



AAFCO
Proficiency Testing Program



Beef Feed

Animal Feed Scheme

Labs Reporting: 193

Test Material Code # 201828

Method Proficiency Testing Report

Issue Date : 09/30/2018

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
000.02	Urea, As protein, Colorimetric (%)	0278	0.55000	0.10000				1			0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0596	8.2750	0.21000	8.8405	0.43707	0.15620	5			0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0504	8.5850	0.09000	8.8405	0.43707	0.15620	5			0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0027	8.8900	0.46000	8.8405	0.43707	0.15620	5			0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0309	9.0275	0.01100	8.8405	0.43707	0.15620	5			0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0169	9.4250	0.01000	8.8405	0.43707	0.15620	5			0
001.03	Loss on Drying, Low temp. methods (%)	0619	9.0600	0.08000	9.2200	0.13933	0.08800	5			0
001.03	Loss on Drying, Low temp. methods (%)	0878	9.0850	0.13000	9.2200	0.13933	0.08800	5			0
001.03	Loss on Drying, Low temp. methods (%)	0186	9.2900	0.20000	9.2200	0.13933	0.08800	5			0
001.03	Loss on Drying, Low temp. methods (%)	0868	9.2900	0.02000	9.2200	0.13933	0.08800	5			0
001.03	Loss on Drying, Low temp. methods (%)	0895	9.3750	0.01000	9.2200	0.13933	0.08800	5			0
001.05	Loss on Drying, LECO (%)	0610	8.7800	0.04000				2			0
001.05	Loss on Drying, LECO (%)	0644	8.9200	0.04000				2			0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0038	7.5800	0.46000	9.0662	0.35495	0.12441	46	-4.19	8%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0345	7.7400	0.08000	9.0662	0.35495	0.12441	46	-3.74	7%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0353	8.2550	0.07000	9.0662	0.35495	0.12441	46	-2.29	4%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2195	8.3550	0.03000	9.0662	0.35495	0.12441	46	-2.00	4%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0226	8.3900	0.12000	9.0662	0.35495	0.12441	46	-1.90	4%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2059	8.5300	0.30000	9.0662	0.35495	0.12441	46	-1.51	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0019	8.5500	0.30000	9.0662	0.35495	0.12441	46	-1.45	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0187	8.6800	0.32000	9.0662	0.35495	0.12441	46	-1.09	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0148	8.7600	0.08000	9.0662	0.35495	0.12441	46	-0.86	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0407	8.7644	0.01810	9.0662	0.35495	0.12441	46	-0.85	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0413	8.8500	0.10000	9.0662	0.35495	0.12441	46	-0.61	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2146	8.8900	0.08000	9.0662	0.35495	0.12441	46	-0.50	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0571	8.9050	0.01000	9.0662	0.35495	0.12441	46	-0.45	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0003	8.9400	0.08000	9.0662	0.35495	0.12441	46	-0.36	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0171	8.9400	0.12000	9.0662	0.35495	0.12441	46	-0.36	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0590	8.9800	0.00000	9.0662	0.35495	0.12441	46	-0.24	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0083	8.9850	0.05000	9.0662	0.35495	0.12441	46	-0.23	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0505	9.0000	0.38000	9.0662	0.35495	0.12441	46	-0.19	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0689	9.0000	0.00000	9.0662	0.35495	0.12441	46	-0.19	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0035	9.0400	0.08000	9.0662	0.35495	0.12441	46	-0.07	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0682	9.0400	0.00000	9.0662	0.35495	0.12441	46	-0.07	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0089	9.0800	0.02000	9.0662	0.35495	0.12441	46	0.04	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2009	9.0941	0.00280	9.0662	0.35495	0.12441	46	0.08	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0142	9.1100	0.18000	9.0662	0.35495	0.12441	46	0.12	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0876	9.1250	0.15000	9.0662	0.35495	0.12441	46	0.17	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0849	9.1350	0.01000	9.0662	0.35495	0.12441	46	0.19	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0638	9.1700	0.02000	9.0662	0.35495	0.12441	46	0.29	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2012	9.2000	0.02000	9.0662	0.35495	0.12441	46	0.38	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0675	9.2050	0.11000	9.0662	0.35495	0.12441	46	0.39	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2145	9.2150	0.01000	9.0662	0.35495	0.12441	46	0.42	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0139	9.2500	0.02000	9.0662	0.35495	0.12441	46	0.52	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0049	9.2650	0.01000	9.0662	0.35495	0.12441	46	0.56	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0693	9.2810	0.61600	9.0662	0.35495	0.12441	46	0.61	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2190	