



AAFCO
Proficiency Testing Program



Equine Feed

Animal Feed Scheme

Labs Reporting: 175

Test Material Code # 201921

Method Proficiency Testing Report

Issue Date : 02/28/2019

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
000.02	Urea, As protein, Colorimetric (%)	2246	0.1863	0.0000				2		0	
000.02	Urea, As protein, Colorimetric (%)	0278	0.3000	0.0000				2		0	
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0016	7.870	0.0200				3		0	
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0309	7.945	0.0160				3		0	
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0169	8.095	0.0100				3		0	
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0504	8.135	0.1500				3		1	
001.03	Loss on Drying, Low temp. methods (%)	0619	7.870	0.0000				3		0	
001.03	Loss on Drying, Low temp. methods (%)	0868	8.065	0.0100				3		0	
001.03	Loss on Drying, Low temp. methods (%)	0878	8.125	0.0300				3		0	
001.05	Loss on Drying, LECO (%)	0644	7.820	0.0400				1		0	
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0505	7.090	0.0600	7.894	0.2691	0.0879	38	-2.99	5%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0345	7.180	0.0400	7.894	0.2691	0.0879	38	-2.65	5%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2190	7.495	0.0500	7.894	0.2691	0.0879	38	-1.48	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2146	7.560	0.1000	7.894	0.2691	0.0879	38	-1.24	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2246	7.595	0.0100	7.894	0.2691	0.0879	38	-1.11	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0353	7.600	0.1800	7.894	0.2691	0.0879	38	-1.09	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0297	7.680	0.0800	7.894	0.2691	0.0879	38	-0.79	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0089	7.700	0.0000	7.894	0.2691	0.0879	38	-0.72	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2009	7.703	0.0111	7.894	0.2691	0.0879	38	-0.71	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2144	7.725	0.0100	7.894	0.2691	0.0879	38	-0.63	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0682	7.770	0.0000	7.894	0.2691	0.0879	38	-0.46	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0003	7.775	0.2300	7.894	0.2691	0.0879	38	-0.44	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2109	7.790	0.0000	7.894	0.2691	0.0879	38	-0.39	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0019	7.800	0.0000	7.894	0.2691	0.0879	38	-0.35	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0171	7.825	0.0300	7.894	0.2691	0.0879	38	-0.26	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0187	7.840	0.0000	7.894	0.2691	0.0879	38	-0.20	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0590	7.850	0.2400	7.894	0.2691	0.0879	38	-0.16	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0689	7.850	0.1000	7.894	0.2691	0.0879	38	-0.16	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0876	7.867	0.1910	7.894	0.2691	0.0879	38	-0.10	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0139	7.880	0.0400	7.894	0.2691	0.0879	38	-0.05	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0849	7.893	0.0860	7.894	0.2691	0.0879	38	0.00	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2012	7.925	0.0900	7.894	0.2691	0.0879	38	0.12	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0226	7.925	0.0500	7.894	0.2691	0.0879	38	0.12	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0074	7.960	0.0800	7.894	0.2691	0.0879	38	0.25	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2053	7.965	0.1700	7.894	0.2691	0.0879	38	0.26	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2192	7.990	0.0000	7.894	0.2691	0.0879	38	0.36	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0035	8.000	0.0600	7.894	0.2691	0.0879	38	0.39	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0066	8.030	0.2800	7.894	0.2691	0.0879	38	0.51	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0413	8.050	0.1000	7.894	0.2691	0.0879	38	0.58	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0581	8.050	0.1000	7.894	0.2691	0.0879	38	0.58	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0083	8.052	0.1030	7.894	0.2691	0.0879	38	0.59	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0098	8.130	0.2200	7.894	0.2691	0.0879	38	0.88	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0142	8.255	0.0500	7.894	0.2691	0.0879	38	1.34	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0407	8.268	0.0396	7.894	0.2691	0.0879	38	1.39	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0045	8.380	0.4000	7.894	0.2691	0.0879	38	1.81	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0278	8.450	0.0800	7.894	0.2691	0.0879	38	2.07	4%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0675	8.560	0.0400	7.894	0.2691	0.0879	38	2.48	4%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0529	8.880	0.0200	7.894	0.2691	0.0879	38	3.66	6%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0693	8.099	0.7390	7.894	0.2691	0.0879	38	0.76	1%	1
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0366	8.450	1.100	7.894	0.2691	0.0879	38	2.07	4%	1
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0872	4.240	0.0000	7.894	0.2691	0.0879	38	-13.58	23%	2
001.99	Loss on Drying, Miscellaneous (%)	0618	6.465	0.1500	7.912	0.3618	0.1131	23	-4.00	9%	0
001.99	Loss on Drying, Miscellaneous (%)	0536	6.650	0.1700	7.912	0.3618	0.1131	23	-3.49	8%	0
001.99	Loss on Drying, Miscellaneous (%)	0676	7.505	0.0300	7.912	0.3618	0.1131	23	-1.12	3%	0
001.99	Loss on Drying, Miscellaneous (%)	0510	7.600	0.2000	7.912	0.3618	0.1131	23	-0.86	2%	0
001.99	Loss on Drying, Miscellaneous (%)	2155	7.615	0.1300	7.912	0.3618	0.1131	23	-0.82	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0034	7.660	0.0400	7.912	0.3618	0.1131	23	-0.70	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0889	7.740	0.0000	7.912	0.3618	0.1131	23	-0.47	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0904	7.750	0.0200	7.912	0.3618	0.1131	23	-0.45	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0948	7.785	0.0300	7.912	0.3618	0.1131	23	-0.35	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0853	7.850	0.1000	7.912	0.3618	0.1131	23	-0.17	0%	0
001.99	Loss on Drying, Miscellaneous (%)	0918	7.855	0.0300	7.912	0.3618	0.1131	23	-0.16	0%	0
001.99	Loss on Drying, Miscellaneous (%)	0186	7.895	0.3500	7.912	0.3618	0.1131	23	-0.05	0%	0
001.99	Loss on Drying, Miscellaneous (%)	0910	7.950	0.3000	7.912	0.3618	0.1131	23	0.11	0%	0
001.99	Loss on Drying, Miscellaneous (%)	2018	7.990	0.0000	7.912	0.3618	0.1131	23	0.22	0%	0
001.99	Loss on Drying, Miscellaneous (%)	2126	8.000	0.0400	7.912	0.3618	0.1131	23	0.24	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0560	8.010	0.1200	7.912	0.3618	0.1131	23	0.27	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0656	8.095	0.1100	7.912	0.3618	0.1131	23	0.51	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0612	8.145	0.0500	7.912	0.3618	0.1131	23	0.64	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0037	8.180	0.0200	7.912	0.3618	0.1131	23	0.74	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0019	8.310	0.1800	7.912	0.3618	0.1131	23	1.10	3%	0
001.99	Loss on Drying, Miscellaneous (%)	0629	8.390	0.1000	7.912	0.3618	0.1131	23	1.32	3%	0
001.99	Loss on Drying, Miscellaneous (%)	0357	8.451	0.1716	7.912	0.3618	0.1131	23	1.49	3%	0
001.99	Loss on Drying, Miscellaneous (%)	0852	8.670	0.2600	7.912	0.3618	0.1131	23	2.10	5%	0
002.01	Protein, Crude, Auto Kjeh-Foss (%)	0870	14.52	0.1640	14.95	0.3028	0.1434	10	-1.42	1%	0
002.01	Protein, Crude, Auto Kjeh-Foss (%)	0910	14.60	0.4000	14.95	0.3028	0.1434	10	-1.17	1%	0
002.01	Protein, Crude, Auto Kjeh-Foss (%)	2188	14.75	0.0000	14.95	0.3028	0.1434	10	-0.68	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
002.01	Protein, Crude, Auto Kjell-Foss (%)	0653	14.84	0.0000	14.95	0.3028	0.1434	10	-0.38	0%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	0652	15.00	0.6000	14.95	0.3028	0.1434	10	0.15	0%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	2198	15.00	0.0200	14.95	0.3028	0.1434	10	0.15	0%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	2196	15.12	0.0000	14.95	0.3028	0.1434	10	0.55	1%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	0685	15.22	0.0300	14.95	0.3028	0.1434	10	0.86	1%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	2193	15.22	0.1000	14.95	0.3028	0.1434	10	0.88	1%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	0889	15.28	0.1200	14.95	0.3028	0.1434	10	1.07	1%	0
002.02	Protein, Crude, Semiauto Autoanalyzer (%)	0169	14.82	0.0000				3			0
002.02	Protein, Crude, Semiauto Autoanalyzer (%)	0066	15.00	0.1000				3			0
002.02	Protein, Crude, Semiauto Autoanalyzer (%)	0036	15.13	0.0623				3			0
002.03	Protein, Crude, Hach Method (%)	2128	14.70	0.6130				1			0
002.04	Protein, Crude, Copper Catalyst (%)	0874	14.59	0.0800	15.83	1.632	0.0350	4			0
002.04	Protein, Crude, Copper Catalyst (%)	0504	15.24	0.0100	15.83	1.632	0.0350	4			0
002.04	Protein, Crude, Copper Catalyst (%)	0187	15.25	0.0500	15.83	1.632	0.0350	4			0
002.04	Protein, Crude, Copper Catalyst (%)	0405	18.23	0.0000	15.83	1.632	0.0350	4			0
002.05	Protein, Crude, Copper, Boric Acid (%)	2248	13.65	0.1000	15.00	0.1744	0.1050	31	-7.77	5%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2012	14.60	0.5300	15.00	0.1744	0.1050	31	-2.35	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2190	14.70	0.1300	15.00	0.1744	0.1050	31	-1.78	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2199	14.70	0.2000	15.00	0.1744	0.1050	31	-1.75	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2181	14.84	0.0100	15.00	0.1744	0.1050	31	-0.97	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0354	14.86	0.0100	15.00	0.1744	0.1050	31	-0.86	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2109	14.87	0.2500	15.00	0.1744	0.1050	31	-0.80	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2192	14.89	0.0000	15.00	0.1744	0.1050	31	-0.66	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0881	14.92	0.0800	15.00	0.1744	0.1050	31	-0.48	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0849	14.92	0.0570	15.00	0.1744	0.1050	31	-0.48	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0952	14.94	0.0200	15.00	0.1744	0.1050	31	-0.37	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0675	14.97	0.0800	15.00	0.1744	0.1050	31	-0.20	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2073	14.98	0.0700	15.00	0.1744	0.1050	31	-0.17	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2022	14.99	0.0800	15.00	0.1744	0.1050	31	-0.08	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0619	15.00	0.0000	15.00	0.1744	0.1050	31	-0.03	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0852	15.00	0.2000	15.00	0.1744	0.1050	31	-0.03	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0939	15.02	0.1500	15.00	0.1744	0.1050	31	0.06	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0948	15.05	0.0700	15.00	0.1744	0.1050	31	0.23	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2246	15.06	0.0120	15.00	0.1744	0.1050	31	0.32	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0722	15.09	0.1993	15.00	0.1744	0.1050	31	0.48	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0689	15.10	0.0000	15.00	0.1744	0.1050	31	0.55	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0897	15.11	0.0100	15.00	0.1744	0.1050	31	0.58	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0878	15.11	0.0400	15.00	0.1744	0.1050	31	0.60	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2146	15.13	0.1000	15.00	0.1744	0.1050	31	0.72	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2152	15.13	0.0200	15.00	0.1744	0.1050	31	0.72	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0868	15.14	0.0300	15.00	0.1744	0.1050	31	0.75	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2200	15.15	0.3000	15.00	0.1744	0.1050	31	0.83	0%	0

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002.05	Protein, Crude, Copper, Boric Acid (%)	0941	15.17	0.2300	15.00	0.1744	0.1050	31	0.92	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2009	15.24	0.0269	15.00	0.1744	0.1050	31	1.37	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2006	15.28	0.2100	15.00	0.1744	0.1050	31	1.55	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2144	15.96	0.0400	15.00	0.1744	0.1050	31	5.48	3%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0536	14.66	0.7400	15.00	0.1744	0.1050	31	-1.98	1%	1
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0520	14.15	0.3000	15.26	0.2675	0.1248	110	-4.16	4%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0529	14.56	0.0100	15.26	0.2675	0.1248	110	-2.64	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0646	14.57	0.1300	15.26	0.2675	0.1248	110	-2.61	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0676	14.69	0.0000	15.26	0.2675	0.1248	110	-2.14	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0872	14.74	0.1000	15.26	0.2675	0.1248	110	-1.95	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0202	14.75	0.0680	15.26	0.2675	0.1248	110	-1.93	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0581	14.76	0.0500	15.26	0.2675	0.1248	110	-1.90	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0539	14.85	0.4700	15.26	0.2675	0.1248	110	-1.56	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0853	14.85	0.3000	15.26	0.2675	0.1248	110	-1.54	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0956	14.85	0.1000	15.26	0.2675	0.1248	110	-1.54	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0006	14.86	0.1300	15.26	0.2675	0.1248	110	-1.52	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0100	14.90	0.2400	15.26	0.2675	0.1248	110	-1.36	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0139	14.93	0.0300	15.26	0.2675	0.1248	110	-1.26	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0278	14.95	0.1000	15.26	0.2675	0.1248	110	-1.17	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0541	14.96	0.1700	15.26	0.2675	0.1248	110	-1.15	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0598	15.00	0.3300	15.26	0.2675	0.1248	110	-1.00	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0644	15.00	0.1730	15.26	0.2675	0.1248	110	-0.97	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0592	15.03	0.0800	15.26	0.2675	0.1248	110	-0.87	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0123	15.05	0.1000	15.26	0.2675	0.1248	110	-0.79	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0205	15.05	0.0200	15.26	0.2675	0.1248	110	-0.79	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0297	15.06	0.0300	15.26	0.2675	0.1248	110	-0.78	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0948	15.06	0.1000	15.26	0.2675	0.1248	110	-0.76	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0939	15.06	0.1600	15.26	0.2675	0.1248	110	-0.76	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0074	15.08	0.0200	15.26	0.2675	0.1248	110	-0.68	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0357	15.09	0.1875	15.26	0.2675	0.1248	110	-0.63	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0011	15.10	0.0000	15.26	0.2675	0.1248	110	-0.61	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0910	15.10	0.4000	15.26	0.2675	0.1248	110	-0.61	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0263	15.10	0.0284	15.26	0.2675	0.1248	110	-0.59	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0144	15.12	0.0100	15.26	0.2675	0.1248	110	-0.55	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2129	15.12	0.0700	15.26	0.2675	0.1248	110	-0.55	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0345	15.13	0.0500	15.26	0.2675	0.1248	110	-0.51	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0626	15.13	0.0240	15.26	0.2675	0.1248	110	-0.50	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2216	15.13	0.0400	15.26	0.2675	0.1248	110	-0.50	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0590	15.14	0.1100	15.26	0.2675	0.1248	110	-0.48	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2150	15.14	0.0600	15.26	0.2675	0.1248	110	-0.46	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0003	15.15	0.1500	15.26	0.2675	0.1248	110	-0.44	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0619	15.15	0.1000	15.26	0.2675	0.1248	110	-0.42	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0045	15.15	0.3000	15.26	0.2675	0.1248	110	-0.42	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0089	15.15	0.0000	15.26	0.2675	0.1248	110	-0.42	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0504	15.15	0.1200	15.26	0.2675	0.1248	110	-0.42	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0870	15.15	0.0106	15.26	0.2675	0.1248	110	-0.42	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0693	15.15	0.0200	15.26	0.2675	0.1248	110	-0.42	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0505	15.16	0.0100	15.26	0.2675	0.1248	110	-0.40	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0171	15.18	0.0000	15.26	0.2675	0.1248	110	-0.31	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0354	15.18	0.0200	15.26	0.2675	0.1248	110	-0.31	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0675	15.18	0.0400	15.26	0.2675	0.1248	110	-0.31	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0009	15.19	0.0100	15.26	0.2675	0.1248	110	-0.29	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0413	15.20	0.0000	15.26	0.2675	0.1248	110	-0.23	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0868	15.21	0.0200	15.26	0.2675	0.1248	110	-0.20	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0298	15.22	0.0200	15.26	0.2675	0.1248	110	-0.16	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2018	15.23	0.0700	15.26	0.2675	0.1248	110	-0.14	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0010	15.25	0.1000	15.26	0.2675	0.1248	110	-0.05	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0294	15.25	0.1000	15.26	0.2675	0.1248	110	-0.05	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0028	15.26	0.0700	15.26	0.2675	0.1248	110	-0.03	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0142	15.26	0.0300	15.26	0.2675	0.1248	110	-0.03	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0027	15.26	0.5590	15.26	0.2675	0.1248	110	0.00	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0848	15.27	0.0600	15.26	0.2675	0.1248	110	0.03	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0037	15.28	0.4500	15.26	0.2675	0.1248	110	0.05	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0904	15.28	0.2100	15.26	0.2675	0.1248	110	0.05	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0563	15.29	0.0020	15.26	0.2675	0.1248	110	0.10	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0190	15.30	0.1500	15.26	0.2675	0.1248	110	0.12	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0016	15.30	0.0000	15.26	0.2675	0.1248	110	0.14	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0033	15.30	0.0000	15.26	0.2675	0.1248	110	0.14	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0098	15.30	0.2000	15.26	0.2675	0.1248	110	0.14	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0208	15.30	0.4000	15.26	0.2675	0.1248	110	0.14	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2242	15.30	0.2000	15.26	0.2675	0.1248	110	0.14	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2089	15.34	0.0600	15.26	0.2675	0.1248	110	0.29	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0857	15.35	0.0200	15.26	0.2675	0.1248	110	0.33	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2012	15.36	0.1700	15.26	0.2675	0.1248	110	0.35	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2184	15.36	0.1500	15.26	0.2675	0.1248	110	0.35	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2168	15.36	0.2400	15.26	0.2675	0.1248	110	0.36	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0226	15.37	0.0100	15.26	0.2675	0.1248	110	0.38	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0358	15.37	0.2700	15.26	0.2675	0.1248	110	0.38	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0726	15.37	0.0300	15.26	0.2675	0.1248	110	0.38	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2057	15.37	0.0700	15.26	0.2675	0.1248	110	0.41	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0964	15.39	0.1570	15.26	0.2675	0.1248	110	0.46	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0108	15.39	0.1000	15.26	0.2675	0.1248	110	0.48	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0309	15.40	0.0755	15.26	0.2675	0.1248	110	0.50	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0407	15.40	0.2080	15.26	0.2675	0.1248	110	0.53	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0164	15.41	0.0600	15.26	0.2675	0.1248	110	0.55	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0553	15.43	0.0200	15.26	0.2675	0.1248	110	0.63	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0160	15.43	0.2200	15.26	0.2675	0.1248	110	0.63	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0353	15.45	0.0100	15.26	0.2675	0.1248	110	0.68	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0918	15.46	0.0400	15.26	0.2675	0.1248	110	0.74	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2033	15.47	0.0200	15.26	0.2675	0.1248	110	0.78	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0036	15.48	0.0300	15.26	0.2675	0.1248	110	0.79	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0574	15.49	0.0100	15.26	0.2675	0.1248	110	0.83	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0035	15.49	0.0000	15.26	0.2675	0.1248	110	0.85	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0265	15.50	0.2000	15.26	0.2675	0.1248	110	0.89	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0366	15.50	0.4000	15.26	0.2675	0.1248	110	0.89	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0034	15.52	0.1450	15.26	0.2675	0.1248	110	0.95	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0019	15.53	0.7400	15.26	0.2675	0.1248	110	1.00	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0687	15.53	0.2400	15.26	0.2675	0.1248	110	1.00	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0186	15.55	0.3000	15.26	0.2675	0.1248	110	1.07	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0425	15.57	0.0800	15.26	0.2675	0.1248	110	1.15	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0656	15.57	0.0800	15.26	0.2675	0.1248	110	1.15	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0004	15.58	0.1600	15.26	0.2675	0.1248	110	1.19	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2076	15.60	0.1450	15.26	0.2675	0.1248	110	1.24	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0876	15.60	0.0560	15.26	0.2675	0.1248	110	1.26	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0083	15.60	0.0600	15.26	0.2675	0.1248	110	1.26	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0618	15.61	0.0330	15.26	0.2675	0.1248	110	1.30	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0001	15.61	0.1000	15.26	0.2675	0.1248	110	1.30	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0510	15.65	0.1000	15.26	0.2675	0.1248	110	1.45	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0682	15.65	0.0000	15.26	0.2675	0.1248	110	1.45	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0229	15.67	0.1500	15.26	0.2675	0.1248	110	1.50	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0511	15.68	0.0300	15.26	0.2675	0.1248	110	1.54	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0242	15.92	0.1800	15.26	0.2675	0.1248	110	2.46	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2144	15.99	0.0500	15.26	0.2675	0.1248	110	2.70	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0953	16.68	0.6000	15.26	0.2675	0.1248	110	5.30	5%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0612	17.38	0.3000	15.26	0.2675	0.1248	110	7.92	7%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0047	14.50	1.000	15.26	0.2675	0.1248	110	-2.85	2%	1
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2155	14.97	0.8680	15.26	0.2675	0.1248	110	-1.11	1%	1
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0650	16.63	1.180	15.26	0.2675	0.1248	110	5.11	4%	1
002.08	Protein, Crude, Cu/Ti (%)	0098	15.11	0.0000				2			0
002.08	Protein, Crude, Cu/Ti (%)	0563	15.32	0.1903				2			0
002.10	Protein, Crude, Block dig/distillation (%)	0629	14.89	0.0800				1			0
002.11	Protein, Crude, NIR (%)	0852	14.19	0.0500				3			0
002.11	Protein, Crude, NIR (%)	2128	14.42	0.1740				3			0
002.11	Protein, Crude, NIR (%)	0011	15.65	0.1000				3			0
002.11	Protein, Crude, NIR (%)	0889	15.01	0.5600				3			1
002.11	Protein, Crude, NIR (%)	0297	8.235	0.1100				3			2

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
002.99	Protein, Crude, Miscellaneous (%)	0643	14.98	0.1100				1			0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0142	3.090	0.2000	8.311	0.4135	0.1940	10	-12.63	31%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2192	7.930	0.8600	8.311	0.4135	0.1940	10	-0.92	2%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0345	8.025	0.1700	8.311	0.4135	0.1940	10	-0.69	2%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2190	8.140	0.0400	8.311	0.4135	0.1940	10	-0.41	1%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2198	8.300	0.0000	8.311	0.4135	0.1940	10	-0.03	0%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0309	8.363	0.5097	8.311	0.4135	0.1940	10	0.13	0%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0653	8.470	0.0000	8.311	0.4135	0.1940	10	0.38	1%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2109	8.710	0.0400	8.311	0.4135	0.1940	10	0.97	2%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2126	8.730	0.0200	8.311	0.4135	0.1940	10	1.01	3%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0017	8.750	0.1000	8.311	0.4135	0.1940	10	1.06	3%	0
003.01	Fat, Crude, Diethyl Ether Ext (13th ed.), Indirect (%)	2248	9.245	0.0700				1			0
003.06	Fat, Crude, Pet Ether (%)	0263	3.070	0.0176	8.378	0.3778	0.0871	18	-14.05	32%	0
003.06	Fat, Crude, Pet Ether (%)	0563	6.227	0.2218	8.378	0.3778	0.0871	18	-5.69	13%	0
003.06	Fat, Crude, Pet Ether (%)	0294	8.040	0.0200	8.378	0.3778	0.0871	18	-0.89	2%	0
003.06	Fat, Crude, Pet Ether (%)	0229	8.050	0.1000	8.378	0.3778	0.0871	18	-0.87	2%	0
003.06	Fat, Crude, Pet Ether (%)	0849	8.144	0.0720	8.378	0.3778	0.0871	18	-0.62	1%	0
003.06	Fat, Crude, Pet Ether (%)	0425	8.215	0.0300	8.378	0.3778	0.0871	18	-0.43	1%	0
003.06	Fat, Crude, Pet Ether (%)	0297	8.235	0.1100	8.378	0.3778	0.0871	18	-0.38	1%	0
003.06	Fat, Crude, Pet Ether (%)	0169	8.265	0.0100	8.378	0.3778	0.0871	18	-0.30	1%	0
003.06	Fat, Crude, Pet Ether (%)	0644	8.394	0.1960	8.378	0.3778	0.0871	18	0.04	0%	0
003.06	Fat, Crude, Pet Ether (%)	2181	8.410	0.0400	8.378	0.3778	0.0871	18	0.09	0%	0
003.06	Fat, Crude, Pet Ether (%)	0682	8.460	0.0000	8.378	0.3778	0.0871	18	0.22	0%	0
003.06	Fat, Crude, Pet Ether (%)	0689	8.550	0.1000	8.378	0.3778	0.0871	18	0.46	1%	0
003.06	Fat, Crude, Pet Ether (%)	0687	8.560	0.2000	8.378	0.3778	0.0871	18	0.48	1%	0
003.06	Fat, Crude, Pet Ether (%)	0918	8.565	0.0100	8.378	0.3778	0.0871	18	0.50	1%	0
003.06	Fat, Crude, Pet Ether (%)	0511	8.735	0.2700	8.378	0.3778	0.0871	18	0.95	2%	0
003.06	Fat, Crude, Pet Ether (%)	0910	8.830	0.0400	8.378	0.3778	0.0871	18	1.20	3%	0
003.06	Fat, Crude, Pet Ether (%)	0656	8.840	0.0400	8.378	0.3778	0.0871	18	1.22	3%	0
003.06	Fat, Crude, Pet Ether (%)	0164	8.885	0.0900	8.378	0.3778	0.0871	18	1.34	3%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0948	8.000	0.0600	8.427	0.1552	0.1602	14	-2.75	3%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0098	8.285	0.1100	8.427	0.1552	0.1602	14	-0.91	1%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0675	8.305	0.1100	8.427	0.1552	0.1602	14	-0.79	1%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0354	8.315	0.0900	8.427	0.1552	0.1602	14	-0.72	1%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0027	8.359	0.1730	8.427	0.1552	0.1602	14	-0.44	0%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0226	8.385	0.0700	8.427	0.1552	0.1602	14	-0.27	0%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0870	8.399	0.1815	8.427	0.1552	0.1602	14	-0.18	0%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0510	8.400	0.0000	8.427	0.1552	0.1602	14	-0.17	0%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0590	8.440	0.6000	8.427	0.1552	0.1602	14	0.08	0%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0004	8.530	0.0600	8.427	0.1552	0.1602	14	0.66	1%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0685	8.530	0.1000	8.427	0.1552	0.1602	14	0.66	1%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	2012	8.530	0.2000	8.427	0.1552	0.1602	14	0.66	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0353	8.645	0.4100	8.427	0.1552	0.1602	14	1.41	1%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0722	8.682	0.0780	8.427	0.1552	0.1602	14	1.64	2%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0160	9.261	2.196	8.427	0.1552	0.1602	14	5.38	5%	1
003.10	Fat, Crude, Randall, Pet Ether (%)	0100	7.695	0.3100	8.108	0.3195	0.0945	27	-1.29	3%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2073	7.700	0.1200	8.108	0.3195	0.0945	27	-1.28	3%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0619	7.715	0.0100	8.108	0.3195	0.0945	27	-1.23	2%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2155	7.776	0.6640	8.108	0.3195	0.0945	27	-1.04	2%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2188	7.790	0.0200	8.108	0.3195	0.0945	27	-1.00	2%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0366	7.800	0.0000	8.108	0.3195	0.0945	27	-0.96	2%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0693	7.894	0.1710	8.108	0.3195	0.0945	27	-0.67	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0298	7.910	0.0200	8.108	0.3195	0.0945	27	-0.62	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0870	7.963	0.0825	8.108	0.3195	0.0945	27	-0.45	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0036	7.968	0.1108	8.108	0.3195	0.0945	27	-0.44	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0242	7.975	0.0100	8.108	0.3195	0.0945	27	-0.42	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0952	8.005	0.0100	8.108	0.3195	0.0945	27	-0.32	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0553	8.055	0.0900	8.108	0.3195	0.0945	27	-0.17	0%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0045	8.075	0.4300	8.108	0.3195	0.0945	27	-0.10	0%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2184	8.090	0.0800	8.108	0.3195	0.0945	27	-0.06	0%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2022	8.110	0.0200	8.108	0.3195	0.0945	27	0.01	0%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2196	8.250	0.0000	8.108	0.3195	0.0945	27	0.44	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0098	8.270	0.0600	8.108	0.3195	0.0945	27	0.51	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2193	8.270	0.0200	8.108	0.3195	0.0945	27	0.51	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0541	8.290	0.0600	8.108	0.3195	0.0945	27	0.57	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0629	8.345	0.1300	8.108	0.3195	0.0945	27	0.74	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2009	8.359	0.0215	8.108	0.3195	0.0945	27	0.79	2%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0897	8.390	0.0000	8.108	0.3195	0.0945	27	0.88	2%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0881	8.516	0.0330	8.108	0.3195	0.0945	27	1.28	3%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0618	8.530	0.0400	8.108	0.3195	0.0945	27	1.32	3%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2018	8.590	0.0400	8.108	0.3195	0.0945	27	1.51	3%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0689	8.600	0.0000	8.108	0.3195	0.0945	27	1.54	3%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0889	5.865	3.850	8.108	0.3195	0.0945	27	-7.02	14%	1
003.11	Fat, Crude, NIR (%)	0852	6.860	0.0000	8.755	1.473	0.0268	6	-1.29	11%	0
003.11	Fat, Crude, NIR (%)	0889	7.800	0.0600	8.755	1.473	0.0268	6	-0.65	5%	0
003.11	Fat, Crude, NIR (%)	0011	8.300	0.0000	8.755	1.473	0.0268	6	-0.31	3%	0
003.11	Fat, Crude, NIR (%)	2128	9.613	0.0109	8.755	1.473	0.0268	6	0.58	5%	0
003.11	Fat, Crude, NIR (%)	0297	9.935	0.0900	8.755	1.473	0.0268	6	0.80	7%	0
003.11	Fat, Crude, NIR (%)	0405	10.02	0.0000	8.755	1.473	0.0268	6	0.86	7%	0
003.12	Fat, Crude, Hexane Ext (%)	0171	8.320	0.0200	8.761	0.2779	0.1940	5			0
003.12	Fat, Crude, Hexane Ext (%)	2200	8.700	0.4000	8.761	0.2779	0.1940	5			0
003.12	Fat, Crude, Hexane Ext (%)	0011	8.820	0.2800	8.761	0.2779	0.1940	5			0
003.12	Fat, Crude, Hexane Ext (%)	0646	8.915	0.1700	8.761	0.2779	0.1940	5			0
003.12	Fat, Crude, Hexane Ext (%)	2199	9.050	0.1000	8.761	0.2779	0.1940	5			0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
003.13	Fat, Crude, Randall, Hexane Ext. (%)	0028	5.220	0.1800	8.294	0.2841	0.1463	10	-10.82	19%	0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	0098	8.000	0.3800	8.294	0.2841	0.1463	10	-1.03	2%	0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	2246	8.119	0.2108	8.294	0.2841	0.1463	10	-0.62	1%	0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	0033	8.210	0.1800	8.294	0.2841	0.1463	10	-0.29	1%	0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	0123	8.295	0.0100	8.294	0.2841	0.1463	10	0.01	0%	0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	0208	8.305	0.1900	8.294	0.2841	0.1463	10	0.04	0%	0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	0205	8.395	0.0100	8.294	0.2841	0.1463	10	0.36	1%	0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	2006	8.570	0.1600	8.294	0.2841	0.1463	10	0.97	2%	0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	0870	8.579	0.0517	8.294	0.2841	0.1463	10	1.01	2%	0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	0187	8.595	0.0900	8.294	0.2841	0.1463	10	1.06	2%	0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	2089	8.800	0.9000	8.294	0.2841	0.1463	10	1.78	3%	1
003.14	Fat, Crude, Ankom (%)	0357	2.400	0.2000	6.439	1.938	0.1703	38	-2.08	31%	0
003.14	Fat, Crude, Ankom (%)	0598	3.575	0.1500	6.439	1.938	0.1703	38	-1.48	22%	0
003.14	Fat, Crude, Ankom (%)	0574	3.715	0.0700	6.439	1.938	0.1703	38	-1.41	21%	0
003.14	Fat, Crude, Ankom (%)	0019	3.795	0.6100	6.439	1.938	0.1703	38	-1.36	21%	0
003.14	Fat, Crude, Ankom (%)	0083	4.100	0.0200	6.439	1.938	0.1703	38	-1.21	18%	0
003.14	Fat, Crude, Ankom (%)	0034	4.195	0.1700	6.439	1.938	0.1703	38	-1.16	17%	0
003.14	Fat, Crude, Ankom (%)	0186	4.320	0.1800	6.439	1.938	0.1703	38	-1.09	16%	0
003.14	Fat, Crude, Ankom (%)	0265	4.460	0.1800	6.439	1.938	0.1703	38	-1.02	15%	0
003.14	Fat, Crude, Ankom (%)	2129	4.550	0.2000	6.439	1.938	0.1703	38	-0.97	15%	0
003.14	Fat, Crude, Ankom (%)	2076	4.565	0.0277	6.439	1.938	0.1703	38	-0.97	15%	0
003.14	Fat, Crude, Ankom (%)	0037	5.385	0.1500	6.439	1.938	0.1703	38	-0.54	8%	0
003.14	Fat, Crude, Ankom (%)	0358	5.485	0.4900	6.439	1.938	0.1703	38	-0.49	7%	0
003.14	Fat, Crude, Ankom (%)	0581	5.610	0.0400	6.439	1.938	0.1703	38	-0.43	6%	0
003.14	Fat, Crude, Ankom (%)	0682	5.740	0.0000	6.439	1.938	0.1703	38	-0.36	5%	0
003.14	Fat, Crude, Ankom (%)	0407	5.919	0.7050	6.439	1.938	0.1703	38	-0.27	4%	0
003.14	Fat, Crude, Ankom (%)	0520	6.085	0.1300	6.439	1.938	0.1703	38	-0.18	3%	0
003.14	Fat, Crude, Ankom (%)	0413	6.250	0.3000	6.439	1.938	0.1703	38	-0.10	1%	0
003.14	Fat, Crude, Ankom (%)	0089	6.295	0.0100	6.439	1.938	0.1703	38	-0.07	1%	0
003.14	Fat, Crude, Ankom (%)	0876	6.876	0.0840	6.439	1.938	0.1703	38	0.23	3%	0
003.14	Fat, Crude, Ankom (%)	0878	6.975	0.1300	6.439	1.938	0.1703	38	0.28	4%	0
003.14	Fat, Crude, Ankom (%)	0948	6.985	0.0900	6.439	1.938	0.1703	38	0.28	4%	0
003.14	Fat, Crude, Ankom (%)	0004	7.125	0.1100	6.439	1.938	0.1703	38	0.35	5%	0
003.14	Fat, Crude, Ankom (%)	0505	7.350	0.0400	6.439	1.938	0.1703	38	0.47	7%	0
003.14	Fat, Crude, Ankom (%)	0144	7.475	0.0500	6.439	1.938	0.1703	38	0.53	8%	0
003.14	Fat, Crude, Ankom (%)	0009	7.575	0.1700	6.439	1.938	0.1703	38	0.59	9%	0
003.14	Fat, Crude, Ankom (%)	0108	7.655	0.2300	6.439	1.938	0.1703	38	0.63	9%	0
003.14	Fat, Crude, Ankom (%)	2146	7.705	0.0300	6.439	1.938	0.1703	38	0.65	10%	0
003.14	Fat, Crude, Ankom (%)	0955	7.735	0.1900	6.439	1.938	0.1703	38	0.67	10%	0
003.14	Fat, Crude, Ankom (%)	0868	7.955	0.0900	6.439	1.938	0.1703	38	0.78	12%	0
003.14	Fat, Crude, Ankom (%)	0066	8.010	0.0800	6.439	1.938	0.1703	38	0.81	12%	0
003.14	Fat, Crude, Ankom (%)	0202	8.061	0.1560	6.439	1.938	0.1703	38	0.84	13%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
003.14	Fat, Crude, Ankom (%)	0619	8.270	0.2000	6.439	1.938	0.1703	38	0.94	14%	0
003.14	Fat, Crude, Ankom (%)	0853	8.350	0.1000	6.439	1.938	0.1703	38	0.99	15%	0
003.14	Fat, Crude, Ankom (%)	0529	8.375	0.0500	6.439	1.938	0.1703	38	1.00	15%	0
003.14	Fat, Crude, Ankom (%)	0278	8.400	0.2000	6.439	1.938	0.1703	38	1.01	15%	0
003.14	Fat, Crude, Ankom (%)	0003	8.420	0.8000	6.439	1.938	0.1703	38	1.02	15%	0
003.14	Fat, Crude, Ankom (%)	0726	8.725	0.0300	6.439	1.938	0.1703	38	1.18	18%	0
003.14	Fat, Crude, Ankom (%)	0190	9.085	0.0100	6.439	1.938	0.1703	38	1.37	21%	0
003.14	Fat, Crude, Ankom (%)	0956	7.000	1.600	6.439	1.938	0.1703	38	0.29	4%	1
003.99	Fat, Crude, Miscellaneous (%)	0536	4.488	0.9250				2			0
003.99	Fat, Crude, Miscellaneous (%)	0941	8.835	0.1700				2			0
004.00	Fiber, Crude, Asbestos Free (%)	0425	13.95	0.1000	14.77	0.4023	0.1665	13	-2.04	3%	0
004.00	Fiber, Crude, Asbestos Free (%)	0354	14.35	0.0100	14.77	0.4023	0.1665	13	-1.06	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	0298	14.50	0.2000	14.77	0.4023	0.1665	13	-0.68	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	0171	14.59	0.1700	14.77	0.4023	0.1665	13	-0.46	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	0164	14.65	0.1000	14.77	0.4023	0.1665	13	-0.30	0%	0
004.00	Fiber, Crude, Asbestos Free (%)	2073	14.67	0.1000	14.77	0.4023	0.1665	13	-0.25	0%	0
004.00	Fiber, Crude, Asbestos Free (%)	0345	14.72	0.0700	14.77	0.4023	0.1665	13	-0.14	0%	0
004.00	Fiber, Crude, Asbestos Free (%)	0208	14.80	0.0000	14.77	0.4023	0.1665	13	0.07	0%	0
004.00	Fiber, Crude, Asbestos Free (%)	2076	14.82	1.101	14.77	0.4023	0.1665	13	0.13	0%	0
004.00	Fiber, Crude, Asbestos Free (%)	0309	14.96	0.0725	14.77	0.4023	0.1665	13	0.46	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	0504	15.13	0.0100	14.77	0.4023	0.1665	13	0.88	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	0169	15.32	0.0000	14.77	0.4023	0.1665	13	1.36	2%	0
004.00	Fiber, Crude, Asbestos Free (%)	0226	15.99	0.2300	14.77	0.4023	0.1665	13	3.02	4%	0
004.00	Fiber, Crude, Asbestos Free (%)	0511	14.85	1.500	14.77	0.4023	0.1665	13	0.19	0%	1
004.01	Fiber, Crude, Sing Filt (%)	0366	14.15	0.3000				1			0
004.03	Fiber, Crude, Fritted Glass (%)	2089	11.87	0.0400	14.91	1.844	0.3004	7	-1.65	10%	0
004.03	Fiber, Crude, Fritted Glass (%)	0921	14.02	0.0000	14.91	1.844	0.3004	7	-0.48	3%	0
004.03	Fiber, Crude, Fritted Glass (%)	0353	14.47	0.0300	14.91	1.844	0.3004	7	-0.24	1%	0
004.03	Fiber, Crude, Fritted Glass (%)	2190	15.03	0.2900	14.91	1.844	0.3004	7	0.06	0%	0
004.03	Fiber, Crude, Fritted Glass (%)	0904	15.58	0.3800	14.91	1.844	0.3004	7	0.36	2%	0
004.03	Fiber, Crude, Fritted Glass (%)	2192	15.76	1.340	14.91	1.844	0.3004	7	0.46	3%	0
004.03	Fiber, Crude, Fritted Glass (%)	0693	17.37	0.0230	14.91	1.844	0.3004	7	1.33	8%	0
004.03	Fiber, Crude, Fritted Glass (%)	2246	16.27	4.190	14.91	1.844	0.3004	7	0.74	5%	1
004.06	Fiber, Crude, Fibertec (%)	0590	14.05	0.3000	15.02	0.7283	0.2270	19	-1.33	3%	0
004.06	Fiber, Crude, Fibertec (%)	0098	14.17	0.2700	15.02	0.7283	0.2270	19	-1.17	3%	0
004.06	Fiber, Crude, Fibertec (%)	0722	14.31	0.3989	15.02	0.7283	0.2270	19	-0.97	2%	0
004.06	Fiber, Crude, Fibertec (%)	0205	14.35	0.5000	15.02	0.7283	0.2270	19	-0.92	2%	0
004.06	Fiber, Crude, Fibertec (%)	2022	14.43	0.0600	15.02	0.7283	0.2270	19	-0.81	2%	0
004.06	Fiber, Crude, Fibertec (%)	0881	14.69	0.4000	15.02	0.7283	0.2270	19	-0.45	1%	0
004.06	Fiber, Crude, Fibertec (%)	2006	14.71	0.2800	15.02	0.7283	0.2270	19	-0.42	1%	0
004.06	Fiber, Crude, Fibertec (%)	0918	14.80	0.3000	15.02	0.7283	0.2270	19	-0.30	1%	0
004.06	Fiber, Crude, Fibertec (%)	0878	14.92	0.1800	15.02	0.7283	0.2270	19	-0.13	0%	0

