICP-MS, Open vessel (mg / kg (ppm))	0555	0.16000	0.00000			0.00000	1			0
516.53	Arsenic, total, ICP-MS, Microwave (mg / kg (ppm))	0199	0.13000	0.02000	0.16733	0.01705	0.02145	6	-2.19	11%	0
516.53	Arsenic, total, ICP-MS, Microwave (mg / kg (ppm))	0553	0.15900	0.00800	0.16733	0.01705	0.02145	6	-0.49	2%	0
516.53	Arsenic, total, ICP-MS, Microwave (mg / kg (ppm))	0227	0.16250	0.00300	0.16733	0.01705	0.02145	6	-0.28	1%	0
516.53	Arsenic, total, ICP-MS, Microwave (mg / kg (ppm))	0168	0.17090	0.05120	0.16733	0.01705	0.02145	6	0.21	1%	0
516.53	Arsenic, total, ICP-MS, Microwave (mg / kg (ppm))	0918	0.17815	0.00350	0.16733	0.01705	0.02145	6	0.63	3%	0
516.53	Arsenic, total, ICP-MS, Microwave (mg / kg (ppm))	0098	0.20450	0.04300	0.16733	0.01705	0.02145	6	2.18	11%	0
518.41	Cadmium, ICP, Dry ash (mg / kg (ppm))	0968	0.04100	0.01600			0.00800	2	-0.71	5%	0
518.41	Cadmium, ICP, Dry ash (mg / kg (ppm))	0171	0.05000	0.00000			0.00800	2	0.71	5%	0
518.43	Cadmium, ICP, Microwave (mg / kg (ppm))	0964	0.04635	0.00250				1			0
518.43	Cadmium, ICP, Microwave (mg / kg (ppm))	0425	0.00000	0.00000				1			4
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	0227	0.03500	0.00000	0.04008	0.00322	0.00224	5	-1.58	6%	0
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	0553	0.03985	0.00230	0.04008	0.00322	0.00224	5	-0.07	0%	0
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	0199	0.04000	0.00000	0.04008	0.00322	0.00224	5	-0.02	0%	0
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	0098	0.04200	0.00600	0.04008	0.00322	0.00224	5	0.60	2%	0
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	0918	0.04355	0.00290	0.04008	0.00322	0.00224	5	1.08	4%	0
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	0168	0.00000	0.00000	0.04008	0.00322	0.00224	5	-12.43	50%	4
520.41	Chromium, ICP, Dry ash (mg / kg (ppm))	0011	1.2933	0.02250			0.06125	2	-0.71	17%	0
520.41	Chromium, ICP, Dry ash (mg / kg (ppm))	0171	2.6500	0.10000			0.06125	2	0.71	17%	0
520.43	Chromium, ICP, Microwave (mg / kg (ppm))	0510	1.3150	0.01000	3.8772	2.4305	0.08167	3	-1.05	33%	0
520.43	Chromium, ICP, Microwave (mg / kg (ppm))	0964	4.1665	0.15500	3.8772	2.4305	0.08167	3	0.12	4%	0
520.43	Chromium, ICP, Microwave (mg / kg (ppm))	2012	6.1500	0.08000	3.8772	2.4305	0.08167	3	0.94	29%	0
520.52	Chromium, ICP-MS, Open vessel (mg / kg (ppm))	0555	0.98500	0.43000			0.43000	1			0
520.53	Chromium, ICP-MS, Microwave (mg / kg (ppm))	0918	0.62770	0.11240	1.1930	0.63171	0.26393	4	-0.89	24%	0
520.53	Chromium, ICP-MS, Microwave (mg / kg (ppm))	0168	0.79935	0.37330	1.1930	0.63171	0.26393	4	-0.62	16%	0
520.53	Chromium, ICP-MS, Microwave (mg / kg (ppm))	2023	1.3100	0.22000	1.1930	0.63171	0.26393	4	0.19	5%	0
520.53	Chromium, ICP-MS, Microwave (mg / kg (ppm))	0553	2.0350	0.35000	1.1930	0.63171	0.26393	4	1.33	35%	0
520.99	Chromium, Miscellaneous (mg / kg (ppm))	0968	5.4450	0.57400			0.57400	1			0
526.41	Lead, ICP, Dry ash (mg / kg (ppm))	0171	0.26500	0.03000			0.03000	1			0

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526.43	Lead, ICP, Microwave (mg / kg (ppm))	0964	0.24895	0.01130				1			0
526.43	Lead, ICP, Microwave (mg / kg (ppm))	0425	0.00000	0.00000				1			4
526.52	Lead, ICP-MS, Open vessel (mg / kg (ppm))	0555	0.32500	0.05000			0.05000	1			0
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	0199	0.15500	0.01000	0.17603	0.01707	0.01026	5	-1.23	6%	0
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	0918	0.16965	0.00830	0.17603	0.01707	0.01026	5	-0.37	2%	0