9.2850	0.11000	9.0662	0.35495	0.12441	46	0.62	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0872	9.2900	0.04000	9.0662	0.35495	0.12441	46	0.63	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0843	9.3050	0.31000	9.0662	0.35495	0.12441	46	0.67	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0098	9.3100	0.10000	9.0662	0.35495	0.12441	46	0.69	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2192	9.3100	0.40000	9.0662	0.35495	0.12441	46	0.69	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0581	9.3350	0.07000	9.0662	0.35495	0.12441	46	0.76	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0278	9.3750	0.23000	9.0662	0.35495	0.12441	46	0.87	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0066	9.4490	0.09600	9.0662	0.35495	0.12441	46	1.08	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2109	9.4900	0.02000	9.0662	0.35495	0.12441	46	1.19	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0028	9.5050	0.33000	9.0662	0.35495	0.12441	46	1.24	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2053	9.5350	0.01000	9.0662	0.35495	0.12441	46	1.32	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0695	9.6750	0.01000	9.0662	0.35495	0.12441	46	1.72	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0074	9.8750	0.15000	9.0662	0.35495	0.12441	46	2.28	4%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0045	10.340	1.5400	9.0662	0.35495	0.12441	46	3.59	7%	1
001.99	Loss on Drying, Miscellaneous (%)	0618	6.9750	0.07000	8.8820	0.58261	0.13377	19	-3.27	11%	0
001.99	Loss on Drying, Miscellaneous (%)	2081	7.5750	0.01000	8.8820	0.58261	0.13377	19	-2.24	7%	0
001.99	Loss on Drying, Miscellaneous (%)	2155	8.3900	0.88000	8.8820	0.58261	0.13377	19	-0.84	3%	0
001.99	Loss on Drying, Miscellaneous (%)	0612	8.4900	0.42000	8.8820	0.58261	0.13377	19	-0.67	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0889	8.5100	0.10000	8.8820	0.58261	0.13377	19	-0.64	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0918	8.5850	0.09000	8.8820	0.58261	0.13377	19	-0.51	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0034	8.6000	0.04000	8.8820	0.58261	0.13377	19	-0.48	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0510	8.6000	0.00000	8.8820	0.58261	0.13377	19	-0.48	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0630	8.6850	0.07000	8.8820	0.58261	0.13377	19	-0.34	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0662	8.8993	0.17920	8.8820	0.58261	0.13377	19	0.03	0%	0
001.99	Loss on Drying, Miscellaneous (%)	0948	9.0100	0.02000	8.8820	0.58261	0.13377	19	0.22	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0910	9.0500	0.10000	8.8820	0.58261	0.13377	19	0.29	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0357	9.0674	0.00240	8.8820	0.58261	0.13377	19	0.32	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0676	9.2700	0.02000	8.8820	0.58261	0.13377	19	0.67	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0037	9.2850	0.03000	8.8820	0.58261	0.13377	19	0.69	2%	0
001.99	Loss on Drying, Miscellaneous (%)	2126	9.3750	0.01000	8.8820	0.58261	0.13377	19	0.85	3%	0
001.99	Loss on Drying, Miscellaneous (%)	0019	9.4950	0.25000	8.8820	0.58261	0.13377	19	1.05	3%	0

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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
001.99	Loss on Drying, Miscellaneous (%)	0852	9.6750	0.05000	8.8820	0.58261	0.13377	19	1.36	4%	0
001.99	Loss on Drying, Miscellaneous (%)	0218	9.8000	0.20000	8.8820	0.58261	0.13377	19	1.58	5%	0
001.99	Loss on Drying, Miscellaneous (%)	0560	8.7150	1.0300	8.8820	0.58261	0.13377	19	-0.29	1%	1
002.00	Protein, Crude, Crude (%)	0914	11.825	0.27000				1			0
002.01	Protein, Crude, Auto Kjell-Foss (%)	0968	11.491	0.15900	11.937	0.27098	0.09343	15	-1.65	2%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	0685	11.555	0.01000	11.937	0.27098	0.09343	15	-1.41	2%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	0910	11.750	0.10000	11.937	0.27098	0.09343	15	-0.69	1%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	2195	11.760	0.18000	11.937	0.27098	0.09343	15	-0.65	1%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	0653	11.765	0.01000	11.937	0.27098	0.09343	15	-0.63	1%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	0662	11.906	0.18750	11.937	0.27098	0.09343	15	-0.11	0%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	0860	11.913	0.00000	11.937	0.27098	0.09343	15	-0.09	0%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	0870	11.921	0.14500	11.937	0.27098	0.09343	15	-0.06	0%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	2188	11.970	0.04000	11.937	0.27098	0.09343	15	0.12	0%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	2196	12.020	0.00000	11.937	0.27098	0.09343	15	0.31	0%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	0610	12.050	0.30000	11.937	0.27098	0.09343	15	0.42	0%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	0652	12.100	0.00000	11.937	0.27098	0.09343	15	0.60	1%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	0889	12.225	0.21000	11.937	0.27098	0.09343	15	1.06	1%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	0152	12.250	0.04000	11.937	0.27098	0.09343	15	1.15	1%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	2193	12.340	0.02000	11.937	0.27098	0.09343	15	1.49	2%	0