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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
004.06	Fiber, Crude, Fibertec (%)	0027	14.95	0.1650	15.02	0.7283	0.2270	19	-0.10	0%	0
004.06	Fiber, Crude, Fibertec (%)	0941	15.07	0.3900	15.02	0.7283	0.2270	19	0.06	0%	0
004.06	Fiber, Crude, Fibertec (%)	0897	15.08	0.0300	15.02	0.7283	0.2270	19	0.08	0%	0
004.06	Fiber, Crude, Fibertec (%)	0689	15.15	0.1000	15.02	0.7283	0.2270	19	0.18	0%	0
004.06	Fiber, Crude, Fibertec (%)	2152	15.19	0.0400	15.02	0.7283	0.2270	19	0.24	1%	0
004.06	Fiber, Crude, Fibertec (%)	0948	15.59	0.1700	15.02	0.7283	0.2270	19	0.78	2%	0
004.06	Fiber, Crude, Fibertec (%)	2198	15.65	0.1300	15.02	0.7283	0.2270	19	0.86	2%	0
004.06	Fiber, Crude, Fibertec (%)	0868	16.04	0.2000	15.02	0.7283	0.2270	19	1.40	3%	0
004.06	Fiber, Crude, Fibertec (%)	0675	16.16	0.2800	15.02	0.7283	0.2270	19	1.57	4%	0
004.06	Fiber, Crude, Fibertec (%)	0952	19.84	0.1200	15.02	0.7283	0.2270	19	6.62	16%	0
004.06	Fiber, Crude, Fibertec (%)	2200	14.90	1.600	15.02	0.7283	0.2270	19	-0.16	0%	1
004.07	Fiber, Crude, ANKOM (%)	0265	13.40	0.8000	15.18	0.8938	0.2479	70	-2.00	6%	0
004.07	Fiber, Crude, ANKOM (%)	0160	13.64	0.0800	15.18	0.8938	0.2479	70	-1.73	5%	0
004.07	Fiber, Crude, ANKOM (%)	0202	13.76	0.1640	15.18	0.8938	0.2479	70	-1.60	5%	0
004.07	Fiber, Crude, ANKOM (%)	0563	13.79	0.2271	15.18	0.8938	0.2479	70	-1.55	5%	0
004.07	Fiber, Crude, ANKOM (%)	0035	13.83	0.3600	15.18	0.8938	0.2479	70	-1.51	4%	0
004.07	Fiber, Crude, ANKOM (%)	0619	13.95	0.1000	15.18	0.8938	0.2479	70	-1.38	4%	0
004.07	Fiber, Crude, ANKOM (%)	2109	14.03	0.6500	15.18	0.8938	0.2479	70	-1.30	4%	0
004.07	Fiber, Crude, ANKOM (%)	0644	14.12	0.0030	15.18	0.8938	0.2479	70	-1.19	4%	0
004.07	Fiber, Crude, ANKOM (%)	2190	14.14	0.0600	15.18	0.8938	0.2479	70	-1.17	3%	0
004.07	Fiber, Crude, ANKOM (%)	0520	14.15	0.1000	15.18	0.8938	0.2479	70	-1.16	3%	0
004.07	Fiber, Crude, ANKOM (%)	0004	14.16	0.5000	15.18	0.8938	0.2479	70	-1.15	3%	0
004.07	Fiber, Crude, ANKOM (%)	0682	14.40	0.0000	15.18	0.8938	0.2479	70	-0.88	3%	0
004.07	Fiber, Crude, ANKOM (%)	0294	14.50	0.4000	15.18	0.8938	0.2479	70	-0.76	2%	0
004.07	Fiber, Crude, ANKOM (%)	0910	14.50	0.0000	15.18	0.8938	0.2479	70	-0.76	2%	0
004.07	Fiber, Crude, ANKOM (%)	0849	14.53	0.1650	15.18	0.8938	0.2479	70	-0.73	2%	0
004.07	Fiber, Crude, ANKOM (%)	0083	14.53	0.0400	15.18	0.8938	0.2479	70	-0.73	2%	0
004.07	Fiber, Crude, ANKOM (%)	0028	14.55	0.5000	15.18	0.8938	0.2479	70	-0.71	2%	0
004.07	Fiber, Crude, ANKOM (%)	0708	14.57	0.0900	15.18	0.8938	0.2479	70	-0.69	2%	0
004.07	Fiber, Crude, ANKOM (%)	0190	14.65	0.1000	15.18	0.8938	0.2479	70	-0.60	2%	0
004.07	Fiber, Crude, ANKOM (%)	0505	14.70	0.1100	15.18	0.8938	0.2479	70	-0.55	2%	0
004.07	Fiber, Crude, ANKOM (%)	0726	14.73	0.0300	15.18	0.8938	0.2479	70	-0.51	2%	0
004.07	Fiber, Crude, ANKOM (%)	2188	14.75	0.4300	15.18	0.8938	0.2479	70	-0.49	1%	0
004.07	Fiber, Crude, ANKOM (%)	0229	14.78	0.0800	15.18	0.8938	0.2479	70	-0.45	1%	0
004.07	Fiber, Crude, ANKOM (%)	0100	14.84	0.4900	15.18	0.8938	0.2479	70	-0.39	1%	0
004.07	Fiber, Crude, ANKOM (%)	2053	14.85	0.1500	15.18	0.8938	0.2479	70	-0.38	1%	0
004.07	Fiber, Crude, ANKOM (%)	0098	14.92	0.2100	15.18	0.8938	0.2479	70	-0.30	1%	0
004.07	Fiber, Crude, ANKOM (%)	0144	15.02	0.2700	15.18	0.8938	0.2479	70	-0.19	1%	0
004.07	Fiber, Crude, ANKOM (%)	0939	15.02	0.4000	15.18	0.8938	0.2479	70	-0.18	1%	0
004.07	Fiber, Crude, ANKOM (%)	0592	15.04	0.5200	15.18	0.8938	0.2479	70	-0.16	0%	0
004.07	Fiber, Crude, ANKOM (%)	0009	15.05	0.0600	15.18	0.8938	0.2479	70	-0.15	0%	0
004.07	Fiber, Crude, ANKOM (%)	2181	15.06	0.0500	15.18	0.8938	0.2479	70	-0.14	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
004.07	Fiber, Crude, ANKOM (%)	0653	15.09	0.1900	15.18	0.8938	0.2479	70	-0.11	0%	0
004.07	Fiber, Crude, ANKOM (%)	2146	15.10	0.5300	15.18	0.8938	0.2479	70	-0.10	0%	0
004.07	Fiber, Crude, ANKOM (%)	0956	15.10	0.4000	15.18	0.8938	0.2479	70	-0.09	0%	0
004.07	Fiber, Crude, ANKOM (%)	0581	15.15	0.3000	15.18	0.8938	0.2479	70	-0.04	0%	0
004.07	Fiber, Crude, ANKOM (%)	0870	15.19	0.0837	15.18	0.8938	0.2479	70	0.00	0%	0
004.07	Fiber, Crude, ANKOM (%)	0123	15.19	0.0600	15.18	0.8938	0.2479	70	0.01	0%	0
004.07	Fiber, Crude, ANKOM (%)	0354	15.26	0.0100	15.18	0.8938	0.2479	70	0.08	0%	0
004.07	Fiber, Crude, ANKOM (%)	0407	15.27	0.1957	15.18	0.8938	0.2479	70	0.10	0%	0
004.07	Fiber, Crude, ANKOM (%)	2193	15.28	0.1300	15.18	0.8938	0.2479	70	0.10	0%	0
004.07	Fiber, Crude, ANKOM (%)	0848	15.32	0.0100	15.18	0.8938	0.2479	70	0.15	0%	0
004.07	Fiber, Crude, ANKOM (%)	2196	15.35	0.0000	15.18	0.8938	0.2479	70	0.19	1%	0
004.07	Fiber, Crude, ANKOM (%)	0596	15.37	0.1600	15.18	0.8938	0.2479	70	0.21	1%	0
004.07	Fiber, Crude, ANKOM (%)	2009	15.40	0.0235	15.18	0.8938	0.2479	70	0.24	1%	0
004.07	Fiber, Crude, ANKOM (%)	0553	15.44	0.0400	15.18	0.8938	0.2479	70	0.29	1%	0
004.07	Fiber, Crude, ANKOM (%)	0413	15.45	0.1000	15.18	0.8938	0.2479	70	0.30	1%	0
004.07	Fiber, Crude, ANKOM (%)	0242	15.50	0.3100	15.18	0.8938	0.2479	70	0.35	1%	0
004.07	Fiber, Crude, ANKOM (%)	0510	15.50	0.2000	15.18	0.8938	0.2479	70	0.35	1%	0
004.07	Fiber, Crude, ANKOM (%)	0948	15.50	0.1800	15.18	0.8938	0.2479	70	0.35	1%	0
004.07	Fiber, Crude, ANKOM (%)	0074	15.57	0.2400	15.18	0.8938	0.2479	70	0.43	1%	0
004.07	Fiber, Crude, ANKOM (%)	0876	15.60	0.0560	15.18	0.8938	0.2479	70	0.46	1%	0
004.07	Fiber, Crude, ANKOM (%)	0263	15.65	0.0420	15.18	0.8938	0.2479	70	0.52	2%	0
004.07	Fiber, Crude, ANKOM (%)	0675	15.69	0.3700	15.18	0.8938	0.2479	70	0.56	2%	0
004.07	Fiber, Crude, ANKOM (%)	0066	15.75	0.2700	15.18	0.8938	0.2479	70	0.63	2%	0
004.07	Fiber, Crude, ANKOM (%)	0003	15.75	0.1000	15.18	0.8938	0.2479	70	0.63	2%	0
004.07	Fiber, Crude, ANKOM (%)	0034	15.86	0.6400	15.18	0.8938	0.2479	70	0.76	2%	0
004.07	Fiber, Crude, ANKOM (%)	2018	15.91	0.0200	15.18	0.8938	0.2479	70	0.81	2%	0
004.07	Fiber, Crude, ANKOM (%)	0016	16.10	0.4000	15.18	0.8938	0.2479	70	1.03	3%	0
004.07	Fiber, Crude, ANKOM (%)	0536	16.16	0.4200	15.18	0.8938	0.2479	70	1.09	3%	0
004.07	Fiber, Crude, ANKOM (%)	0019	16.20	1.120	15.18	0.8938	0.2479	70	1.14	3%	0
004.07	Fiber, Crude, ANKOM (%)	0598	16.23	1.170	15.18	0.8938	0.2479	70	1.17	3%	0
004.07	Fiber, Crude, ANKOM (%)	0278	16.25	0.3000	15.18	0.8938	0.2479	70	1.19	4%	0
004.07	Fiber, Crude, ANKOM (%)	0626	16.43	0.2400	15.18	0.8938	0.2479	70	1.39	4%	0
004.07	Fiber, Crude, ANKOM (%)	2012	16.44	0.2200	15.18	0.8938	0.2479	70	1.41	4%	0
004.07	Fiber, Crude, ANKOM (%)	0089	16.61	0.0200	15.18	0.8938	0.2479	70	1.60	5%	0
004.07	Fiber, Crude, ANKOM (%)	0045	16.75	0.5000	15.18	0.8938	0.2479	70	1.75	5%	0
004.07	Fiber, Crude, ANKOM (%)	0643	16.82	0.2600	15.18	0.8938	0.2479	70	1.83	5%	0
004.07	Fiber, Crude, ANKOM (%)	0529	16.92	0.0900	15.18	0.8938	0.2479	70	1.94	6%	0
004.07	Fiber, Crude, ANKOM (%)	0646	17.77	0.5200	15.18	0.8938	0.2479	70	2.89	9%	0
004.07	Fiber, Crude, ANKOM (%)	0656	18.18	0.2900	15.18	0.8938	0.2479	70	3.35	10%	0
004.07	Fiber, Crude, ANKOM (%)	0693	16.68	1.612	15.18	0.8938	0.2479	70	1.67	5%	1
004.11	Fiber, Crude, NIR (%)	0852	9.680	0.0000	12.40	2.167	0.0350	4			0
004.11	Fiber, Crude, NIR (%)	0011	11.65	0.1000	12.40	2.167	0.0350	4			0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
004.11	Fiber, Crude, NIR (%)	0405	13.91	0.0000	12.40	2.167	0.0350	4			0
004.11	Fiber, Crude, NIR (%)	0889	14.36	0.0400	12.40	2.167	0.0350	4			0
004.11	Fiber, Crude, NIR (%)	2128	13.71	0.3910	12.40	2.167	0.0350	4			1
004.99	Fiber, Crude, Miscellaneous (%)	2144	13.22	0.0100	13.99	0.8468	0.1450	4			0
004.99	Fiber, Crude, Miscellaneous (%)	2146	13.74	0.2400	13.99	0.8468	0.1450	4			0
004.99	Fiber, Crude, Miscellaneous (%)	2033	13.80	0.0000	13.99	0.8468	0.1450	4			0
004.99	Fiber, Crude, Miscellaneous (%)	2126	15.20	0.3300	13.99	0.8468	0.1450	4			0
004.99	Fiber, Crude, Miscellaneous (%)	2248	18.25	1.100	13.99	0.8468	0.1450	4			1
005.00	Ash, 2h @ 600°C (%)	2076	7.648	0.3683	8.230	0.2386	0.0865	92	-2.44	4%	0
005.00	Ash, 2h @ 600°C (%)	0539	7.790	0.0200	8.230	0.2386	0.0865	92	-1.84	3%	0
005.00	Ash, 2h @ 600°C (%)	0169	7.840	0.1000	8.230	0.2386	0.0865	92	-1.63	2%	0
005.00	Ash, 2h @ 600°C (%)	0278	7.850	0.1000	8.230	0.2386	0.0865	92	-1.59	2%	0
005.00	Ash, 2h @ 600°C (%)	2184	7.850	0.0400	8.230	0.2386	0.0865	92	-1.59	2%	0
005.00	Ash, 2h @ 600°C (%)	2033	7.900	0.0000	8.230	0.2386	0.0865	92	-1.38	2%	0
005.00	Ash, 2h @ 600°C (%)	0682	7.920	0.0000	8.230	0.2386	0.0865	92	-1.30	2%	0
005.00	Ash, 2h @ 600°C (%)	0229	7.925	0.0100	8.230	0.2386	0.0865	92	-1.28	2%	0
005.00	Ash, 2h @ 600°C (%)	0874	7.925	0.2500	8.230	0.2386	0.0865	92	-1.28	2%	0
005.00	Ash, 2h @ 600°C (%)	2022	7.925	0.0300	8.230	0.2386	0.0865	92	-1.28	2%	0
005.00	Ash, 2h @ 600°C (%)	0208	7.930	0.0400	8.230	0.2386	0.0865	92	-1.26	2%	0
005.00	Ash, 2h @ 600°C (%)	2199	7.950	0.1000	8.230	0.2386	0.0865	92	-1.17	2%	0
005.00	Ash, 2h @ 600°C (%)	0144	7.975	0.2100	8.230	0.2386	0.0865	92	-1.07	2%	0
005.00	Ash, 2h @ 600°C (%)	0541	7.980	0.1200	8.230	0.2386	0.0865	92	-1.05	2%	0
005.00	Ash, 2h @ 600°C (%)	0589	7.980	0.2200	8.230	0.2386	0.0865	92	-1.05	2%	0
005.00	Ash, 2h @ 600°C (%)	2073	7.985	0.0700	8.230	0.2386	0.0865	92	-1.03	1%	0
005.00	Ash, 2h @ 600°C (%)	0019	7.990	0.3800	8.230	0.2386	0.0865	92	-1.01	1%	0
005.00	Ash, 2h @ 600°C (%)	0357	8.000	0.0000	8.230	0.2386	0.0865	92	-0.96	1%	0
005.00	Ash, 2h @ 600°C (%)	0108	8.010	0.3600	8.230	0.2386	0.0865	92	-0.92	1%	0
005.00	Ash, 2h @ 600°C (%)	0650	8.010	0.0400	8.230	0.2386	0.0865	92	-0.92	1%	0
005.00	Ash, 2h @ 600°C (%)	0425	8.015	0.0100	8.230	0.2386	0.0865	92	-0.90	1%	0
005.00	Ash, 2h @ 600°C (%)	0881	8.015	0.0480	8.230	0.2386	0.0865	92	-0.90	1%	0
005.00	Ash, 2h @ 600°C (%)	0722	8.029	0.0335	8.230	0.2386	0.0865	92	-0.84	1%	0
005.00	Ash, 2h @ 600°C (%)	0123	8.050	0.0200	8.230	0.2386	0.0865	92	-0.75	1%	0
005.00	Ash, 2h @ 600°C (%)	0186	8.055	0.0100	8.230	0.2386	0.0865	92	-0.73	1%	0
005.00	Ash, 2h @ 600°C (%)	0510	8.080	0.1200	8.230	0.2386	0.0865	92	-0.63	1%	0
005.00	Ash, 2h @ 600°C (%)	0953	8.080	0.1800	8.230	0.2386	0.0865	92	-0.63	1%	0
005.00	Ash, 2h @ 600°C (%)	0520	8.085	0.0900	8.230	0.2386	0.0865	92	-0.61	1%	0
005.00	Ash, 2h @ 600°C (%)	0693	8.095	0.1370	8.230	0.2386	0.0865	92	-0.57	1%	0
005.00	Ash, 2h @ 600°C (%)	0853	8.100	0.0000	8.230	0.2386	0.0865	92	-0.55	1%	0
005.00	Ash, 2h @ 600°C (%)	0004	8.110	0.0400	8.230	0.2386	0.0865	92	-0.50	1%	0
005.00	Ash, 2h @ 600°C (%)	0358	8.115	0.0300	8.230	0.2386	0.0865	92	-0.48	1%	0
005.00	Ash, 2h @ 600°C (%)	0598	8.120	0.0600	8.230	0.2386	0.0865	92	-0.46	1%	0
005.00	Ash, 2h @ 600°C (%)	2053	8.150	0.0000	8.230	0.2386	0.0865	92	-0.34	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
005.00	Ash, 2h @ 600°C (%)	0511	8.170	0.2600	8.230	0.2386	0.0865	92	-0.25	0%	0
005.00	Ash, 2h @ 600°C (%)	0027	8.174	0.0160	8.230	0.2386	0.0865	92	-0.23	0%	0
005.00	Ash, 2h @ 600°C (%)	0918	8.175	0.1300	8.230	0.2386	0.0865	92	-0.23	0%	0
005.00	Ash, 2h @ 600°C (%)	0297	8.185	0.0300	8.230	0.2386	0.0865	92	-0.19	0%	0
005.00	Ash, 2h @ 600°C (%)	2246	8.194	0.0088	8.230	0.2386	0.0865	92	-0.15	0%	0
005.00	Ash, 2h @ 600°C (%)	0956	8.200	0.4000	8.230	0.2386	0.0865	92	-0.13	0%	0
005.00	Ash, 2h @ 600°C (%)	2200	8.200	0.0000	8.230	0.2386	0.0865	92	-0.13	0%	0
005.00	Ash, 2h @ 600°C (%)	0083	8.205	0.0300	8.230	0.2386	0.0865	92	-0.11	0%	0
005.00	Ash, 2h @ 600°C (%)	0142	8.210	0.0200	8.230	0.2386	0.0865	92	-0.08	0%	0
005.00	Ash, 2h @ 600°C (%)	2188	8.210	0.0200	8.230	0.2386	0.0865	92	-0.08	0%	0
005.00	Ash, 2h @ 600°C (%)	0164	8.215	0.3500	8.230	0.2386	0.0865	92	-0.06	0%	0
005.00	Ash, 2h @ 600°C (%)	0876	8.242	0.0470	8.230	0.2386	0.0865	92	0.05	0%	0
005.00	Ash, 2h @ 600°C (%)	0870	8.246	0.0747	8.230	0.2386	0.0865	92	0.07	0%	0
005.00	Ash, 2h @ 600°C (%)	0045	8.250	0.0600	8.230	0.2386	0.0865	92	0.08	0%	0
005.00	Ash, 2h @ 600°C (%)	0618	8.265	0.0602	8.230	0.2386	0.0865	92	0.15	0%	0
005.00	Ash, 2h @ 600°C (%)	0353	8.270	0.0200	8.230	0.2386	0.0865	92	0.17	0%	0
005.00	Ash, 2h @ 600°C (%)	0407	8.303	0.0092	8.230	0.2386	0.0865	92	0.31	0%	0
005.00	Ash, 2h @ 600°C (%)	2006	8.310	0.1000	8.230	0.2386	0.0865	92	0.33	0%	0
005.00	Ash, 2h @ 600°C (%)	2150	8.310	0.1000	8.230	0.2386	0.0865	92	0.33	0%	0
005.00	Ash, 2h @ 600°C (%)	2242	8.310	0.1800	8.230	0.2386	0.0865	92	0.33	0%	0
005.00	Ash, 2h @ 600°C (%)	2248	8.310	0.0000	8.230	0.2386	0.0865	92	0.33	0%	0
005.00	Ash, 2h @ 600°C (%)	0505	8.330	0.0000	8.230	0.2386	0.0865	92	0.42	1%	0
005.00	Ash, 2h @ 600°C (%)	0653	8.345	0.0300	8.230	0.2386	0.0865	92	0.48	1%	0
005.00	Ash, 2h @ 600°C (%)	0160	8.350	0.3400	8.230	0.2386	0.0865	92	0.50	1%	0
005.00	Ash, 2h @ 600°C (%)	0047	8.350	0.1000	8.230	0.2386	0.0865	92	0.50	1%	0
005.00	Ash, 2h @ 600°C (%)	0265	8.350	0.1000	8.230	0.2386	0.0865	92	0.50	1%	0
005.00	Ash, 2h @ 600°C (%)	0034	8.356	0.0280	8.230	0.2386	0.0865	92	0.53	1%	0
005.00	Ash, 2h @ 600°C (%)	0298	8.360	0.0200	8.230	0.2386	0.0865	92	0.54	1%	0
005.00	Ash, 2h @ 600°C (%)	0553	8.380	0.0400	8.230	0.2386	0.0865	92	0.63	1%	0
005.00	Ash, 2h @ 600°C (%)	0848	8.380	0.0000	8.230	0.2386	0.0865	92	0.63	1%	0
005.00	Ash, 2h @ 600°C (%)	0563	8.383	0.1066	8.230	0.2386	0.0865	92	0.64	1%	0
005.00	Ash, 2h @ 600°C (%)	0035	8.390	0.0200	8.230	0.2386	0.0865	92	0.67	1%	0
005.00	Ash, 2h @ 600°C (%)	0139	8.390	0.0000	8.230	0.2386	0.0865	92	0.67	1%	0
005.00	Ash, 2h @ 600°C (%)	0656	8.390	0.0600	8.230	0.2386	0.0865	92	0.67	1%	0
005.00	Ash, 2h @ 600°C (%)	0098	8.400	0.0000	8.230	0.2386	0.0865	92	0.71	1%	0
005.00	Ash, 2h @ 600°C (%)	0366	8.400	0.2000	8.230	0.2386	0.0865	92	0.71	1%	0
005.00	Ash, 2h @ 600°C (%)	0354	8.405	0.0100	8.230	0.2386	0.0865	92	0.73	1%	0
005.00	Ash, 2h @ 600°C (%)	0187	8.425	0.0700	8.230	0.2386	0.0865	92	0.82	1%	0
005.00	Ash, 2h @ 600°C (%)	0675	8.425	0.0300	8.230	0.2386	0.0865	92	0.82	1%	0
005.00	Ash, 2h @ 600°C (%)	0948	8.425	0.0900	8.230	0.2386	0.0865	92	0.82	1%	0
005.00	Ash, 2h @ 600°C (%)	0171	8.440	0.0000	8.230	0.2386	0.0865	92	0.88	1%	0
005.00	Ash, 2h @ 600°C (%)	0016	8.445	0.0500	8.230	0.2386	0.0865	92	0.90	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
005.00	Ash, 2h @ 600°C (%)	0504	8.445	0.0700	8.230	0.2386	0.0865	92	0.90	1%	0
005.00	Ash, 2h @ 600°C (%)	2193	8.445	0.0100	8.230	0.2386	0.0865	92	0.90	1%	0
005.00	Ash, 2h @ 600°C (%)	0581	8.450	0.2000	8.230	0.2386	0.0865	92	0.92	1%	0
005.00	Ash, 2h @ 600°C (%)	0596	8.460	0.1200	8.230	0.2386	0.0865	92	0.96	1%	0
005.00	Ash, 2h @ 600°C (%)	2196	8.460	0.0000	8.230	0.2386	0.0865	92	0.96	1%	0
005.00	Ash, 2h @ 600°C (%)	2181	8.470	0.1000	8.230	0.2386	0.0865	92	1.01	1%	0
005.00	Ash, 2h @ 600°C (%)	0646	8.475	0.2900	8.230	0.2386	0.0865	92	1.03	1%	0
005.00	Ash, 2h @ 600°C (%)	0345	8.490	0.0400	8.230	0.2386	0.0865	92	1.09	2%	0
005.00	Ash, 2h @ 600°C (%)	0017	8.500	0.0000	8.230	0.2386	0.0865	92	1.13	2%	0
005.00	Ash, 2h @ 600°C (%)	0100	8.530	0.1800	8.230	0.2386	0.0865	92	1.26	2%	0
005.00	Ash, 2h @ 600°C (%)	0309	8.565	0.0700	8.230	0.2386	0.0865	92	1.40	2%	0
005.00	Ash, 2h @ 600°C (%)	0226	8.590	0.0200	8.230	0.2386	0.0865	92	1.51	2%	0
005.00	Ash, 2h @ 600°C (%)	0242	8.620	0.0600	8.230	0.2386	0.0865	92	1.63	2%	0
005.00	Ash, 2h @ 600°C (%)	0852	8.810	0.0200	8.230	0.2386	0.0865	92	2.43	4%	0
005.00	Ash, 2h @ 600°C (%)	2089	8.830	0.0800	8.230	0.2386	0.0865	92	2.51	4%	0
005.00	Ash, 2h @ 600°C (%)	0643	8.845	0.2500	8.230	0.2386	0.0865	92	2.58	4%	0
005.00	Ash, 2h @ 600°C (%)	0529	8.625	0.5900	8.230	0.2386	0.0865	92	1.65	2%	1
005.02	Ash, LECO (%)	0644	8.565	0.0900				1			0
005.05	Ash, 3h @ 550°C (%)	0726	7.920	0.0000	8.440	0.1943	0.0491	32	-2.68	3%	0
005.05	Ash, 3h @ 550°C (%)	2198	8.045	0.0100	8.440	0.1943	0.0491	32	-2.03	2%	0
005.05	Ash, 3h @ 550°C (%)	0003	8.105	0.0100	8.440	0.1943	0.0491	32	-1.73	2%	0
005.05	Ash, 3h @ 550°C (%)	0413	8.150	0.1000	8.440	0.1943	0.0491	32	-1.49	2%	0
005.05	Ash, 3h @ 550°C (%)	0066	8.195	0.0700	8.440	0.1943	0.0491	32	-1.26	1%	0
005.05	Ash, 3h @ 550°C (%)	0939	8.230	0.0400	8.440	0.1943	0.0491	32	-1.08	1%	0
005.05	Ash, 3h @ 550°C (%)	0904	8.250	0.0600	8.440	0.1943	0.0491	32	-0.98	1%	0
005.05	Ash, 3h @ 550°C (%)	0868	8.355	0.0500	8.440	0.1943	0.0491	32	-0.44	1%	0
005.05	Ash, 3h @ 550°C (%)	2192	8.355	0.1900	8.440	0.1943	0.0491	32	-0.44	1%	0
005.05	Ash, 3h @ 550°C (%)	0263	8.371	0.0180	8.440	0.1943	0.0491	32	-0.36	0%	0
005.05	Ash, 3h @ 550°C (%)	0619	8.375	0.0300	8.440	0.1943	0.0491	32	-0.34	0%	0
005.05	Ash, 3h @ 550°C (%)	2009	8.402	0.0054	8.440	0.1943	0.0491	32	-0.20	0%	0
005.05	Ash, 3h @ 550°C (%)	0849	8.412	0.0240	8.440	0.1943	0.0491	32	-0.15	0%	0
005.05	Ash, 3h @ 550°C (%)	2018	8.415	0.0300	8.440	0.1943	0.0491	32	-0.13	0%	0
005.05	Ash, 3h @ 550°C (%)	0689	8.440	0.0200	8.440	0.1943	0.0491	32	0.00	0%	0
005.05	Ash, 3h @ 550°C (%)	0878	8.460	0.0400	8.440	0.1943	0.0491	32	0.10	0%	0
005.05	Ash, 3h @ 550°C (%)	0889	8.460	0.0800	8.440	0.1943	0.0491	32	0.10	0%	0
005.05	Ash, 3h @ 550°C (%)	2144	8.470	0.0600	8.440	0.1943	0.0491	32	0.15	0%	0
005.05	Ash, 3h @ 550°C (%)	2109	8.480	0.1200	8.440	0.1943	0.0491	32	0.20	0%	0
005.05	Ash, 3h @ 550°C (%)	2012	8.495	0.0700	8.440	0.1943	0.0491	32	0.28	0%	0
005.05	Ash, 3h @ 550°C (%)	2146	8.495	0.0700	8.440	0.1943	0.0491	32	0.28	0%	0
005.05	Ash, 3h @ 550°C (%)	0955	8.545	0.0100	8.440	0.1943	0.0491	32	0.54	1%	0
005.05	Ash, 3h @ 550°C (%)	0590	8.555	0.0300	8.440	0.1943	0.0491	32	0.59	1%	0
005.05	Ash, 3h @ 550°C (%)	2216	8.555	0.0860	8.440	0.1943	0.0491	32	0.59	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
005.05	Ash, 3h @ 550°C (%)	0897	8.580	0.0000	8.440	0.1943	0.0491	32	0.72	1%	0
005.05	Ash, 3h @ 550°C (%)	2190	8.610	0.0200	8.440	0.1943	0.0491	32	0.87	1%	0
005.05	Ash, 3h @ 550°C (%)	0685	8.615	0.0100	8.440	0.1943	0.0491	32	0.90	1%	0
005.05	Ash, 3h @ 550°C (%)	2126	8.640	0.0400	8.440	0.1943	0.0491	32	1.03	1%	0
005.05	Ash, 3h @ 550°C (%)	0294	8.650	0.1000	8.440	0.1943	0.0491	32	1.08	1%	0
005.05	Ash, 3h @ 550°C (%)	0941	8.680	0.1400	8.440	0.1943	0.0491	32	1.23	1%	0
005.05	Ash, 3h @ 550°C (%)	2246	8.683	0.0187	8.440	0.1943	0.0491	32	1.25	1%	0
005.05	Ash, 3h @ 550°C (%)	0190	8.720	0.0200	8.440	0.1943	0.0491	32	1.44	2%	0
005.05	Ash, 3h @ 550°C (%)	2129	8.110	0.3200	8.440	0.1943	0.0491	32	-1.70	2%	1
005.11	Ash, NIR (%)	2128	5.200	0.0306	7.714	2.053	0.1552	4			0
005.11	Ash, NIR (%)	0297	7.310	0.3600	7.714	2.053	0.1552	4			0
005.11	Ash, NIR (%)	0889	8.195	0.1300	7.714	2.053	0.1552	4			0
005.11	Ash, NIR (%)	0852	10.15	0.1000	7.714	2.053	0.1552	4			0
005.99	Ash, Miscellaneous (%)	0574	7.985	0.0100	8.520	0.1708	0.1269	7	-3.13	3%	0
005.99	Ash, Miscellaneous (%)	0202	8.379	0.0780	8.520	0.1708	0.1269	7	-0.83	1%	0
005.99	Ash, Miscellaneous (%)	0629	8.540	0.0200	8.520	0.1708	0.1269	7	0.11	0%	0
005.99	Ash, Miscellaneous (%)	0910	8.550	0.3000	8.520	0.1708	0.1269	7	0.17	0%	0
005.99	Ash, Miscellaneous (%)	0676	8.565	0.0100	8.520	0.1708	0.1269	7	0.26	0%	0
005.99	Ash, Miscellaneous (%)	0652	8.650	0.1000	8.520	0.1708	0.1269	7	0.76	1%	0
005.99	Ash, Miscellaneous (%)	0536	8.695	0.3700	8.520	0.1708	0.1269	7	1.02	1%	0
006.00	Total Sugars, As sucrose (%)	0407	3.560	0.2600				2			0
006.00	Total Sugars, As sucrose (%)	0910	4.380	0.4800				2			0
006.99	Total Sugars, Miscellaneous (%)	0956	4.000	0.4000				1			0
008.02	Fiber, Acid Detergent, Crucible (%)	0590	17.44	0.4000	19.58	0.7400	0.2875	15	-2.90	5%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0948	18.16	0.1000	19.58	0.7400	0.2875	15	-1.93	4%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0504	18.76	0.5800	19.58	0.7400	0.2875	15	-1.11	2%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0098	19.05	0.3700	19.58	0.7400	0.2875	15	-0.73	1%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0353	19.46	0.0800	19.58	0.7400	0.2875	15	-0.17	0%	0
008.02	Fiber, Acid Detergent, Crucible (%)	2192	19.51	0.4400	19.58	0.7400	0.2875	15	-0.10	0%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0689	19.60	0.2000	19.58	0.7400	0.2875	15	0.02	0%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0309	19.66	0.5291	19.58	0.7400	0.2875	15	0.10	0%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0345	19.86	0.1070	19.58	0.7400	0.2875	15	0.37	1%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0226	19.87	0.2300	19.58	0.7400	0.2875	15	0.38	1%	0
008.02	Fiber, Acid Detergent, Crucible (%)	2246	19.96	0.0020	19.58	0.7400	0.2875	15	0.50	1%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0964	19.96	0.6250	19.58	0.7400	0.2875	15	0.51	1%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0187	20.17	0.3100	19.58	0.7400	0.2875	15	0.78	1%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0675	20.29	0.1400	19.58	0.7400	0.2875	15	0.95	2%	0
008.02	Fiber, Acid Detergent, Crucible (%)	2066	20.70	0.2000	19.58	0.7400	0.2875	15	1.51	3%	0
008.05	Fiber, Acid Detergent, Acid Detergent-Hach (%)	0265	20.20	0.8000				1			0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0848	17.37	0.0000	19.54	1.140	0.2473	41	-1.90	6%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0004	17.51	0.3300	19.54	1.140	0.2473	41	-1.78	5%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0035	17.86	0.0500	19.54	1.140	0.2473	41	-1.48	4%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0910	18.14	0.1100	19.54	1.140	0.2473	41	-1.23	4%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0297	18.23	0.4200	19.54	1.140	0.2473	41	-1.15	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0870	18.36	0.7658	19.54	1.140	0.2473	41	-1.03	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0354	18.37	0.0200	19.54	1.140	0.2473	41	-1.03	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0878	18.49	0.3400	19.54	1.140	0.2473	41	-0.92	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0939	18.52	0.1600	19.54	1.140	0.2473	41	-0.89	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2196	18.77	0.1800	19.54	1.140	0.2473	41	-0.68	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2190	18.83	0.2300	19.54	1.140	0.2473	41	-0.63	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0619	18.85	0.1000	19.54	1.140	0.2473	41	-0.61	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0956	18.85	0.7000	19.54	1.140	0.2473	41	-0.61	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0904	19.01	0.5500	19.54	1.140	0.2473	41	-0.47	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0358	19.09	0.0600	19.54	1.140	0.2473	41	-0.39	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0066	19.14	0.4000	19.54	1.140	0.2473	41	-0.35	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0160	19.29	0.2670	19.54	1.140	0.2473	41	-0.22	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0357	19.30	0.2000	19.54	1.140	0.2473	41	-0.21	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0918	19.35	0.0180	19.54	1.140	0.2473	41	-0.16	0%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0083	19.43	0.0900	19.54	1.140	0.2473	41	-0.10	0%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2193	19.55	0.3200	19.54	1.140	0.2473	41	0.01	0%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0263	19.57	0.0330	19.54	1.140	0.2473	41	0.03	0%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0581	19.71	0.2200	19.54	1.140	0.2473	41	0.15	0%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0510	19.75	0.3000	19.54	1.140	0.2473	41	0.18	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0032	19.79	0.0800	19.54	1.140	0.2473	41	0.22	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0190	19.80	0.0000	19.54	1.140	0.2473	41	0.23	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0037	19.96	0.1000	19.54	1.140	0.2473	41	0.37	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0693	19.97	0.2220	19.54	1.140	0.2473	41	0.38	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0413	20.15	0.1000	19.54	1.140	0.2473	41	0.54	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0407	20.26	0.2547	19.54	1.140	0.2473	41	0.63	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0675	20.48	0.0800	19.54	1.140	0.2473	41	0.82	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0016	20.65	0.3000	19.54	1.140	0.2473	41	0.97	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0045	20.65	0.3000	19.54	1.140	0.2473	41	0.97	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0278	20.70	0.4000	19.54	1.140	0.2473	41	1.02	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0294	20.70	0.0000	19.54	1.140	0.2473	41	1.02	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0889	20.81	0.6600	19.54	1.140	0.2473	41	1.11	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0646	20.83	0.6400	19.54	1.140	0.2473	41	1.13	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2012	20.83	0.1200	19.54	1.140	0.2473	41	1.13	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0164	20.95	0.3000	19.54	1.140	0.2473	41	1.24	4%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0726	21.32	0.0100	19.54	1.140	0.2473	41	1.56	5%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0536	23.29	0.7100	19.54	1.140	0.2473	41	3.29	10%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2129	21.07	1.490	19.54	1.140	0.2473	41	1.34	4%	1
008.99	Fiber, Acid Detergent, Miscellaneous (%)	0941	19.23	0.2100				2			0
008.99	Fiber, Acid Detergent, Miscellaneous (%)	0511	19.30	0.4000				2			0
009.04	Fiber, Neutral Detergent, Neutral Det-No ENZ Pretreat (%)	0504	35.85	0.4900				1			0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	2066	33.45	0.1000	37.10	2.222	0.5686	13	-1.64	5%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0910	33.55	0.3000	37.10	2.222	0.5686	13	-1.60	5%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0590	35.39	1.070	37.10	2.222	0.5686	13	-0.77	2%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0187	36.56	0.1800	37.10	2.222	0.5686	13	-0.24	1%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0964	36.87	1.098	37.10	2.222	0.5686	13	-0.10	0%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0689	36.90	0.4000	37.10	2.222	0.5686	13	-0.09	0%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0098	36.95	0.7000	37.10	2.222	0.5686	13	-0.07	0%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0353	37.79	0.6500	37.10	2.222	0.5686	13	0.31	1%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0675	37.82	0.3500	37.10	2.222	0.5686	13	0.32	1%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0345	37.90	0.2500	37.10	2.222	0.5686	13	0.36	1%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0226	38.90	0.9300	37.10	2.222	0.5686	13	0.81	2%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0309	39.23	1.002	37.10	2.222	0.5686	13	0.96	3%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	2246	40.53	0.3611	37.10	2.222	0.5686	13	1.55	5%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	2192	35.55	4.970	37.10	2.222	0.5686	13	-0.70	2%	1
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0848	33.93	0.0000	36.23	1.373	0.3858	40	-1.68	3%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0354	34.04	0.0400	36.23	1.373	0.3858	40	-1.60	3%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0939	34.42	0.0800	36.23	1.373	0.3858	40	-1.32	3%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0598	34.47	0.1900	36.23	1.373	0.3858	40	-1.29	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	2190	34.74	0.0200	36.23	1.373	0.3858	40	-1.09	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0581	34.89	0.2000	36.23	1.373	0.3858	40	-0.98	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0889	35.04	0.7300	36.23	1.373	0.3858	40	-0.87	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0619	35.10	0.4000	36.23	1.373	0.3858	40	-0.83	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0263	35.44	0.1292	36.23	1.373	0.3858	40	-0.58	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0878	35.52	0.2900	36.23	1.373	0.3858	40	-0.52	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0918	35.52	1.006	36.23	1.373	0.3858	40	-0.52	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	2196	35.60	0.0000	36.23	1.373	0.3858	40	-0.46	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0870	35.62	0.4046	36.23	1.373	0.3858	40	-0.45	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0358	35.62	1.040	36.23	1.373	0.3858	40	-0.45	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0160	35.64	0.0100	36.23	1.373	0.3858	40	-0.44	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0083	35.65	0.1200	36.23	1.373	0.3858	40	-0.42	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0413	35.70	0.8000	36.23	1.373	0.3858	40	-0.39	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0510	35.80	0.2000	36.23	1.373	0.3858	40	-0.32	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0294	35.90	0.0000	36.23	1.373	0.3858	40	-0.24	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0278	36.10	0.4000	36.23	1.373	0.3858	40	-0.10	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	2129	36.15	0.3300	36.23	1.373	0.3858	40	-0.06	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	2193	36.15	0.1600	36.23	1.373	0.3858	40	-0.06	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0357	36.25	0.1000	36.23	1.373	0.3858	40	0.01	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0037	36.29	0.3800	36.23	1.373	0.3858	40	0.04	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0164	36.30	0.4000	36.23	1.373	0.3858	40	0.05	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0693	36.51	0.2590	36.23	1.373	0.3858	40	0.20	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0032	36.56	0.6700	36.23	1.373	0.3858	40	0.23	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0956	36.75	1.300	36.23	1.373	0.3858	40	0.38	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0045	36.95	0.3000	36.23	1.373	0.3858	40	0.52	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	2012	37.31	0.5500	36.23	1.373	0.3858	40	0.78	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0265	37.35	0.3000	36.23	1.373	0.3858	40	0.81	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0948	37.48	0.0000	36.23	1.373	0.3858	40	0.91	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0066	37.60	0.3800	36.23	1.373	0.3858	40	1.00	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0675	37.65	0.1500	36.23	1.373	0.3858	40	1.03	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0407	37.67	0.6597	36.23	1.373	0.3858	40	1.04	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0297	38.13	0.7800	36.23	1.373	0.3858	40	1.38	3%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0646	38.79	0.8600	36.23	1.373	0.3858	40	1.86	4%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0536	39.23	0.4650	36.23	1.373	0.3858	40	2.18	4%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0190	40.40	0.4000	36.23	1.373	0.3858	40	3.03	6%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0726	43.60	0.9300	36.23	1.373	0.3858	40	5.36	10%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0904	33.07	2.580	36.23	1.373	0.3858	40	-2.30	4%	1
009.99	Fiber, Neutral Detergent, Miscellaneous (%)	0889	30.65	0.0400				1			0
010.03	Moisture, Karl-Fischer (%)	0164	6.835	0.2900				1			0
010.11	Moisture, NIR (%)	2128	6.934	0.1029				3			0
010.11	Moisture, NIR (%)	0889	8.060	0.0200				3			0
010.11	Moisture, NIR (%)	0852	10.72	0.0100				3			0
010.99	Moisture, Miscellaneous (%)	0726	7.580	0.0000	8.178	0.5277	0.0520	14	-1.13	4%	0
010.99	Moisture, Miscellaneous (%)	0939	7.735	0.0100	8.178	0.5277	0.0520	14	-0.84	3%	0
010.99	Moisture, Miscellaneous (%)	0722	7.770	0.0185	8.178	0.5277	0.0520	14	-0.77	2%	0
010.99	Moisture, Miscellaneous (%)	0948	7.785	0.0300	8.178	0.5277	0.0520	14	-0.74	2%	0
010.99	Moisture, Miscellaneous (%)	0964	7.840	0.0100	8.178	0.5277	0.0520	14	-0.64	2%	0
010.99	Moisture, Miscellaneous (%)	2150	7.920	0.3400	8.178	0.5277	0.0520	14	-0.49	2%	0
010.99	Moisture, Miscellaneous (%)	0952	7.975	0.0100	8.178	0.5277	0.0520	14	-0.38	1%	0
010.99	Moisture, Miscellaneous (%)	0028	8.085	0.0300	8.178	0.5277	0.0520	14	-0.18	1%	0
010.99	Moisture, Miscellaneous (%)	0652	8.200	0.0000	8.178	0.5277	0.0520	14	0.04	0%	0
010.99	Moisture, Miscellaneous (%)	2216	8.430	0.2200	8.178	0.5277	0.0520	14	0.48	2%	0
010.99	Moisture, Miscellaneous (%)	2076	8.540	0.0400	8.178	0.5277	0.0520	14	0.69	2%	0
010.99	Moisture, Miscellaneous (%)	0190	8.690	0.0200	8.178	0.5277	0.0520	14	0.97	3%	0
010.99	Moisture, Miscellaneous (%)	2248	9.030	0.0000	8.178	0.5277	0.0520	14	1.62	5%	0
010.99	Moisture, Miscellaneous (%)	0405	9.610	0.0000	8.178	0.5277	0.0520	14	2.71	9%	0
010.99	Moisture, Miscellaneous (%)	2089	8.585	0.6500	8.178	0.5277	0.0520	14	0.77	2%	1
011.01	Loss on Drying, 135°C 2hr (%)	2031	6.098	0.1944	8.724	0.3683	0.0904	64	-7.13	15%	0
011.01	Loss on Drying, 135°C 2hr (%)	2199	7.100	0.0000	8.724	0.3683	0.0904	64	-4.41	9%	0
011.01	Loss on Drying, 135°C 2hr (%)	2193	7.915	0.0500	8.724	0.3683	0.0904	64	-2.20	5%	0
011.01	Loss on Drying, 135°C 2hr (%)	2200	7.950	0.1000	8.724	0.3683	0.0904	64	-2.10	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	2181	8.070	0.0600	8.724	0.3683	0.0904	64	-1.77	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	0164	8.090	0.1200	8.724	0.3683	0.0904	64	-1.72	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	0536	8.098	0.1050	8.724	0.3683	0.0904	64	-1.70	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	0874	8.115	0.1100	8.724	0.3683	0.0904	64	-1.65	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0598	8.280	0.4000	8.724	0.3683	0.0904	64	-1.20	3%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
011.01	Loss on Drying, 135°C 2hr (%)	0520	8.300	0.0000	8.724	0.3683	0.0904	64	-1.15	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0563	8.323	0.0443	8.724	0.3683	0.0904	64	-1.09	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0541	8.365	0.0700	8.724	0.3683	0.0904	64	-0.97	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	2168	8.380	0.2400	8.724	0.3683	0.0904	64	-0.93	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0646	8.440	0.1400	8.724	0.3683	0.0904	64	-0.77	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0208	8.530	0.0800	8.724	0.3683	0.0904	64	-0.53	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0881	8.538	0.0810	8.724	0.3683	0.0904	64	-0.51	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0298	8.550	0.0200	8.724	0.3683	0.0904	64	-0.47	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0685	8.550	0.0200	8.724	0.3683	0.0904	64	-0.47	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	2033	8.565	0.0300	8.724	0.3683	0.0904	64	-0.43	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0226	8.570	0.1200	8.724	0.3683	0.0904	64	-0.42	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0675	8.590	0.0600	8.724	0.3683	0.0904	64	-0.36	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0953	8.595	0.3300	8.724	0.3683	0.0904	64	-0.35	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	2246	8.595	0.0300	8.724	0.3683	0.0904	64	-0.35	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	2006	8.615	0.0300	8.724	0.3683	0.0904	64	-0.29	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0574	8.645	0.0100	8.724	0.3683	0.0904	64	-0.21	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0653	8.685	0.0300	8.724	0.3683	0.0904	64	-0.10	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0100	8.690	0.1200	8.724	0.3683	0.0904	64	-0.09	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0171	8.695	0.0100	8.724	0.3683	0.0904	64	-0.08	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0047	8.700	0.2000	8.724	0.3683	0.0904	64	-0.06	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0294	8.700	0.0000	8.724	0.3683	0.0904	64	-0.06	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0539	8.720	0.0000	8.724	0.3683	0.0904	64	-0.01	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	2196	8.740	0.0000	8.724	0.3683	0.0904	64	0.04	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0144	8.765	0.2700	8.724	0.3683	0.0904	64	0.11	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0309	8.790	0.0600	8.724	0.3683	0.0904	64	0.18	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	2198	8.790	0.0200	8.724	0.3683	0.0904	64	0.18	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0265	8.800	0.2000	8.724	0.3683	0.0904	64	0.21	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0354	8.815	0.0100	8.724	0.3683	0.0904	64	0.25	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0511	8.820	0.1600	8.724	0.3683	0.0904	64	0.26	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0643	8.850	0.0200	8.724	0.3683	0.0904	64	0.34	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	2073	8.850	0.0400	8.724	0.3683	0.0904	64	0.34	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0510	8.850	0.1000	8.724	0.3683	0.0904	64	0.34	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0870	8.853	0.0752	8.724	0.3683	0.0904	64	0.35	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0242	8.865	0.1100	8.724	0.3683	0.0904	64	0.38	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0263	8.880	0.0400	8.724	0.3683	0.0904	64	0.42	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0123	8.885	0.1300	8.724	0.3683	0.0904	64	0.44	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0160	8.906	0.0250	8.724	0.3683	0.0904	64	0.49	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0955	8.910	0.0400	8.724	0.3683	0.0904	64	0.51	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0682	8.940	0.0000	8.724	0.3683	0.0904	64	0.59	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0098	8.940	0.1200	8.724	0.3683	0.0904	64	0.59	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0202	8.960	0.0220	8.724	0.3683	0.0904	64	0.64	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0205	8.980	0.0200	8.724	0.3683	0.0904	64	0.70	1%	0