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	0227	0.17300	0.00600	0.17603	0.01707	0.01026	5	-0.18	1%	0
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	0098	0.18100	0.00800	0.17603	0.01707	0.01026	5	0.29	1%	0
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	0553	0.20150	0.01900	0.17603	0.01707	0.01026	5	1.49	7%	0
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	0168	0.00000	0.00000	0.17603	0.01707	0.01026	5	-10.31	50%	4
529.00	Mercury, Cold vapor (µg / kg (ppb))	0425	0.00000	0.00000			0.00000	0			4
529.99	Mercury, Miscellaneous (µg / kg (ppb))	0918	47.000	14.000				1			0
529.99	Mercury, Miscellaneous (µg / kg (ppb))	0171	0.00000	0.00000				1			4
529.99	Mercury, Miscellaneous (µg / kg (ppb))	0199	0.00000	0.00000				1			4
539.41	Nickel, ICP, Dry ash (mg / kg (ppm))	0011	2.3078	0.23350			0.23350	1			0
539.43	Nickel, ICP, Microwave (mg / kg (ppm))	0964	3.2974	0.21160			0.21160	1			0
539.52	Nickel, ICP-MS, Open vessel (mg / kg (ppm))	0555	2.0000	0.20000			0.20000	1			0
539.53	Nickel, ICP-MS, Microwave (mg / kg (ppm))	2023	2.0000	0.06000	4.5798	2.9586	0.46197	3	-0.87	28%	0
539.53	Nickel, ICP-MS, Microwave (mg / kg (ppm))	0553	3.9300	0.32000	4.5798	2.9586	0.46197	3	-0.22	7%	0
539.53	Nickel, ICP-MS, Microwave (mg / kg (ppm))	0918	7.8093	1.0059	4.5798	2.9586	0.46197	3	1.09	35%	0
600.01	Total Aflatoxin, Neogen Veratox Aflatoxin (µg / kg)	0723	0.49500	0.00000							0
600.01	Total Aflatoxin, Neogen Veratox Aflatoxin (µg / kg)	0028	0.00000	0.00000							4
600.11	Total Aflatoxin, r-Biopharm Ridascreen Afl total (µg / kg)	1019	2.0000	0.00000							0
600.98	Total Aflatoxin, Other Rapid Test Kit (µg / kg (ppb))	0880	0.70000	0.00000							0
610.01	Deoxynivalenol, Neogen Veratox for DON (µg / kg)	0028	100.00	0.00000							0
710.99	Lauric Acid (12:0), Miscellaneous (% (w/w))	0676	0.01200	0.00000			0.00000	1			0
716.01	Palmitic Acid (16:0), Direct Methylation by Alkali H	0904	1.3750	0.09000			0.09000	1			0
718.01	Palmitoleic Acid (9c-16:1), Direct Methylation by A	0904	0.14000	0.00000			0.00000	1			0
718.99	Palmitoleic Acid (9c-16:1), Miscellaneous (% (w/w))	0676	0.12050	0.00100			0.00100	1			0
724.01	Oleic Acid (9c-18:1), Direct Methylation by Alkali H	0904	6.6250	0.03000			0.03000	1			0
726.01	Linoleic Acid (9c,12c-18:2), Direct Methylation by /	0904	2.9100	0.10000			0.10000	1			0
726.99	Linoleic Acid (9c,12c-18:2), Miscellaneous (% (w/w))	0676	2.8475	0.00100			0.00100	1			0
728.01	alpha-Linolenic Acid (9c,12c,15c-18:3), Direct Met	0904	0.83500	0.03000			0.03000	1			0
728.99	alpha-Linolenic Acid (9c,12c,15c-18:3), Miscellane	0676	0.83800	0.00000			0.00000	2	-0.71	36%	0
728.99	alpha-Linolenic Acid (9c,12c,15c-18:3), Miscellane	0629	5.3610	0.00000			0.00000	2	0.71	36%	0
736.99	Arachidonic Acid (5c,8c,11c,14c-20:4), Miscellane	0676	0.04400	0.00200			0.00100	2	-0.71	33%	0
736.99	Arachidonic Acid (5c,8c,11c,14c-20:4), Miscellane	0629	0.21000	0.00000			0.00100	2	0.71	33%	0
740.01	Eicosapentaenoic Acid EPA (5c,8c,11c,14c,17c-20:5)	0904	0.04000	0.00000			0.00000	1			0
740.99	Eicosapentaenoic Acid EPA (5c,8c,11c,14c,17c-20:5)	0676	0.03450	0.00100			0.00050	2	-0.71	37%	0
740.99	Eicosapentaenoic Acid EPA (5c,8c,11c,14c,17c-20:5)	0629	0.22300	0.00000			0.00050	2	0.71	37%	0
746.02	Docosapentaenoic Acid n-3 DPA (DHA)7c,10c,13c,16c,19c	0946	0.01000	0.00000			0.00000	1			0
746.99	Docosapentaenoic Acid n-3 DPA (DHA)7c,10c,13c,16c,19c	0676	0.01000	0.00000			0.00000	1			0