002.02	Protein, Crude, Semiauto Autoanalyzer (%)	0042	11.520	0.22000	11.773	0.19085	0.08993	4			0
002.02	Protein, Crude, Semiauto Autoanalyzer (%)	0036	11.772	0.00070	11.773	0.19085	0.08993	4			0
002.02	Protein, Crude, Semiauto Autoanalyzer (%)	0169	11.820	0.06000	11.773	0.19085	0.08993	4			0
002.02	Protein, Crude, Semiauto Autoanalyzer (%)	0066	11.981	0.07900	11.773	0.19085	0.08993	4			0
002.03	Protein, Crude, Hach Method (%)	2128	11.492	0.23900				2			0
002.03	Protein, Crude, Hach Method (%)	0536	11.830	0.10000				2			0
002.04	Protein, Crude, Copper Catalyst (%)	0187	11.285	0.01000	11.780	0.43698	0.04000	4			0
002.04	Protein, Crude, Copper Catalyst (%)	0405	11.540	0.00000	11.780	0.43698	0.04000	4			0
002.04	Protein, Crude, Copper Catalyst (%)	0504	12.140	0.02000	11.780	0.43698	0.04000	4			0
002.04	Protein, Crude, Copper Catalyst (%)	0638	12.155	0.13000	11.780	0.43698	0.04000	4			0
002.04	Protein, Crude, Copper Catalyst (%)	0874	10.635	0.39000	11.780	0.43698	0.04000	4			1
002.05	Protein, Crude, Copper, Boric Acid (%)	0622	11.062	0.00660	11.936	0.21865	0.05998	34	-4.00	4%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2097	11.393	0.00650	11.936	0.21865	0.05998	34	-2.48	2%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0651	11.572	0.14500	11.936	0.21865	0.05998	34	-1.67	2%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0675	11.625	0.05000	11.936	0.21865	0.05998	34	-1.42	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0921	11.700	0.00000	11.936	0.21865	0.05998	34	-1.08	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2199	11.700	0.00000	11.936	0.21865	0.05998	34	-1.08	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2192	11.705	0.15000	11.936	0.21865	0.05998	34	-1.06	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0619	11.800	0.00000	11.936	0.21865	0.05998	34	-0.62	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2145	11.810	0.08000	11.936	0.21865	0.05998	34	-0.58	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0881	11.818	0.00900	11.936	0.21865	0.05998	34	-0.54	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0868	11.885	0.01000	11.936	0.21865	0.05998	34	-0.23	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0354	11.895	0.05000	11.936	0.21865	0.05998	34	-0.19	0%	0

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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
002.05	Protein, Crude, Copper, Boric Acid (%)	2109	11.895	0.03000	11.936	0.21865	0.05998	34	-0.19	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0952	11.910	0.08000	11.936	0.21865	0.05998	34	-0.12	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2009	11.914	0.00280	11.936	0.21865	0.05998	34	-0.10	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0939	11.930	0.16000	11.936	0.21865	0.05998	34	-0.03	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0689	11.950	0.10000	11.936	0.21865	0.05998	34	0.06	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2190	11.950	0.24000	11.936	0.21865	0.05998	34	0.06	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0878	11.955	0.03000	11.936	0.21865	0.05998	34	0.09	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0941	11.970	0.08000	11.936	0.21865	0.05998	34	0.16	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0948	11.985	0.01000	11.936	0.21865	0.05998	34	0.22	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2073	11.995	0.13000	11.936	0.21865	0.05998	34	0.27	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0897	12.000	0.08000	11.936	0.21865	0.05998	34	0.29	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0849	12.005	0.01000	11.936	0.21865	0.05998	34	0.32	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2022	12.055	0.01000	11.936	0.21865	0.05998	34	0.54	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2181	12.075	0.03000	11.936	0.21865	0.05998	34	0.64	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2006	12.080	0.00000	11.936	0.21865	0.05998	34	0.66	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0895	12.105	0.01000	11.936	0.21865	0.05998	34	0.77	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2012	12.105	0.05000	11.936	0.21865	0.05998	34	0.77	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0674	12.150	0.00000	11.936	0.21865	0.05998	34	0.98	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0722	12.238	0.06950	11.936	0.21865	0.05998	34	1.38	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2200	12.900	0.20000	11.936	0.21865	0.05998	34	4.41	4%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2146	13.155	0.03000	11.936	0.21865	0.05998	34	5.58	5%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0852	