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011.01	Loss on Drying, 135°C 2hr (%)	0229	9.000	0.0140	8.724	0.3683	0.0904	64	0.75	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0722	9.037	0.0374	8.724	0.3683	0.0904	64	0.85	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0407	9.064	0.0150	8.724	0.3683	0.0904	64	0.92	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0553	9.075	0.3300	8.724	0.3683	0.0904	64	0.95	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	2184	9.145	0.0100	8.724	0.3683	0.0904	64	1.14	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0618	9.165	0.0100	8.724	0.3683	0.0904	64	1.20	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	2188	9.175	0.2100	8.724	0.3683	0.0904	64	1.23	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0650	9.190	0.0200	8.724	0.3683	0.0904	64	1.27	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0066	9.195	0.1300	8.724	0.3683	0.0904	64	1.28	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0358	9.260	0.1400	8.724	0.3683	0.0904	64	1.46	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0589	9.285	0.0500	8.724	0.3683	0.0904	64	1.52	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0004	9.385	0.0900	8.724	0.3683	0.0904	64	1.80	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	0596	9.550	0.4600	8.724	0.3683	0.0904	64	2.24	5%	0
011.01	Loss on Drying, 135°C 2hr (%)	2242	8.550	0.9000	8.724	0.3683	0.0904	64	-0.47	1%	1
011.01	Loss on Drying, 135°C 2hr (%)	0108	8.655	0.6900	8.724	0.3683	0.0904	64	-0.19	0%	1
011.02	Loss on Drying, 130°C for 2 hours (%)	0425	8.330	0.0400				3			0
011.02	Loss on Drying, 130°C for 2 hours (%)	0942	8.540	0.3200				3			0
011.02	Loss on Drying, 130°C for 2 hours (%)	2022	9.020	0.0000				3			0
011.99	Loss on Drying, High Temp. Methods Miscellaneous (%)	0857	8.400	0.0000				2			0
011.99	Loss on Drying, High Temp. Methods Miscellaneous (%)	0852	9.520	0.1200				2			0
012.00	Starch, Polarimetric (Ewers) (%)	2192	12.24	0.5800	14.65	0.5633	0.1519	14	-4.27	8%	0
012.00	Starch, Polarimetric (Ewers) (%)	0354	13.69	0.0000	14.65	0.5633	0.1519	14	-1.70	3%	0
012.00	Starch, Polarimetric (Ewers) (%)	0689	14.20	0.0000	14.65	0.5633	0.1519	14	-0.79	2%	0
012.00	Starch, Polarimetric (Ewers) (%)	2193	14.24	0.0800	14.65	0.5633	0.1519	14	-0.72	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0619	14.55	0.1000	14.65	0.5633	0.1519	14	-0.17	0%	0
012.00	Starch, Polarimetric (Ewers) (%)	0164	14.60	0.0000	14.65	0.5633	0.1519	14	-0.08	0%	0
012.00	Starch, Polarimetric (Ewers) (%)	2006	14.64	0.1000	14.65	0.5633	0.1519	14	-0.01	0%	0
012.00	Starch, Polarimetric (Ewers) (%)	2188	14.71	0.1300	14.65	0.5633	0.1519	14	0.10	0%	0
012.00	Starch, Polarimetric (Ewers) (%)	2196	14.72	0.0000	14.65	0.5633	0.1519	14	0.13	0%	0
012.00	Starch, Polarimetric (Ewers) (%)	0878	15.00	0.2000	14.65	0.5633	0.1519	14	0.63	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	2009	15.06	0.0170	14.65	0.5633	0.1519	14	0.74	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0939	15.11	0.1100	14.65	0.5633	0.1519	14	0.81	2%	0
012.00	Starch, Polarimetric (Ewers) (%)	0910	15.30	0.6000	14.65	0.5633	0.1519	14	1.16	2%	0
012.00	Starch, Polarimetric (Ewers) (%)	2181	15.33	0.2100	14.65	0.5633	0.1519	14	1.20	2%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0918	10.24	0.0800	12.28	1.363	0.4163	11	-1.50	8%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0676	11.44	0.3800	12.28	1.363	0.4163	11	-0.61	3%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0870	11.48	0.6821	12.28	1.363	0.4163	11	-0.58	3%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0045	11.85	0.3000	12.28	1.363	0.4163	11	-0.31	2%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0160	11.94	0.4900	12.28	1.363	0.4163	11	-0.25	1%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	2242	12.15	0.3000	12.28	1.363	0.4163	11	-0.09	1%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0164	12.20	0.2000	12.28	1.363	0.4163	11	-0.06	0%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0956	12.30	0.6000	12.28	1.363	0.4163	11	0.02	0%	0

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012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0693	12.81	0.4370	12.28	1.363	0.4163	11	0.39	2%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0265	14.75	0.5000	12.28	1.363	0.4163	11	1.81	10%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	2089	15.09	0.6100	12.28	1.363	0.4163	11	2.06	11%	0
012.03	Starch, Enzymatic-Colorimetric Method, Miscellaneous (%)	0407	12.71	0.1600	13.28	0.5990	0.3220	5			0
012.03	Starch, Enzymatic-Colorimetric Method, Miscellaneous (%)	0297	12.76	0.5300	13.28	0.5990	0.3220	5			0
012.03	Starch, Enzymatic-Colorimetric Method, Miscellaneous (%)	0955	13.35	0.7000	13.28	0.5990	0.3220	5			0
012.03	Starch, Enzymatic-Colorimetric Method, Miscellaneous (%)	0889	13.42	0.0800	13.28	0.5990	0.3220	5			0
012.03	Starch, Enzymatic-Colorimetric Method, Miscellaneous (%)	0066	14.18	0.1400	13.28	0.5990	0.3220	5			0
012.04	Starch, Enzymatic-Enzyme Membrane Technology (YSI) (	0510	11.75	0.1000				3			0
012.04	Starch, Enzymatic-Enzyme Membrane Technology (YSI) (	0353	11.80	0.0500				3			0
012.04	Starch, Enzymatic-Enzyme Membrane Technology (YSI) (	0278	12.85	0.1000				3			0
012.04	Starch, Enzymatic-Enzyme Membrane Technology (YSI) (	0948	13.76	0.6300				3			1
012.11	Starch, NIR (%)	0889	0.9750	0.0100	14.25	9.780	0.1643	4			0
012.11	Starch, NIR (%)	0297	14.52	0.1900	14.25	9.780	0.1643	4			0
012.11	Starch, NIR (%)	2128	17.16	0.3970	14.25	9.780	0.1643	4			0
012.11	Starch, NIR (%)	0852	24.36	0.0600	14.25	9.780	0.1643	4			0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0618	7.307	0.4993	9.085	0.7918	0.2303	18	-2.24	10%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	2073	7.840	0.1800	9.085	0.7918	0.2303	18	-1.57	7%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0407	8.220	0.1400	9.085	0.7918	0.2303	18	-1.09	5%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0242	8.335	0.3100	9.085	0.7918	0.2303	18	-0.95	4%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0504	8.350	0.5600	9.085	0.7918	0.2303	18	-0.93	4%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0689	8.800	0.2000	9.085	0.7918	0.2303	18	-0.36	2%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0297	8.810	0.1600	9.085	0.7918	0.2303	18	-0.35	2%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0541	9.010	0.2800	9.085	0.7918	0.2303	18	-0.09	0%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0139	9.265	0.1700	9.085	0.7918	0.2303	18	0.23	1%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0910	9.390	0.0800	9.085	0.7918	0.2303	18	0.39	2%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0948	9.470	0.0800	9.085	0.7918	0.2303	18	0.49	2%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	2146	9.510	0.4200	9.085	0.7918	0.2303	18	0.54	2%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0229	9.520	0.0400	9.085	0.7918	0.2303	18	0.55	2%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0652	9.550	0.1000	9.085	0.7918	0.2303	18	0.59	3%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0309	9.640	0.1841	9.085	0.7918	0.2303	18	0.70	3%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	2076	9.880	0.1922	9.085	0.7918	0.2303	18	1.00	4%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	2150	9.910	0.1600	9.085	0.7918	0.2303	18	1.04	5%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0202	10.07	0.3900	9.085	0.7918	0.2303	18	1.25	5%	0
013.02	Fat, Acid Pretreat, Mojonniier, Bak Ext (%)	0853	7.715	0.4700	9.550	0.6418	0.2868	18	-2.86	10%	0
013.02	Fat, Acid Pretreat, Mojonniier, Bak Ext (%)	0100	8.725	0.3100	9.550	0.6418	0.2868	18	-1.29	4%	0
013.02	Fat, Acid Pretreat, Mojonniier, Bak Ext (%)	0016	8.745	0.4300	9.550	0.6418	0.2868	18	-1.25	4%	0
013.02	Fat, Acid Pretreat, Mojonniier, Bak Ext (%)	0650	9.025	0.4300	9.550	0.6418	0.2868	18	-0.82	3%	0
013.02	Fat, Acid Pretreat, Mojonniier, Bak Ext (%)	0098	9.125	0.0300	9.550	0.6418	0.2868	18	-0.66	2%	0
013.02	Fat, Acid Pretreat, Mojonniier, Bak Ext (%)	0675	9.300	0.1000	9.550	0.6418	0.2868	18	-0.39	1%	0
013.02	Fat, Acid Pretreat, Mojonniier, Bak Ext (%)	0074	9.440	0.0600	9.550	0.6418	0.2868	18	-0.17	1%	0
013.02	Fat, Acid Pretreat, Mojonniier, Bak Ext (%)	0870	9.490	0.0819	9.550	0.6418	0.2868	18	-0.09	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
013.02	Fat, Acid Pretreat, Mojonniier, Bak Ext (%)	0171	9.495	0.1700	9.550	0.6418	0.2868	18	-0.09	0%	0
013.02	Fat, Acid Pretreat, Mojonniier, Bak Ext (%)	0682	9.520	0.0000	9.550	0.6418	0.2868	18	-0.05	0%	0
013.02	Fat, Acid Pretreat, Mojonniier, Bak Ext (%)	0874	9.605	0.5100	9.550	0.6418	0.2868	18	0.09	0%	0
013.02	Fat, Acid Pretreat, Mojonniier, Bak Ext (%)	2033	9.695	0.2700	9.550	0.6418	0.2868	18	0.23	1%	0
013.02	Fat, Acid Pretreat, Mojonniier, Bak Ext (%)	0164	10.03	0.2200	9.550	0.6418	0.2868	18	0.75	3%	0
013.02	Fat, Acid Pretreat, Mojonniier, Bak Ext (%)	0010	10.05	0.7000	9.550	0.6418	0.2868	18	0.78	3%	0
013.02	Fat, Acid Pretreat, Mojonniier, Bak Ext (%)	0354	10.15	0.0400	9.550	0.6418	0.2868	18	0.93	3%	0
013.02	Fat, Acid Pretreat, Mojonniier, Bak Ext (%)	0676	10.18	0.0300	9.550	0.6418	0.2868	18	0.97	3%	0
013.02	Fat, Acid Pretreat, Mojonniier, Bak Ext (%)	0643	10.24	0.1900	9.550	0.6418	0.2868	18	1.07	4%	0
013.02	Fat, Acid Pretreat, Mojonniier, Bak Ext (%)	0553	10.75	1.120	9.550	0.6418	0.2868	18	1.87	6%	0
013.08	Fat, Base Pretreat, Roese-Gottlieb Modified (%)	0618	6.998	0.3467				1			0
013.10	Fat, Acid Pretreat, Soxtec-Acid Hydrolysis (%)	0036	8.818	0.0102				3			0
013.10	Fat, Acid Pretreat, Soxtec-Acid Hydrolysis (%)	2196	8.980	0.0000				3			0
013.10	Fat, Acid Pretreat, Soxtec-Acid Hydrolysis (%)	2006	9.260	0.0600				3			0
013.10	Fat, Acid Pretreat, Soxtec-Acid Hydrolysis (%)	0353	11.02	0.6100				3			1
013.12	Fat, Acid Pretreat, NIR- Acid Hydrolysis (%)	2128	8.604	0.0398				1			0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0407	8.106	0.1215	9.561	1.223	0.3219	7	-1.19	8%	0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0939	8.840	0.0800	9.561	1.223	0.3219	7	-0.59	4%	0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0904	8.920	0.1600	9.561	1.223	0.3219	7	-0.52	3%	0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0955	9.670	0.1400	9.561	1.223	0.3219	7	0.09	1%	0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0265	9.705	0.3900	9.561	1.223	0.3219	7	0.12	1%	0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0027	10.29	0.3220	9.561	1.223	0.3219	7	0.60	4%	0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0581	12.73	1.040	9.561	1.223	0.3219	7	2.59	17%	0
015.41	Aluminum, ICP, Dry ash (mg / kg (ppm))	0407	172.2	0.4948	182.8	9.477	0.9487	4			0
015.41	Aluminum, ICP, Dry ash (mg / kg (ppm))	0520	178.5	1.000	182.8	9.477	0.9487	4			0
015.41	Aluminum, ICP, Dry ash (mg / kg (ppm))	0171	186.6	0.3000	182.8	9.477	0.9487	4			0
015.41	Aluminum, ICP, Dry ash (mg / kg (ppm))	0164	194.0	2.000	182.8	9.477	0.9487	4			0
015.41	Aluminum, ICP, Dry ash (mg / kg (ppm))	0964	252.8	5.034	182.8	9.477	0.9487	4			2
015.42	Aluminum, ICP, Open vessel (mg / kg (ppm))	0560	192.2	6.000				1			0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0169	186.5	13.00	207.0	16.68	25.52	7	-1.23	5%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0510	194.5	11.00	207.0	16.68	25.52	7	-0.75	3%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0297	201.5	43.00	207.0	16.68	25.52	7	-0.33	1%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0345	209.9	3.300	207.0	16.68	25.52	7	0.17	1%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0918	211.9	37.32	207.0	16.68	25.52	7	0.30	1%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0425	212.7	49.00	207.0	16.68	25.52	7	0.34	1%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0353	234.0	22.00	207.0	16.68	25.52	7	1.62	7%	0
015.52	Aluminum, ICP-MS, Open vessel (mg / kg (ppm))	0186	131.5	3.000				1			0
015.53	Aluminum, ICP-MS, Microwave (mg / kg (ppm))	0413	208.8	10.40				1			0
017.41	Boron, ICP, Dry ash (mg / kg (ppm))	0358	10.54	0.0400	11.47	0.7499	0.1849	4			0
017.41	Boron, ICP, Dry ash (mg / kg (ppm))	0407	11.25	0.3697	11.47	0.7499	0.1849	4			0
017.41	Boron, ICP, Dry ash (mg / kg (ppm))	0226	11.82	0.0900	11.47	0.7499	0.1849	4			0
017.41	Boron, ICP, Dry ash (mg / kg (ppm))	0171	12.28	0.2400	11.47	0.7499	0.1849	4			0

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017.41	Boron, ICP, Dry ash (mg / kg (ppm))	0229	11.35	1.900	11.47	0.7499	0.1849	4			1
017.42	Boron, ICP, Open vessel (mg / kg (ppm))	0045	10.14	2.520	11.01	0.8991	0.9358	6	-0.96	4%	0
017.42	Boron, ICP, Open vessel (mg / kg (ppm))	0560	10.50	1.010	11.01	0.8991	0.9358	6	-0.57	2%	0
017.42	Boron, ICP, Open vessel (mg / kg (ppm))	0693	10.66	0.1850	11.01	0.8991	0.9358	6	-0.39	2%	0
017.42	Boron, ICP, Open vessel (mg / kg (ppm))	2053	10.95	0.9000	11.01	0.8991	0.9358	6	-0.06	0%	0
017.42	Boron, ICP, Open vessel (mg / kg (ppm))	0294	11.44	0.0000	11.01	0.8991	0.9358	6	0.48	2%	0
017.42	Boron, ICP, Open vessel (mg / kg (ppm))	0265	13.00	1.000	11.01	0.8991	0.9358	6	2.22	9%	0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0297	6.000	0.0000	10.50	2.677	0.2140	5			0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0345	10.46	0.2800	10.50	2.677	0.2140	5			0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0918	11.35	0.3900	10.50	2.677	0.2140	5			0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0083	11.70	0.4000	10.50	2.677	0.2140	5			0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0510	13.00	0.0000	10.50	2.677	0.2140	5			0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0353	13.00	2.000	10.50	2.677	0.2140	5			1
017.53	Boron, ICP-MS, Microwave (mg / kg (ppm))	0413	13.45	0.7000				1			0
019.00	Calcium, Ox-Mn04 Vol. (%)	2109	1.120	0.0990	1.203	0.0818	0.0380	8	-1.03	3%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2022	1.155	0.0100	1.203	0.0818	0.0380	8	-0.59	2%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2006	1.158	0.0750	1.203	0.0818	0.0380	8	-0.56	2%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0881	1.169	0.0600	1.203	0.0818	0.0380	8	-0.42	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0878	1.190	0.0200	1.203	0.0818	0.0380	8	-0.16	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2144	1.215	0.0100	1.203	0.0818	0.0380	8	0.14	0%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0897	1.295	0.0100	1.203	0.0818	0.0380	8	1.12	4%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2181	1.380	0.0200	1.203	0.0818	0.0380	8	2.16	7%	0
019.02	Calcium, Hach Method (%)	2128	1.284	0.1210				1			0
019.03	Calcium, Semiauto (Autoanalyzer) (%)	0036	1.253	0.0038				1			0
019.08	Calcium, EDTA (%)	0689	1.185	0.0300	1.236	0.0416	0.0246	12	-1.23	2%	0
019.08	Calcium, EDTA (%)	2009	1.193	0.0016	1.236	0.0416	0.0246	12	-1.04	2%	0
019.08	Calcium, EDTA (%)	0629	1.195	0.0100	1.236	0.0416	0.0246	12	-0.99	2%	0
019.08	Calcium, EDTA (%)	0590	1.210	0.0200	1.236	0.0416	0.0246	12	-0.63	1%	0
019.08	Calcium, EDTA (%)	2031	1.216	0.0061	1.236	0.0416	0.0246	12	-0.48	1%	0
019.08	Calcium, EDTA (%)	2196	1.240	0.0000	1.236	0.0416	0.0246	12	0.09	0%	0
019.08	Calcium, EDTA (%)	0849	1.244	0.0070	1.236	0.0416	0.0246	12	0.18	0%	0
019.08	Calcium, EDTA (%)	2199	1.250	0.1000	1.236	0.0416	0.0246	12	0.33	1%	0
019.08	Calcium, EDTA (%)	2200	1.250	0.1000	1.236	0.0416	0.0246	12	0.33	1%	0
019.08	Calcium, EDTA (%)	2190	1.272	0.0008	1.236	0.0416	0.0246	12	0.86	1%	0
019.08	Calcium, EDTA (%)	2188	1.280	0.0000	1.236	0.0416	0.0246	12	1.06	2%	0
019.08	Calcium, EDTA (%)	2193	1.300	0.0200	1.236	0.0416	0.0246	12	1.54	3%	0
019.08	Calcium, EDTA (%)	0852	1.100	0.2000	1.236	0.0416	0.0246	12	-3.27	6%	1
019.09	Calcium, Ion-selective electrode (%)	2006	1.422	0.0330				1			0
019.31	Calcium, AAS, Dry ash (%)	0536	1.095	0.0900	1.200	0.0674	0.0356	24	-1.55	4%	0
019.31	Calcium, AAS, Dry ash (%)	0596	1.105	0.1100	1.200	0.0674	0.0356	24	-1.40	4%	0
019.31	Calcium, AAS, Dry ash (%)	0904	1.105	0.0300	1.200	0.0674	0.0356	24	-1.40	4%	0
019.31	Calcium, AAS, Dry ash (%)	0656	1.115	0.0100	1.200	0.0674	0.0356	24	-1.26	4%	0

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019.31	Calcium, AAS, Dry ash (%)	0948	1.139	0.0380	1.200	0.0674	0.0356	24	-0.90	3%	0
019.31	Calcium, AAS, Dry ash (%)	0874	1.155	0.0100	1.200	0.0674	0.0356	24	-0.66	2%	0
019.31	Calcium, AAS, Dry ash (%)	0563	1.157	0.1062	1.200	0.0674	0.0356	24	-0.63	2%	0
019.31	Calcium, AAS, Dry ash (%)	2198	1.175	0.0100	1.200	0.0674	0.0356	24	-0.36	1%	0
019.31	Calcium, AAS, Dry ash (%)	2144	1.190	0.0200	1.200	0.0674	0.0356	24	-0.14	0%	0
019.31	Calcium, AAS, Dry ash (%)	0722	1.192	0.0152	1.200	0.0674	0.0356	24	-0.12	0%	0
019.31	Calcium, AAS, Dry ash (%)	2018	1.200	0.0200	1.200	0.0674	0.0356	24	0.01	0%	0
019.31	Calcium, AAS, Dry ash (%)	0208	1.202	0.0270	1.200	0.0674	0.0356	24	0.03	0%	0
019.31	Calcium, AAS, Dry ash (%)	2246	1.206	0.0002	1.200	0.0674	0.0356	24	0.09	0%	0
019.31	Calcium, AAS, Dry ash (%)	0354	1.210	0.0000	1.200	0.0674	0.0356	24	0.15	0%	0
019.31	Calcium, AAS, Dry ash (%)	0687	1.210	0.1200	1.200	0.0674	0.0356	24	0.15	0%	0
019.31	Calcium, AAS, Dry ash (%)	0939	1.220	0.0000	1.200	0.0674	0.0356	24	0.30	1%	0
019.31	Calcium, AAS, Dry ash (%)	0868	1.235	0.0500	1.200	0.0674	0.0356	24	0.53	1%	0
019.31	Calcium, AAS, Dry ash (%)	2196	1.240	0.0000	1.200	0.0674	0.0356	24	0.60	2%	0
019.31	Calcium, AAS, Dry ash (%)	0142	1.247	0.0436	1.200	0.0674	0.0356	24	0.71	2%	0
019.31	Calcium, AAS, Dry ash (%)	0529	1.260	0.0400	1.200	0.0674	0.0356	24	0.90	3%	0
019.31	Calcium, AAS, Dry ash (%)	0108	1.265	0.0300	1.200	0.0674	0.0356	24	0.97	3%	0
019.31	Calcium, AAS, Dry ash (%)	0001	1.274	0.0260	1.200	0.0674	0.0356	24	1.10	3%	0
019.31	Calcium, AAS, Dry ash (%)	2126	1.290	0.0400	1.200	0.0674	0.0356	24	1.34	4%	0
019.31	Calcium, AAS, Dry ash (%)	2248	1.484	0.0170	1.200	0.0674	0.0356	24	4.21	12%	0
019.32	Calcium, AAS, Open vessel (%)	0169	1.200	0.0000				1			0
019.33	Calcium, AAS, Microwave (%)	0612	1.250	0.0200				1			0
019.35	Calcium, AAS, Open vessel (%)	2216	1.205	0.0300				1			0
019.41	Calcium, ICP, Dry ash (%)	0144	1.045	0.0500	1.203	0.0579	0.0244	26	-2.72	7%	0
019.41	Calcium, ICP, Dry ash (%)	0520	1.055	0.0500	1.203	0.0579	0.0244	26	-2.55	6%	0
019.41	Calcium, ICP, Dry ash (%)	0229	1.140	0.0230	1.203	0.0579	0.0244	26	-1.09	3%	0
019.41	Calcium, ICP, Dry ash (%)	2012	1.140	0.0200	1.203	0.0579	0.0244	26	-1.08	3%	0
019.41	Calcium, ICP, Dry ash (%)	0171	1.155	0.0100	1.203	0.0579	0.0244	26	-0.82	2%	0
019.41	Calcium, ICP, Dry ash (%)	0123	1.160	0.0200	1.203	0.0579	0.0244	26	-0.74	2%	0
019.41	Calcium, ICP, Dry ash (%)	0298	1.160	0.0200	1.203	0.0579	0.0244	26	-0.74	2%	0
019.41	Calcium, ICP, Dry ash (%)	0405	1.170	0.0000	1.203	0.0579	0.0244	26	-0.56	1%	0
019.41	Calcium, ICP, Dry ash (%)	0139	1.175	0.0100	1.203	0.0579	0.0244	26	-0.48	1%	0
019.41	Calcium, ICP, Dry ash (%)	0511	1.175	0.0700	1.203	0.0579	0.0244	26	-0.48	1%	0
019.41	Calcium, ICP, Dry ash (%)	0164	1.185	0.0100	1.203	0.0579	0.0244	26	-0.31	1%	0
019.41	Calcium, ICP, Dry ash (%)	0074	1.190	0.0000	1.203	0.0579	0.0244	26	-0.22	1%	0
019.41	Calcium, ICP, Dry ash (%)	0358	1.200	0.0400	1.203	0.0579	0.0244	26	-0.05	0%	0
019.41	Calcium, ICP, Dry ash (%)	0619	1.200	0.0400	1.203	0.0579	0.0244	26	-0.05	0%	0
019.41	Calcium, ICP, Dry ash (%)	0019	1.210	0.0200	1.203	0.0579	0.0244	26	0.13	0%	0
019.41	Calcium, ICP, Dry ash (%)	0653	1.216	0.0100	1.203	0.0579	0.0244	26	0.23	1%	0
019.41	Calcium, ICP, Dry ash (%)	0848	1.230	0.0000	1.203	0.0579	0.0244	26	0.47	1%	0
019.41	Calcium, ICP, Dry ash (%)	0910	1.230	0.0200	1.203	0.0579	0.0244	26	0.47	1%	0
019.41	Calcium, ICP, Dry ash (%)	0407	1.236	0.0409	1.203	0.0579	0.0244	26	0.58	1%	0