750.99	Docosahexaenoic Acid DHA (4c,7c,10c,13c,16c,19c,22c)	0171	0.02800	0.00000			0.00000	3	-0.63	38%	0

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750.99	Docosahexaenoic Acid DHA (4c,7c,10c,13c,16c,1	0676	0.04200	0.00000			0.00000	3	-0.53	32%	0
750.99	Docosahexaenoic Acid DHA (4c,7c,10c,13c,16c,1	0629	0.28100	0.00000			0.00000	3	1.15	70%	0
754.01	Total n-3 Polyunsaturated (Omega-3) Fatty Acids,	0946	0.81000	0.00000	3.9850	4.4901	0.01333	3	-0.59	36%	0
754.01	Total n-3 Polyunsaturated (Omega-3) Fatty Acids,	0904	0.93000	0.04000	3.9850	4.4901	0.01333	3	-0.56	34%	0
754.01	Total n-3 Polyunsaturated (Omega-3) Fatty Acids,	0921	7.1600	0.00000	3.9850	4.4901	0.01333	3	1.15	71%	0
754.02	Total n-3 Polyunsaturated (Omega-3) Fatty Acids,	0610	0.82500	0.01000			0.01000	1			0
754.99	Total n-3 Polyunsaturated (Omega-3) Fatty Acids,	0171	0.62000	0.02000	0.86200	0.09617	0.00667	3	-1.04	10%	0
754.99	Total n-3 Polyunsaturated (Omega-3) Fatty Acids,	0629	0.79400	0.00000	0.86200	0.09617	0.00667	3	0.08	1%	0
754.99	Total n-3 Polyunsaturated (Omega-3) Fatty Acids,	0676	0.93000	0.00000	0.86200	0.09617	0.00667	3	0.96	10%	0
756.01	Total n-6 Polyunsaturated (Omega-6) Fatty Acids,	0946	2.8100	0.00000	2.8100		0.03000	3	-0.58	34%	0
756.01	Total n-6 Polyunsaturated (Omega-6) Fatty Acids,	0904	2.9550	0.09000	2.8100		0.03000	3	-0.57	33%	0
756.01	Total n-6 Polyunsaturated (Omega-6) Fatty Acids,	0921	20.590	0.00000	2.8100		0.03000	3	1.15	67%	0
756.02	Total n-6 Polyunsaturated (Omega-6) Fatty Acids,	0610	2.8600	0.08000			0.08000	1			0
756.99	Total n-6 Polyunsaturated (Omega-6) Fatty Acids,	0171	2.0850	0.01000	2.9660	0.06505	0.00333	3	-1.15	11%	0
756.99	Total n-6 Polyunsaturated (Omega-6) Fatty Acids,	0676	2.9200	0.00000	2.9660	0.06505	0.00333	3	0.48	5%	0
756.99	Total n-6 Polyunsaturated (Omega-6) Fatty Acids,	0629	3.0120	0.00000	2.9660	0.06505	0.00333	3	0.67	6%	0
758.01	Total Saturated Fatty Acids, Direct Methylation by	0904	2.3250	0.15000			0.07500	2	-0.71	36%	0
758.01	Total Saturated Fatty Acids, Direct Methylation by	0921	14.200	0.00000			0.07500	2	0.71	36%	0
758.99	Total Saturated Fatty Acids, Miscellaneous (% (w.	0629	2.5640	0.00000			0.00000	1			0
762.01	Total Monounsaturated Fatty Acids, Direct Methylk	0904	6.9250	0.05000			0.02500	2	-0.71	39%	0
762.01	Total Monounsaturated Fatty Acids, Direct Methylk	0921	57.320	0.00000			0.02500	2	0.71	39%	0
762.99	Total Monounsaturated Fatty Acids, Miscellaneous:	0629	6.8800	0.00000			0.00000	1			0
766.01	Total Polyunsaturated Fatty Acids, Direct Methylat	0904	3.9000	0.12000			0.06000	2	-0.71	38%	0
766.01	Total Polyunsaturated Fatty Acids, Direct Methylat	0921	27.750	0.00000			0.06000	2	0.71	38%	0
766.99	Total Polyunsaturated Fatty Acids, Miscellaneous	0629	3.8060	0.00000			0.00000	1			0

Notes: Interpreting Z Scores: Red indicates a normally distributed Z value >3 or <-3 (requires action), Orange = Z between 2 and 3 or -2 and -3 (warning) and Green = Z < 2 and >-2 (OK at 95%). Flags indicate data usage: 0 = Used, 1 = Rejected for duplicates too far apart, 2 = Rejected as outlier, 8 = Analyst data exempt and 4 = zeros submitted as values. Robust statistics not used if < 6 labs reporting, in this case the Z Scores are included for information only (Grey, No Action!). Flag 9 indicates no statistics calculated for this dataset. To review the problem please see all submitted data for this test.