13.220	0.18000	11.936	0.21865	0.05998	34	5.87	5%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0144	10.790	0.02000	12.107	0.25415	0.13138	116	-5.18	5%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0853	11.100	0.40000	12.107	0.25415	0.13138	116	-3.96	4%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0505	11.410	0.00000	12.107	0.25415	0.13138	116	-2.74	3%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2155	11.432	0.35500	12.107	0.25415	0.13138	116	-2.66	3%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0581	11.475	0.05000	12.107	0.25415	0.13138	116	-2.49	3%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0265	11.500	0.40000	12.107	0.25415	0.13138	116	-2.39	3%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0676	11.505	0.25000	12.107	0.25415	0.13138	116	-2.37	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0345	11.550	0.30000	12.107	0.25415	0.13138	116	-2.19	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0539	11.585	0.19000	12.107	0.25415	0.13138	116	-2.05	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0100	11.640	0.06000	12.107	0.25415	0.13138	116	-1.84	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0956	11.700	0.20000	12.107	0.25415	0.13138	116	-1.60	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0541	11.735	0.49000	12.107	0.25415	0.13138	116	-1.46	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0047	11.800	0.40000	12.107	0.25415	0.13138	116	-1.21	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0074	11.810	0.00000	12.107	0.25415	0.13138	116	-1.17	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0042	11.820	0.20000	12.107	0.25415	0.13138	116	-1.13	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0590	11.825	0.21000	12.107	0.25415	0.13138	116	-1.11	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0049	11.840	0.36000	12.107	0.25415	0.13138	116	-1.05	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0164	11.845	0.19000	12.107	0.25415	0.13138	116	-1.03	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0123	11.875	0.01000	12.107	0.25415	0.13138	116	-0.91	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0294	11.900	0.00000	12.107	0.25415	0.13138	116	-0.81	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0032	11.913	0.06900	12.107	0.25415	0.13138	116	-0.77	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0964	11.913	0.07100	12.107	0.25415	0.13138	116	-0.77	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0968	11.922	0.00700	12.107	0.25415	0.13138	116	-0.73	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0868	11.930	0.06000	12.107	0.25415	0.13138	116	-0.70	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0027	11.933	0.03500	12.107	0.25415	0.13138	116	-0.69	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0139	11.935	0.03000	12.107	0.25415	0.13138	116	-0.68	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2081	11.935	0.17000	12.107	0.25415	0.13138	116	-0.68	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0870	11.940	0.06000	12.107	0.25415	0.13138	116	-0.66	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0872	11.942	0.04300	12.107	0.25415	0.13138	116	-0.65	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0175	11.950	0.10000	12.107	0.25415	0.13138	116	-0.62	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0278	11.950	0.10000	12.107	0.25415	0.13138	116	-0.62	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0619	11.950	0.10000	12.107	0.25415	0.13138	116	-0.62	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2129	11.958	0.09000	12.107	0.25415	0.13138	116	-0.59	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0675	11.960	0.02000	12.107	0.25415	0.13138	116	-0.58	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0598	11.980	0.16000	12.107	0.25415	0.13138	116	-0.50	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0650	11.990	0.42000	12.107	0.25415	0.13138	116	-0.46	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0202	11.990	0.12000	12.107	0.25415	0.13138	116	-0.46	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0017	12.000	0.20000	12.107	0.25415	0.13138	116	-0.42	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2012	12.000	0.02000	12.107	0.25415	0.13138	116	-0.42	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0687	12.010	0.32000	12.107	0.25415	0.13138	116	-0.38	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0857	12.010	0.04000	12.107	0.25415	0.13138	116	-0.38	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0626	12.036	0.01100	12.107	0.25415	0.13138	116	-0.28	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0859	12.038	0.06900	12.107	0.25415	0.13138	116	-0.27	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2053	12.040	0.02000	12.107	0.25415	0.13138	116	-0.26	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0695	12.041	0.08500	12.107	0.25415	0.13138	116	-0.26	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0098	