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019.41	Calcium, ICP, Dry ash (%)	0098	1.245	0.0100	1.203	0.0579	0.0244	26	0.73	2%	0
019.41	Calcium, ICP, Dry ash (%)	0011	1.253	0.0555	1.203	0.0579	0.0244	26	0.87	2%	0
019.41	Calcium, ICP, Dry ash (%)	0208	1.254	0.0450	1.203	0.0579	0.0244	26	0.88	2%	0
019.41	Calcium, ICP, Dry ash (%)	0226	1.270	0.0000	1.203	0.0579	0.0244	26	1.16	3%	0
019.41	Calcium, ICP, Dry ash (%)	0878	1.270	0.0400	1.203	0.0579	0.0244	26	1.16	3%	0
019.41	Calcium, ICP, Dry ash (%)	0598	1.285	0.0300	1.203	0.0579	0.0244	26	1.42	3%	0
019.41	Calcium, ICP, Dry ash (%)	0413	1.300	0.0000	1.203	0.0579	0.0244	26	1.68	4%	0
019.41	Calcium, ICP, Dry ash (%)	0003	1.320	0.4400	1.203	0.0579	0.0244	26	2.03	5%	1
019.42	Calcium, ICP, Open vessel (%)	2129	0.9535	0.0590	1.221	0.0734	0.0300	21	-3.65	11%	0
019.42	Calcium, ICP, Open vessel (%)	0263	1.132	0.0001	1.221	0.0734	0.0300	21	-1.22	4%	0
019.42	Calcium, ICP, Open vessel (%)	0205	1.150	0.0000	1.221	0.0734	0.0300	21	-0.97	3%	0
019.42	Calcium, ICP, Open vessel (%)	2053	1.150	0.1000	1.221	0.0734	0.0300	21	-0.97	3%	0
019.42	Calcium, ICP, Open vessel (%)	0294	1.170	0.0000	1.221	0.0734	0.0300	21	-0.70	2%	0
019.42	Calcium, ICP, Open vessel (%)	0560	1.179	0.0286	1.221	0.0734	0.0300	21	-0.58	2%	0
019.42	Calcium, ICP, Open vessel (%)	0045	1.180	0.0400	1.221	0.0734	0.0300	21	-0.56	2%	0
019.42	Calcium, ICP, Open vessel (%)	0366	1.180	0.0000	1.221	0.0734	0.0300	21	-0.56	2%	0
019.42	Calcium, ICP, Open vessel (%)	0693	1.191	0.0080	1.221	0.0734	0.0300	21	-0.41	1%	0
019.42	Calcium, ICP, Open vessel (%)	0265	1.205	0.0100	1.221	0.0734	0.0300	21	-0.22	1%	0
019.42	Calcium, ICP, Open vessel (%)	0357	1.224	0.0466	1.221	0.0734	0.0300	21	0.04	0%	0
019.42	Calcium, ICP, Open vessel (%)	0870	1.226	0.0850	1.221	0.0734	0.0300	21	0.06	0%	0
019.42	Calcium, ICP, Open vessel (%)	0187	1.240	0.0000	1.221	0.0734	0.0300	21	0.25	1%	0
019.42	Calcium, ICP, Open vessel (%)	0035	1.245	0.0300	1.221	0.0734	0.0300	21	0.32	1%	0
019.42	Calcium, ICP, Open vessel (%)	0278	1.245	0.0500	1.221	0.0734	0.0300	21	0.32	1%	0
019.42	Calcium, ICP, Open vessel (%)	0160	1.278	0.0810	1.221	0.0734	0.0300	21	0.77	2%	0
019.42	Calcium, ICP, Open vessel (%)	0186	1.285	0.0100	1.221	0.0734	0.0300	21	0.87	3%	0
019.42	Calcium, ICP, Open vessel (%)	0037	1.295	0.0300	1.221	0.0734	0.0300	21	1.00	3%	0
019.42	Calcium, ICP, Open vessel (%)	0726	1.307	0.0120	1.221	0.0734	0.0300	21	1.17	4%	0
019.42	Calcium, ICP, Open vessel (%)	0190	1.325	0.0100	1.221	0.0734	0.0300	21	1.41	4%	0
019.42	Calcium, ICP, Open vessel (%)	0685	1.425	0.0300	1.221	0.0734	0.0300	21	2.78	8%	0
019.43	Calcium, ICP, Microwave (%)	0425	1.065	0.0500	1.214	0.0607	0.0233	24	-2.46	6%	0
019.43	Calcium, ICP, Microwave (%)	2192	1.080	0.0000	1.214	0.0607	0.0233	24	-2.21	6%	0
019.43	Calcium, ICP, Microwave (%)	0510	1.135	0.0100	1.214	0.0607	0.0233	24	-1.31	3%	0
019.43	Calcium, ICP, Microwave (%)	0036	1.143	0.0069	1.214	0.0607	0.0233	24	-1.18	3%	0
019.43	Calcium, ICP, Microwave (%)	0297	1.170	0.0400	1.214	0.0607	0.0233	24	-0.73	2%	0
019.43	Calcium, ICP, Microwave (%)	2089	1.180	0.0000	1.214	0.0607	0.0233	24	-0.57	1%	0
019.43	Calcium, ICP, Microwave (%)	0202	1.181	0.0030	1.214	0.0607	0.0233	24	-0.56	1%	0
019.43	Calcium, ICP, Microwave (%)	0089	1.185	0.0100	1.214	0.0607	0.0233	24	-0.49	1%	0
019.43	Calcium, ICP, Microwave (%)	2033	1.200	0.0000	1.214	0.0607	0.0233	24	-0.24	1%	0
019.43	Calcium, ICP, Microwave (%)	0083	1.207	0.0210	1.214	0.0607	0.0233	24	-0.13	0%	0
019.43	Calcium, ICP, Microwave (%)	0017	1.210	0.0140	1.214	0.0607	0.0233	24	-0.07	0%	0
019.43	Calcium, ICP, Microwave (%)	0345	1.215	0.0100	1.214	0.0607	0.0233	24	0.01	0%	0
019.43	Calcium, ICP, Microwave (%)	0629	1.215	0.0300	1.214	0.0607	0.0233	24	0.01	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
019.43	Calcium, ICP, Microwave (%)	0918	1.216	0.0280	1.214	0.0607	0.0233	24	0.02	0%	0
019.43	Calcium, ICP, Microwave (%)	0033	1.220	0.0000	1.214	0.0607	0.0233	24	0.09	0%	0
019.43	Calcium, ICP, Microwave (%)	0505	1.225	0.0900	1.214	0.0607	0.0233	24	0.17	0%	0
019.43	Calcium, ICP, Microwave (%)	0010	1.235	0.0100	1.214	0.0607	0.0233	24	0.34	1%	0
019.43	Calcium, ICP, Microwave (%)	0027	1.268	0.0420	1.214	0.0607	0.0233	24	0.88	2%	0
019.43	Calcium, ICP, Microwave (%)	0964	1.269	0.0083	1.214	0.0607	0.0233	24	0.89	2%	0
019.43	Calcium, ICP, Microwave (%)	0682	1.270	0.0000	1.214	0.0607	0.0233	24	0.91	2%	0
019.43	Calcium, ICP, Microwave (%)	0006	1.278	0.0860	1.214	0.0607	0.0233	24	1.05	3%	0
019.43	Calcium, ICP, Microwave (%)	0353	1.285	0.0500	1.214	0.0607	0.0233	24	1.16	3%	0
019.43	Calcium, ICP, Microwave (%)	0098	1.290	0.0400	1.214	0.0607	0.0233	24	1.24	3%	0
019.43	Calcium, ICP, Microwave (%)	0035	1.325	0.0100	1.214	0.0607	0.0233	24	1.82	5%	0
019.44	Calcium, ICP, Dry ash (%)	0955	1.200	0.0200				1			0
019.51	Calcium, ICP-MS, Dry ash (%)	2146	1.285	0.0100				1			0
019.52	Calcium, ICP-MS, Open vessel (%)	0154	1.167	0.0984	1.224	0.0434	0.0446	4			0
019.52	Calcium, ICP-MS, Open vessel (%)	0047	1.215	0.0100	1.224	0.0434	0.0446	4			0
019.52	Calcium, ICP-MS, Open vessel (%)	0186	1.250	0.0200	1.224	0.0434	0.0446	4			0
019.52	Calcium, ICP-MS, Open vessel (%)	0016	1.265	0.0500	1.224	0.0434	0.0446	4			0
019.53	Calcium, ICP-MS, Microwave (%)	0413	0.9950	0.0300				3			0
019.53	Calcium, ICP-MS, Microwave (%)	2055	1.096	0.0336				3			0
019.53	Calcium, ICP-MS, Microwave (%)	0572	1.300	0.0800				3			0
019.99	Calcium, Miscellaneous (%)	0676	1.150	0.0800	1.241	0.0738	0.0475	4			0
019.99	Calcium, Miscellaneous (%)	0242	1.235	0.0100	1.241	0.0738	0.0475	4			0
019.99	Calcium, Miscellaneous (%)	0590	1.250	0.0400	1.241	0.0738	0.0475	4			0
019.99	Calcium, Miscellaneous (%)	0100	1.330	0.0600	1.241	0.0738	0.0475	4			0
019.99	Calcium, Miscellaneous (%)	0889	25.37	0.0000	1.241	0.0738	0.0475	4			2
021.31	Cobalt, AAS, Dry ash (mg / kg (ppm))	2248	11.76	0.0000	15.58	4.810	0.5050	4			0
021.31	Cobalt, AAS, Dry ash (mg / kg (ppm))	0208	13.00	1.000	15.58	4.810	0.5050	4			0
021.31	Cobalt, AAS, Dry ash (mg / kg (ppm))	0939	15.07	0.0200	15.58	4.810	0.5050	4			0
021.31	Cobalt, AAS, Dry ash (mg / kg (ppm))	0164	22.50	1.000	15.58	4.810	0.5050	4			0
021.41	Cobalt, ICP, Dry ash (mg / kg (ppm))	0619	8.465	0.1100	11.70	2.020	0.3660	5			0
021.41	Cobalt, ICP, Dry ash (mg / kg (ppm))	0955	11.20	0.6000	11.70	2.020	0.3660	5			0
021.41	Cobalt, ICP, Dry ash (mg / kg (ppm))	0407	12.30	0.0539	11.70	2.020	0.3660	5			0
021.41	Cobalt, ICP, Dry ash (mg / kg (ppm))	0171	12.85	0.1000	11.70	2.020	0.3660	5			0
021.41	Cobalt, ICP, Dry ash (mg / kg (ppm))	0011	13.68	0.9660	11.70	2.020	0.3660	5			0
021.42	Cobalt, ICP, Open vessel (mg / kg (ppm))	0560	10.18	0.6300				3			0
021.42	Cobalt, ICP, Open vessel (mg / kg (ppm))	0045	10.50	0.0000				3			0
021.42	Cobalt, ICP, Open vessel (mg / kg (ppm))	0693	10.54	2.016				3			0
021.42	Cobalt, ICP, Open vessel (mg / kg (ppm))	0186	6.000	0.0000				3			2
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0345	10.25	0.5000	12.46	1.622	0.3421	5			0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0169	11.25	0.1000	12.46	1.622	0.3421	5			0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0964	13.33	0.1003	12.46	1.622	0.3421	5			0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0510	13.41	0.3100	12.46	1.622	0.3421	5			0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	2033	14.05	0.7000	12.46	1.622	0.3421	5			0
021.52	Cobalt, ICP-MS, Open vessel (mg / kg (ppm))	0016	4.305	0.1700				3			0
021.52	Cobalt, ICP-MS, Open vessel (mg / kg (ppm))	0186	6.000	0.0000				3			0
021.52	Cobalt, ICP-MS, Open vessel (mg / kg (ppm))	0047	6.105	0.0500				3			0
021.52	Cobalt, ICP-MS, Open vessel (mg / kg (ppm))	0910	4.230	0.7800				3			1
021.53	Cobalt, ICP-MS, Microwave (mg / kg (ppm))	2055	5.332	1.428	9.830	4.865	0.8124	4			0
021.53	Cobalt, ICP-MS, Microwave (mg / kg (ppm))	0918	5.918	1.282	9.830	4.865	0.8124	4			0
021.53	Cobalt, ICP-MS, Microwave (mg / kg (ppm))	0098	13.82	0.0400	9.830	4.865	0.8124	4			0
021.53	Cobalt, ICP-MS, Microwave (mg / kg (ppm))	0413	14.25	0.5000	9.830	4.865	0.8124	4			0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0689	75.45	3.100	122.2	6.769	2.775	16	-6.91	19%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	2188	94.55	6.700	122.2	6.769	2.775	16	-4.09	11%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0629	116.5	3.000	122.2	6.769	2.775	16	-0.85	2%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0001	116.6	2.400	122.2	6.769	2.775	16	-0.83	2%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	2248	118.8	1.050	122.2	6.769	2.775	16	-0.51	1%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0354	118.9	1.320	122.2	6.769	2.775	16	-0.49	1%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0868	121.1	0.0200	122.2	6.769	2.775	16	-0.17	0%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0563	121.9	7.608	122.2	6.769	2.775	16	-0.06	0%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0939	123.9	0.1500	122.2	6.769	2.775	16	0.25	1%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	2144	125.8	0.9900	122.2	6.769	2.775	16	0.52	1%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0536	126.1	3.650	122.2	6.769	2.775	16	0.57	2%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0904	126.7	2.110	122.2	6.769	2.775	16	0.66	2%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0656	127.3	4.600	122.2	6.769	2.775	16	0.74	2%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	2196	127.3	0.0000	122.2	6.769	2.775	16	0.75	2%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0529	129.5	2.700	122.2	6.769	2.775	16	1.07	3%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0208	131.5	5.000	122.2	6.769	2.775	16	1.37	4%	0
022.32	Copper, AAS, Open vessel (mg / kg (ppm))	2128	125.8	19.14				1			0
022.33	Copper, AAS, Microwave (mg / kg (ppm))	0948	122.3	3.733				2			0
022.33	Copper, AAS, Microwave (mg / kg (ppm))	0010	133.3	8.200				2			0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0405	85.69	0.0000	118.8	8.367	3.752	23	-3.96	14%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0848	101.8	1.000	118.8	8.367	3.752	23	-2.03	7%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0520	107.5	3.000	118.8	8.367	3.752	23	-1.35	5%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0171	107.8	0.7000	118.8	8.367	3.752	23	-1.32	5%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0653	110.1	1.800	118.8	8.367	3.752	23	-1.04	4%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0164	114.5	7.000	118.8	8.367	3.752	23	-0.51	2%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0619	116.0	0.0000	118.8	8.367	3.752	23	-0.33	1%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0074	116.5	9.000	118.8	8.367	3.752	23	-0.27	1%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0229	118.0	1.200	118.8	8.367	3.752	23	-0.09	0%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0407	118.1	0.7427	118.8	8.367	3.752	23	-0.08	0%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0955	118.5	3.000	118.8	8.367	3.752	23	-0.03	0%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0003	119.5	9.000	118.8	8.367	3.752	23	0.08	0%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0598	120.5	1.500	118.8	8.367	3.752	23	0.20	1%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0019	122.0	2.400	118.8	8.367	3.752	23	0.38	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0511	122.0	6.000	118.8	8.367	3.752	23	0.38	1%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0910	122.5	13.00	118.8	8.367	3.752	23	0.44	2%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0098	123.2	1.800	118.8	8.367	3.752	23	0.53	2%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	2012	124.0	1.870	118.8	8.367	3.752	23	0.62	2%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0208	125.0	5.200	118.8	8.367	3.752	23	0.74	3%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0358	125.7	4.210	118.8	8.367	3.752	23	0.83	3%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0878	126.5	3.000	118.8	8.367	3.752	23	0.92	3%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0011	130.5	10.60	118.8	8.367	3.752	23	1.40	5%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0226	158.4	0.2600	118.8	8.367	3.752	23	4.73	17%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0263	117.1	0.2600	127.6	6.494	2.829	21	-1.60	4%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0037	118.5	1.000	127.6	6.494	2.829	21	-1.39	4%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0870	119.3	0.7000	127.6	6.494	2.829	21	-1.28	3%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0726	121.2	0.4000	127.6	6.494	2.829	21	-0.98	2%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0366	122.0	6.000	127.6	6.494	2.829	21	-0.85	2%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0045	123.5	1.000	127.6	6.494	2.829	21	-0.62	2%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0205	127.0	8.000	127.6	6.494	2.829	21	-0.08	0%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	2053	127.0	4.000	127.6	6.494	2.829	21	-0.08	0%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0190	127.1	0.1600	127.6	6.494	2.829	21	-0.07	0%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0693	127.1	1.202	127.6	6.494	2.829	21	-0.07	0%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0294	128.5	0.0000	127.6	6.494	2.829	21	0.14	0%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0413	128.5	3.000	127.6	6.494	2.829	21	0.15	0%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0278	128.8	2.400	127.6	6.494	2.829	21	0.19	0%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0560	128.9	10.80	127.6	6.494	2.829	21	0.21	1%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0187	129.2	0.3900	127.6	6.494	2.829	21	0.25	1%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0035	130.0	1.600	127.6	6.494	2.829	21	0.38	1%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0357	131.2	3.349	127.6	6.494	2.829	21	0.56	1%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0265	131.5	7.000	127.6	6.494	2.829	21	0.61	2%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0160	137.0	6.000	127.6	6.494	2.829	21	1.45	4%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0186	138.5	1.000	127.6	6.494	2.829	21	1.69	4%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0685	154.0	1.140	127.6	6.494	2.829	21	4.08	10%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0918	115.0	2.420	124.2	6.569	5.644	19	-1.41	4%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0425	115.6	6.400	124.2	6.569	5.644	19	-1.31	3%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0035	117.2	5.200	124.2	6.569	5.644	19	-1.07	3%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0297	119.0	22.00	124.2	6.569	5.644	19	-0.79	2%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0169	120.5	3.000	124.2	6.569	5.644	19	-0.57	1%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0202	120.7	1.505	124.2	6.569	5.644	19	-0.53	1%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0345	121.0	2.000	124.2	6.569	5.644	19	-0.49	1%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0098	122.1	9.300	124.2	6.569	5.644	19	-0.33	1%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0629	123.0	8.000	124.2	6.569	5.644	19	-0.19	0%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0510	123.5	1.000	124.2	6.569	5.644	19	-0.11	0%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	2089	123.9	13.73	124.2	6.569	5.644	19	-0.05	0%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0682	124.8	0.0000	124.2	6.569	5.644	19	0.09	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0083	127.5	1.000	124.2	6.569	5.644	19	0.50	1%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0017	127.8	4.832	124.2	6.569	5.644	19	0.54	1%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0353	129.5	11.00	124.2	6.569	5.644	19	0.80	2%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0964	130.1	5.323	124.2	6.569	5.644	19	0.90	2%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0027	130.9	1.050	124.2	6.569	5.644	19	1.02	3%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	2192	134.7	6.480	124.2	6.569	5.644	19	1.60	4%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	2033	137.5	3.000	124.2	6.569	5.644	19	2.02	5%	0
022.44	Copper, ICP, Dry ash (mg / kg (ppm))	0123	108.0	4.000				1			0
022.51	Copper, ICP-MS, Dry ash (mg / kg (ppm))	2146	131.1	17.30				1			0
022.52	Copper, ICP-MS, Open vessel (mg / kg (ppm))	0047	121.9	1.300				3			0
022.52	Copper, ICP-MS, Open vessel (mg / kg (ppm))	0186	129.0	2.000				3			0
022.52	Copper, ICP-MS, Open vessel (mg / kg (ppm))	0016	143.0	26.00				3			0
022.53	Copper, ICP-MS, Microwave (mg / kg (ppm))	2055	103.5	1.000				3			0
022.53	Copper, ICP-MS, Microwave (mg / kg (ppm))	0413	108.0	2.000				3			0
022.53	Copper, ICP-MS, Microwave (mg / kg (ppm))	0572	128.0	4.000				3			0
022.99	Copper, Miscellaneous (mg / kg (ppm))	2129	111.5	7.000	121.9	6.993	4.250	4			0
022.99	Copper, Miscellaneous (mg / kg (ppm))	0242	124.0	4.000	121.9	6.993	4.250	4			0
022.99	Copper, Miscellaneous (mg / kg (ppm))	0100	125.5	3.000	121.9	6.993	4.250	4			0
022.99	Copper, Miscellaneous (mg / kg (ppm))	0590	126.5	3.000	121.9	6.993	4.250	4			0
024.52	Iodine, ICP-MS, Open vessel (mg / kg (ppm))	0160	3.254	1.251				1			0
024.53	Iodine, ICP-MS, Microwave (mg / kg (ppm))	2033	2.145	0.1500				1			0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0629	486.0	16.00	556.1	39.86	11.62	18	-1.76	6%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0874	498.0	6.000	556.1	39.86	11.62	18	-1.46	5%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0529	529.2	28.30	556.1	39.86	11.62	18	-0.68	2%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	2196	532.1	0.0000	556.1	39.86	11.62	18	-0.60	2%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	2144	535.1	1.400	556.1	39.86	11.62	18	-0.52	2%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0354	535.5	5.800	556.1	39.86	11.62	18	-0.52	2%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0505	535.9	9.400	556.1	39.86	11.62	18	-0.51	2%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	2248	538.1	0.1400	556.1	39.86	11.62	18	-0.45	2%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0868	546.6	5.220	556.1	39.86	11.62	18	-0.24	1%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0001	550.8	16.80	556.1	39.86	11.62	18	-0.13	0%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0656	568.3	5.960	556.1	39.86	11.62	18	0.31	1%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0939	570.2	0.3700	556.1	39.86	11.62	18	0.35	1%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0563	579.6	14.01	556.1	39.86	11.62	18	0.59	2%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0689	580.0	40.00	556.1	39.86	11.62	18	0.60	2%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0208	590.0	24.00	556.1	39.86	11.62	18	0.85	3%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0722	591.8	1.431	556.1	39.86	11.62	18	0.90	3%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	2188	625.0	7.700	556.1	39.86	11.62	18	1.73	6%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0904	753.5	26.66	556.1	39.86	11.62	18	4.95	18%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0536	983.6	91.25	556.1	39.86	11.62	18	10.73	38%	1
025.32	Iron, AAS, Open vessel (mg / kg (ppm))	2128	963.7	305.7				1			0
025.33	Iron, AAS, Microwave (mg / kg (ppm))	0948	681.5	4.102				1			0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
025.35	Iron, AAS, Open vessel (mg / kg (ppm))	2216	468.5	21.00				1			0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0405	341.8	0.0000	536.3	45.71	17.46	22	-4.26	18%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0619	466.0	20.00	536.3	45.71	17.46	22	-1.54	7%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0955	475.0	6.000	536.3	45.71	17.46	22	-1.34	6%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	2012	492.2	16.40	536.3	45.71	17.46	22	-0.97	4%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0520	500.0	32.00	536.3	45.71	17.46	22	-0.80	3%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0003	500.5	47.00	536.3	45.71	17.46	22	-0.78	3%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0123	504.0	20.00	536.3	45.71	17.46	22	-0.71	3%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0653	521.4	46.60	536.3	45.71	17.46	22	-0.33	1%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0407	531.9	3.889	536.3	45.71	17.46	22	-0.10	0%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0226	534.9	1.530	536.3	45.71	17.46	22	-0.03	0%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0229	538.1	33.20	536.3	45.71	17.46	22	0.04	0%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0511	540.5	23.00	536.3	45.71	17.46	22	0.09	0%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0098	550.0	8.900	536.3	45.71	17.46	22	0.30	1%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0164	555.5	1.000	536.3	45.71	17.46	22	0.42	2%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0358	560.2	23.77	536.3	45.71	17.46	22	0.52	2%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0171	568.4	0.3000	536.3	45.71	17.46	22	0.70	3%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0074	571.5	3.000	536.3	45.71	17.46	22	0.77	3%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0878	573.0	14.00	536.3	45.71	17.46	22	0.80	3%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0598	581.1	3.200	536.3	45.71	17.46	22	0.98	4%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0019	581.2	16.60	536.3	45.71	17.46	22	0.98	4%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0011	586.5	45.36	536.3	45.71	17.46	22	1.10	5%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0208	598.3	18.30	536.3	45.71	17.46	22	1.35	6%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0187	233.1	4.960	488.2	82.64	12.51	15	-3.09	26%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0278	325.5	21.00	488.2	82.64	12.51	15	-1.97	17%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0265	405.0	0.0000	488.2	82.64	12.51	15	-1.01	9%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0190	427.7	0.5100	488.2	82.64	12.51	15	-0.73	6%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0726	462.2	0.5000	488.2	82.64	12.51	15	-0.32	3%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	2053	472.5	7.000	488.2	82.64	12.51	15	-0.19	2%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0294	490.0	0.0000	488.2	82.64	12.51	15	0.02	0%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0870	495.6	16.40	488.2	82.64	12.51	15	0.09	1%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0037	508.5	13.00	488.2	82.64	12.51	15	0.25	2%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0160	520.0	24.00	488.2	82.64	12.51	15	0.38	3%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0413	532.0	38.00	488.2	82.64	12.51	15	0.53	4%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0693	545.9	17.46	488.2	82.64	12.51	15	0.70	6%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0366	558.5	11.00	488.2	82.64	12.51	15	0.85	7%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0045	576.5	15.00	488.2	82.64	12.51	15	1.07	9%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0263	600.8	18.86	488.2	82.64	12.51	15	1.36	12%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0560	423.3	73.90	488.2	82.64	12.51	15	-0.79	7%	1
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0425	485.5	33.30	559.9	53.65	20.86	15	-1.39	7%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0629	496.0	42.00	559.9	53.65	20.86	15	-1.19	6%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0345	510.0	6.000	559.9	53.65	20.86	15	-0.93	4%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0169	525.0	6.000	559.9	53.65	20.86	15	-0.65	3%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0297	528.5	37.00	559.9	53.65	20.86	15	-0.59	3%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0083	530.5	11.00	559.9	53.65	20.86	15	-0.55	3%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0918	545.0	1.850	559.9	53.65	20.86	15	-0.28	1%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0510	558.5	1.000	559.9	53.65	20.86	15	-0.03	0%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0098	571.3	51.40	559.9	53.65	20.86	15	0.21	1%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0964	581.1	22.30	559.9	53.65	20.86	15	0.39	2%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	2192	587.5	17.44	559.9	53.65	20.86	15	0.51	2%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0682	611.6	0.0000	559.9	53.65	20.86	15	0.96	5%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0353	617.5	33.00	559.9	53.65	20.86	15	1.07	5%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	2033	625.0	10.00	559.9	53.65	20.86	15	1.21	6%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	2089	625.9	40.67	559.9	53.65	20.86	15	1.23	6%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0017	582.5	106.3	559.9	53.65	20.86	15	0.42	2%	1
025.51	Iron, ICP-MS, Dry ash (mg / kg (ppm))	2146	629.5	56.90				1			0
025.52	Iron, ICP-MS, Open vessel (mg / kg (ppm))	0154	441.9	74.18				3			0
025.52	Iron, ICP-MS, Open vessel (mg / kg (ppm))	0047	444.2	17.20				3			0
025.52	Iron, ICP-MS, Open vessel (mg / kg (ppm))	0016	484.0	0.0000				3			0
025.53	Iron, ICP-MS, Microwave (mg / kg (ppm))	2055	119.0	8.000				2			0
025.53	Iron, ICP-MS, Microwave (mg / kg (ppm))	0413	561.0	6.000				2			0
025.99	Iron, Miscellaneous (mg / kg (ppm))	2129	486.0	6.000				3			0
025.99	Iron, Miscellaneous (mg / kg (ppm))	0242	554.5	9.000				3			0
025.99	Iron, Miscellaneous (mg / kg (ppm))	0100	569.5	7.000				3			0
027.31	Magnesium, AAS, Dry ash (%)	0689	0.3550	0.0100	0.4057	0.0220	0.0100	16	-2.30	6%	0
027.31	Magnesium, AAS, Dry ash (%)	0529	0.3810	0.0300	0.4057	0.0220	0.0100	16	-1.12	3%	0
027.31	Magnesium, AAS, Dry ash (%)	0536	0.3850	0.0100	0.4057	0.0220	0.0100	16	-0.94	3%	0
027.31	Magnesium, AAS, Dry ash (%)	2248	0.3870	0.0160	0.4057	0.0220	0.0100	16	-0.85	2%	0
027.31	Magnesium, AAS, Dry ash (%)	0208	0.3975	0.0190	0.4057	0.0220	0.0100	16	-0.37	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0868	0.4000	0.0000	0.4057	0.0220	0.0100	16	-0.26	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0904	0.4000	0.0200	0.4057	0.0220	0.0100	16	-0.26	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0939	0.4000	0.0000	0.4057	0.0220	0.0100	16	-0.26	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0629	0.4050	0.0100	0.4057	0.0220	0.0100	16	-0.03	0%	0
027.31	Magnesium, AAS, Dry ash (%)	0874	0.4081	0.0028	0.4057	0.0220	0.0100	16	0.11	0%	0
027.31	Magnesium, AAS, Dry ash (%)	0563	0.4097	0.0085	0.4057	0.0220	0.0100	16	0.18	0%	0
027.31	Magnesium, AAS, Dry ash (%)	2196	0.4200	0.0000	0.4057	0.0220	0.0100	16	0.65	2%	0
027.31	Magnesium, AAS, Dry ash (%)	0142	0.4208	0.0172	0.4057	0.0220	0.0100	16	0.69	2%	0
027.31	Magnesium, AAS, Dry ash (%)	0001	0.4302	0.0069	0.4057	0.0220	0.0100	16	1.11	3%	0
027.31	Magnesium, AAS, Dry ash (%)	0354	0.4350	0.0100	0.4057	0.0220	0.0100	16	1.33	4%	0
027.31	Magnesium, AAS, Dry ash (%)	0656	0.4400	0.0000	0.4057	0.0220	0.0100	16	1.56	4%	0
027.32	Magnesium, AAS, Open vessel (%)	0169	0.4200	0.0000				1			0
027.33	Magnesium, AAS, Microwave (%)	0612	0.4155	0.0090				2			0
027.33	Magnesium, AAS, Microwave (%)	0948	0.4320	0.0020				2			0
027.41	Magnesium, ICP, Dry ash (%)	0520	0.3650	0.0100	0.4093	0.0251	0.0098	23	-1.76	5%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
027.41	Magnesium, ICP, Dry ash (%)	0123	0.3800	0.0000	0.4093	0.0251	0.0098	23	-1.17	4%	0
027.41	Magnesium, ICP, Dry ash (%)	2012	0.3800	0.0000	0.4093	0.0251	0.0098	23	-1.17	4%	0
027.41	Magnesium, ICP, Dry ash (%)	0407	0.3804	0.0014	0.4093	0.0251	0.0098	23	-1.15	4%	0
027.41	Magnesium, ICP, Dry ash (%)	0358	0.3850	0.0300	0.4093	0.0251	0.0098	23	-0.97	3%	0
027.41	Magnesium, ICP, Dry ash (%)	0229	0.3885	0.0110	0.4093	0.0251	0.0098	23	-0.83	3%	0
027.41	Magnesium, ICP, Dry ash (%)	0003	0.3950	0.0100	0.4093	0.0251	0.0098	23	-0.57	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0511	0.3950	0.0100	0.4093	0.0251	0.0098	23	-0.57	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0910	0.4000	0.0200	0.4093	0.0251	0.0098	23	-0.37	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0598	0.4105	0.0035	0.4093	0.0251	0.0098	23	0.05	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0074	0.4105	0.0010	0.4093	0.0251	0.0098	23	0.05	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0171	0.4110	0.0000	0.4093	0.0251	0.0098	23	0.07	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0139	0.4127	0.0020	0.4093	0.0251	0.0098	23	0.14	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0164	0.4145	0.0250	0.4093	0.0251	0.0098	23	0.21	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0413	0.4150	0.0100	0.4093	0.0251	0.0098	23	0.23	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0405	0.4200	0.0000	0.4093	0.0251	0.0098	23	0.43	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0011	0.4223	0.0165	0.4093	0.0251	0.0098	23	0.52	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0208	0.4225	0.0070	0.4093	0.0251	0.0098	23	0.53	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0019	0.4350	0.0100	0.4093	0.0251	0.0098	23	1.02	3%	0
027.41	Magnesium, ICP, Dry ash (%)	0653	0.4375	0.0070	0.4093	0.0251	0.0098	23	1.12	3%	0
027.41	Magnesium, ICP, Dry ash (%)	0098	0.4400	0.0200	0.4093	0.0251	0.0098	23	1.22	4%	0
027.41	Magnesium, ICP, Dry ash (%)	0878	0.4400	0.0200	0.4093	0.0251	0.0098	23	1.22	4%	0
027.41	Magnesium, ICP, Dry ash (%)	0226	0.4550	0.0100	0.4093	0.0251	0.0098	23	1.82	6%	0
027.42	Magnesium, ICP, Open vessel (%)	2129	0.3424	0.0013	0.4162	0.0261	0.0073	19	-2.83	9%	0
027.42	Magnesium, ICP, Open vessel (%)	0294	0.3800	0.0000	0.4162	0.0261	0.0073	19	-1.39	4%	0
027.42	Magnesium, ICP, Open vessel (%)	0263	0.3847	0.0039	0.4162	0.0261	0.0073	19	-1.21	4%	0
027.42	Magnesium, ICP, Open vessel (%)	0870	0.3964	0.0233	0.4162	0.0261	0.0073	19	-0.76	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0045	0.3975	0.0110	0.4162	0.0261	0.0073	19	-0.72	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0265	0.4000	0.0200	0.4162	0.0261	0.0073	19	-0.62	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0366	0.4100	0.0000	0.4162	0.0261	0.0073	19	-0.24	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0693	0.4110	0.0220	0.4162	0.0261	0.0073	19	-0.20	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0187	0.4121	0.0021	0.4162	0.0261	0.0073	19	-0.16	0%	0
027.42	Magnesium, ICP, Open vessel (%)	0035	0.4150	0.0100	0.4162	0.0261	0.0073	19	-0.05	0%	0
027.42	Magnesium, ICP, Open vessel (%)	0186	0.4220	0.0080	0.4162	0.0261	0.0073	19	0.22	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0726	0.4231	0.0000	0.4162	0.0261	0.0073	19	0.26	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0190	0.4250	0.0100	0.4162	0.0261	0.0073	19	0.34	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0278	0.4350	0.0100	0.4162	0.0261	0.0073	19	0.72	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0160	0.4361	0.0154	0.4162	0.0261	0.0073	19	0.76	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0357	0.4379	0.0021	0.4162	0.0261	0.0073	19	0.83	3%	0
027.42	Magnesium, ICP, Open vessel (%)	0037	0.4400	0.0000	0.4162	0.0261	0.0073	19	0.91	3%	0
027.42	Magnesium, ICP, Open vessel (%)	2053	0.4500	0.0000	0.4162	0.0261	0.0073	19	1.29	4%	0
027.42	Magnesium, ICP, Open vessel (%)	0685	0.5000	0.0000	0.4162	0.0261	0.0073	19	3.21	10%	0
027.42	Magnesium, ICP, Open vessel (%)	0560	0.4417	0.0620	0.4162	0.0261	0.0073	19	0.98	3%	1