12.050	0.30000	12.107	0.25415	0.13138	116	-0.22	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0520	12.050	0.24000	12.107	0.25415	0.13138	116	-0.22	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0038	12.052	0.50800	12.107	0.25415	0.13138	116	-0.22	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0504	12.055	0.27000	12.107	0.25415	0.13138	116	-0.20	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2150	12.055	0.05000	12.107	0.25415	0.13138	116	-0.20	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0171	12.065	0.17000	12.107	0.25415	0.13138	116	-0.17	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0589	12.065	0.13000	12.107	0.25415	0.13138	116	-0.17	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0918	12.070	0.18000	12.107	0.25415	0.13138	116	-0.15	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0009	12.075	0.01000	12.107	0.25415	0.13138	116	-0.13	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0693	12.088	0.03200	12.107	0.25415	0.13138	116	-0.07	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0108	12.100	0.04000	12.107	0.25415	0.13138	116	-0.03	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0861	12.100	0.02000	12.107	0.25415	0.13138	116	-0.03	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0939	12.115	0.05000	12.107	0.25415	0.13138	116	0.03	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0003	12.120	0.00000	12.107	0.25415	0.13138	116	0.05	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0357	12.125	0.00000	12.107	0.25415	0.13138	116	0.07	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0880	12.125	0.18800	12.107	0.25415	0.13138	116	0.07	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0354	12.130	0.04000	12.107	0.25415	0.13138	116	0.09	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0142	12.145	0.01000	12.107	0.25415	0.13138	116	0.15	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0571	12.147	0.02500	12.107	0.25415	0.13138	116	0.16	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2059	12.148	0.09060	12.107	0.25415	0.13138	116	0.16	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0045	12.150	0.10000	12.107	0.25415	0.13138	116	0.17	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0226	12.150	0.10000	12.107	0.25415	0.13138	116	0.17	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0910	12.150	0.10000	12.107	0.25415	0.13138	116	0.17	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2168	12.150	0.08000	12.107	0.25415	0.13138	116	0.17	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0208	12.150	0.30000	12.107	0.25415	0.13138	116	0.17	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2089	12.150	0.02000	12.107	0.25415	0.13138	116	0.17	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0011	12.151	0.05300	12.107	0.25415	0.13138	116	0.17	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0148	12.155	0.01000	12.107	0.25415	0.13138	116	0.19	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0618	12.158	0.00400	12.107	0.25415	0.13138	116	0.20	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0682	12.170	0.00000	12.107	0.25415	0.13138	116	0.25	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2126	12.170	0.08000	12.107	0.25415	0.13138	116	0.25	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0019	12.175	0.01000	12.107	0.25415	0.13138	116	0.27	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0948	12.175	0.01000	12.107	0.25415	0.13138	116	0.27	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2075	12.180	0.06000	12.107	0.25415	0.13138	116	0.29	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0004	12.200	0.02000	12.107	0.25415	0.13138	116	0.37	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0010	12.200	0.00000	12.107	0.25415	0.13138	116	0.37	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0553	12.205	0.39000	12.107	0.25415	0.13138	116	0.39	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0298	12.210	0.02000	12.107	0.25415	0.13138	116	0.41	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0353	12.240	0.02000	12.107	0.25415	0.13138	116	0.52	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0083	12.250	0.08000	12.107	0.25415	0.13138	116	0.56	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0510	12.250	0.10000	12.107	0.25415	0.13138	116	0.56	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0407	12.268	0.03600	12.107	0.25415	0.13138	116	0.63	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0309	12.283	0.26850	12.107	0.25415	0.13138	116	0.69	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0037	12.290	0.30000	12.107	0.25415	0.13138	116	0.72	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0413	12.300	0.20000	12.107	0.25415	0.13138	116	0.76	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0574	12.305	0.01000	12.107	0.25415	0.13138	116	0.78	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0876	12.315	0.07000	12.107	0.25415	0.13138	116	0.82	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0028	12.330	0.28000	12.107	0.25415	0.13138	116	0.88	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0425	12.335	0.03000	12.107	0.25415	0.13138	116	0.90	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0205	12.340	0.22000	12.107	0.25415	0.13138	116	0.92	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0229	12.342	0.21700	12.107	0.25415	0.13138	116	0.92	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0190	12.350	0.04000	12.107	0.25415	0.13138	116	0.96	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0884	12.350	0.10000	12.107	0.25415	0.13138	116	0.96	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0644	12.362	0.02400	12.107	0.25415	0.13138	116	1.00	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0033	12.400	0.40000	12.107	0.25415	0.13138	116	1.15	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0036	12.400	0.04000	12.107	0.25415	0.13138	116	1.15	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0596	12.405	0.15000	12.107	0.25415	0.13138	116	1.17	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0358	12.415	0.19000	12.107	0.25415	0.13138	116	1.21	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2006	12.435	0.17000	12.107	0.25415	0.13138	116	1.29	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0630	12.470	0.34000	12.107	0.25415	0.13138	116	1.43	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0511	12.480	0.12000	12.107	0.25415	0.13138	116	1.47	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0242	12.485	0.31000	12.107	0.25415	0.13138	116	1.49	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0843	12.485	0.03000	12.107	0.25415	0.13138	116	1.49	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0646	12.510	0.18000	12.107	0.25415	0.13138	116	1.59	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0035	12.550	0.26000	12.107	0.25415	0.13138	116	1.74	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0001	12.560	0.10000	12.107	0.25415	0.13138	116	1.78	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0186	12.600	0.20000	12.107	0.25415	0.13138	116	1.94	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0034	12.607	0.07900	12.107	0.25415	0.13138	116	1.97	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0233	12.705	0.37000	12.107	0.25415	0.13138	116	2.35	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0089	13.950	0.00000	12.107	0.25415	0.13138	116	7.25	8%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0612	14.485	0.09000	12.107	0.25415	0.13138	116	9.36	10%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0953	14.300	1.6400	12.107	0.25415	0.13138	116	8.63	9%	1
002.08	Protein, Crude, Cu/Ti (%)	0098	11.795	0.03000				1			0
002.11	Protein, Crude, NIR (%)	2128	12.282	0.06800	13.570	1.4146	0.05360	5			0
002.11	Protein, Crude, NIR (%)	0553	12.665	0.09000	13.570	1.4146	0.05360	5			0
002.11	Protein, Crude, NIR (%)	2105	12.685	0.11000	13.570	1.4146	0.05360	5			0
002.11	Protein, Crude, NIR (%)	0011	15.100	0.00000	13.570	1.4146	0.05360	5			0
002.11	Protein, Crude, NIR (%)	0852	15.120	0.00000	13.570	1.4146	0.05360	5			0
002.11	Protein, Crude, NIR (%)	0889	9.3450	0.67000	13.570	1.4146	0.05360	5			1
002.99	Protein, Crude, Miscellaneous (%)	2144	11.665	0.07000				2			0
002.99	Protein, Crude, Miscellaneous (%)	0643	12.410	0.38000				2			0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0142	1.7900	0.18000	2.4982	0.34331	0.14222	13	-2.06	14%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2192	2.2250	0.11000	2.4982	0.34331	0.14222	13	-0.80	5%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0345	2.2500	0.10000	2.4982	0.34331	0.14222	13	-0.72	5%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2109	2.2550	0.07000	2.4982	0.34331	0.14222	13	-0.71	5%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2190	2.2700	0.28000	2.4982	0.34331	0.14222	13	-0.66	5%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2053	2.3350	0.13000	2.4982	0.34331	0.14222	13	-0.48	3%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0175	2.5600	0.22000	2.4982	0.34331	0.14222	13	0.18	1%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0596	2.5850	0.01000	2.4982	0.34331	0.14222	13	0.25	2%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0653	2.6450	0.07000	2.4982	0.34331	0.14222	13	0.43	3%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2126	2.6850	0.15000	2.4982	0.34331	0.14222	13	0.54	4%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0152	2.8200	0.24000	2.4982	0.34331	0.14222	13	0.94	6%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0017	2.8500	0.10000	2.4982	0.34331	0.14222	13	1.02	7%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0309	3.0225	0.18890	2.4982	0.34331	0.14222	13	1.53	10%	0
003.01	Fat, Crude, Diethyl Ether Ext (13th ed.), Indirect (%)	0504	2.2200	0.28000				1			0
003.06	Fat, Crude, Pet Ether (%)	2181	1.7900	0.22000	2.3413	0.31991	0.12873	15	-1.72	12%	0