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
027.43	Magnesium, ICP, Microwave (%)	0425	0.3650	0.0300	0.4067	0.0281	0.0126	21	-1.49	5%	0
027.43	Magnesium, ICP, Microwave (%)	0202	0.3735	0.0050	0.4067	0.0281	0.0126	21	-1.18	4%	0
027.43	Magnesium, ICP, Microwave (%)	0035	0.3750	0.0100	0.4067	0.0281	0.0126	21	-1.13	4%	0
027.43	Magnesium, ICP, Microwave (%)	0918	0.3825	0.0070	0.4067	0.0281	0.0126	21	-0.86	3%	0
027.43	Magnesium, ICP, Microwave (%)	0297	0.3900	0.0200	0.4067	0.0281	0.0126	21	-0.60	2%	0
027.43	Magnesium, ICP, Microwave (%)	0098	0.3950	0.0300	0.4067	0.0281	0.0126	21	-0.42	1%	0
027.43	Magnesium, ICP, Microwave (%)	0510	0.3950	0.0100	0.4067	0.0281	0.0126	21	-0.42	1%	0
027.43	Magnesium, ICP, Microwave (%)	2192	0.3950	0.0100	0.4067	0.0281	0.0126	21	-0.42	1%	0
027.43	Magnesium, ICP, Microwave (%)	0345	0.3970	0.0040	0.4067	0.0281	0.0126	21	-0.35	1%	0
027.43	Magnesium, ICP, Microwave (%)	0505	0.4000	0.0200	0.4067	0.0281	0.0126	21	-0.24	1%	0
027.43	Magnesium, ICP, Microwave (%)	0083	0.4017	0.0014	0.4067	0.0281	0.0126	21	-0.18	1%	0
027.43	Magnesium, ICP, Microwave (%)	0629	0.4050	0.0100	0.4067	0.0281	0.0126	21	-0.06	0%	0
027.43	Magnesium, ICP, Microwave (%)	2033	0.4050	0.0100	0.4067	0.0281	0.0126	21	-0.06	0%	0
027.43	Magnesium, ICP, Microwave (%)	0017	0.4115	0.0030	0.4067	0.0281	0.0126	21	0.17	1%	0
027.43	Magnesium, ICP, Microwave (%)	0027	0.4170	0.0080	0.4067	0.0281	0.0126	21	0.37	1%	0
027.43	Magnesium, ICP, Microwave (%)	0089	0.4250	0.0100	0.4067	0.0281	0.0126	21	0.65	2%	0
027.43	Magnesium, ICP, Microwave (%)	2089	0.4250	0.0100	0.4067	0.0281	0.0126	21	0.65	2%	0
027.43	Magnesium, ICP, Microwave (%)	0964	0.4407	0.0067	0.4067	0.0281	0.0126	21	1.21	4%	0
027.43	Magnesium, ICP, Microwave (%)	0353	0.4450	0.0300	0.4067	0.0281	0.0126	21	1.36	5%	0
027.43	Magnesium, ICP, Microwave (%)	0006	0.4590	0.0300	0.4067	0.0281	0.0126	21	1.86	6%	0
027.43	Magnesium, ICP, Microwave (%)	0682	0.4600	0.0000	0.4067	0.0281	0.0126	21	1.90	7%	0
027.44	Magnesium, ICP, Dry ash (%)	0955	0.4070	0.0100				1			0
027.51	Magnesium, ICP-MS, Dry ash (%)	2146	0.3645	0.0190				1			0
027.52	Magnesium, ICP-MS, Open vessel (%)	0154	0.3504	0.0488	0.4182	0.0581	0.0230	4			0
027.52	Magnesium, ICP-MS, Open vessel (%)	0186	0.3895	0.0010	0.4182	0.0581	0.0230	4			0
027.52	Magnesium, ICP-MS, Open vessel (%)	0016	0.4630	0.0020	0.4182	0.0581	0.0230	4			0
027.52	Magnesium, ICP-MS, Open vessel (%)	0047	0.4700	0.0400	0.4182	0.0581	0.0230	4			0
027.53	Magnesium, ICP-MS, Microwave (%)	2055	0.3685	0.0072				3			0
027.53	Magnesium, ICP-MS, Microwave (%)	0413	0.3900	0.0200				3			0
027.53	Magnesium, ICP-MS, Microwave (%)	0572	0.4670	0.0360				3			0
027.99	Magnesium, Miscellaneous (%)	0889	0.2900	0.0000	0.3925	0.0723	0.0150	4			0
027.99	Magnesium, Miscellaneous (%)	0242	0.4100	0.0000	0.3925	0.0723	0.0150	4			0
027.99	Magnesium, Miscellaneous (%)	0590	0.4100	0.0200	0.3925	0.0723	0.0150	4			0
027.99	Magnesium, Miscellaneous (%)	0100	0.4600	0.0400	0.3925	0.0723	0.0150	4			0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	2188	197.5	1.100	215.6	14.04	8.714	16	-1.29	4%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0629	199.0	8.000	215.6	14.04	8.714	16	-1.18	4%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	2248	199.4	7.150	215.6	14.04	8.714	16	-1.15	4%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0689	207.0	7.900	215.6	14.04	8.714	16	-0.62	2%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0001	207.2	3.700	215.6	14.04	8.714	16	-0.60	2%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0529	208.4	17.30	215.6	14.04	8.714	16	-0.52	2%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0656	213.2	5.350	215.6	14.04	8.714	16	-0.17	1%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	2196	213.4	0.0000	215.6	14.04	8.714	16	-0.16	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0536	216.1	31.30	215.6	14.04	8.714	16	0.04	0%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0354	218.7	4.730	215.6	14.04	8.714	16	0.22	1%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0904	219.8	21.04	215.6	14.04	8.714	16	0.30	1%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0868	222.3	0.2300	215.6	14.04	8.714	16	0.48	2%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0722	225.8	5.068	215.6	14.04	8.714	16	0.72	2%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0563	229.5	7.430	215.6	14.04	8.714	16	0.99	3%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0939	235.9	11.13	215.6	14.04	8.714	16	1.44	5%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0208	237.0	8.000	215.6	14.04	8.714	16	1.52	5%	0
028.32	Manganese, AAS, Open vessel (mg / kg (ppm))	2128	245.2	32.72				1			0
028.33	Manganese, AAS, Microwave (mg / kg (ppm))	0948	208.0	5.164				1			0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0619	172.0	6.000	212.3	13.51	5.872	21	-2.99	9%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0226	188.5	3.980	212.3	13.51	5.872	21	-1.76	6%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0511	198.5	13.00	212.3	13.51	5.872	21	-1.02	3%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0405	201.1	0.0000	212.3	13.51	5.872	21	-0.83	3%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0520	203.0	0.0000	212.3	13.51	5.872	21	-0.69	2%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0164	204.5	1.000	212.3	13.51	5.872	21	-0.58	2%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0003	206.5	3.000	212.3	13.51	5.872	21	-0.43	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0407	207.4	2.646	212.3	13.51	5.872	21	-0.36	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	2012	210.0	3.370	212.3	13.51	5.872	21	-0.17	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0878	210.0	4.000	212.3	13.51	5.872	21	-0.17	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0229	211.7	5.700	212.3	13.51	5.872	21	-0.05	0%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0910	213.5	13.00	212.3	13.51	5.872	21	0.09	0%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0074	214.0	2.000	212.3	13.51	5.872	21	0.12	0%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0171	215.1	3.800	212.3	13.51	5.872	21	0.21	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0098	219.7	0.7000	212.3	13.51	5.872	21	0.54	2%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	2144	220.1	4.810	212.3	13.51	5.872	21	0.58	2%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0598	220.7	9.400	212.3	13.51	5.872	21	0.62	2%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0358	222.3	9.850	212.3	13.51	5.872	21	0.74	2%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0208	231.4	5.800	212.3	13.51	5.872	21	1.41	4%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0019	233.1	14.50	212.3	13.51	5.872	21	1.53	5%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0011	234.4	16.76	212.3	13.51	5.872	21	1.63	5%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	2053	199.5	5.000	222.7	13.50	6.187	20	-1.72	5%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0870	203.1	7.000	222.7	13.50	6.187	20	-1.45	4%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0037	206.5	1.000	222.7	13.50	6.187	20	-1.20	4%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0263	209.1	0.2680	222.7	13.50	6.187	20	-1.01	3%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0366	210.0	10.00	222.7	13.50	6.187	20	-0.94	3%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0045	216.0	0.0000	222.7	13.50	6.187	20	-0.50	2%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0413	216.0	10.00	222.7	13.50	6.187	20	-0.50	2%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0693	217.7	6.676	222.7	13.50	6.187	20	-0.37	1%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0278	223.5	9.000	222.7	13.50	6.187	20	0.06	0%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0294	223.7	0.0000	222.7	13.50	6.187	20	0.07	0%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0187	225.1	7.730	222.7	13.50	6.187	20	0.18	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0560	227.2	19.10	222.7	13.50	6.187	20	0.33	1%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0186	227.5	1.000	222.7	13.50	6.187	20	0.35	1%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0160	232.0	20.00	222.7	13.50	6.187	20	0.69	2%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0357	233.9	2.965	222.7	13.50	6.187	20	0.83	3%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0035	234.2	7.700	222.7	13.50	6.187	20	0.85	3%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0190	235.5	5.280	222.7	13.50	6.187	20	0.94	3%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0265	235.5	5.000	222.7	13.50	6.187	20	0.95	3%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0726	237.2	4.400	222.7	13.50	6.187	20	1.07	3%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0685	238.4	1.620	222.7	13.50	6.187	20	1.16	4%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0353	197.5	15.00	218.4	12.19	6.278	17	-1.72	5%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0629	202.0	2.000	218.4	12.19	6.278	17	-1.35	4%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0425	204.9	11.50	218.4	12.19	6.278	17	-1.12	3%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0169	210.0	8.000	218.4	12.19	6.278	17	-0.69	2%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0297	210.5	27.00	218.4	12.19	6.278	17	-0.65	2%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0510	213.5	3.000	218.4	12.19	6.278	17	-0.41	1%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0964	213.8	10.50	218.4	12.19	6.278	17	-0.38	1%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0345	216.2	2.100	218.4	12.19	6.278	17	-0.19	1%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	2089	219.6	0.7500	218.4	12.19	6.278	17	0.09	0%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0035	223.1	0.3000	218.4	12.19	6.278	17	0.38	1%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0083	224.0	4.000	218.4	12.19	6.278	17	0.46	1%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0098	224.4	0.5000	218.4	12.19	6.278	17	0.48	1%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0918	226.1	4.420	218.4	12.19	6.278	17	0.63	2%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0682	226.2	0.0000	218.4	12.19	6.278	17	0.63	2%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	2033	231.0	10.00	218.4	12.19	6.278	17	1.03	3%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0202	232.0	0.6610	218.4	12.19	6.278	17	1.11	3%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0032	236.5	7.000	218.4	12.19	6.278	17	1.48	4%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0017	243.0	60.14	218.4	12.19	6.278	17	2.01	6%	1
028.44	Manganese, ICP, Dry ash (mg / kg (ppm))	0955	192.5	9.000				2			0
028.44	Manganese, ICP, Dry ash (mg / kg (ppm))	0123	204.0	2.000				2			0
028.51	Manganese, ICP-MS, Dry ash (mg / kg (ppm))	2146	183.3	22.10				1			0
028.52	Manganese, ICP-MS, Open vessel (mg / kg (ppm))	0047	198.6	6.000				3			0
028.52	Manganese, ICP-MS, Open vessel (mg / kg (ppm))	0016	202.0	10.00				3			0
028.52	Manganese, ICP-MS, Open vessel (mg / kg (ppm))	0186	229.5	5.000				3			0
028.53	Manganese, ICP-MS, Microwave (mg / kg (ppm))	0413	182.0	4.000	199.4	17.87	5.113	4			0
028.53	Manganese, ICP-MS, Microwave (mg / kg (ppm))	2055	191.0	8.200	199.4	17.87	5.113	4			0
028.53	Manganese, ICP-MS, Microwave (mg / kg (ppm))	2192	201.2	7.250	199.4	17.87	5.113	4			0
028.53	Manganese, ICP-MS, Microwave (mg / kg (ppm))	0572	223.5	1.000	199.4	17.87	5.113	4			0
028.99	Manganese, Miscellaneous (mg / kg (ppm))	2129	188.5	1.000	215.6	19.85	5.250	4			0
028.99	Manganese, Miscellaneous (mg / kg (ppm))	0242	217.0	6.000	215.6	19.85	5.250	4			0
028.99	Manganese, Miscellaneous (mg / kg (ppm))	0590	221.0	4.000	215.6	19.85	5.250	4			0
028.99	Manganese, Miscellaneous (mg / kg (ppm))	0100	236.0	10.00	215.6	19.85	5.250	4			0
031.01	Phosphorus, Photometric (%)	0016	0.5055	0.0150	0.8078	0.0368	0.0142	43	-8.21	19%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
031.01	Phosphorus, Photometric (%)	0108	0.6900	0.0200	0.8078	0.0368	0.0142	43	-3.20	7%	0
031.01	Phosphorus, Photometric (%)	0874	0.7200	0.0013	0.8078	0.0368	0.0142	43	-2.38	5%	0
031.01	Phosphorus, Photometric (%)	2199	0.7300	0.0000	0.8078	0.0368	0.0142	43	-2.11	5%	0
031.01	Phosphorus, Photometric (%)	2018	0.7650	0.0100	0.8078	0.0368	0.0142	43	-1.16	3%	0
031.01	Phosphorus, Photometric (%)	2181	0.7650	0.0100	0.8078	0.0368	0.0142	43	-1.16	3%	0
031.01	Phosphorus, Photometric (%)	2196	0.7700	0.0000	0.8078	0.0368	0.0142	43	-1.03	2%	0
031.01	Phosphorus, Photometric (%)	0948	0.7770	0.0060	0.8078	0.0368	0.0142	43	-0.84	2%	0
031.01	Phosphorus, Photometric (%)	0689	0.7800	0.0000	0.8078	0.0368	0.0142	43	-0.75	2%	0
031.01	Phosphorus, Photometric (%)	0208	0.7810	0.0280	0.8078	0.0368	0.0142	43	-0.73	2%	0
031.01	Phosphorus, Photometric (%)	0687	0.7850	0.1300	0.8078	0.0368	0.0142	43	-0.62	1%	0
031.01	Phosphorus, Photometric (%)	0626	0.7850	0.0100	0.8078	0.0368	0.0142	43	-0.62	1%	0
031.01	Phosphorus, Photometric (%)	0596	0.7900	0.0400	0.8078	0.0368	0.0142	43	-0.48	1%	0
031.01	Phosphorus, Photometric (%)	0939	0.7900	0.0000	0.8078	0.0368	0.0142	43	-0.48	1%	0
031.01	Phosphorus, Photometric (%)	0563	0.7917	0.0071	0.8078	0.0368	0.0142	43	-0.44	1%	0
031.01	Phosphorus, Photometric (%)	2009	0.7972	0.0019	0.8078	0.0368	0.0142	43	-0.29	1%	0
031.01	Phosphorus, Photometric (%)	0142	0.7977	0.0094	0.8078	0.0368	0.0142	43	-0.27	1%	0
031.01	Phosphorus, Photometric (%)	0354	0.8000	0.0000	0.8078	0.0368	0.0142	43	-0.21	0%	0
031.01	Phosphorus, Photometric (%)	2200	0.8000	0.0000	0.8078	0.0368	0.0142	43	-0.21	0%	0
031.01	Phosphorus, Photometric (%)	0529	0.8050	0.0100	0.8078	0.0368	0.0142	43	-0.07	0%	0
031.01	Phosphorus, Photometric (%)	0590	0.8050	0.0100	0.8078	0.0368	0.0142	43	-0.07	0%	0
031.01	Phosphorus, Photometric (%)	2190	0.8097	0.0095	0.8078	0.0368	0.0142	43	0.05	0%	0
031.01	Phosphorus, Photometric (%)	2188	0.8100	0.0200	0.8078	0.0368	0.0142	43	0.06	0%	0
031.01	Phosphorus, Photometric (%)	0849	0.8130	0.0060	0.8078	0.0368	0.0142	43	0.14	0%	0
031.01	Phosphorus, Photometric (%)	0897	0.8150	0.0100	0.8078	0.0368	0.0142	43	0.20	0%	0
031.01	Phosphorus, Photometric (%)	2144	0.8150	0.0100	0.8078	0.0368	0.0142	43	0.20	0%	0
031.01	Phosphorus, Photometric (%)	2246	0.8183	0.0014	0.8078	0.0368	0.0142	43	0.29	1%	0
031.01	Phosphorus, Photometric (%)	2006	0.8185	0.0030	0.8078	0.0368	0.0142	43	0.29	1%	0
031.01	Phosphorus, Photometric (%)	0868	0.8200	0.0400	0.8078	0.0368	0.0142	43	0.33	1%	0
031.01	Phosphorus, Photometric (%)	0878	0.8200	0.0200	0.8078	0.0368	0.0142	43	0.33	1%	0
031.01	Phosphorus, Photometric (%)	0629	0.8250	0.0100	0.8078	0.0368	0.0142	43	0.47	1%	0
031.01	Phosphorus, Photometric (%)	0511	0.8300	0.0200	0.8078	0.0368	0.0142	43	0.60	1%	0
031.01	Phosphorus, Photometric (%)	2198	0.8300	0.0000	0.8078	0.0368	0.0142	43	0.60	1%	0
031.01	Phosphorus, Photometric (%)	0881	0.8330	0.0100	0.8078	0.0368	0.0142	43	0.69	2%	0
031.01	Phosphorus, Photometric (%)	0904	0.8350	0.0100	0.8078	0.0368	0.0142	43	0.74	2%	0
031.01	Phosphorus, Photometric (%)	2109	0.8430	0.0080	0.8078	0.0368	0.0142	43	0.96	2%	0
031.01	Phosphorus, Photometric (%)	2193	0.8450	0.0100	0.8078	0.0368	0.0142	43	1.01	2%	0
031.01	Phosphorus, Photometric (%)	2022	0.8500	0.0000	0.8078	0.0368	0.0142	43	1.15	3%	0
031.01	Phosphorus, Photometric (%)	2248	0.8565	0.0070	0.8078	0.0368	0.0142	43	1.32	3%	0
031.01	Phosphorus, Photometric (%)	2128	0.8640	0.0480	0.8078	0.0368	0.0142	43	1.53	3%	0
031.01	Phosphorus, Photometric (%)	2126	0.8650	0.0300	0.8078	0.0368	0.0142	43	1.55	4%	0
031.01	Phosphorus, Photometric (%)	0656	0.8750	0.0300	0.8078	0.0368	0.0142	43	1.83	4%	0
031.01	Phosphorus, Photometric (%)	2192	1.000	0.0000	0.8078	0.0368	0.0142	43	5.22	12%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
031.01	Phosphorus, Photometric (%)	2031	8.589	0.3440	0.8078	0.0368	0.0142	43	211.33	482%	2
031.02	Phosphorus, GQMP (AOAC 935.13-Extraction) (%)	2053	0.8050	0.0100				2			0
031.02	Phosphorus, GQMP (AOAC 935.13-Extraction) (%)	0505	0.8100	0.0200				2			0
031.03	Phosphorus, Autoanalyzer (%)	0169	0.7800	0.0000				3			0
031.03	Phosphorus, Autoanalyzer (%)	0036	0.8237	0.0023				3			0
031.03	Phosphorus, Autoanalyzer (%)	0001	0.8305	0.0230				3			0
031.06	Phosphorus, Hach Method (%)	0536	0.8525	0.0950				1			0
031.41	Phosphorus, ICP, Dry ash (%)	0520	0.7150	0.0300	0.8158	0.0434	0.0196	25	-2.32	6%	0
031.41	Phosphorus, ICP, Dry ash (%)	0144	0.7600	0.0400	0.8158	0.0434	0.0196	25	-1.29	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0405	0.7600	0.0000	0.8158	0.0434	0.0196	25	-1.29	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0407	0.7655	0.0194	0.8158	0.0434	0.0196	25	-1.16	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0229	0.7660	0.0320	0.8158	0.0434	0.0196	25	-1.15	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0019	0.7900	0.0400	0.8158	0.0434	0.0196	25	-0.59	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0298	0.7900	0.0200	0.8158	0.0434	0.0196	25	-0.59	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0003	0.8000	0.0000	0.8158	0.0434	0.0196	25	-0.36	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0171	0.8050	0.0100	0.8158	0.0434	0.0196	25	-0.25	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0139	0.8065	0.0130	0.8158	0.0434	0.0196	25	-0.21	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0358	0.8100	0.0600	0.8158	0.0434	0.0196	25	-0.13	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	2012	0.8100	0.0000	0.8158	0.0434	0.0196	25	-0.13	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0208	0.8130	0.0520	0.8158	0.0434	0.0196	25	-0.06	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0848	0.8150	0.0100	0.8158	0.0434	0.0196	25	-0.02	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0164	0.8205	0.0030	0.8158	0.0434	0.0196	25	0.11	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0653	0.8240	0.0020	0.8158	0.0434	0.0196	25	0.19	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0685	0.8250	0.0100	0.8158	0.0434	0.0196	25	0.21	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0619	0.8375	0.0550	0.8158	0.0434	0.0196	25	0.50	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0413	0.8500	0.0000	0.8158	0.0434	0.0196	25	0.79	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0074	0.8525	0.0070	0.8158	0.0434	0.0196	25	0.85	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0123	0.8550	0.0100	0.8158	0.0434	0.0196	25	0.90	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0598	0.8571	0.0128	0.8158	0.0434	0.0196	25	0.95	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0910	0.8700	0.0200	0.8158	0.0434	0.0196	25	1.25	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0226	0.8900	0.0200	0.8158	0.0434	0.0196	25	1.71	5%	0
031.41	Phosphorus, ICP, Dry ash (%)	0098	0.8938	0.0240	0.8158	0.0434	0.0196	25	1.80	5%	0
031.42	Phosphorus, ICP, Open vessel (%)	2129	0.7085	0.0250	0.7966	0.0349	0.0142	19	-2.52	6%	0
031.42	Phosphorus, ICP, Open vessel (%)	0278	0.7400	0.0200	0.7966	0.0349	0.0142	19	-1.62	4%	0
031.42	Phosphorus, ICP, Open vessel (%)	0187	0.7554	0.0050	0.7966	0.0349	0.0142	19	-1.18	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	0294	0.7600	0.0000	0.7966	0.0349	0.0142	19	-1.05	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0560	0.7774	0.0017	0.7966	0.0349	0.0142	19	-0.55	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0047	0.7800	0.0400	0.7966	0.0349	0.0142	19	-0.47	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0693	0.7840	0.0180	0.7966	0.0349	0.0142	19	-0.36	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0366	0.7850	0.0100	0.7966	0.0349	0.0142	19	-0.33	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0045	0.7940	0.0160	0.7966	0.0349	0.0142	19	-0.07	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0037	0.7965	0.0050	0.7966	0.0349	0.0142	19	0.00	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
031.42	Phosphorus, ICP, Open vessel (%)	0263	0.8085	0.0034	0.7966	0.0349	0.0142	19	0.34	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0726	0.8132	0.0001	0.7966	0.0349	0.0142	19	0.48	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0035	0.8150	0.0100	0.7966	0.0349	0.0142	19	0.53	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0265	0.8200	0.0200	0.7966	0.0349	0.0142	19	0.67	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0357	0.8268	0.0121	0.7966	0.0349	0.0142	19	0.86	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0186	0.8270	0.0140	0.7966	0.0349	0.0142	19	0.87	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0205	0.8270	0.0040	0.7966	0.0349	0.0142	19	0.87	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0190	0.8350	0.0100	0.7966	0.0349	0.0142	19	1.10	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0870	0.8418	0.0554	0.7966	0.0349	0.0142	19	1.30	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	0160	0.8359	0.0875	0.7966	0.0349	0.0142	19	1.13	2%	1
031.43	Phosphorus, ICP, Microwave (%)	0425	0.7200	0.0200	0.8207	0.0335	0.0166	22	-3.01	6%	0
031.43	Phosphorus, ICP, Microwave (%)	0918	0.7660	0.0040	0.8207	0.0335	0.0166	22	-1.63	3%	0
031.43	Phosphorus, ICP, Microwave (%)	2033	0.7875	0.0050	0.8207	0.0335	0.0166	22	-0.99	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0010	0.7900	0.0200	0.8207	0.0335	0.0166	22	-0.92	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0027	0.7915	0.0090	0.8207	0.0335	0.0166	22	-0.87	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0297	0.7950	0.0300	0.8207	0.0335	0.0166	22	-0.77	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0629	0.8000	0.0200	0.8207	0.0335	0.0166	22	-0.62	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0033	0.8100	0.0200	0.8207	0.0335	0.0166	22	-0.32	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0017	0.8165	0.0070	0.8207	0.0335	0.0166	22	-0.13	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0089	0.8200	0.0000	0.8207	0.0335	0.0166	22	-0.02	0%	0
031.43	Phosphorus, ICP, Microwave (%)	2089	0.8200	0.0000	0.8207	0.0335	0.0166	22	-0.02	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0353	0.8200	0.0400	0.8207	0.0335	0.0166	22	-0.02	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0036	0.8223	0.0111	0.8207	0.0335	0.0166	22	0.05	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0083	0.8265	0.0090	0.8207	0.0335	0.0166	22	0.17	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0345	0.8290	0.0020	0.8207	0.0335	0.0166	22	0.25	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0006	0.8380	0.0520	0.8207	0.0335	0.0166	22	0.52	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0510	0.8500	0.0200	0.8207	0.0335	0.0166	22	0.88	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0682	0.8500	0.0000	0.8207	0.0335	0.0166	22	0.88	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0202	0.8520	0.0040	0.8207	0.0335	0.0166	22	0.94	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0032	0.8600	0.0000	0.8207	0.0335	0.0166	22	1.17	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0035	0.8650	0.0500	0.8207	0.0335	0.0166	22	1.32	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0098	0.8794	0.0420	0.8207	0.0335	0.0166	22	1.75	4%	0
031.43	Phosphorus, ICP, Microwave (%)	0964	0.7865	0.2003	0.8207	0.0335	0.0166	22	-1.02	2%	1
031.44	Phosphorus, ICP, Dry ash (%)	0955	0.7910	0.0260				1			0
031.51	Phosphorus, ICP-MS, Dry ash (%)	2146	0.7230	0.0140				1			0
031.52	Phosphorus, ICP-MS, Open vessel (%)	0154	0.7138	0.0389				2			0
031.52	Phosphorus, ICP-MS, Open vessel (%)	0186	0.7600	0.0200				2			0
031.53	Phosphorus, ICP-MS, Microwave (%)	2055	0.6635	0.0618				3			0
031.53	Phosphorus, ICP-MS, Microwave (%)	0413	0.8400	0.0200				3			0
031.53	Phosphorus, ICP-MS, Microwave (%)	0572	0.9320	0.1020				3			0
031.99	Phosphorus, Miscellaneous (%)	0889	0.5850	0.0100	0.7570	0.1041	0.0100	5			0
031.99	Phosphorus, Miscellaneous (%)	0676	0.7650	0.0100	0.7570	0.1041	0.0100	5			0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
031.99	Phosphorus, Miscellaneous (%)	0242	0.7700	0.0000	0.7570	0.1041	0.0100	5			0
031.99	Phosphorus, Miscellaneous (%)	0100	0.8000	0.0000	0.7570	0.1041	0.0100	5			0
031.99	Phosphorus, Miscellaneous (%)	0852	0.8650	0.0300	0.7570	0.1041	0.0100	5			0
032.02	Potassium, Flame Emission (%)	2248	1.090	0.0000				1			0
032.08	Potassium, Ion-selective electrode (%)	2109	1.018	0.0300				2			0
032.08	Potassium, Ion-selective electrode (%)	2006	1.110	0.0580				2			0
032.31	Potassium, AAS, Dry ash (%)	0629	0.1100	0.0000	1.146	0.0907	0.0173	14	-11.42	45%	0
032.31	Potassium, AAS, Dry ash (%)	0563	1.030	0.0074	1.146	0.0907	0.0173	14	-1.29	5%	0
032.31	Potassium, AAS, Dry ash (%)	0939	1.100	0.0400	1.146	0.0907	0.0173	14	-0.51	2%	0
032.31	Potassium, AAS, Dry ash (%)	0868	1.105	0.0100	1.146	0.0907	0.0173	14	-0.45	2%	0
032.31	Potassium, AAS, Dry ash (%)	0536	1.110	0.0400	1.146	0.0907	0.0173	14	-0.40	2%	0
032.31	Potassium, AAS, Dry ash (%)	0529	1.115	0.0100	1.146	0.0907	0.0173	14	-0.34	1%	0
032.31	Potassium, AAS, Dry ash (%)	2053	1.125	0.0300	1.146	0.0907	0.0173	14	-0.23	1%	0
032.31	Potassium, AAS, Dry ash (%)	0354	1.135	0.0100	1.146	0.0907	0.0173	14	-0.12	0%	0
032.31	Potassium, AAS, Dry ash (%)	0208	1.140	0.0400	1.146	0.0907	0.0173	14	-0.07	0%	0
032.31	Potassium, AAS, Dry ash (%)	0904	1.195	0.0100	1.146	0.0907	0.0173	14	0.54	2%	0
032.31	Potassium, AAS, Dry ash (%)	0656	1.210	0.0200	1.146	0.0907	0.0173	14	0.70	3%	0
032.31	Potassium, AAS, Dry ash (%)	0874	1.235	0.0100	1.146	0.0907	0.0173	14	0.98	4%	0
032.31	Potassium, AAS, Dry ash (%)	0142	1.253	0.0003	1.146	0.0907	0.0173	14	1.18	5%	0
032.31	Potassium, AAS, Dry ash (%)	0948	1.685	0.0150	1.146	0.0907	0.0173	14	5.94	23%	0
032.32	Potassium, AAS, Open vessel (%)	2216	1.167	0.0640				2			0
032.32	Potassium, AAS, Open vessel (%)	0169	1.170	0.0200				2			0
032.33	Potassium, AAS, Microwave (%)	0612	1.235	0.1500				1			0
032.41	Potassium, ICP, Dry ash (%)	0405	0.8900	0.0000	1.106	0.0691	0.0317	24	-3.12	10%	0
032.41	Potassium, ICP, Dry ash (%)	0520	0.9950	0.0100	1.106	0.0691	0.0317	24	-1.60	5%	0
032.41	Potassium, ICP, Dry ash (%)	0123	1.000	0.0200	1.106	0.0691	0.0317	24	-1.53	5%	0
032.41	Potassium, ICP, Dry ash (%)	0358	1.035	0.0500	1.106	0.0691	0.0317	24	-1.02	3%	0
032.41	Potassium, ICP, Dry ash (%)	2012	1.035	0.0100	1.106	0.0691	0.0317	24	-1.02	3%	0
032.41	Potassium, ICP, Dry ash (%)	0019	1.045	0.0500	1.106	0.0691	0.0317	24	-0.88	3%	0
032.41	Potassium, ICP, Dry ash (%)	0229	1.058	0.0570	1.106	0.0691	0.0317	24	-0.70	2%	0
032.41	Potassium, ICP, Dry ash (%)	0144	1.075	0.0500	1.106	0.0691	0.0317	24	-0.44	1%	0
032.41	Potassium, ICP, Dry ash (%)	0003	1.085	0.0500	1.106	0.0691	0.0317	24	-0.30	1%	0
032.41	Potassium, ICP, Dry ash (%)	0910	1.085	0.0300	1.106	0.0691	0.0317	24	-0.30	1%	0
032.41	Potassium, ICP, Dry ash (%)	0511	1.120	0.0200	1.106	0.0691	0.0317	24	0.21	1%	0
032.41	Potassium, ICP, Dry ash (%)	0653	1.121	0.0410	1.106	0.0691	0.0317	24	0.22	1%	0
032.41	Potassium, ICP, Dry ash (%)	0139	1.134	0.0130	1.106	0.0691	0.0317	24	0.40	1%	0
032.41	Potassium, ICP, Dry ash (%)	0171	1.135	0.0010	1.106	0.0691	0.0317	24	0.42	1%	0
032.41	Potassium, ICP, Dry ash (%)	0413	1.135	0.0500	1.106	0.0691	0.0317	24	0.43	1%	0
032.41	Potassium, ICP, Dry ash (%)	0208	1.139	0.0180	1.106	0.0691	0.0317	24	0.48	2%	0
032.41	Potassium, ICP, Dry ash (%)	0074	1.145	0.0300	1.106	0.0691	0.0317	24	0.57	2%	0
032.41	Potassium, ICP, Dry ash (%)	0164	1.145	0.0700	1.106	0.0691	0.0317	24	0.57	2%	0
032.41	Potassium, ICP, Dry ash (%)	0011	1.160	0.0488	1.106	0.0691	0.0317	24	0.78	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
032.41	Potassium, ICP, Dry ash (%)	0878	1.160	0.0200	1.106	0.0691	0.0317	24	0.79	2%	0
032.41	Potassium, ICP, Dry ash (%)	0598	1.163	0.0140	1.106	0.0691	0.0317	24	0.83	3%	0
032.41	Potassium, ICP, Dry ash (%)	0098	1.180	0.0000	1.106	0.0691	0.0317	24	1.08	3%	0
032.41	Potassium, ICP, Dry ash (%)	0407	1.181	0.0970	1.106	0.0691	0.0317	24	1.09	3%	0
032.41	Potassium, ICP, Dry ash (%)	0226	1.195	0.0100	1.106	0.0691	0.0317	24	1.29	4%	0
032.42	Potassium, ICP, Open vessel (%)	2129	1.006	0.0478	1.140	0.0403	0.0275	19	-3.33	6%	0
032.42	Potassium, ICP, Open vessel (%)	0294	1.090	0.0000	1.140	0.0403	0.0275	19	-1.25	2%	0
032.42	Potassium, ICP, Open vessel (%)	0037	1.106	0.0090	1.140	0.0403	0.0275	19	-0.86	2%	0
032.42	Potassium, ICP, Open vessel (%)	0870	1.113	0.0450	1.140	0.0403	0.0275	19	-0.69	1%	0
032.42	Potassium, ICP, Open vessel (%)	0187	1.115	0.0100	1.140	0.0403	0.0275	19	-0.63	1%	0
032.42	Potassium, ICP, Open vessel (%)	0726	1.119	0.0180	1.140	0.0403	0.0275	19	-0.53	1%	0
032.42	Potassium, ICP, Open vessel (%)	0205	1.120	0.0000	1.140	0.0403	0.0275	19	-0.50	1%	0
032.42	Potassium, ICP, Open vessel (%)	0693	1.132	0.0140	1.140	0.0403	0.0275	19	-0.20	0%	0
032.42	Potassium, ICP, Open vessel (%)	0160	1.134	0.0740	1.140	0.0403	0.0275	19	-0.15	0%	0
032.42	Potassium, ICP, Open vessel (%)	0045	1.135	0.0100	1.140	0.0403	0.0275	19	-0.13	0%	0
032.42	Potassium, ICP, Open vessel (%)	0278	1.135	0.0100	1.140	0.0403	0.0275	19	-0.13	0%	0
032.42	Potassium, ICP, Open vessel (%)	0263	1.141	0.0040	1.140	0.0403	0.0275	19	0.02	0%	0
032.42	Potassium, ICP, Open vessel (%)	0035	1.150	0.0200	1.140	0.0403	0.0275	19	0.24	0%	0
032.42	Potassium, ICP, Open vessel (%)	0186	1.155	0.0100	1.140	0.0403	0.0275	19	0.37	1%	0
032.42	Potassium, ICP, Open vessel (%)	0265	1.160	0.0600	1.140	0.0403	0.0275	19	0.49	1%	0
032.42	Potassium, ICP, Open vessel (%)	0190	1.185	0.0300	1.140	0.0403	0.0275	19	1.11	2%	0
032.42	Potassium, ICP, Open vessel (%)	0357	1.194	0.0165	1.140	0.0403	0.0275	19	1.34	2%	0
032.42	Potassium, ICP, Open vessel (%)	0560	1.202	0.0848	1.140	0.0403	0.0275	19	1.52	3%	0
032.42	Potassium, ICP, Open vessel (%)	0366	1.240	0.0600	1.140	0.0403	0.0275	19	2.47	4%	0
032.43	Potassium, ICP, Microwave (%)	0089	0.9400	0.0000	1.123	0.0540	0.0300	23	-3.39	8%	0
032.43	Potassium, ICP, Microwave (%)	0425	1.005	0.0300	1.123	0.0540	0.0300	23	-2.19	5%	0
032.43	Potassium, ICP, Microwave (%)	0098	1.050	0.1000	1.123	0.0540	0.0300	23	-1.36	3%	0
032.43	Potassium, ICP, Microwave (%)	0918	1.051	0.0390	1.123	0.0540	0.0300	23	-1.35	3%	0
032.43	Potassium, ICP, Microwave (%)	0032	1.080	0.0400	1.123	0.0540	0.0300	23	-0.80	2%	0
032.43	Potassium, ICP, Microwave (%)	2089	1.090	0.0600	1.123	0.0540	0.0300	23	-0.62	1%	0
032.43	Potassium, ICP, Microwave (%)	2033	1.100	0.0000	1.123	0.0540	0.0300	23	-0.43	1%	0
032.43	Potassium, ICP, Microwave (%)	0035	1.115	0.0100	1.123	0.0540	0.0300	23	-0.16	0%	0
032.43	Potassium, ICP, Microwave (%)	0964	1.116	0.0197	1.123	0.0540	0.0300	23	-0.14	0%	0
032.43	Potassium, ICP, Microwave (%)	0682	1.120	0.0000	1.123	0.0540	0.0300	23	-0.06	0%	0
032.43	Potassium, ICP, Microwave (%)	0505	1.125	0.0100	1.123	0.0540	0.0300	23	0.03	0%	0
032.43	Potassium, ICP, Microwave (%)	0510	1.125	0.0500	1.123	0.0540	0.0300	23	0.03	0%	0
032.43	Potassium, ICP, Microwave (%)	0345	1.135	0.0300	1.123	0.0540	0.0300	23	0.21	1%	0
032.43	Potassium, ICP, Microwave (%)	0010	1.140	0.0400	1.123	0.0540	0.0300	23	0.31	1%	0
032.43	Potassium, ICP, Microwave (%)	0202	1.142	0.0010	1.123	0.0540	0.0300	23	0.33	1%	0
032.43	Potassium, ICP, Microwave (%)	0881	1.145	0.0000	1.123	0.0540	0.0300	23	0.40	1%	0
032.43	Potassium, ICP, Microwave (%)	0027	1.147	0.0090	1.123	0.0540	0.0300	23	0.43	1%	0
032.43	Potassium, ICP, Microwave (%)	0036	1.150	0.0296	1.123	0.0540	0.0300	23	0.48	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
032.43	Potassium, ICP, Microwave (%)	0083	1.167	0.0260	1.123	0.0540	0.0300	23	0.81	2%	0
032.43	Potassium, ICP, Microwave (%)	0297	1.175	0.0900	1.123	0.0540	0.0300	23	0.95	2%	0
032.43	Potassium, ICP, Microwave (%)	0006	1.179	0.0540	1.123	0.0540	0.0300	23	1.03	2%	0
032.43	Potassium, ICP, Microwave (%)	0017	1.200	0.0010	1.123	0.0540	0.0300	23	1.41	3%	0
032.43	Potassium, ICP, Microwave (%)	0353	1.205	0.0500	1.123	0.0540	0.0300	23	1.51	4%	0
032.43	Potassium, ICP, Microwave (%)	0047	1.280	0.2000	1.123	0.0540	0.0300	23	2.90	7%	1
032.43	Potassium, ICP, Microwave (%)	0629	0.1000	0.0000	1.123	0.0540	0.0300	23	-18.94	46%	2
032.44	Potassium, ICP, Dry ash (%)	0955	1.105	0.0100				1			0
032.52	Potassium, ICP-MS, Open vessel (%)	0154	0.8571	0.0633				3			0
032.52	Potassium, ICP-MS, Open vessel (%)	0186	1.130	0.0200				3			0
032.52	Potassium, ICP-MS, Open vessel (%)	0016	1.180	0.0000				3			0
032.53	Potassium, ICP-MS, Microwave (%)	2055	1.030	0.0234				3			0
032.53	Potassium, ICP-MS, Microwave (%)	0413	1.130	0.0400				3			0
032.53	Potassium, ICP-MS, Microwave (%)	0572	1.390	0.0200				3			0
032.99	Potassium, Miscellaneous (%)	0889	0.8450	0.0100	1.059	0.1303	0.0124	5			0
032.99	Potassium, Miscellaneous (%)	0242	1.030	0.0000	1.059	0.1303	0.0124	5			0
032.99	Potassium, Miscellaneous (%)	0001	1.112	0.0320	1.059	0.1303	0.0124	5			0
032.99	Potassium, Miscellaneous (%)	0100	1.155	0.0100	1.059	0.1303	0.0124	5			0
032.99	Potassium, Miscellaneous (%)	0590	1.155	0.0100	1.059	0.1303	0.0124	5			0
033.00	Salt as chloride, Sol Cl (%)	0675	0.4800	0.0800	0.8298	0.0509	0.0215	18	-6.87	21%	0
033.00	Salt as chloride, Sol Cl (%)	0881	0.7445	0.0010	0.8298	0.0509	0.0215	18	-1.67	5%	0
033.00	Salt as chloride, Sol Cl (%)	0171	0.7650	0.0100	0.8298	0.0509	0.0215	18	-1.27	4%	0
033.00	Salt as chloride, Sol Cl (%)	0897	0.7950	0.0100	0.8298	0.0509	0.0215	18	-0.68	2%	0
033.00	Salt as chloride, Sol Cl (%)	0878	0.8050	0.0100	0.8298	0.0509	0.0215	18	-0.49	1%	0
033.00	Salt as chloride, Sol Cl (%)	0298	0.8100	0.0200	0.8298	0.0509	0.0215	18	-0.39	1%	0
033.00	Salt as chloride, Sol Cl (%)	0045	0.8170	0.0180	0.8298	0.0509	0.0215	18	-0.25	1%	0
033.00	Salt as chloride, Sol Cl (%)	2009	0.8262	0.0015	0.8298	0.0509	0.0215	18	-0.07	0%	0
033.00	Salt as chloride, Sol Cl (%)	2076	0.8350	0.0300	0.8298	0.0509	0.0215	18	0.10	0%	0
033.00	Salt as chloride, Sol Cl (%)	0693	0.8375	0.0010	0.8298	0.0509	0.0215	18	0.15	0%	0
033.00	Salt as chloride, Sol Cl (%)	0539	0.8400	0.0400	0.8298	0.0509	0.0215	18	0.20	1%	0
033.00	Salt as chloride, Sol Cl (%)	0309	0.8421	0.0162	0.8298	0.0509	0.0215	18	0.24	1%	0
033.00	Salt as chloride, Sol Cl (%)	2022	0.8450	0.0100	0.8298	0.0509	0.0215	18	0.30	1%	0
033.00	Salt as chloride, Sol Cl (%)	0123	0.8600	0.0200	0.8298	0.0509	0.0215	18	0.59	2%	0
033.00	Salt as chloride, Sol Cl (%)	0353	0.8650	0.0700	0.8298	0.0509	0.0215	18	0.69	2%	0
033.00	Salt as chloride, Sol Cl (%)	2196	0.8800	0.0000	0.8298	0.0509	0.0215	18	0.99	3%	0
033.00	Salt as chloride, Sol Cl (%)	0366	0.9000	0.0200	0.8298	0.0509	0.0215	18	1.38	4%	0
033.00	Salt as chloride, Sol Cl (%)	2193	0.9550	0.0300	0.8298	0.0509	0.0215	18	2.46	8%	0
033.01	Salt as chloride, Poten Cl (%)	0619	0.7670	0.0140	0.8809	0.0249	0.0151	25	-4.57	6%	0
033.01	Salt as chloride, Poten Cl (%)	0596	0.7950	0.0100	0.8809	0.0249	0.0151	25	-3.45	5%	0
033.01	Salt as chloride, Poten Cl (%)	0100	0.8450	0.0300	0.8809	0.0249	0.0151	25	-1.44	2%	0
033.01	Salt as chloride, Poten Cl (%)	0425	0.8500	0.0200	0.8809	0.0249	0.0151	25	-1.24	2%	0
033.01	Salt as chloride, Poten Cl (%)	0083	0.8550	0.0100	0.8809	0.0249	0.0151	25	-1.04	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
033.01	Salt as chloride, Poten CI (%)	0242	0.8700	0.0000	0.8809	0.0249	0.0151	25	-0.44	1%	0
033.01	Salt as chloride, Poten CI (%)	0650	0.8700	0.0200	0.8809	0.0249	0.0151	25	-0.44	1%	0
033.01	Salt as chloride, Poten CI (%)	0407	0.8745	0.0050	0.8809	0.0249	0.0151	25	-0.26	0%	0
033.01	Salt as chloride, Poten CI (%)	0098	0.8750	0.0300	0.8809	0.0249	0.0151	25	-0.24	0%	0
033.01	Salt as chloride, Poten CI (%)	0229	0.8760	0.0080	0.8809	0.0249	0.0151	25	-0.20	0%	0
033.01	Salt as chloride, Poten CI (%)	2109	0.8765	0.0030	0.8809	0.0249	0.0151	25	-0.18	0%	0
033.01	Salt as chloride, Poten CI (%)	0948	0.8800	0.0000	0.8809	0.0249	0.0151	25	-0.04	0%	0
033.01	Salt as chloride, Poten CI (%)	2146	0.8800	0.0000	0.8809	0.0249	0.0151	25	-0.04	0%	0
033.01	Salt as chloride, Poten CI (%)	0354	0.8850	0.0100	0.8809	0.0249	0.0151	25	0.16	0%	0
033.01	Salt as chloride, Poten CI (%)	0413	0.8850	0.0300	0.8809	0.0249	0.0151	25	0.16	0%	0
033.01	Salt as chloride, Poten CI (%)	0629	0.8850	0.0100	0.8809	0.0249	0.0151	25	0.16	0%	0
033.01	Salt as chloride, Poten CI (%)	0164	0.8900	0.0000	0.8809	0.0249	0.0151	25	0.36	1%	0
033.01	Salt as chloride, Poten CI (%)	0510	0.8900	0.0000	0.8809	0.0249	0.0151	25	0.36	1%	0
033.01	Salt as chloride, Poten CI (%)	0644	0.8970	0.0491	0.8809	0.0249	0.0151	25	0.64	1%	0
033.01	Salt as chloride, Poten CI (%)	0205	0.8995	0.0230	0.8809	0.0249	0.0151	25	0.75	1%	0
033.01	Salt as chloride, Poten CI (%)	0278	0.9000	0.0000	0.8809	0.0249	0.0151	25	0.77	1%	0
033.01	Salt as chloride, Poten CI (%)	0590	0.9000	0.0600	0.8809	0.0249	0.0151	25	0.77	1%	0
033.01	Salt as chloride, Poten CI (%)	0874	0.9155	0.0170	0.8809	0.0249	0.0151	25	1.39	2%	0
033.01	Salt as chloride, Poten CI (%)	0226	0.9200	0.0000	0.8809	0.0249	0.0151	25	1.57	2%	0
033.01	Salt as chloride, Poten CI (%)	0186	0.9460	0.0280	0.8809	0.0249	0.0151	25	2.61	4%	0
033.03	Salt as chloride, Quantab (%)	0144	0.5050	0.0700				3			0
033.03	Salt as chloride, Quantab (%)	0656	0.7150	0.0500				3			0
033.03	Salt as chloride, Quantab (%)	0265	0.8100	0.0200				3			0
033.05	Salt as chloride, Ion Sel Electrode (%)	0868	0.6850	0.0100				2			0
033.05	Salt as chloride, Ion Sel Electrode (%)	0689	0.8600	0.0000				2			0
033.99	Salt, Miscellaneous (%)	0032	0.6750	0.0100	0.7712	0.0989	0.0157	9	-0.97	6%	0
033.99	Salt, Miscellaneous (%)	0003	0.6900	0.0000	0.7712	0.0989	0.0157	9	-0.82	5%	0
033.99	Salt, Miscellaneous (%)	0536	0.7050	0.0100	0.7712	0.0989	0.0157	9	-0.67	4%	0
033.99	Salt, Miscellaneous (%)	0358	0.7050	0.0500	0.7712	0.0989	0.0157	9	-0.67	4%	0
033.99	Salt, Miscellaneous (%)	0017	0.7205	0.0210	0.7712	0.0989	0.0157	9	-0.51	3%	0
033.99	Salt, Miscellaneous (%)	2181	0.8450	0.0300	0.7712	0.0989	0.0157	9	0.75	5%	0
033.99	Salt, Miscellaneous (%)	0910	0.8500	0.0200	0.7712	0.0989	0.0157	9	0.80	5%	0
033.99	Salt, Miscellaneous (%)	0682	0.8600	0.0000	0.7712	0.0989	0.0157	9	0.90	6%	0
033.99	Salt, Miscellaneous (%)	2073	0.8900	0.0000	0.7712	0.0989	0.0157	9	1.20	8%	0
033.99	Salt, Miscellaneous (%)	0853	0.9400	0.1200	0.7712	0.0989	0.0157	9	1.71	11%	1
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0045	1.525	0.0900	1.821	0.2564	0.1644	4			0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0563	1.719	0.4074	1.821	0.2564	0.1644	4			0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0171	1.920	0.0600	1.821	0.2564	0.1644	4			0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0169	2.120	0.1000	1.821	0.2564	0.1644	4			0
034.31	Selenium, AAS, Dry ash (mg / kg (ppm))	0939	2.175	0.0500				1			0
034.34	Selenium, AAS, Graphite furnace (mg / kg (ppm))	0904	1.490	0.1800				1			0
034.41	Selenium, ICP, Dry ash (mg / kg (ppm))	0619	2.335	0.3900				1			0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
034.42	Selenium, ICP, Open vessel (mg / kg (ppm))	0160	< 10					0			5
034.43	Selenium, ICP, Microwave (mg / kg (ppm))	0964	1.488	0.6096				3			0
034.43	Selenium, ICP, Microwave (mg / kg (ppm))	2033	2.315	0.1500				3			0
034.43	Selenium, ICP, Microwave (mg / kg (ppm))	0407	3.105	0.0300				3			0
034.52	Selenium, ICP-MS, Open vessel (mg / kg (ppm))	0047	1.770	0.0400	2.168	0.4057	0.1080	5			0
034.52	Selenium, ICP-MS, Open vessel (mg / kg (ppm))	0016	1.805	0.0900	2.168	0.4057	0.1080	5			0
034.52	Selenium, ICP-MS, Open vessel (mg / kg (ppm))	0910	2.085	0.1700	2.168	0.4057	0.1080	5			0
034.52	Selenium, ICP-MS, Open vessel (mg / kg (ppm))	0208	2.540	0.1200	2.168	0.4057	0.1080	5			0
034.52	Selenium, ICP-MS, Open vessel (mg / kg (ppm))	0186	2.640	0.1200	2.168	0.4057	0.1080	5			0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	0164	1.660	0.1400	2.042	0.3040	0.1562	8	-1.26	9%	0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	0413	1.820	0.2600	2.042	0.3040	0.1562	8	-0.73	5%	0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	2055	1.850	0.3800	2.042	0.3040	0.1562	8	-0.63	5%	0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	0032	1.925	0.1900	2.042	0.3040	0.1562	8	-0.39	3%	0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	0560	2.143	0.0080	2.042	0.3040	0.1562	8	0.33	2%	0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	0098	2.184	0.0890	2.042	0.3040	0.1562	8	0.46	3%	0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	2012	2.374	0.1100	2.042	0.3040	0.1562	8	1.09	8%	0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	0918	2.384	0.0728	2.042	0.3040	0.1562	8	1.12	8%	0
034.99	Selenium, Miscellaneous (mg / kg (ppm))	0190	2.825	0.0100				1			0
035.01	Sodium, Ion-selective electrode (%)	2006	0.2540	0.0040				2			0
035.01	Sodium, Ion-selective electrode (%)	0868	0.2850	0.0020				2			0
035.05	Sodium, Flame Emission (%)	0108	0.2550	0.1100				3			0
035.05	Sodium, Flame Emission (%)	2248	0.2900	0.0000				3			0
035.05	Sodium, Flame Emission (%)	0037	0.2950	0.0100				3			0
035.31	Sodium, AAS, Dry ash (%)	2126	0.2050	0.0100	0.2955	0.0254	0.0054	18	-3.56	15%	0
035.31	Sodium, AAS, Dry ash (%)	0536	0.2500	0.0200	0.2955	0.0254	0.0054	18	-1.79	8%	0
035.31	Sodium, AAS, Dry ash (%)	0563	0.2763	0.0052	0.2955	0.0254	0.0054	18	-0.75	3%	0
035.31	Sodium, AAS, Dry ash (%)	0656	0.2800	0.0000	0.2955	0.0254	0.0054	18	-0.61	3%	0
035.31	Sodium, AAS, Dry ash (%)	0689	0.2800	0.0000	0.2955	0.0254	0.0054	18	-0.61	3%	0
035.31	Sodium, AAS, Dry ash (%)	0939	0.2800	0.0000	0.2955	0.0254	0.0054	18	-0.61	3%	0
035.31	Sodium, AAS, Dry ash (%)	0868	0.2850	0.0100	0.2955	0.0254	0.0054	18	-0.41	2%	0
035.31	Sodium, AAS, Dry ash (%)	2018	0.2850	0.0100	0.2955	0.0254	0.0054	18	-0.41	2%	0
035.31	Sodium, AAS, Dry ash (%)	0208	0.2875	0.0010	0.2955	0.0254	0.0054	18	-0.31	1%	0
035.31	Sodium, AAS, Dry ash (%)	0354	0.3000	0.0000	0.2955	0.0254	0.0054	18	0.18	1%	0
035.31	Sodium, AAS, Dry ash (%)	0629	0.3000	0.0000	0.2955	0.0254	0.0054	18	0.18	1%	0
035.31	Sodium, AAS, Dry ash (%)	0142	0.3046	0.0084	0.2955	0.0254	0.0054	18	0.36	2%	0
035.31	Sodium, AAS, Dry ash (%)	0529	0.3130	0.0000	0.2955	0.0254	0.0054	18	0.69	3%	0
035.31	Sodium, AAS, Dry ash (%)	0722	0.3151	0.0025	0.2955	0.0254	0.0054	18	0.77	3%	0
035.31	Sodium, AAS, Dry ash (%)	0904	0.3200	0.0200	0.2955	0.0254	0.0054	18	0.97	4%	0
035.31	Sodium, AAS, Dry ash (%)	2196	0.3200	0.0000	0.2955	0.0254	0.0054	18	0.97	4%	0
035.31	Sodium, AAS, Dry ash (%)	0874	0.3235	0.0070	0.2955	0.0254	0.0054	18	1.10	5%	0
035.31	Sodium, AAS, Dry ash (%)	0948	0.3645	0.0030	0.2955	0.0254	0.0054	18	2.72	12%	0
035.32	Sodium, AAS, Open vessel (%)	2216	0.2885	0.0050				2			0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
035.32	Sodium, AAS, Open vessel (%)	0169	0.3015	0.0230				2			0
035.41	Sodium, ICP, Dry ash (%)	0520	0.2595	0.0088	0.2896	0.0172	0.0101	24	-1.75	5%	0
035.41	Sodium, ICP, Dry ash (%)	0229	0.2685	0.0210	0.2896	0.0172	0.0101	24	-1.23	4%	0
035.41	Sodium, ICP, Dry ash (%)	0298	0.2700	0.0200	0.2896	0.0172	0.0101	24	-1.14	3%	0
035.41	Sodium, ICP, Dry ash (%)	0405	0.2700	0.0000	0.2896	0.0172	0.0101	24	-1.14	3%	0
035.41	Sodium, ICP, Dry ash (%)	2012	0.2700	0.0000	0.2896	0.0172	0.0101	24	-1.14	3%	0
035.41	Sodium, ICP, Dry ash (%)	0144	0.2750	0.0100	0.2896	0.0172	0.0101	24	-0.85	3%	0
035.41	Sodium, ICP, Dry ash (%)	0123	0.2800	0.0000	0.2896	0.0172	0.0101	24	-0.56	2%	0
035.41	Sodium, ICP, Dry ash (%)	0358	0.2800	0.0200	0.2896	0.0172	0.0101	24	-0.56	2%	0
035.41	Sodium, ICP, Dry ash (%)	0164	0.2845	0.0030	0.2896	0.0172	0.0101	24	-0.30	1%	0
035.41	Sodium, ICP, Dry ash (%)	0511	0.2850	0.0100	0.2896	0.0172	0.0101	24	-0.27	1%	0
035.41	Sodium, ICP, Dry ash (%)	0407	0.2886	0.0062	0.2896	0.0172	0.0101	24	-0.06	0%	0
035.41	Sodium, ICP, Dry ash (%)	0413	0.2900	0.0200	0.2896	0.0172	0.0101	24	0.02	0%	0
035.41	Sodium, ICP, Dry ash (%)	0208	0.2925	0.0090	0.2896	0.0172	0.0101	24	0.17	0%	0
035.41	Sodium, ICP, Dry ash (%)	0619	0.2945	0.0150	0.2896	0.0172	0.0101	24	0.28	1%	0
035.41	Sodium, ICP, Dry ash (%)	0098	0.2950	0.0100	0.2896	0.0172	0.0101	24	0.31	1%	0
035.41	Sodium, ICP, Dry ash (%)	0171	0.2950	0.0100	0.2896	0.0172	0.0101	24	0.31	1%	0
035.41	Sodium, ICP, Dry ash (%)	0019	0.2950	0.0300	0.2896	0.0172	0.0101	24	0.31	1%	0
035.41	Sodium, ICP, Dry ash (%)	0598	0.3020	0.0022	0.2896	0.0172	0.0101	24	0.72	2%	0
035.41	Sodium, ICP, Dry ash (%)	0653	0.3035	0.0070	0.2896	0.0172	0.0101	24	0.81	2%	0
035.41	Sodium, ICP, Dry ash (%)	0878	0.3050	0.0100	0.2896	0.0172	0.0101	24	0.90	3%	0
035.41	Sodium, ICP, Dry ash (%)	0910	0.3050	0.0100	0.2896	0.0172	0.0101	24	0.90	3%	0
035.41	Sodium, ICP, Dry ash (%)	0955	0.3075	0.0070	0.2896	0.0172	0.0101	24	1.04	3%	0
035.41	Sodium, ICP, Dry ash (%)	0226	0.3150	0.0100	0.2896	0.0172	0.0101	24	1.48	4%	0
035.41	Sodium, ICP, Dry ash (%)	0139	0.3215	0.0030	0.2896	0.0172	0.0101	24	1.86	6%	0
035.42	Sodium, ICP, Open vessel (%)	0366	0.2585	0.0030	0.2868	0.0146	0.0071	17	-1.94	5%	0
035.42	Sodium, ICP, Open vessel (%)	0294	0.2700	0.0000	0.2868	0.0146	0.0071	17	-1.15	3%	0
035.42	Sodium, ICP, Open vessel (%)	0205	0.2725	0.0050	0.2868	0.0146	0.0071	17	-0.98	2%	0
035.42	Sodium, ICP, Open vessel (%)	0870	0.2759	0.0004	0.2868	0.0146	0.0071	17	-0.75	2%	0
035.42	Sodium, ICP, Open vessel (%)	0263	0.2790	0.0020	0.2868	0.0146	0.0071	17	-0.54	1%	0
035.42	Sodium, ICP, Open vessel (%)	0035	0.2800	0.0000	0.2868	0.0146	0.0071	17	-0.47	1%	0
035.42	Sodium, ICP, Open vessel (%)	0045	0.2815	0.0110	0.2868	0.0146	0.0071	17	-0.36	1%	0
035.42	Sodium, ICP, Open vessel (%)	0693	0.2845	0.0030	0.2868	0.0146	0.0071	17	-0.16	0%	0
035.42	Sodium, ICP, Open vessel (%)	0265	0.2850	0.0100	0.2868	0.0146	0.0071	17	-0.12	0%	0
035.42	Sodium, ICP, Open vessel (%)	0160	0.2878	0.0168	0.2868	0.0146	0.0071	17	0.07	0%	0
035.42	Sodium, ICP, Open vessel (%)	0278	0.2900	0.0200	0.2868	0.0146	0.0071	17	0.22	1%	0
035.42	Sodium, ICP, Open vessel (%)	0726	0.2912	0.0023	0.2868	0.0146	0.0071	17	0.30	1%	0
035.42	Sodium, ICP, Open vessel (%)	0190	0.2950	0.0100	0.2868	0.0146	0.0071	17	0.56	1%	0
035.42	Sodium, ICP, Open vessel (%)	0560	0.2990	0.0237	0.2868	0.0146	0.0071	17	0.83	2%	0
035.42	Sodium, ICP, Open vessel (%)	2053	0.3050	0.0100	0.2868	0.0146	0.0071	17	1.25	3%	0
035.42	Sodium, ICP, Open vessel (%)	0187	0.3059	0.0033	0.2868	0.0146	0.0071	17	1.31	3%	0
035.42	Sodium, ICP, Open vessel (%)	0186	0.3190	0.0000	0.2868	0.0146	0.0071	17	2.21	6%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
035.43	Sodium, ICP, Microwave (%)	2192	0.2400	0.0000	0.2866	0.0280	0.0095	22	-1.67	8%	0
035.43	Sodium, ICP, Microwave (%)	0505	0.2450	0.0300	0.2866	0.0280	0.0095	22	-1.49	7%	0
035.43	Sodium, ICP, Microwave (%)	0425	0.2550	0.0100	0.2866	0.0280	0.0095	22	-1.13	6%	0
035.43	Sodium, ICP, Microwave (%)	0098	0.2650	0.0300	0.2866	0.0280	0.0095	22	-0.77	4%	0
035.43	Sodium, ICP, Microwave (%)	0918	0.2690	0.0140	0.2866	0.0280	0.0095	22	-0.63	3%	0
035.43	Sodium, ICP, Microwave (%)	0032	0.2700	0.0000	0.2866	0.0280	0.0095	22	-0.59	3%	0
035.43	Sodium, ICP, Microwave (%)	0629	0.2750	0.0100	0.2866	0.0280	0.0095	22	-0.42	2%	0
035.43	Sodium, ICP, Microwave (%)	0035	0.2800	0.0000	0.2866	0.0280	0.0095	22	-0.24	1%	0
035.43	Sodium, ICP, Microwave (%)	0682	0.2800	0.0000	0.2866	0.0280	0.0095	22	-0.24	1%	0
035.43	Sodium, ICP, Microwave (%)	0510	0.2815	0.0070	0.2866	0.0280	0.0095	22	-0.18	1%	0
035.43	Sodium, ICP, Microwave (%)	0345	0.2820	0.0020	0.2866	0.0280	0.0095	22	-0.16	1%	0
035.43	Sodium, ICP, Microwave (%)	0017	0.2835	0.0090	0.2866	0.0280	0.0095	22	-0.11	1%	0
035.43	Sodium, ICP, Microwave (%)	2033	0.2835	0.0010	0.2866	0.0280	0.0095	22	-0.11	1%	0
035.43	Sodium, ICP, Microwave (%)	0083	0.2900	0.0000	0.2866	0.0280	0.0095	22	0.12	1%	0
035.43	Sodium, ICP, Microwave (%)	0297	0.2900	0.0200	0.2866	0.0280	0.0095	22	0.12	1%	0
035.43	Sodium, ICP, Microwave (%)	0010	0.3000	0.0000	0.2866	0.0280	0.0095	22	0.48	2%	0
035.43	Sodium, ICP, Microwave (%)	2089	0.3050	0.0100	0.2866	0.0280	0.0095	22	0.66	3%	0
035.43	Sodium, ICP, Microwave (%)	0027	0.3100	0.0140	0.2866	0.0280	0.0095	22	0.84	4%	0
035.43	Sodium, ICP, Microwave (%)	0202	0.3105	0.0190	0.2866	0.0280	0.0095	22	0.85	4%	0
035.43	Sodium, ICP, Microwave (%)	0006	0.3300	0.0120	0.2866	0.0280	0.0095	22	1.55	8%	0
035.43	Sodium, ICP, Microwave (%)	0353	0.3400	0.0200	0.2866	0.0280	0.0095	22	1.91	9%	0
035.43	Sodium, ICP, Microwave (%)	0089	0.3600	0.0000	0.2866	0.0280	0.0095	22	2.63	13%	0
035.51	Sodium, ICP-MS, Dry ash (%)	2146	0.2520	0.0060				1			0
035.52	Sodium, ICP-MS, Open vessel (%)	0154	0.2515	0.0094				2			0
035.52	Sodium, ICP-MS, Open vessel (%)	0186	0.2930	0.0040				2			0
035.53	Sodium, ICP-MS, Microwave (%)	2055	0.2701	0.0202				3			0
035.53	Sodium, ICP-MS, Microwave (%)	0413	0.2750	0.0100				3			0
035.53	Sodium, ICP-MS, Microwave (%)	0572	0.3140	0.0400				3			0
035.99	Sodium, Miscellaneous (%)	0889	0.1400	0.0000	0.2426	0.0714	0.0013	4			0
035.99	Sodium, Miscellaneous (%)	2129	0.2504	0.0050	0.2426	0.0714	0.0013	4			0
035.99	Sodium, Miscellaneous (%)	0242	0.2800	0.0000	0.2426	0.0714	0.0013	4			0
035.99	Sodium, Miscellaneous (%)	0100	0.3000	0.0000	0.2426	0.0714	0.0013	4			0
035.99	Sodium, Miscellaneous (%)	0590	0.3050	0.0300	0.2426	0.0714	0.0013	4			1
036.04	Sulfur, LECO (%)	0001	0.2430	0.0380				3			0
036.04	Sulfur, LECO (%)	0226	0.2700	0.0000				3			0
036.04	Sulfur, LECO (%)	0229	0.2805	0.0010				3			0
036.42	Sulfur, ICP, Open vessel (%)	2129	0.2248	0.0023	0.2569	0.0171	0.0034	20	-1.88	6%	0
036.42	Sulfur, ICP, Open vessel (%)	0229	0.2250	0.0100	0.2569	0.0171	0.0034	20	-1.87	6%	0
036.42	Sulfur, ICP, Open vessel (%)	0870	0.2363	0.0073	0.2569	0.0171	0.0034	20	-1.21	4%	0
036.42	Sulfur, ICP, Open vessel (%)	0171	0.2410	0.0000	0.2569	0.0171	0.0034	20	-0.93	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0366	0.2450	0.0100	0.2569	0.0171	0.0034	20	-0.70	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0693	0.2495	0.0010	0.2569	0.0171	0.0034	20	-0.43	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
036.42	Sulfur, ICP, Open vessel (%)	0035	0.2500	0.0000	0.2569	0.0171	0.0034	20	-0.41	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0045	0.2525	0.0030	0.2569	0.0171	0.0034	20	-0.26	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0278	0.2550	0.0100	0.2569	0.0171	0.0034	20	-0.11	0%	0
036.42	Sulfur, ICP, Open vessel (%)	0407	0.2559	0.0027	0.2569	0.0171	0.0034	20	-0.06	0%	0
036.42	Sulfur, ICP, Open vessel (%)	0186	0.2585	0.0010	0.2569	0.0171	0.0034	20	0.09	0%	0
036.42	Sulfur, ICP, Open vessel (%)	0265	0.2600	0.0000	0.2569	0.0171	0.0034	20	0.18	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0187	0.2641	0.0038	0.2569	0.0171	0.0034	20	0.42	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0726	0.2660	0.0000	0.2569	0.0171	0.0034	20	0.53	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0560	0.2672	0.0000	0.2569	0.0171	0.0034	20	0.60	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0357	0.2676	0.0035	0.2569	0.0171	0.0034	20	0.62	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0708	0.2700	0.0040	0.2569	0.0171	0.0034	20	0.76	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0190	0.2750	0.0100	0.2569	0.0171	0.0034	20	1.06	4%	0
036.42	Sulfur, ICP, Open vessel (%)	0037	0.2800	0.0000	0.2569	0.0171	0.0034	20	1.35	4%	0
036.42	Sulfur, ICP, Open vessel (%)	0294	0.2900	0.0000	0.2569	0.0171	0.0034	20	1.93	6%	0
036.43	Sulfur, ICP, Microwave (%)	0035	0.2350	0.0100	0.2652	0.0223	0.0075	16	-1.35	6%	0
036.43	Sulfur, ICP, Microwave (%)	0098	0.2360	0.0038	0.2652	0.0223	0.0075	16	-1.31	5%	0
036.43	Sulfur, ICP, Microwave (%)	0027	0.2430	0.0040	0.2652	0.0223	0.0075	16	-0.99	4%	0
036.43	Sulfur, ICP, Microwave (%)	0169	0.2450	0.0100	0.2652	0.0223	0.0075	16	-0.90	4%	0
036.43	Sulfur, ICP, Microwave (%)	0032	0.2550	0.0100	0.2652	0.0223	0.0075	16	-0.46	2%	0
036.43	Sulfur, ICP, Microwave (%)	0297	0.2550	0.0100	0.2652	0.0223	0.0075	16	-0.46	2%	0
036.43	Sulfur, ICP, Microwave (%)	0083	0.2590	0.0060	0.2652	0.0223	0.0075	16	-0.28	1%	0
036.43	Sulfur, ICP, Microwave (%)	0918	0.2605	0.0070	0.2652	0.0223	0.0075	16	-0.21	1%	0
036.43	Sulfur, ICP, Microwave (%)	0345	0.2625	0.0030	0.2652	0.0223	0.0075	16	-0.12	1%	0
036.43	Sulfur, ICP, Microwave (%)	0964	0.2745	0.0077	0.2652	0.0223	0.0075	16	0.42	2%	0
036.43	Sulfur, ICP, Microwave (%)	0510	0.2800	0.0000	0.2652	0.0223	0.0075	16	0.67	3%	0
036.43	Sulfur, ICP, Microwave (%)	2033	0.2800	0.0000	0.2652	0.0223	0.0075	16	0.67	3%	0
036.43	Sulfur, ICP, Microwave (%)	0202	0.2870	0.0080	0.2652	0.0223	0.0075	16	0.98	4%	0
036.43	Sulfur, ICP, Microwave (%)	2089	0.2900	0.0000	0.2652	0.0223	0.0075	16	1.12	5%	0
036.43	Sulfur, ICP, Microwave (%)	0353	0.2900	0.0200	0.2652	0.0223	0.0075	16	1.12	5%	0
036.43	Sulfur, ICP, Microwave (%)	0505	0.2900	0.0200	0.2652	0.0223	0.0075	16	1.12	5%	0
036.52	Sulfur, ICP-MS, Open vessel (%)	0186	0.2390	0.0040				2			0
036.52	Sulfur, ICP-MS, Open vessel (%)	0910	0.2557	0.0376				2			0
036.99	Sulfur, Miscellaneous (%)	0242	0.2400	0.0000				2			0
036.99	Sulfur, Miscellaneous (%)	0889	0.2600	0.0000				2			0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0629	390.0	2.000	428.7	19.92	8.846	17	-1.94	5%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	2144	406.5	4.280	428.7	19.92	8.846	17	-1.12	3%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0354	408.6	4.720	428.7	19.92	8.846	17	-1.01	2%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0563	415.6	15.51	428.7	19.92	8.846	17	-0.66	2%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0208	418.0	30.00	428.7	19.92	8.846	17	-0.54	1%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0529	419.1	11.90	428.7	19.92	8.846	17	-0.48	1%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0939	420.1	9.100	428.7	19.92	8.846	17	-0.43	1%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0001	422.2	2.100	428.7	19.92	8.846	17	-0.33	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0722	427.6	14.32	428.7	19.92	8.846	17	-0.06	0%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0874	430.0	4.000	428.7	19.92	8.846	17	0.07	0%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0536	433.4	6.900	428.7	19.92	8.846	17	0.23	1%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0904	438.3	15.32	428.7	19.92	8.846	17	0.48	1%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0868	440.9	7.900	428.7	19.92	8.846	17	0.61	1%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	2188	445.4	7.300	428.7	19.92	8.846	17	0.84	2%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	2196	446.6	0.0000	428.7	19.92	8.846	17	0.90	2%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0656	466.8	6.820	428.7	19.92	8.846	17	1.91	4%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0689	505.8	8.200	428.7	19.92	8.846	17	3.87	9%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	2248	479.8	68.49	428.7	19.92	8.846	17	2.56	6%	1
037.32	Zinc, AAS, Open vessel (mg / kg (ppm))	2128	433.4	12.15				1			0
037.33	Zinc, AAS, Microwave (mg / kg (ppm))	0948	440.2	0.8240				2			0
037.33	Zinc, AAS, Microwave (mg / kg (ppm))	0010	445.0	10.00				2			0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0848	375.7	5.490	424.3	27.23	15.64	23	-1.79	6%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0520	386.0	8.000	424.3	27.23	15.64	23	-1.41	5%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0405	387.1	0.0000	424.3	27.23	15.64	23	-1.37	4%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0653	389.6	6.500	424.3	27.23	15.64	23	-1.28	4%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0164	398.5	13.00	424.3	27.23	15.64	23	-0.95	3%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0123	405.5	15.00	424.3	27.23	15.64	23	-0.69	2%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0511	412.0	32.00	424.3	27.23	15.64	23	-0.45	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0619	420.5	21.00	424.3	27.23	15.64	23	-0.14	0%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0229	421.9	2.200	424.3	27.23	15.64	23	-0.09	0%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0098	422.2	7.700	424.3	27.23	15.64	23	-0.08	0%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0910	423.0	66.00	424.3	27.23	15.64	23	-0.05	0%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0358	424.6	9.710	424.3	27.23	15.64	23	0.01	0%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	2012	430.0	11.07	424.3	27.23	15.64	23	0.21	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0074	431.5	3.000	424.3	27.23	15.64	23	0.26	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0171	432.8	0.6000	424.3	27.23	15.64	23	0.31	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0208	435.6	2.200	424.3	27.23	15.64	23	0.41	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0598	441.2	3.800	424.3	27.23	15.64	23	0.62	2%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0407	441.7	20.79	424.3	27.23	15.64	23	0.64	2%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0019	444.9	3.500	424.3	27.23	15.64	23	0.75	2%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0878	449.0	16.00	424.3	27.23	15.64	23	0.91	3%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0011	451.2	30.46	424.3	27.23	15.64	23	0.99	3%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0226	462.6	15.61	424.3	27.23	15.64	23	1.40	5%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0003	480.0	66.00	424.3	27.23	15.64	23	2.04	7%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0870	371.8	16.00	426.3	31.60	13.46	19	-1.72	6%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0366	374.5	15.00	426.3	31.60	13.46	19	-1.64	6%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0294	383.4	0.0000	426.3	31.60	13.46	19	-1.36	5%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0263	406.3	2.700	426.3	31.60	13.46	19	-0.63	2%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0187	407.2	0.2400	426.3	31.60	13.46	19	-0.60	2%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0560	413.2	12.70	426.3	31.60	13.46	19	-0.42	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0186	413.5	5.000	426.3	31.60	13.46	19	-0.41	2%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0037	415.0	0.0000	426.3	31.60	13.46	19	-0.36	1%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0045	425.0	10.00	426.3	31.60	13.46	19	-0.04	0%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0413	427.0	34.00	426.3	31.60	13.46	19	0.02	0%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0693	434.1	37.28	426.3	31.60	13.46	19	0.25	1%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	2053	435.5	23.00	426.3	31.60	13.46	19	0.29	1%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0265	443.5	25.00	426.3	31.60	13.46	19	0.54	2%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0357	444.0	5.187	426.3	31.60	13.46	19	0.56	2%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0160	450.5	49.00	426.3	31.60	13.46	19	0.77	3%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0278	453.1	15.70	426.3	31.60	13.46	19	0.85	3%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0726	454.7	1.000	426.3	31.60	13.46	19	0.90	3%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0190	462.4	1.500	426.3	31.60	13.46	19	1.14	4%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0035	484.1	2.400	426.3	31.60	13.46	19	1.83	7%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0169	388.0	6.000	445.4	33.68	19.71	20	-1.71	6%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0425	398.6	32.70	445.4	33.68	19.71	20	-1.39	5%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0629	400.0	10.00	445.4	33.68	19.71	20	-1.35	5%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0345	421.7	3.000	445.4	33.68	19.71	20	-0.70	3%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0083	427.0	12.00	445.4	33.68	19.71	20	-0.55	2%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0918	431.8	20.26	445.4	33.68	19.71	20	-0.40	2%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0202	432.5	6.665	445.4	33.68	19.71	20	-0.38	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0017	437.0	76.29	445.4	33.68	19.71	20	-0.25	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0510	439.5	7.000	445.4	33.68	19.71	20	-0.18	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	2089	440.4	3.650	445.4	33.68	19.71	20	-0.15	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0297	444.0	22.00	445.4	33.68	19.71	20	-0.04	0%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0032	446.5	15.00	445.4	33.68	19.71	20	0.03	0%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0682	448.6	0.0000	445.4	33.68	19.71	20	0.09	0%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0964	460.8	10.32	445.4	33.68	19.71	20	0.46	2%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0035	465.6	8.300	445.4	33.68	19.71	20	0.60	2%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0098	474.7	31.10	445.4	33.68	19.71	20	0.87	3%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	2192	476.2	9.580	445.4	33.68	19.71	20	0.91	3%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0027	477.0	11.41	445.4	33.68	19.71	20	0.94	4%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	2033	501.0	48.00	445.4	33.68	19.71	20	1.65	6%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0353	515.5	61.00	445.4	33.68	19.71	20	2.08	8%	0
037.44	Zinc, ICP, Dry ash (mg / kg (ppm))	0955	392.0	4.000				1			0
037.52	Zinc, ICP-MS, Open vessel (mg / kg (ppm))	0047	336.2	3.700				3			0
037.52	Zinc, ICP-MS, Open vessel (mg / kg (ppm))	0016	404.0	2.000				3			0
037.52	Zinc, ICP-MS, Open vessel (mg / kg (ppm))	0186	452.0	8.000				3			0
037.53	Zinc, ICP-MS, Microwave (mg / kg (ppm))	2055	342.5	5.000				3			0
037.53	Zinc, ICP-MS, Microwave (mg / kg (ppm))	0413	367.5	3.000				3			0
037.53	Zinc, ICP-MS, Microwave (mg / kg (ppm))	0572	448.0	34.00				3			0
037.99	Zinc, Miscellaneous (mg / kg (ppm))	0889	367.8	9.190	435.3	57.93	11.55	4			0
037.99	Zinc, Miscellaneous (mg / kg (ppm))	0590	411.5	7.000	435.3	57.93	11.55	4			0