003.06	Fat, Crude, Pet Ether (%)	0294	1.9250	0.09000	2.3413	0.31991	0.12873	15	-1.30	9%	0
003.06	Fat, Crude, Pet Ether (%)	0169	2.0650	0.01000	2.3413	0.31991	0.12873	15	-0.86	6%	0
003.06	Fat, Crude, Pet Ether (%)	0083	2.1650	0.07000	2.3413	0.31991	0.12873	15	-0.55	4%	0
003.06	Fat, Crude, Pet Ether (%)	0689	2.2500	0.10000	2.3413	0.31991	0.12873	15	-0.29	2%	0
003.06	Fat, Crude, Pet Ether (%)	0849	2.2780	0.08400	2.3413	0.31991	0.12873	15	-0.20	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			
003.06	Fat, Crude, Pet Ether (%)	0229	2.2865	0.04900	2.3413	0.31991	0.12873	15	-0.17	1%	0
003.06	Fat, Crude, Pet Ether (%)	0511	2.2900	0.18000	2.3413	0.31991	0.12873	15	-0.16	1%	0
003.06	Fat, Crude, Pet Ether (%)	0918	2.3850	0.09000	2.3413	0.31991	0.12873	15	0.14	1%	0
003.06	Fat, Crude, Pet Ether (%)	0644	2.4020	0.09800	2.3413	0.31991	0.12873	15	0.19	1%	0
003.06	Fat, Crude, Pet Ether (%)	0910	2.4350	0.27000	2.3413	0.31991	0.12873	15	0.29	2%	0
003.06	Fat, Crude, Pet Ether (%)	0884	2.5000	0.20000	2.3413	0.31991	0.12873	15	0.50	3%	0
003.06	Fat, Crude, Pet Ether (%)	0164	2.6350	0.11000	2.3413	0.31991	0.12873	15	0.92	6%	0
003.06	Fat, Crude, Pet Ether (%)	0687	2.8200	0.36000	2.3413	0.31991	0.12873	15	1.50	10%	0
003.06	Fat, Crude, Pet Ether (%)	0682	3.0000	0.00000	2.3413	0.31991	0.12873	15	2.06	14%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	2012	2.1150	0.05000	2.4680	0.30794	0.08325	17	-1.15	7%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0027	2.1245	0.00300	2.4680	0.30794	0.08325	17	-1.12	7%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0638	2.1750	0.05000	2.4680	0.30794	0.08325	17	-0.95	6%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0004	2.2350	0.29000	2.4680	0.30794	0.08325	17	-0.76	5%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0948	2.2700	0.02000	2.4680	0.30794	0.08325	17	-0.64	4%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0674	2.2800	0.00000	2.4680	0.30794	0.08325	17	-0.61	4%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0098	2.3050	0.17000	2.4680	0.30794	0.08325	17	-0.53	3%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0675	2.3100	0.10000	2.4680	0.30794	0.08325	17	-0.51	3%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0038	2.4700	0.14000	2.4680	0.30794	0.08325	17	0.01	0%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0354	2.4950	0.03000	2.4680	0.30794	0.08325	17	0.09	1%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0630	2.5300	0.00000	2.4680	0.30794	0.08325	17	0.20	1%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0226	2.6000	0.20000	2.4680	0.30794	0.08325	17	0.43	3%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0685	2.6050	0.09000	2.4680	0.30794	0.08325	17	0.45	3%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0353	2.7700	0.08000	2.4680	0.30794	0.08325	17	0.98	6%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0722	2.8410	0.02890	2.4680	0.30794	0.08325	17	1.21	8%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0510	2.9000	0.00000	2.4680	0.30794	0.08325	17	1.40	9%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0870	2.9657	0.16330	2.4680	0.30794	0.08325	17	1.62	10%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0042	1.5250	0.23000	2.1839	0.25430	0.10710	32	-2.59	15%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0897	1.7050	0.03000	2.1839	0.25430	0.10710	32	-1.88	11%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2155	1.7500	0.50000	2.1839	0.25430	0.10710	32	-1.71	10%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0298	1.8600	0.02000	2.1839	0.25430	0.10710	32	-1.27	7%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0952	1.9500	0.08000	2.1839	0.25430	0.10710	32	-0.92	5%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0553	1.9550	0.07000	2.1839	0.25430	0.10710	32	-0.90	5%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0036	2.0271	0.03080	2.1839	0.25430	0.10710	32	-0.62	4%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0045	2.0650	0.01000	2.1839	0.25430	0.10710	32	-0.47	3%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0861	2.0800	0.06000	2.1839	0.25430	0.10710	32	-0.41	2%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2195	2.0850	0.05000	2.1839	0.25430	0.10710	32	-0.39	2%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2009	2.0883	0.00250	2.1839	0.25430	0.10710	32	-0.38	2%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0619	2.0900	0.22000	2.1839	0.25430	0.10710	32	-0.37	2%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0868	2.0900	0.00000	2.1839	0.25430	0.10710	32	-0.37	2%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0100	2.1100	0.16000	2.1839	0.25430	0.10710	32	-0.29	2%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0098	2.1300	0.16000	2.1839	0.25430	0.10710	32	-0.21	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2022	2.1550	0.01000	2.1839	0.25430	0.10710	32	-0.11	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	