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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
037.99	Zinc, Miscellaneous (mg / kg (ppm))	0242	461.5	3.000	435.3	57.93	11.55	4			0
037.99	Zinc, Miscellaneous (mg / kg (ppm))	0100	500.5	27.00	435.3	57.93	11.55	4			0
037.99	Zinc, Miscellaneous (mg / kg (ppm))	2129	414.5	83.00	435.3	57.93	11.55	4			1
038.34	Molybdenum, AAS, Graphite furnace (mg / kg (ppm))	2053	3.500	0.0000				1			0
038.41	Molybdenum, ICP, Dry ash (mg / kg (ppm))	0171	3.185	0.0100				3			0
038.41	Molybdenum, ICP, Dry ash (mg / kg (ppm))	0407	3.225	0.0073				3			0
038.41	Molybdenum, ICP, Dry ash (mg / kg (ppm))	0226	3.530	0.1400				3			0
038.42	Molybdenum, ICP, Open vessel (mg / kg (ppm))	0045	3.655	0.1300				3			0
038.42	Molybdenum, ICP, Open vessel (mg / kg (ppm))	0693	3.702	0.0680				3			0
038.42	Molybdenum, ICP, Open vessel (mg / kg (ppm))	0278	4.300	0.2200				3			0
038.42	Molybdenum, ICP, Open vessel (mg / kg (ppm))	0265	3.540	2.260				3			1
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0353	2.706	1.292	3.482	0.5665	0.3657	8	-1.37	11%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0345	2.975	0.0500	3.482	0.5665	0.3657	8	-0.89	7%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0169	3.085	0.0300	3.482	0.5665	0.3657	8	-0.70	6%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0083	3.600	0.2000	3.482	0.5665	0.3657	8	0.21	2%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0510	3.650	0.1000	3.482	0.5665	0.3657	8	0.30	2%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0032	3.835	0.2700	3.482	0.5665	0.3657	8	0.62	5%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0964	3.893	0.0640	3.482	0.5665	0.3657	8	0.73	6%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0297	4.110	0.9200	3.482	0.5665	0.3657	8	1.11	9%	0
038.52	Molybdenum, ICP-MS, Open vessel (mg / kg (ppm))	0910	2.600	0.3000				2			0
038.52	Molybdenum, ICP-MS, Open vessel (mg / kg (ppm))	0186	3.000	0.0000				2			0
038.53	Molybdenum, ICP-MS, Microwave (mg / kg (ppm))	2055	2.000	0.2400	3.294	0.8550	0.1655	5			0
038.53	Molybdenum, ICP-MS, Microwave (mg / kg (ppm))	0918	3.192	0.1103	3.294	0.8550	0.1655	5			0
038.53	Molybdenum, ICP-MS, Microwave (mg / kg (ppm))	0098	3.303	0.3070	3.294	0.8550	0.1655	5			0
038.53	Molybdenum, ICP-MS, Microwave (mg / kg (ppm))	0164	3.615	0.0700	3.294	0.8550	0.1655	5			0
038.53	Molybdenum, ICP-MS, Microwave (mg / kg (ppm))	0413	4.360	0.1000	3.294	0.8550	0.1655	5			0
040.42	Barium, ICP, Open vessel (mg / kg (ppm))	0560	11.98	0.0900				1			0
040.53	Barium, ICP-MS, Microwave (mg / kg (ppm))	0918	10.94	0.2469				1			0
042.00	Chloride, Titrimetric (%)	0948	0.5350	0.0000				1			0
042.01	Chloride, Ion-selective electrode (%)	2129	0.5465	0.0230				1			0
042.99	Chloride, Miscellaneous (%)	0297	0.5200	0.0200				1			0
102.01	Niacin, Microbiological (mg / kg (ppm))	0227	246.0	20.00				1			0
102.02	Niacin, LC (mg / kg (ppm))	0939	100.1	1.400				2			0
102.02	Niacin, LC (mg / kg (ppm))	2192	124.8	12.55				2			0
103.01	Pantothenic Acid, Microbiological (mg / kg (ppm))	0227	29.70	3.800				1			0
103.02	Pantothenic Acid, LC (mg / kg (ppm))	0939	28.60	1.000				1			0
104.00	Riboflavin, Fluorometric (mg / kg (ppm))	0227	19.50	2.400				2			0
104.00	Riboflavin, Fluorometric (mg / kg (ppm))	0171	20.35	3.300				2			0
104.03	Riboflavin, LC (mg / kg (ppm))	2192	12.36	2.480	16.50	3.395	1.171	5			0
104.03	Riboflavin, LC (mg / kg (ppm))	0910	14.87	0.1900	16.50	3.395	1.171	5			0
104.03	Riboflavin, LC (mg / kg (ppm))	2103	15.25	0.7000	16.50	3.395	1.171	5			0
104.03	Riboflavin, LC (mg / kg (ppm))	0939	19.96	0.7900	16.50	3.395	1.171	5			0

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104.03	Riboflavin, LC (mg / kg (ppm))	0027	20.08	1.696	16.50	3.395	1.171	5			0
105.00	Thiamine, LC (mg / kg (ppm))	0910	13.30	1.900				2			0
105.00	Thiamine, LC (mg / kg (ppm))	0939	15.71	0.5100				2			0
105.01	Thiamine, Fluorometer (mg / kg (ppm))	0227	18.30	1.600				1			0
106.00	Vitamin A, Color (KU / kg)	0171	26.45	1.300				2			0
106.00	Vitamin A, Color (KU / kg)	0019	27.25	0.1450				2			0
106.01	Vitamin A, UV (KU / kg)	0098	27.25	5.500				1			0
106.02	Vitamin A, LC (KU / kg)	0169	6.250	0.1000	22.72	6.670	1.050	12	-2.47	36%	0
106.02	Vitamin A, LC (KU / kg)	2103	16.05	0.0900	22.72	6.670	1.050	12	-1.00	15%	0
106.02	Vitamin A, LC (KU / kg)	0905	16.34	1.659	22.72	6.670	1.050	12	-0.96	14%	0
106.02	Vitamin A, LC (KU / kg)	0004	18.82	0.8200	22.72	6.670	1.050	12	-0.58	9%	0
106.02	Vitamin A, LC (KU / kg)	0227	19.00	0.8000	22.72	6.670	1.050	12	-0.56	8%	0
106.02	Vitamin A, LC (KU / kg)	0010	23.95	1.100	22.72	6.670	1.050	12	0.18	3%	0
106.02	Vitamin A, LC (KU / kg)	0689	26.15	0.7000	22.72	6.670	1.050	12	0.51	8%	0
106.02	Vitamin A, LC (KU / kg)	0910	26.50	0.2000	22.72	6.670	1.050	12	0.57	8%	0
106.02	Vitamin A, LC (KU / kg)	0563	26.70	1.457	22.72	6.670	1.050	12	0.60	9%	0
106.02	Vitamin A, LC (KU / kg)	0035	26.85	1.230	22.72	6.670	1.050	12	0.62	9%	0
106.02	Vitamin A, LC (KU / kg)	0208	28.11	4.189	22.72	6.670	1.050	12	0.81	12%	0
106.02	Vitamin A, LC (KU / kg)	0017	31.48	0.2600	22.72	6.670	1.050	12	1.31	19%	0
106.02	Vitamin A, LC (KU / kg)	0675	150.5	27.24	22.72	6.670	1.050	12	19.16	281%	1
107.00	Vitamin B12, Microbiological (µg / kg (ppb))	0227	165.0	14.00				1			0
108.01	Vitamin D3, LC, AOAC (KU / kg)	0169	5.550	0.1000				1			0
108.02	Vitamin D3, LC (KU / kg)	0910	4.430	0.5800				3			0
108.02	Vitamin D3, LC (KU / kg)	0208	4.820	1.120				3			0
108.02	Vitamin D3, LC (KU / kg)	0675	17.26	1.200				3			0
109.02	Vitamin E, LC (IU / kg)	0169	170.0	2.000	426.9	39.94	21.48	10	-6.43	30%	0
109.02	Vitamin E, LC (IU / kg)	0905	396.0	38.00	426.9	39.94	21.48	10	-0.77	4%	0
109.02	Vitamin E, LC (IU / kg)	2103	400.5	15.00	426.9	39.94	21.48	10	-0.66	3%	0
109.02	Vitamin E, LC (IU / kg)	0098	413.0	28.00	426.9	39.94	21.48	10	-0.35	2%	0
109.02	Vitamin E, LC (IU / kg)	0208	417.3	5.466	426.9	39.94	21.48	10	-0.24	1%	0
109.02	Vitamin E, LC (IU / kg)	2152	427.8	1.060	426.9	39.94	21.48	10	0.02	0%	0
109.02	Vitamin E, LC (IU / kg)	0590	444.5	25.00	426.9	39.94	21.48	10	0.44	2%	0
109.02	Vitamin E, LC (IU / kg)	0910	452.6	3.500	426.9	39.94	21.48	10	0.64	3%	0
109.02	Vitamin E, LC (IU / kg)	0227	473.0	18.00	426.9	39.94	21.48	10	1.15	5%	0
109.02	Vitamin E, LC (IU / kg)	0675	477.3	78.76	426.9	39.94	21.48	10	1.26	6%	0
109.99	Vitamin E, Miscellaneous (IU / kg)	0171	446.5	7.000				1			0
111.98	Vitamin C, Ascorbic Acid, Miscellaneous (mkg/kg (ppm))	0941	< 20					0			5
112.01	Pyridoxine, LC (µg / g)	0939	10.58	0.0200				2			0
112.01	Pyridoxine, LC (µg / g)	0227	11.05	0.5000				2			0
113.01	Folic Acid, Micro (mg / kg (ppm))	0227	2.015	0.0700				1			0
114.99	Biotin, Miscellaneous (mg / kg (ppm))	0010	< 10					0			5
115.99	Non Protein N (NPN), Miscellaneous (%)	2012	0.4300	0.0600				1			0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
120.00	Alanine, Post-col Ninhydrin Der (%)	0684	0.5055	0.0010	0.6686	0.0303	0.0100	20	-5.38	12%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0910	0.6150	0.0100	0.6686	0.0303	0.0100	20	-1.77	4%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0227	0.6450	0.0300	0.6686	0.0303	0.0100	20	-0.78	2%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0652	0.6500	0.0000	0.6686	0.0303	0.0100	20	-0.61	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0644	0.6520	0.0160	0.6686	0.0303	0.0100	20	-0.55	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0878	0.6520	0.0120	0.6686	0.0303	0.0100	20	-0.55	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0870	0.6538	0.0072	0.6686	0.0303	0.0100	20	-0.49	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0504	0.6550	0.0100	0.6686	0.0303	0.0100	20	-0.45	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0619	0.6595	0.0130	0.6686	0.0303	0.0100	20	-0.30	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0675	0.6600	0.0200	0.6686	0.0303	0.0100	20	-0.28	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0208	0.6700	0.0000	0.6686	0.0303	0.0100	20	0.05	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0354	0.6700	0.0040	0.6686	0.0303	0.0100	20	0.05	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0872	0.6765	0.0050	0.6686	0.0303	0.0100	20	0.26	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0941	0.6785	0.0050	0.6686	0.0303	0.0100	20	0.33	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0353	0.6800	0.0200	0.6686	0.0303	0.0100	20	0.38	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0918	0.6847	0.0075	0.6686	0.0303	0.0100	20	0.53	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0868	0.6980	0.0000	0.6686	0.0303	0.0100	20	0.97	2%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0226	0.7122	0.0133	0.6686	0.0303	0.0100	20	1.44	3%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0682	0.7340	0.0000	0.6686	0.0303	0.0100	20	2.16	5%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0171	0.7435	0.0250	0.6686	0.0303	0.0100	20	2.47	6%	0
120.02	Alanine, Post-col OPA Der (%)	0098	0.6895	0.0090				1			0
120.05	Alanine, Pre-col AQC Der (%)	0626	0.6555	0.0050	0.6641	0.0082	0.0043	4			0
120.05	Alanine, Pre-col AQC Der (%)	2196	0.6610	0.0000	0.6641	0.0082	0.0043	4			0
120.05	Alanine, Pre-col AQC Der (%)	2188	0.6650	0.0100	0.6641	0.0082	0.0043	4			0
120.05	Alanine, Pre-col AQC Der (%)	0407	0.6750	0.0020	0.6641	0.0082	0.0043	4			0
120.05	Alanine, Pre-col AQC Der (%)	0242	0.7435	0.0110	0.6641	0.0082	0.0043	4			2
121.00	Arginine, Post-col Ninhydrin Der (%)	0684	0.7140	0.0100	0.9227	0.0478	0.0171	20	-4.37	11%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0675	0.8600	0.0200	0.9227	0.0478	0.0171	20	-1.31	3%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0227	0.8650	0.0700	0.9227	0.0478	0.0171	20	-1.21	3%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0504	0.8750	0.0100	0.9227	0.0478	0.0171	20	-1.00	3%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0870	0.8813	0.0020	0.9227	0.0478	0.0171	20	-0.87	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0171	0.8870	0.0120	0.9227	0.0478	0.0171	20	-0.75	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0208	0.9050	0.0100	0.9227	0.0478	0.0171	20	-0.37	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0878	0.9215	0.0110	0.9227	0.0478	0.0171	20	-0.03	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0644	0.9260	0.0040	0.9227	0.0478	0.0171	20	0.07	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0652	0.9300	0.0400	0.9227	0.0478	0.0171	20	0.15	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0619	0.9335	0.0390	0.9227	0.0478	0.0171	20	0.23	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0354	0.9360	0.0060	0.9227	0.0478	0.0171	20	0.28	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0226	0.9396	0.0005	0.9227	0.0478	0.0171	20	0.35	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0910	0.9400	0.0200	0.9227	0.0478	0.0171	20	0.36	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0941	0.9445	0.0010	0.9227	0.0478	0.0171	20	0.46	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0872	0.9465	0.0010	0.9227	0.0478	0.0171	20	0.50	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
121.00	Arginine, Post-col Ninhydrin Der (%)	0868	0.9480	0.0120	0.9227	0.0478	0.0171	20	0.53	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0682	0.9760	0.0000	0.9227	0.0478	0.0171	20	1.12	3%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0918	1.002	0.0538	0.9227	0.0478	0.0171	20	1.65	4%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0353	1.020	0.0200	0.9227	0.0478	0.0171	20	2.04	5%	0
121.01	Arginine, Pre-col OPA Der (%)	0297	0.9845	0.0170				1			0
121.02	Arginine, Post-col OPA Der (%)	0098	0.8910	0.0060				1			0
121.05	Arginine, Pre-col AQC Der (%)	0626	0.8815	0.0030	0.9010	0.0208	0.0065	4			0
121.05	Arginine, Pre-col AQC Der (%)	0407	0.8845	0.0030	0.9010	0.0208	0.0065	4			0
121.05	Arginine, Pre-col AQC Der (%)	2196	0.9180	0.0000	0.9010	0.0208	0.0065	4			0
121.05	Arginine, Pre-col AQC Der (%)	2188	0.9200	0.0200	0.9010	0.0208	0.0065	4			0
121.05	Arginine, Pre-col AQC Der (%)	0242	0.8445	0.0650	0.9010	0.0208	0.0065	4			1
122.00	Aspartic, Post-col Ninhydrin Der (%)	0684	0.9195	0.0030	1.212	0.0398	0.0159	19	-7.36	12%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0675	1.150	0.0200	1.212	0.0398	0.0159	19	-1.57	3%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0227	1.165	0.0700	1.212	0.0398	0.0159	19	-1.19	2%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0504	1.180	0.0000	1.212	0.0398	0.0159	19	-0.81	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0644	1.193	0.0420	1.212	0.0398	0.0159	19	-0.49	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0868	1.203	0.0100	1.212	0.0398	0.0159	19	-0.24	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0652	1.205	0.0100	1.212	0.0398	0.0159	19	-0.19	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0910	1.205	0.0300	1.212	0.0398	0.0159	19	-0.19	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0354	1.207	0.0140	1.212	0.0398	0.0159	19	-0.14	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0870	1.208	0.0103	1.212	0.0398	0.0159	19	-0.11	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0208	1.210	0.0000	1.212	0.0398	0.0159	19	-0.06	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0878	1.220	0.0190	1.212	0.0398	0.0159	19	0.18	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0872	1.223	0.0120	1.212	0.0398	0.0159	19	0.27	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0941	1.230	0.0150	1.212	0.0398	0.0159	19	0.43	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0226	1.234	0.0016	1.212	0.0398	0.0159	19	0.55	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0619	1.250	0.0200	1.212	0.0398	0.0159	19	0.94	2%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0682	1.254	0.0000	1.212	0.0398	0.0159	19	1.05	2%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0918	1.284	0.0151	1.212	0.0398	0.0159	19	1.79	3%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0353	1.305	0.0100	1.212	0.0398	0.0159	19	2.33	4%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0171	1.292	0.1060	1.212	0.0398	0.0159	19	2.00	3%	1
122.01	Aspartic, Pre-col OPA Der (%)	0297	1.176	0.0220				1			0
122.02	Aspartic, Post-col OPA Der (%)	0098	1.240	0.0070				1			0
122.05	Aspartic, Pre-col AQC Der (%)	2188	1.140	0.0200	1.213	0.0606	0.0118	5			0
122.05	Aspartic, Pre-col AQC Der (%)	0626	1.166	0.0270	1.213	0.0606	0.0118	5			0
122.05	Aspartic, Pre-col AQC Der (%)	0407	1.224	0.0040	1.213	0.0606	0.0118	5			0
122.05	Aspartic, Pre-col AQC Der (%)	2196	1.248	0.0000	1.213	0.0606	0.0118	5			0
122.05	Aspartic, Pre-col AQC Der (%)	0242	1.289	0.0080	1.213	0.0606	0.0118	5			0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin Der (%)	0684	0.1930	0.0040	0.2734	0.0368	0.0086	22	-2.18	15%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin Der (%)	0353	0.2100	0.0200	0.2734	0.0368	0.0086	22	-1.72	12%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin Der (%)	0870	0.2192	0.0133	0.2734	0.0368	0.0086	22	-1.47	10%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin Der (%)	0227	0.2300	0.0200	0.2734	0.0368	0.0086	22	-1.18	8%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0652	0.2550	0.0100	0.2734	0.0368	0.0086	22	-0.50	3%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0941	0.2575	0.0110	0.2734	0.0368	0.0086	22	-0.43	3%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0910	0.2650	0.0100	0.2734	0.0368	0.0086	22	-0.23	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0644	0.2655	0.0070	0.2734	0.0368	0.0086	22	-0.21	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0872	0.2700	0.0000	0.2734	0.0368	0.0086	22	-0.09	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0939	0.2700	0.0000	0.2734	0.0368	0.0086	22	-0.09	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0878	0.2720	0.0060	0.2734	0.0368	0.0086	22	-0.04	0%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0226	0.2755	0.0128	0.2734	0.0368	0.0086	22	0.06	0%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0208	0.2770	0.0000	0.2734	0.0368	0.0086	22	0.10	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0354	0.2840	0.0060	0.2734	0.0368	0.0086	22	0.29	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0918	0.2850	0.0100	0.2734	0.0368	0.0086	22	0.32	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0868	0.2870	0.0020	0.2734	0.0368	0.0086	22	0.37	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0171	0.2890	0.0120	0.2734	0.0368	0.0086	22	0.42	3%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0504	0.2900	0.0000	0.2734	0.0368	0.0086	22	0.45	3%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0848	0.3100	0.0200	0.2734	0.0368	0.0086	22	0.99	7%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0619	0.3190	0.0040	0.2734	0.0368	0.0086	22	1.24	8%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0675	0.3400	0.0200	0.2734	0.0368	0.0086	22	1.81	12%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0682	0.3850	0.0000	0.2734	0.0368	0.0086	22	3.03	20%	0
124.01	Cysteine/Cystine, PAO Pre-col OPA Der (%)	0297	0.2850	0.0100				1			0
124.02	Cysteine/Cystine, PAO Post-col OPA Der (%)	0098	0.2930	0.0100				1			0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	2188	0.2600	0.0000				3			0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	2196	0.2780	0.0000				3			0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0407	0.4079	0.0077				3			0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0242	0.3625	0.0870				3			1
124.99	Cysteine/Cystine, Miscellaneous (%)	2144	0.2250	0.0100				1			0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0684	1.811	0.0060	2.420	0.1548	0.0239	19	-3.93	13%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0171	2.234	0.0360	2.420	0.1548	0.0239	19	-1.20	4%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0675	2.270	0.0200	2.420	0.1548	0.0239	19	-0.97	3%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0227	2.300	0.1200	2.420	0.1548	0.0239	19	-0.77	2%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0504	2.305	0.0100	2.420	0.1548	0.0239	19	-0.74	2%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0644	2.340	0.0450	2.420	0.1548	0.0239	19	-0.52	2%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0941	2.362	0.0320	2.420	0.1548	0.0239	19	-0.37	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0652	2.385	0.0300	2.420	0.1548	0.0239	19	-0.22	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0868	2.405	0.0060	2.420	0.1548	0.0239	19	-0.10	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0354	2.408	0.0180	2.420	0.1548	0.0239	19	-0.08	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0910	2.410	0.0400	2.420	0.1548	0.0239	19	-0.06	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0878	2.423	0.0010	2.420	0.1548	0.0239	19	0.02	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0872	2.430	0.0070	2.420	0.1548	0.0239	19	0.06	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0870	2.486	0.0331	2.420	0.1548	0.0239	19	0.43	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0619	2.550	0.0200	2.420	0.1548	0.0239	19	0.84	3%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0682	2.579	0.0000	2.420	0.1548	0.0239	19	1.03	3%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0208	2.615	0.0100	2.420	0.1548	0.0239	19	1.26	4%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
125.00	Glutamic, Post-col Ninhydrin Der (%)	0226	2.636	0.0107	2.420	0.1548	0.0239	19	1.40	4%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0353	2.675	0.0100	2.420	0.1548	0.0239	19	1.65	5%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0918	2.593	0.1518	2.420	0.1548	0.0239	19	1.12	4%	1
125.01	Glutamic, Pre-col OPA Der (%)	0297	2.553	0.0160				1			0
125.02	Glutamic, Post-col OPA Der (%)	0098	2.362	0.0120				1			0
125.05	Glutamic, Pre-col AQC Der (%)	2188	2.190	0.0200	2.353	0.1268	0.0068	4			0
125.05	Glutamic, Pre-col AQC Der (%)	2196	2.320	0.0000	2.353	0.1268	0.0068	4			0
125.05	Glutamic, Pre-col AQC Der (%)	0626	2.424	0.0040	2.353	0.1268	0.0068	4			0
125.05	Glutamic, Pre-col AQC Der (%)	0407	2.478	0.0030	2.353	0.1268	0.0068	4			0
125.05	Glutamic, Pre-col AQC Der (%)	0242	1.382	0.0980	2.353	0.1268	0.0068	4			2
126.00	Glycine, Post-col Ninhydrin Der (%)	0684	0.6040	0.0040	0.8264	0.0340	0.0140	20	-6.53	13%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0675	0.7800	0.0200	0.8264	0.0340	0.0140	20	-1.36	3%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0227	0.7950	0.0500	0.8264	0.0340	0.0140	20	-0.92	2%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0910	0.8000	0.0000	0.8264	0.0340	0.0140	20	-0.78	2%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0652	0.8050	0.0100	0.8264	0.0340	0.0140	20	-0.63	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0504	0.8100	0.0200	0.8264	0.0340	0.0140	20	-0.48	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0868	0.8155	0.0030	0.8264	0.0340	0.0140	20	-0.32	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0644	0.8155	0.0210	0.8264	0.0340	0.0140	20	-0.32	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0354	0.8200	0.0040	0.8264	0.0340	0.0140	20	-0.19	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0870	0.8216	0.0114	0.8264	0.0340	0.0140	20	-0.14	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0878	0.8235	0.0110	0.8264	0.0340	0.0140	20	-0.08	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0208	0.8250	0.0100	0.8264	0.0340	0.0140	20	-0.04	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0171	0.8255	0.0130	0.8264	0.0340	0.0140	20	-0.03	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0872	0.8360	0.0040	0.8264	0.0340	0.0140	20	0.28	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0619	0.8385	0.0170	0.8264	0.0340	0.0140	20	0.36	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0941	0.8485	0.0010	0.8264	0.0340	0.0140	20	0.65	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0682	0.8630	0.0000	0.8264	0.0340	0.0140	20	1.08	2%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0353	0.8750	0.0100	0.8264	0.0340	0.0140	20	1.43	3%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0226	0.8827	0.0215	0.8264	0.0340	0.0140	20	1.65	3%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0918	0.9090	0.0494	0.8264	0.0340	0.0140	20	2.43	5%	0
126.01	Glycine, Pre-col OPA Der (%)	0297	0.7635	0.0070				1			0
126.02	Glycine, Post-col OPA Der (%)	0098	0.8330	0.0020				1			0
126.05	Glycine, Pre-col AQC Der (%)	2196	0.7700	0.0000	0.8271	0.0471	0.0090	5			0
126.05	Glycine, Pre-col AQC Der (%)	2188	0.7850	0.0100	0.8271	0.0471	0.0090	5			0
126.05	Glycine, Pre-col AQC Der (%)	0626	0.8485	0.0050	0.8271	0.0471	0.0090	5			0
126.05	Glycine, Pre-col AQC Der (%)	0242	0.8530	0.0260	0.8271	0.0471	0.0090	5			0
126.05	Glycine, Pre-col AQC Der (%)	0407	0.8790	0.0040	0.8271	0.0471	0.0090	5			0
127.00	Histidine, Post-col Ninhydrin Der (%)	0684	0.2795	0.0010	0.3847	0.0354	0.0108	20	-2.97	14%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0226	0.3532	0.0023	0.3847	0.0354	0.0108	20	-0.89	4%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0227	0.3600	0.0200	0.3847	0.0354	0.0108	20	-0.70	3%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0870	0.3653	0.0188	0.3847	0.0354	0.0108	20	-0.55	3%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0354	0.3665	0.0050	0.3847	0.0354	0.0108	20	-0.51	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
127.00	Histidine, Post-col Ninhydrin Der (%)	0878	0.3665	0.0050	0.3847	0.0354	0.0108	20	-0.51	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0644	0.3680	0.0060	0.3847	0.0354	0.0108	20	-0.47	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0941	0.3695	0.0150	0.3847	0.0354	0.0108	20	-0.43	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0208	0.3700	0.0000	0.3847	0.0354	0.0108	20	-0.42	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0504	0.3700	0.0000	0.3847	0.0354	0.0108	20	-0.42	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0910	0.3700	0.0000	0.3847	0.0354	0.0108	20	-0.42	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0872	0.3725	0.0010	0.3847	0.0354	0.0108	20	-0.34	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0353	0.3850	0.0100	0.3847	0.0354	0.0108	20	0.01	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0652	0.3900	0.0400	0.3847	0.0354	0.0108	20	0.15	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0868	0.4015	0.0110	0.3847	0.0354	0.0108	20	0.47	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0918	0.4062	0.0215	0.3847	0.0354	0.0108	20	0.60	3%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0171	0.4350	0.0320	0.3847	0.0354	0.0108	20	1.42	7%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0619	0.4475	0.0070	0.3847	0.0354	0.0108	20	1.77	8%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0682	0.4550	0.0000	0.3847	0.0354	0.0108	20	1.98	9%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0675	0.4700	0.0200	0.3847	0.0354	0.0108	20	2.41	11%	0
127.01	Histidine, Pre-col OPA Der (%)	0297	0.3610	0.0620				1			0
127.02	Histidine, Post-col OPA Der (%)	0098	0.3700	0.0020				1			0
127.05	Histidine, Pre-col AQC Der (%)	2196	0.3110	0.0000	0.3620	0.0518	0.0184	5			0
127.05	Histidine, Pre-col AQC Der (%)	2188	0.3350	0.0500	0.3620	0.0518	0.0184	5			0
127.05	Histidine, Pre-col AQC Der (%)	0242	0.3535	0.0230	0.3620	0.0518	0.0184	5			0
127.05	Histidine, Pre-col AQC Der (%)	0626	0.3630	0.0060	0.3620	0.0518	0.0184	5			0
127.05	Histidine, Pre-col AQC Der (%)	0407	0.4475	0.0130	0.3620	0.0518	0.0184	5			0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0684	0.3475	0.0050	0.5004	0.0333	0.0139	20	-4.59	15%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0675	0.4100	0.0200	0.5004	0.0333	0.0139	20	-2.71	9%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0870	0.4401	0.0004	0.5004	0.0333	0.0139	20	-1.81	6%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0353	0.4550	0.0100	0.5004	0.0333	0.0139	20	-1.36	5%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0227	0.4850	0.0300	0.5004	0.0333	0.0139	20	-0.46	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0354	0.4935	0.0110	0.5004	0.0333	0.0139	20	-0.21	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0652	0.4950	0.0100	0.5004	0.0333	0.0139	20	-0.16	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0208	0.5000	0.0000	0.5004	0.0333	0.0139	20	-0.01	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0868	0.5030	0.0060	0.5004	0.0333	0.0139	20	0.08	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0872	0.5035	0.0130	0.5004	0.0333	0.0139	20	0.09	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0878	0.5040	0.0040	0.5004	0.0333	0.0139	20	0.11	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0619	0.5055	0.0550	0.5004	0.0333	0.0139	20	0.15	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0644	0.5090	0.0080	0.5004	0.0333	0.0139	20	0.26	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0918	0.5166	0.0104	0.5004	0.0333	0.0139	20	0.49	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0910	0.5200	0.0200	0.5004	0.0333	0.0139	20	0.59	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0941	0.5210	0.0080	0.5004	0.0333	0.0139	20	0.62	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0682	0.5280	0.0000	0.5004	0.0333	0.0139	20	0.83	3%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0171	0.5335	0.0450	0.5004	0.0333	0.0139	20	0.99	3%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0504	0.5400	0.0200	0.5004	0.0333	0.0139	20	1.19	4%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0226	0.5440	0.0021	0.5004	0.0333	0.0139	20	1.31	4%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
128.01	Isoleucine, Pre-col OPA Der (%)	0297	0.5515	0.0010				1			0
128.02	Isoleucine, Post-col OPA Der (%)	0098	0.5125	0.0030				1			0
128.05	Isoleucine, Pre-col AQC Der (%)	0242	0.4570	0.0060	0.5042	0.0409	0.0132	5			0
128.05	Isoleucine, Pre-col AQC Der (%)	2188	0.4650	0.0100	0.5042	0.0409	0.0132	5			0
128.05	Isoleucine, Pre-col AQC Der (%)	0626	0.5165	0.0150	0.5042	0.0409	0.0132	5			0
128.05	Isoleucine, Pre-col AQC Der (%)	2196	0.5380	0.0000	0.5042	0.0409	0.0132	5			0
128.05	Isoleucine, Pre-col AQC Der (%)	0407	0.5445	0.0350	0.5042	0.0409	0.0132	5			0
129.00	Leucine, Post-col Ninhydrin Der (%)	0684	0.7000	0.0040	0.9329	0.0437	0.0163	20	-5.33	12%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0675	0.8700	0.0200	0.9329	0.0437	0.0163	20	-1.44	3%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0870	0.8779	0.0004	0.9329	0.0437	0.0163	20	-1.26	3%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0227	0.8950	0.0500	0.9329	0.0437	0.0163	20	-0.87	2%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0208	0.9050	0.0100	0.9329	0.0437	0.0163	20	-0.64	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0652	0.9100	0.0000	0.9329	0.0437	0.0163	20	-0.52	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0910	0.9200	0.0400	0.9329	0.0437	0.0163	20	-0.29	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0644	0.9225	0.0130	0.9329	0.0437	0.0163	20	-0.24	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0354	0.9255	0.0090	0.9329	0.0437	0.0163	20	-0.17	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0872	0.9350	0.0220	0.9329	0.0437	0.0163	20	0.05	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0878	0.9350	0.0080	0.9329	0.0437	0.0163	20	0.05	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0504	0.9400	0.0200	0.9329	0.0437	0.0163	20	0.16	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0171	0.9455	0.0290	0.9329	0.0437	0.0163	20	0.29	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0941	0.9520	0.0120	0.9329	0.0437	0.0163	20	0.44	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0868	0.9555	0.0010	0.9329	0.0437	0.0163	20	0.52	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0619	0.9575	0.0330	0.9329	0.0437	0.0163	20	0.56	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0682	0.9620	0.0000	0.9329	0.0437	0.0163	20	0.67	2%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0353	0.9850	0.0100	0.9329	0.0437	0.0163	20	1.19	3%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0226	1.005	0.0214	0.9329	0.0437	0.0163	20	1.66	4%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0918	1.014	0.0225	0.9329	0.0437	0.0163	20	1.85	4%	0
129.01	Leucine, Pre-col OPA Der (%)	0297	0.9450	0.0060				1			0
129.02	Leucine, Post-col OPA Der (%)	0098	0.9360	0.0080				1			0
129.05	Leucine, Pre-col AQC Der (%)	2188	0.8050	0.0100	0.9166	0.0745	0.0064	5			0
129.05	Leucine, Pre-col AQC Der (%)	2196	0.8740	0.0000	0.9166	0.0745	0.0064	5			0
129.05	Leucine, Pre-col AQC Der (%)	0407	0.9655	0.0170	0.9166	0.0745	0.0064	5			0
129.05	Leucine, Pre-col AQC Der (%)	0242	0.9690	0.0000	0.9166	0.0745	0.0064	5			0
129.05	Leucine, Pre-col AQC Der (%)	0626	0.9695	0.0050	0.9166	0.0745	0.0064	5			0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0684	0.6515	0.0010	0.8715	0.0429	0.0080	21	-5.13	13%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0848	0.7750	0.0100	0.8715	0.0429	0.0080	21	-2.25	6%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0939	0.8300	0.0000	0.8715	0.0429	0.0080	21	-0.97	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0208	0.8350	0.0100	0.8715	0.0429	0.0080	21	-0.85	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0675	0.8400	0.0200	0.8715	0.0429	0.0080	21	-0.73	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0910	0.8500	0.0000	0.8715	0.0429	0.0080	21	-0.50	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0878	0.8535	0.0130	0.8715	0.0429	0.0080	21	-0.42	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0227	0.8550	0.0300	0.8715	0.0429	0.0080	21	-0.38	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0652	0.8550	0.0100	0.8715	0.0429	0.0080	21	-0.38	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0644	0.8570	0.0060	0.8715	0.0429	0.0080	21	-0.34	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0872	0.8635	0.0010	0.8715	0.0429	0.0080	21	-0.19	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0941	0.8700	0.0020	0.8715	0.0429	0.0080	21	-0.03	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0870	0.8801	0.0043	0.8715	0.0429	0.0080	21	0.20	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0226	0.8911	0.0011	0.8715	0.0429	0.0080	21	0.46	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0354	0.8985	0.0090	0.8715	0.0429	0.0080	21	0.63	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0619	0.9010	0.0240	0.8715	0.0429	0.0080	21	0.69	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0682	0.9100	0.0000	0.8715	0.0429	0.0080	21	0.90	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0918	0.9205	0.0011	0.8715	0.0429	0.0080	21	1.14	3%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0353	0.9250	0.0100	0.8715	0.0429	0.0080	21	1.25	3%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0504	0.9250	0.0100	0.8715	0.0429	0.0080	21	1.25	3%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0868	0.9265	0.0050	0.8715	0.0429	0.0080	21	1.28	3%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0171	0.7550	0.0580	0.8715	0.0429	0.0080	21	-2.71	7%	1
130.01	L-Lysine, Pre-col OPA Der (%)	0297	0.8825	0.0310				1			0
130.02	L-Lysine, Post-col OPA Der (%)	0098	0.8745	0.0050				1			0
130.05	L-Lysine, Pre-col AQC Der (%)	2188	0.8000	0.0200	0.8485	0.0411	0.0060	4			0
130.05	L-Lysine, Pre-col AQC Der (%)	2196	0.8300	0.0000	0.8485	0.0411	0.0060	4			0
130.05	L-Lysine, Pre-col AQC Der (%)	0407	0.8740	0.0020	0.8485	0.0411	0.0060	4			0
130.05	L-Lysine, Pre-col AQC Der (%)	0626	0.8900	0.0020	0.8485	0.0411	0.0060	4			0
130.05	L-Lysine, Pre-col AQC Der (%)	0242	0.8090	0.0700	0.8485	0.0411	0.0060	4			1
130.99	L-Lysine, Miscellaneous (%)	2053	0.7795	0.0230				2			0
130.99	L-Lysine, Miscellaneous (%)	2144	0.8900	0.0200				2			0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0684	0.2020	0.0040	0.2735	0.0215	0.0069	21	-3.33	13%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0675	0.2300	0.0200	0.2735	0.0215	0.0069	21	-2.03	8%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0870	0.2401	0.0026	0.2735	0.0215	0.0069	21	-1.55	6%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0226	0.2551	0.0053	0.2735	0.0215	0.0069	21	-0.86	3%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0941	0.2625	0.0130	0.2735	0.0215	0.0069	21	-0.51	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0227	0.2650	0.0100	0.2735	0.0215	0.0069	21	-0.39	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0848	0.2650	0.0100	0.2735	0.0215	0.0069	21	-0.39	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0910	0.2650	0.0100	0.2735	0.0215	0.0069	21	-0.39	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0619	0.2695	0.0030	0.2735	0.0215	0.0069	21	-0.19	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0504	0.2700	0.0000	0.2735	0.0215	0.0069	21	-0.16	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0652	0.2750	0.0100	0.2735	0.0215	0.0069	21	0.07	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0872	0.2780	0.0080	0.2735	0.0215	0.0069	21	0.21	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0208	0.2820	0.0000	0.2735	0.0215	0.0069	21	0.40	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0354	0.2820	0.0020	0.2735	0.0215	0.0069	21	0.40	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0878	0.2820	0.0020	0.2735	0.0215	0.0069	21	0.40	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0939	0.2850	0.0100	0.2735	0.0215	0.0069	21	0.54	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0644	0.2865	0.0010	0.2735	0.0215	0.0069	21	0.61	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0918	0.2900	0.0200	0.2735	0.0215	0.0069	21	0.77	3%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0868	0.2960	0.0040	0.2735	0.0215	0.0069	21	1.05	4%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0353	0.3050	0.0100	0.2735	0.0215	0.0069	21	1.47	6%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0682	0.3180	0.0000	0.2735	0.0215	0.0069	21	2.07	8%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0171	0.2505	0.0390	0.2735	0.0215	0.0069	21	-1.07	4%	1
131.01	Methionine, PAO Pre-col OPA Der (%)	0297	0.2785	0.0010				1			0
131.02	Methionine, PAO Post-col OPA Der (%)	0098	0.2725	0.0010				1			0
131.05	Methionine, PAO Pre-col AQC Der (%)	0626	0.1715	0.0070	0.2220	0.0298	0.0044	5			0
131.05	Methionine, PAO Pre-col AQC Der (%)	0407	0.2179	0.0038	0.2220	0.0298	0.0044	5			0
131.05	Methionine, PAO Pre-col AQC Der (%)	2196	0.2390	0.0000	0.2220	0.0298	0.0044	5			0
131.05	Methionine, PAO Pre-col AQC Der (%)	2188	0.2400	0.0000	0.2220	0.0298	0.0044	5			0
131.05	Methionine, PAO Pre-col AQC Der (%)	0242	0.2415	0.0110	0.2220	0.0298	0.0044	5			0
131.99	Methionine, Miscellaneous (%)	2144	0.1100	0.0000				2			0
131.99	Methionine, Miscellaneous (%)	2053	0.3280	0.0220				2			0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0684	0.4340	0.0020	0.5880	0.0380	0.0133	19	-4.05	13%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0675	0.5400	0.0200	0.5880	0.0380	0.0133	19	-1.26	4%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0941	0.5520	0.0260	0.5880	0.0380	0.0133	19	-0.95	3%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0227	0.5550	0.0300	0.5880	0.0380	0.0133	19	-0.87	3%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0682	0.5590	0.0000	0.5880	0.0380	0.0133	19	-0.76	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0870	0.5672	0.0082	0.5880	0.0380	0.0133	19	-0.55	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0872	0.5800	0.0200	0.5880	0.0380	0.0133	19	-0.21	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0878	0.5830	0.0140	0.5880	0.0380	0.0133	19	-0.13	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0644	0.5860	0.0220	0.5880	0.0380	0.0133	19	-0.05	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0208	0.5900	0.0000	0.5880	0.0380	0.0133	19	0.05	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0910	0.5900	0.0000	0.5880	0.0380	0.0133	19	0.05	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0868	0.5915	0.0050	0.5880	0.0380	0.0133	19	0.09	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0652	0.5950	0.0300	0.5880	0.0380	0.0133	19	0.18	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0171	0.5980	0.0060	0.5880	0.0380	0.0133	19	0.26	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0226	0.6042	0.0223	0.5880	0.0380	0.0133	19	0.43	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0504	0.6150	0.0100	0.5880	0.0380	0.0133	19	0.71	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0354	0.6470	0.0120	0.5880	0.0380	0.0133	19	1.55	5%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0353	0.6850	0.0100	0.5880	0.0380	0.0133	19	2.55	8%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0619	0.6960	0.0160	0.5880	0.0380	0.0133	19	2.84	9%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0918	0.6367	0.0772	0.5880	0.0380	0.0133	19	1.28	4%	1
132.01	Phenylalanine, Pre-col OPA Der (%)	0297	0.5900	0.0020				1			0
132.02	Phenylalanine, Post-col OPA Der (%)	0098	0.5860	0.0060				1			0
132.05	Phenylalanine, Pre-col AQC Der (%)	0407	0.5890	0.0000	0.6014	0.0122	0.0033	4			0
132.05	Phenylalanine, Pre-col AQC Der (%)	2196	0.5930	0.0000	0.6014	0.0122	0.0033	4			0
132.05	Phenylalanine, Pre-col AQC Der (%)	0626	0.6095	0.0070	0.6014	0.0122	0.0033	4			0
132.05	Phenylalanine, Pre-col AQC Der (%)	0242	0.6140	0.0060	0.6014	0.0122	0.0033	4			0
132.05	Phenylalanine, Pre-col AQC Der (%)	2188	0.5100	0.0200	0.6014	0.0122	0.0033	4			2
133.00	Proline, Post-col Ninhydrin Der (%)	0684	0.6235	0.0130	0.8180	0.0606	0.0218	20	-3.21	12%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0675	0.7300	0.0200	0.8180	0.0606	0.0218	20	-1.45	5%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0910	0.7400	0.0200	0.8180	0.0606	0.0218	20	-1.29	5%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
133.00	Proline, Post-col Ninhydrin Der (%)	0870	0.7685	0.0038	0.8180	0.0606	0.0218	20	-0.82	3%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0227	0.7850	0.0500	0.8180	0.0606	0.0218	20	-0.54	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0354	0.7870	0.0020	0.8180	0.0606	0.0218	20	-0.51	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0644	0.8005	0.0110	0.8180	0.0606	0.0218	20	-0.29	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0504	0.8100	0.0000	0.8180	0.0606	0.0218	20	-0.13	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0682	0.8150	0.0000	0.8180	0.0606	0.0218	20	-0.05	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0872	0.8205	0.0050	0.8180	0.0606	0.0218	20	0.04	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0941	0.8230	0.0280	0.8180	0.0606	0.0218	20	0.08	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0918	0.8236	0.0132	0.8180	0.0606	0.0218	20	0.09	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0208	0.8250	0.0100	0.8180	0.0606	0.0218	20	0.12	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0652	0.8250	0.0100	0.8180	0.0606	0.0218	20	0.12	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0878	0.8350	0.0120	0.8180	0.0606	0.0218	20	0.28	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0619	0.8590	0.0840	0.8180	0.0606	0.0218	20	0.68	3%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0868	0.8815	0.0330	0.8180	0.0606	0.0218	20	1.05	4%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0171	0.8860	0.0240	0.8180	0.0606	0.0218	20	1.12	4%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0353	1.005	0.0100	0.8180	0.0606	0.0218	20	3.09	11%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0226	1.012	0.0864	0.8180	0.0606	0.0218	20	3.20	12%	0
133.05	Proline, Pre-col AQC Der (%)	2196	0.7990	0.0000	0.8739	0.0539	0.0188	4			0
133.05	Proline, Pre-col AQC Der (%)	0407	0.8715	0.0110	0.8739	0.0539	0.0188	4			0
133.05	Proline, Pre-col AQC Der (%)	2188	0.9050	0.0500	0.8739	0.0539	0.0188	4			0
133.05	Proline, Pre-col AQC Der (%)	0626	0.9200	0.0140	0.8739	0.0539	0.0188	4			0
134.00	Serine, Post-col Ninhydrin Der (%)	0684	0.5365	0.0010	0.6835	0.0351	0.0130	20	-4.19	11%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0504	0.5550	0.0100	0.6835	0.0351	0.0130	20	-3.66	9%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0644	0.6530	0.0120	0.6835	0.0351	0.0130	20	-0.87	2%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0910	0.6600	0.0200	0.6835	0.0351	0.0130	20	-0.67	2%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0208	0.6650	0.0100	0.6835	0.0351	0.0130	20	-0.53	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0652	0.6650	0.0100	0.6835	0.0351	0.0130	20	-0.53	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0227	0.6700	0.0400	0.6835	0.0351	0.0130	20	-0.39	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0918	0.6719	0.0458	0.6835	0.0351	0.0130	20	-0.33	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0878	0.6770	0.0100	0.6835	0.0351	0.0130	20	-0.19	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0941	0.6775	0.0050	0.6835	0.0351	0.0130	20	-0.17	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0675	0.6800	0.0200	0.6835	0.0351	0.0130	20	-0.10	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0872	0.6830	0.0100	0.6835	0.0351	0.0130	20	-0.01	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0868	0.6835	0.0090	0.6835	0.0351	0.0130	20	0.00	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0226	0.6853	0.0035	0.6835	0.0351	0.0130	20	0.05	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0171	0.7040	0.0360	0.6835	0.0351	0.0130	20	0.58	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0354	0.7135	0.0010	0.6835	0.0351	0.0130	20	0.85	2%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0619	0.7245	0.0070	0.6835	0.0351	0.0130	20	1.17	3%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0870	0.7253	0.0003	0.6835	0.0351	0.0130	20	1.19	3%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0682	0.7340	0.0000	0.6835	0.0351	0.0130	20	1.44	4%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0353	0.7750	0.0100	0.6835	0.0351	0.0130	20	2.61	7%	0
134.01	Serine, Pre-col OPA Der (%)	0297	0.6565	0.0270				1			0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
134.02	Serine, Post-col OPA Der (%)	0098	0.5345	0.0550				1			0
134.05	Serine, Pre-col AQC Der (%)	2188	0.6650	0.0100	0.7052	0.0459	0.0104	5			0
134.05	Serine, Pre-col AQC Der (%)	0407	0.6735	0.0170	0.7052	0.0459	0.0104	5			0
134.05	Serine, Pre-col AQC Der (%)	0626	0.6900	0.0240	0.7052	0.0459	0.0104	5			0
134.05	Serine, Pre-col AQC Der (%)	2196	0.7190	0.0000	0.7052	0.0459	0.0104	5			0
134.05	Serine, Pre-col AQC Der (%)	0242	0.7785	0.0010	0.7052	0.0459	0.0104	5			0
135.00	Threonine, Post-col Ninhydrin Der (%)	0684	0.4605	0.0130	0.5790	0.0254	0.0137	21	-4.67	10%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0652	0.5500	0.0000	0.5790	0.0254	0.0137	21	-1.14	3%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0910	0.5500	0.0200	0.5790	0.0254	0.0137	21	-1.14	3%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0504	0.5550	0.0100	0.5790	0.0254	0.0137	21	-0.94	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0675	0.5600	0.0200	0.5790	0.0254	0.0137	21	-0.75	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0226	0.5610	0.0033	0.5790	0.0254	0.0137	21	-0.71	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0644	0.5695	0.0210	0.5790	0.0254	0.0137	21	-0.37	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0227	0.5700	0.0400	0.5790	0.0254	0.0137	21	-0.35	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0868	0.5720	0.0080	0.5790	0.0254	0.0137	21	-0.27	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0878	0.5725	0.0090	0.5790	0.0254	0.0137	21	-0.26	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0208	0.5750	0.0100	0.5790	0.0254	0.0137	21	-0.16	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0941	0.5790	0.0140	0.5790	0.0254	0.0137	21	0.00	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0872	0.5825	0.0090	0.5790	0.0254	0.0137	21	0.14	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0870	0.5843	0.0016	0.5790	0.0254	0.0137	21	0.21	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0939	0.5950	0.0100	0.5790	0.0254	0.0137	21	0.63	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0619	0.5975	0.0170	0.5790	0.0254	0.0137	21	0.73	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0354	0.6005	0.0030	0.5790	0.0254	0.0137	21	0.85	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0918	0.6028	0.0415	0.5790	0.0254	0.0137	21	0.94	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0682	0.6070	0.0000	0.5790	0.0254	0.0137	21	1.10	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0353	0.6450	0.0100	0.5790	0.0254	0.0137	21	2.60	6%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0171	0.6495	0.0270	0.5790	0.0254	0.0137	21	2.78	6%	0
135.01	Threonine, Pre-col OPA Der (%)	0297	0.6225	0.0090				1			0
135.02	Threonine, Post-col OPA Der (%)	0098	0.5675	0.0510				1			0
135.05	Threonine, Pre-col AQC Der (%)	0407	0.5315	0.0230	0.6042	0.0592	0.0243	6	-1.23	6%	0
135.05	Threonine, Pre-col AQC Der (%)	2188	0.5800	0.0200	0.6042	0.0592	0.0243	6	-0.41	2%	0
135.05	Threonine, Pre-col AQC Der (%)	2196	0.5940	0.0000	0.6042	0.0592	0.0243	6	-0.17	1%	0
135.05	Threonine, Pre-col AQC Der (%)	0027	0.6065	0.0710	0.6042	0.0592	0.0243	6	0.04	0%	0
135.05	Threonine, Pre-col AQC Der (%)	0242	0.6235	0.0010	0.6042	0.0592	0.0243	6	0.33	2%	0
135.05	Threonine, Pre-col AQC Der (%)	0626	0.6895	0.0310	0.6042	0.0592	0.0243	6	1.44	7%	0
135.99	Threonine, Miscellaneous (%)	2144	0.5450	0.0500				1			0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0870	0.1688	0.0036	0.2044	0.0391	0.0074	9	-0.91	9%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0684	0.1710	0.0060	0.2044	0.0391	0.0074	9	-0.85	8%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0171	0.1720	0.0020	0.2044	0.0391	0.0074	9	-0.83	8%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0910	0.1850	0.0300	0.2044	0.0391	0.0074	9	-0.50	5%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0941	0.1890	0.0000	0.2044	0.0391	0.0074	9	-0.39	4%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0918	0.2250	0.0100	0.2044	0.0391	0.0074	9	0.53	5%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0619	0.2255	0.0150	0.2044	0.0391	0.0074	9	0.54	5%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0682	0.2430	0.0000	0.2044	0.0391	0.0074	9	0.99	9%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0227	0.2600	0.0000	0.2044	0.0391	0.0074	9	1.42	14%	0
136.01	Tryptophan, Alka-Hydrol Rev Phase LC UV (%)	0208	0.1910	0.0100	0.2105	0.0175	0.0110	4			0
136.01	Tryptophan, Alka-Hydrol Rev Phase LC UV (%)	0868	0.2035	0.0130	0.2105	0.0175	0.0110	4			0
136.01	Tryptophan, Alka-Hydrol Rev Phase LC UV (%)	0878	0.2155	0.0050	0.2105	0.0175	0.0110	4			0
136.01	Tryptophan, Alka-Hydrol Rev Phase LC UV (%)	0644	0.2320	0.0160	0.2105	0.0175	0.0110	4			0
136.02	Tryptophan, Alka-Hydrol Post-col OPA De (%)	0098	0.2115	0.0070				1			0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0872	0.2180	0.0020				2			0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0353	0.2650	0.0100				2			0
136.05	Tryptophan, Pre-col AQC Der (%)	0407	0.1355	0.0130				2			0
136.05	Tryptophan, Pre-col AQC Der (%)	0242	0.1740	0.0020				2			0
136.99	Tryptophan, Miscellaneous (%)	0504	0.1550	0.0300				1			0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0910	0.3650	0.0100	0.4215	0.0426	0.0117	16	-1.33	7%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0684	0.3690	0.0040	0.4215	0.0426	0.0117	16	-1.23	6%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0870	0.3787	0.0235	0.4215	0.0426	0.0117	16	-1.01	5%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0941	0.3935	0.0170	0.4215	0.0426	0.0117	16	-0.66	3%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0208	0.4000	0.0000	0.4215	0.0426	0.0117	16	-0.51	3%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0675	0.4000	0.0200	0.4215	0.0426	0.0117	16	-0.51	3%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0227	0.4050	0.0300	0.4215	0.0426	0.0117	16	-0.39	2%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0504	0.4050	0.0100	0.4215	0.0426	0.0117	16	-0.39	2%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0171	0.4165	0.0070	0.4215	0.0426	0.0117	16	-0.12	1%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0918	0.4381	0.0111	0.4215	0.0426	0.0117	16	0.39	2%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0682	0.4510	0.0000	0.4215	0.0426	0.0117	16	0.69	3%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0872	0.4540	0.0120	0.4215	0.0426	0.0117	16	0.76	4%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0354	0.4575	0.0070	0.4215	0.0426	0.0117	16	0.85	4%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0226	0.4580	0.0101	0.4215	0.0426	0.0117	16	0.86	4%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0644	0.4680	0.0160	0.4215	0.0426	0.0117	16	1.09	6%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0353	0.5550	0.0100	0.4215	0.0426	0.0117	16	3.14	16%	0
137.01	Tyrosine, Pre-col OPA Der (%)	0297	0.5010	0.0060				1			0
137.02	Tyrosine, Post-col OPA Der (%)	0098	0.4310	0.0000				1			0
137.05	Tyrosine, Pre-col AQC Der (%)	0626	0.3405	0.0030	0.4723	0.0964	0.0050	4			0
137.05	Tyrosine, Pre-col AQC Der (%)	2196	0.4680	0.0000	0.4723	0.0964	0.0050	4			0
137.05	Tyrosine, Pre-col AQC Der (%)	2188	0.5150	0.0100	0.4723	0.0964	0.0050	4			0
137.05	Tyrosine, Pre-col AQC Der (%)	0242	0.5655	0.0070	0.4723	0.0964	0.0050	4			0
137.05	Tyrosine, Pre-col AQC Der (%)	0407	0.4380	0.0320	0.4723	0.0964	0.0050	4			1
138.00	Valine, Post-col Ninhydrin Der (%)	0684	0.4775	0.0130	0.6511	0.0602	0.0169	20	-2.88	13%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0226	0.5440	0.0021	0.6511	0.0602	0.0169	20	-1.78	8%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0675	0.5600	0.0200	0.6511	0.0602	0.0169	20	-1.51	7%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0353	0.5900	0.0200	0.6511	0.0602	0.0169	20	-1.01	5%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0870	0.5933	0.0030	0.6511	0.0602	0.0169	20	-0.96	4%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0227	0.6500	0.0400	0.6511	0.0602	0.0169	20	-0.02	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
138.00	Valine, Post-col Ninhydrin Der (%)	0652	0.6500	0.0200	0.6511	0.0602	0.0169	20	-0.02	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0910	0.6500	0.0200	0.6511	0.0602	0.0169	20	-0.02	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0872	0.6525	0.0150	0.6511	0.0602	0.0169	20	0.02	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0878	0.6535	0.0030	0.6511	0.0602	0.0169	20	0.04	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0644	0.6625	0.0110	0.6511	0.0602	0.0169	20	0.19	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0868	0.6630	0.0040	0.6511	0.0602	0.0169	20	0.20	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0354	0.6660	0.0080	0.6511	0.0602	0.0169	20	0.25	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0619	0.6775	0.0610	0.6511	0.0602	0.0169	20	0.44	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0171	0.6855	0.0430	0.6511	0.0602	0.0169	20	0.57	3%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0941	0.6855	0.0010	0.6511	0.0602	0.0169	20	0.57	3%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0504	0.6900	0.0200	0.6511	0.0602	0.0169	20	0.65	3%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0208	0.6950	0.0100	0.6511	0.0602	0.0169	20	0.73	3%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0918	0.7340	0.0232	0.6511	0.0602	0.0169	20	1.38	6%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0682	0.7430	0.0000	0.6511	0.0602	0.0169	20	1.53	7%	0
138.01	Valine, Pre-col OPA Der (%)	0297	0.6780	0.0000				1			0
138.02	Valine, Post-col OPA Der (%)	0098	0.6820	0.0100				1			0
138.05	Valine, Pre-col AQC Der (%)	2188	0.5700	0.0200	0.6395	0.0693	0.0146	5			0
138.05	Valine, Pre-col AQC Der (%)	0242	0.5840	0.0060	0.6395	0.0693	0.0146	5			0
138.05	Valine, Pre-col AQC Der (%)	2196	0.6280	0.0000	0.6395	0.0693	0.0146	5			0
138.05	Valine, Pre-col AQC Der (%)	0626	0.6775	0.0090	0.6395	0.0693	0.0146	5			0
138.05	Valine, Pre-col AQC Der (%)	0407	0.7380	0.0380	0.6395	0.0693	0.0146	5			0
139.00	Taurine, Post-col Ninhydrin Der (%)	0682	0.0760	0.0000				3			0
139.00	Taurine, Post-col Ninhydrin Der (%)	0941	0.1110	0.0280				3			0
139.00	Taurine, Post-col Ninhydrin Der (%)	0504	0.1950	0.0100				3			0
139.02	Taurine, Post-col OPA Der (%)	0098	< 0.01					0			5
139.05	Taurine, Pre-col AQC Der (%)	0407	0.0995	0.0310				1			0
150.00	Phytase, Colorimetric (Units / kg)	0619	185.5	21.00	298.3	85.00	40.61	4			0
150.00	Phytase, Colorimetric (Units / kg)	0027	307.5	63.93	298.3	85.00	40.61	4			0
150.00	Phytase, Colorimetric (Units / kg)	0171	308.0	44.00	298.3	85.00	40.61	4			0
150.00	Phytase, Colorimetric (Units / kg)	0218	392.0	33.50	298.3	85.00	40.61	4			0
150.99	Phytase, Miscellaneous (Units / kg)	2022	357.5	3.000				1			0
160.99	Fructose, Miscellaneous (%)	0297	0.0445	0.0010				2			0
160.99	Fructose, Miscellaneous (%)	0227	0.3350	0.0100				2			0
160.99	Fructose, Miscellaneous (%)	0619	0.0000	0.0000				2			4
161.99	Galactose, Miscellaneous (%)	0297	0.0000	0.0000				0			4
162.99	Glucose, Miscellaneous (%)	0297	0.0440	0.0100				3			0
162.99	Glucose, Miscellaneous (%)	0619	0.1955	0.0050				3			0
162.99	Glucose, Miscellaneous (%)	0227	0.2050	0.0100				3			0
163.99	Lactose, Miscellaneous (%)	0297	0.0000	0.0000				0			4
163.99	Lactose, Miscellaneous (%)	0619	0.0000	0.0000				0			4
163.99	Lactose, Miscellaneous (%)	0227	< 0.15					0			5
164.99	Maltose, Miscellaneous (%)	0297	0.1035	0.0330				1			0

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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
164.99	Maltose, Miscellaneous (%)	0227	< 0.15					1		5	
165.99	Sucrose, Miscellaneous (%)	0297	1.510	0.0040				3		0	
165.99	Sucrose, Miscellaneous (%)	0227	1.750	0.0200				3		0	
165.99	Sucrose, Miscellaneous (%)	0619	2.485	0.2500				3		0	
166.99	Raffinose, Miscellaneous (%)	0297	0.6480	0.0780				3		0	
166.99	Raffinose, Miscellaneous (%)	0227	0.7000	0.0600				3		0	
166.99	Raffinose, Miscellaneous (%)	0619	0.8845	0.0530				3		0	
167.99	Stachyose, Miscellaneous (%)	0297	0.3605	0.0210				3		0	
167.99	Stachyose, Miscellaneous (%)	0227	0.4250	0.0500				3		0	
167.99	Stachyose, Miscellaneous (%)	0619	0.8560	0.0360				3		0	
351.00	Chlortetracycline, Plate (mg/kg (ppm))	0218	13.30	1.514				1		0	
351.03	Chlortetracycline, LC (UV or FL) (mg/kg (ppm))	0036	13.70	3.104				1		0	
351.05	Chlortetracycline, LC-MS/MS (mg/kg (ppm))	2248	2.085	0.5100				3		0	
351.05	Chlortetracycline, LC-MS/MS (mg/kg (ppm))	0939	8.884	0.0240				3		0	
351.05	Chlortetracycline, LC-MS/MS (mg/kg (ppm))	2144	11.08	0.0800				3		0	
361.03	Lasalocid Sodium, LC (UV or FL) (mg/kg (ppm))	0964	1.680	0.0003				1		0	
361.04	Lasalocid Sodium, LC-MS (mg/kg (ppm))	2053	1.735	0.0100				1		0	
361.05	Lasalocid Sodium, LC-MS/MS (mg/kg (ppm))	0218	1.629	0.0830				3		0	
361.05	Lasalocid Sodium, LC-MS/MS (mg/kg (ppm))	0941	1.830	0.0000				3		0	
361.05	Lasalocid Sodium, LC-MS/MS (mg/kg (ppm))	2144	7.990	0.2200				3		0	
365.02	Monensin, LC (mg/kg (ppm))	0905	< 2					0		5	
365.03	Monensin, LC-PCD (mg/kg (ppm))	0036	1.462	0.1190				1		0	
365.04	Monensin, LC-MS (mg/kg (ppm))	2053	1.595	0.0300				2		0	
365.04	Monensin, LC-MS (mg/kg (ppm))	0964	1.889	0.4357				2		0	
365.05	Monensin, LC-MS/MS (mg/kg (ppm))	0941	1.410	0.0000				3		0	
365.05	Monensin, LC-MS/MS (mg/kg (ppm))	0218	1.430	0.1010				3		0	
365.05	Monensin, LC-MS/MS (mg/kg (ppm))	2144	6.815	0.3300				3		0	
373.03	Oxytetracycline, LC (mg/kg (ppm))	0036	11.01	0.4430				2		0	
373.03	Oxytetracycline, LC (mg/kg (ppm))	0218	12.24	0.2730				2		0	
373.06	Oxytetracycline, LC-MS/MS (mg/kg (ppm))	2248	2.040	0.2000				3		0	
373.06	Oxytetracycline, LC-MS/MS (mg/kg (ppm))	0939	8.396	0.1710				3		0	
373.06	Oxytetracycline, LC-MS/MS (mg/kg (ppm))	2144	14.62	0.2900				3		0	
388.05	Tylosin, LC-MS/MS (mg/kg (ppm))	0218	0.7830	0.0980				2		0	
388.05	Tylosin, LC-MS/MS (mg/kg (ppm))	2248	1.027	0.5260				2		0	
400.01	Water Activity, Aqualab chilled mirror (Units)	0942	0.4195	0.0030	0.4461	0.0358	0.0031	7	-0.74	3%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	0843	0.4219	0.0004	0.4461	0.0358	0.0031	7	-0.68	3%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	0407	0.4259	0.0050	0.4461	0.0358	0.0031	7	-0.56	2%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	0589	0.4260	0.0080	0.4461	0.0358	0.0031	7	-0.56	2%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	2181	0.4524	0.0014	0.4461	0.0358	0.0031	7	0.18	1%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	2009	0.4770	0.0040	0.4461	0.0358	0.0031	7	0.86	3%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	2109	0.5242	0.0000	0.4461	0.0358	0.0031	7	2.18	9%	0
400.99	Water Activity, Miscellaneous (Units)	0843	0.4145	0.0050				2		0	

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
400.99	Water Activity, Miscellaneous (Units)	2073	0.4270	0.0080				2			0
412.01	Starch, Dietary, Enzymatic-Colorimetric (%)	0353	11.80	0.0500				1			0
516.00	Arsenic, Total, AA, Hydride (mg / kg (ppm))	0171	0.1000	0.0100				1			0
516.42	Arsenic, Total, ICP, Open vessel (mg / kg (ppm))	0045	0.1090	0.0060				1			0
516.43	Arsenic, Total, ICP, Microwave (mg / kg (ppm))	0407	1.200	0.1960				1			0
516.52	Arsenic, Total, ICP-MS, Open vessel (mg / kg (ppm))	0910	0.0900	0.0000				2			0
516.52	Arsenic, Total, ICP-MS, Open vessel (mg / kg (ppm))	0186	0.0980	0.0020				2			0
516.53	Arsenic, Total, ICP-MS, Microwave (mg / kg (ppm))	0227	0.0955	0.0010	0.1391	0.0409	0.0083	5			0
516.53	Arsenic, Total, ICP-MS, Microwave (mg / kg (ppm))	0413	0.1050	0.0100	0.1391	0.0409	0.0083	5			0
516.53	Arsenic, Total, ICP-MS, Microwave (mg / kg (ppm))	2012	0.1380	0.0060	0.1391	0.0409	0.0083	5			0
516.53	Arsenic, Total, ICP-MS, Microwave (mg / kg (ppm))	0918	0.1624	0.0174	0.1391	0.0409	0.0083	5			0
516.53	Arsenic, Total, ICP-MS, Microwave (mg / kg (ppm))	0098	0.1945	0.0070	0.1391	0.0409	0.0083	5			0
518.41	Cadmium, ICP, Dry ash (mg / kg (ppm))	0171	0.0995	0.0130				2			0
518.41	Cadmium, ICP, Dry ash (mg / kg (ppm))	0407	0.1353	0.0001				2			0
518.42	Cadmium, ICP, Open vessel (mg / kg (ppm))	0045	0.0500	0.0000				1			0
518.52	Cadmium, ICP-MS, Open vessel (mg / kg (ppm))	0910	0.1550	0.0100				2			0
518.52	Cadmium, ICP-MS, Open vessel (mg / kg (ppm))	0186	0.1785	0.0050				2			0
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	2055	0.1390	0.0060	0.1758	0.0244	0.0033	6	-1.50	10%	0
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	0918	0.1620	0.0005	0.1758	0.0244	0.0033	6	-0.56	4%	0
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	0413	0.1800	0.0000	0.1758	0.0244	0.0033	6	0.17	1%	0
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	0227	0.1850	0.0020	0.1758	0.0244	0.0033	6	0.38	3%	0
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	0098	0.1935	0.0090	0.1758	0.0244	0.0033	6	0.73	5%	0
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	2012	0.1950	0.0020	0.1758	0.0244	0.0033	6	0.79	5%	0
520.41	Chromium, ICP, Dry ash (mg / kg (ppm))	0407	14.68	0.1200				2			0
520.41	Chromium, ICP, Dry ash (mg / kg (ppm))	0171	16.55	0.1000				2			0
520.42	Chromium, ICP, Open vessel (mg / kg (ppm))	0693	23.54	8.398				2			0
520.42	Chromium, ICP, Open vessel (mg / kg (ppm))	0045	26.10	1.200				2			0
520.43	Chromium, ICP, Microwave (mg / kg (ppm))	0510	24.07	0.5700				1			0
520.52	Chromium, ICP-MS, Open vessel (mg / kg (ppm))	0186	7.195	0.0700				1			0
520.53	Chromium, ICP-MS, Microwave (mg / kg (ppm))	2055	6.689	1.112				3			0
520.53	Chromium, ICP-MS, Microwave (mg / kg (ppm))	0918	9.404	1.068				3			0
520.53	Chromium, ICP-MS, Microwave (mg / kg (ppm))	0164	21.85	0.1000				3			0
526.41	Lead, ICP, Dry ash (mg / kg (ppm))	0171	0.0980	0.0720				2			0
526.41	Lead, ICP, Dry ash (mg / kg (ppm))	0407	0.1592	0.0517				2			0
526.52	Lead, ICP-MS, Open vessel (mg / kg (ppm))	0910	0.1300	0.0200				2			0
526.52	Lead, ICP-MS, Open vessel (mg / kg (ppm))	0186	0.1620	0.0260				2			0
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	0918	0.1381	0.0053				3			0
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	0227	0.1405	0.0050				3			0
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	0413	0.1600	0.0000				3			0
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	0098	0.1565	0.0190				3			1
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	2012	0.2275	0.0010				3			2
529.99	Mercury, Miscellaneous (µg / kg (ppb))	2012	28.61	0.0000				1			0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
539.41	Nickel, ICP, Dry ash (mg / kg (ppm))	0407	6.476	0.3032				2			0
539.41	Nickel, ICP, Dry ash (mg / kg (ppm))	0171	7.430	0.0400				2			0
539.52	Nickel, ICP-MS, Open vessel (mg / kg (ppm))	0186	2.260	0.1800				1			0
539.53	Nickel, ICP-MS, Microwave (mg / kg (ppm))	0918	3.213	0.3449				1			0
702.00	Butyric Acid (4:0), Miscellaneous GC (%)	0619	0.0000	0.0000				0			4
704.00	Caproic Acid (6:0) , Miscellaneous GC (%)	0619	0.0000	0.0000				0			4
706.01	Caprylic acid (8:0), Direct Methylation by Alkali Hydrolysis	0619	0.0000	0.0000				0			4
708.01	Capric acid (10:0), Direct Methylation by Alkali Hydrolysis	0619	0.0000	0.0000				0			4
710.01	Lauric Acid (12:0), Direct Methylation by Alkali Hydrolysis	2216	0.0010	0.0001				2			0
710.01	Lauric Acid (12:0), Direct Methylation by Alkali Hydrolysis	0619	0.0385	0.0030				2			0
710.99	Lauric Acid (12:0), Miscellaneous (%) (w/w))	0676	0.0040	0.0020				1			0
710.99	Lauric Acid (12:0), Miscellaneous (%) (w/w))	0164	< 0.02					1			5
714.01	Myristic Acid (14:0) , Direct Methylation by Alkali Hydrolysi	2216	0.0081	0.0009				2			0
714.01	Myristic Acid (14:0) , Direct Methylation by Alkali Hydrolysi	0619	0.0425	0.0030				2			0
714.99	Myristic Acid (14:0) , Miscellaneous (%) (w/w))	0164	< 0.02					0			5
716.01	Palmitic Acid (16:0), Direct Methylation by Alkali Hydrolysi:	2216	0.9220	0.0237				2			0
716.01	Palmitic Acid (16:0), Direct Methylation by Alkali Hydrolysi:	0619	1.975	0.0900				2			0
716.99	Palmitic Acid (16:0), Miscellaneous (%) (w/w))	0164	1.085	0.0300				1			0
718.01	Palmitoleic Acid (9c-16:1), Direct Methylation by Alkali Hyc	2216	0.0098	0.0011				2			0
718.01	Palmitoleic Acid (9c-16:1), Direct Methylation by Alkali Hyc	0619	0.0440	0.0020				2			0
718.99	Palmitoleic Acid (9c-16:1), Miscellaneous (%) (w/w))	0676	0.0130	0.0000				1			0
718.99	Palmitoleic Acid (9c-16:1), Miscellaneous (%) (w/w))	0164	< 0.04					1			5
722.01	Stearic Acid (18:0), Direct Methylation by Alkali Hydrolysis	2216	0.2606	0.0068				2			0
722.01	Stearic Acid (18:0), Direct Methylation by Alkali Hydrolysis	0619	0.4095	0.0290				2			0
722.99	Stearic Acid (18:0), Miscellaneous (%) (w/w))	0164	0.3100	0.0000				1			0
724.01	Oleic Acid (9c-18:1), Direct Methylation by Alkali Hydrolysi	2216	1.457	0.0527				2			0
724.01	Oleic Acid (9c-18:1), Direct Methylation by Alkali Hydrolysi	0619	2.900	0.0400				2			0
724.99	Oleic Acid (9c-18:1), Miscellaneous (%) (w/w))	0164	1.685	0.0300				1			0
726.01	Linoleic Acid (9c,12c-18:2), Direct Methylation by Alkali Hy	0619	2.295	0.0300				2			0
726.01	Linoleic Acid (9c,12c-18:2), Direct Methylation by Alkali Hy	2216	4.318	0.0983				2			0
726.99	Linoleic Acid (9c,12c-18:2), Miscellaneous (%) (w/w))	0164	4.140	0.0200				2			0
726.99	Linoleic Acid (9c,12c-18:2), Miscellaneous (%) (w/w))	0676	4.753	0.0170				2			0
728.01	alpha-Linolenic Acid (9c,12c,15c-18:3), Direct Methylation	0619	0.3190	0.0220				2			0
728.01	alpha-Linolenic Acid (9c,12c,15c-18:3), Direct Methylation	2216	0.6037	0.0132				2			0
728.99	alpha-Linolenic Acid (9c,12c,15c-18:3), Miscellaneous (%)	0164	0.6550	0.0100				2			0
728.99	alpha-Linolenic Acid (9c,12c,15c-18:3), Miscellaneous (%)	0676	0.8170	0.0060				2			0
730.01	Arachidic Acid (20:0), Direct Methylation by Alkali Hydroly	2216	0.0216	0.0010				2			0
730.01	Arachidic Acid (20:0), Direct Methylation by Alkali Hydroly	0619	0.0560	0.0080				2			0
730.99	Arachidic Acid (20:0), Miscellaneous (%) (w/w))	0164	0.0300	0.0000				1			0
732.01	Gondoic Acid (11c-20:1), Direct Methylation by Alkali Hydr	2216	0.0227	0.0027				2			0
732.01	Gondoic Acid (11c-20:1), Direct Methylation by Alkali Hydr	0619	0.0625	0.0170				2			0
732.99	Gondoic Acid (11c-20:1), Miscellaneous (%) (w/w))	0164	0.0300	0.0000				1			0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
736.01	Arachidonic Acid (5c,8c,11c,14c-20:4), Direct Methylation	2216	0.0019	0.0009				1		0	
736.01	Arachidonic Acid (5c,8c,11c,14c-20:4), Direct Methylation	0619	0.0000	0.0000				1		4	
736.99	Arachidonic Acid (5c,8c,11c,14c-20:4), Miscellaneous (%)	0676	0.0000	0.0000				0		4	
738.01	Mead Acid (11c,14c,17c-20:3), Direct Methylation by Alkal	0619	0.0000	0.0000				0		4	
740.01	Eicosapentaenoic Acid EPA (5c,8c,11c,14c,17c-20:5), Dir	2216	0.0020	0.0004				1		0	
740.01	Eicosapentaenoic Acid EPA (5c,8c,11c,14c,17c-20:5), Dir	0619	0.0000	0.0000				1		4	
740.99	Eicosapentaenoic Acid EPA (5c,8c,11c,14c,17c-20:5), Mis	0676	0.0000	0.0000				0		4	
742.01	Behenic Acid (22:0), Direct Methylation by Alkali Hydrolysi	2216	0.0241	0.0000				1		0	
742.99	Behenic Acid (22:0), Miscellaneous (%) (w/w))	0164	0.0300	0.0000				1		0	
744.01	Erucic Acid (13c-22:1), Direct Methylation by Alkali Hydrol	2216	0.0047	0.0006				1		0	
744.01	Erucic Acid (13c-22:1), Direct Methylation by Alkali Hydrol	0619	0.0000	0.0000				1		4	
746.01	Docosapentaenoic Acid n-3 DPA (7c,10c,13c,16c,19c-22:5)	2216	0.0043	0.0037				1		0	
746.01	Docosapentaenoic Acid n-3 DPA (7c,10c,13c,16c,19c-22:5)	0619	0.0000	0.0000				1		4	
746.99	Docosapentaenoic Acid n-3 DPA (7c,10c,13c,16c,19c-22:5)	0676	0.0000	0.0000				0		4	
748.01	Lignoceric Acid (24:0), Direct Methylation by Alkali Hydrol	2216	0.0134	0.0013				1		0	
750.01	Docosahexaenoic Acid DHA (4c,7c,10c,13c,16c,19c-22:6)	2216	0.0019	0.0002				1		0	
750.01	Docosahexaenoic Acid DHA (4c,7c,10c,13c,16c,19c-22:6)	0619	0.0000	0.0000				1		4	
750.99	Docosahexaenoic Acid DHA (4c,7c,10c,13c,16c,19c-22:6)	0676	0.0020	0.0000				1		0	
752.01	Nervonic Acid (24:1) isomers, Direct Methylation by Alkali	2216	0.0082	0.0009				1		0	
752.01	Nervonic Acid (24:1) isomers, Direct Methylation by Alkali	0619	0.0000	0.0000				1		4	
754.01	Total n-3 Polyunsaturated (Omega-3) Fatty Acids, Direct M	2216	0.6145	0.0110				1		0	
754.99	Total n-3 Polyunsaturated (Omega-3) Fatty Acids, Miscell	0164	0.6650	0.0100				3		0	
754.99	Total n-3 Polyunsaturated (Omega-3) Fatty Acids, Miscell	0941	0.7650	0.0100				3		0	
754.99	Total n-3 Polyunsaturated (Omega-3) Fatty Acids, Miscell	0676	0.8200	0.0000				3		0	
756.01	Total n-6 Polyunsaturated (Omega-6) Fatty Acids, Direct M	2216	4.343	0.1020				1		0	
756.99	Total n-6 Polyunsaturated (Omega-6) Fatty Acids, Miscell	0164	4.115	0.0100				3		0	
756.99	Total n-6 Polyunsaturated (Omega-6) Fatty Acids, Miscell	0676	4.760	0.0200				3		0	
756.99	Total n-6 Polyunsaturated (Omega-6) Fatty Acids, Miscell	0941	5.000	0.0000				3		0	
758.99	Total Saturated Fatty Acids, Miscellaneous (%) (w/w))	0164	1.510	0.0400				1		0	
762.99	Total Monounsaturated Fatty Acids, Miscellaneous (%) (w	0164	1.745	0.0300				1		0	
766.99	Total Polyunsaturated Fatty Acids, Miscellaneous (%) (w/v	0164	4.815	0.0100				1		0	
770.01	Total Fat (equivalent to NLEA), Direct Methylation by Alka	2216	8.284	0.2428				1		0	
770.99	Total Fat (equivalent to NLEA), Miscellaneous (%) (w/w))	0164	8.085	0.0500				1		0	
772.99	Total Fatty Acids, Miscellaneous (%) (w/w))	0164	8.455	0.0700				1		0	

Notes: Interpreting Z Scores: Red indicates a normally distributed Z value >3 or <-3 (requires action), Orange = Z between 2 and 3 or -2 and -3 (warning) and Green = Z < 2 and >-2 (OK at 95%). Flags indicate data usage: 0 = Used, 1 = Rejected for duplicates too far apart, 2 = Rejected as outlier, 5 = A reporting limit and 4 = zeros submitted as values. Robust statistics not used if < 6 labs reporting, in the case of 4 or 5 labs reporting Means and SD's may be reported based on Raw Data with obvious blunders removed (Mandel h and k exclusions apply; Grey). Flag 3 indicates not used in statistics.