003.10	Fat, Crude, Randall, Pet Ether (%)	0870	2.1604	0.01500	2.1839	0.25430	0.10710	32	-0.09	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0881	2.1725	0.00300	2.1839	0.25430	0.10710	32	-0.04	0%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0541	2.2100	0.28000	2.1839	0.25430	0.10710	32	0.10	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2196	2.2600	0.00000	2.1839	0.25430	0.10710	32	0.30	2%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0693	2.2650	0.41000	2.1839	0.25430	0.10710	32	0.32	2%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0695	2.2750	0.00000	2.1839	0.25430	0.10710	32	0.36	2%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2073	2.2850	0.33000	2.1839	0.25430	0.10710	32	0.40	2%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2188	2.3100	0.02000	2.1839	0.25430	0.10710	32	0.50	3%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0242	2.3500	0.06000	2.1839	0.25430	0.10710	32	0.65	4%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0689	2.4000	0.00000	2.1839	0.25430	0.10710	32	0.85	5%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2193	2.4000	0.00000	2.1839	0.25430	0.10710	32	0.85	5%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0889	2.4500	0.38000	2.1839	0.25430	0.10710	32	1.05	6%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0651	2.5570	0.00400	2.1839	0.25430	0.10710	32	1.47	9%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0233	2.8200	0.12000	2.1839	0.25430	0.10710	32	2.50	15%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0618	2.8950	0.11200	2.1839	0.25430	0.10710	32	2.80	16%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0676	3.9200	0.06000	2.1839	0.25430	0.10710	32	6.83	40%	0
003.11	Fat, Crude, NIR (%)	0889	1.2300	0.10000	2.1667	0.94958	0.06777	6	-0.99	22%	0
003.11	Fat, Crude, NIR (%)	2105	1.4200	0.12000	2.1667	0.94958	0.06777	6	-0.79	17%	0
003.11	Fat, Crude, NIR (%)	2128	1.9000	0.14660	2.1667	0.94958	0.06777	6	-0.28	6%	0
003.11	Fat, Crude, NIR (%)	0405	2.2200	0.00000	2.1667	0.94958	0.06777	6	0.06	1%	0
003.11	Fat, Crude, NIR (%)	0011	2.8000	0.00000	2.1667	0.94958	0.06777	6	0.67	15%	0
003.11	Fat, Crude, NIR (%)	0852	3.4300	0.04000	2.1667	0.94958	0.06777	6	1.33	29%	0
003.12	Fat, Crude, Hexane Ext (%)	0011	1.9650	0.07000	2.3830	0.38139	0.14600	5			0
003.12	Fat, Crude, Hexane Ext (%)	0895	2.1050	0.01000	2.3830	0.38139	0.14600	5			0
003.12	Fat, Crude, Hexane Ext (%)	0171	2.4450	0.05000	2.3830	0.38139	0.14600	5			0
003.12	Fat, Crude, Hexane Ext (%)	2200	2.4500	0.30000	2.3830	0.38139	0.14600	5			0
003.12	Fat, Crude, Hexane Ext (%)	2199	2.9500	0.30000	2.3830	0.38139	0.14600	5			0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	0033	2.1100	0.16000	2.3211	0.23028	0.05702	9	-0.92	5%	0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	0187	2.1200	0.02000	2.3211	0.23028	0.05702	9	-0.87	4%	0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	0205	2.1905	0.01500	2.3211	0.23028	0.05702	9	-0.57	3%	0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	0098	2.1950	0.09000	2.3211	0.23028	0.05702	9	-0.55	3%	0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	0208	2.2150	0.07000	2.3211	0.23028	0.05702	9	-0.46	2%	0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	2006	2.3550	0.11000	2.3211	0.23028	0.05702	9	0.15	1%	0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	0870	2.4798	0.01820	2.3211	0.23028	0.05702	9	0.69	3%	0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	0123	2.5650	0.01000	2.3211	0.23028	0.05702	9	1.06	5%	0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	0646	2.6600	0.02000	2.3211	0.23028	0.05702	9	1.47	7%	0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	2089	1.5350	0.75000	2.3211	0.23028	0.05702	9	-3.41	17%	1
003.14	Fat, Crude, Ankom (%)	0357	0.80000	0.00000	2.1009	0.31400	0.11241	46	-4.14	31%	0
003.14	Fat, Crude, Ankom (%)	2129	1.1495	0.00100	2.1009	0.31400	0.11241	46	-3.03	23%	0
003.14	Fat, Crude, Ankom (%)	0358	1.4600	0.00000	2.1009	0.31400	0.11241	46	-2.04	15%	0
003.14	Fat, Crude, Ankom (%)	0175	1.5500	0.02000	2.1009	0.31400	0.11241	46	-1.75	13%	0
003.14	Fat, Crude, Ankom (%)	0581	1.6550	0.17000	2.1009	0.31400	0.11241	46	-1.42	11%	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 (%)	0019	1.7050	0.11000	2.1009	0.31400	0.11241	46	-1.26	9%	0
003.14	Fat, Crude, Ankom (%)	0034	1.7600	0.04000	2.1009	0.31400	0.11241	46	-1.09	8%	0
003.14	Fat, Crude, Ankom (%)	0037	1.7900	0.14000	2.1009	0.31400	0.11241	46	-0.99	7%	0
003.14	Fat, Crude, Ankom (%)	0144	1.8450	0.01000	2.1009	0.31400	0.11241	46	-0.81	6%	0
003.14	Fat, Crude, Ankom (%)	0876	1.8650	0.27000	2.1009	0.31400	0.11241	46	-0.75	6%	0
003.14	Fat, Crude, Ankom (%)	0868	1.8850	0.05000	2.1009	0.31400	0.11241	46	-0.69	5%	0
003.14	Fat, Crude, Ankom (%)	0860	1.9200	0.00000	2.1009	0.31400	0.11241	46	-0.58	4%	0
003.14	Fat, Crude, Ankom (%)	0878	1.9550	0.01000	2.1009	0.31400	0.11241	46	-0.46	3%	0
003.14	Fat, Crude, Ankom (%)	0574	1.9650	0.07000	2.1009	0.31400	0.11241	46	-0.43	3%	0
003.14	Fat, Crude, Ankom (%)	0598	1.9950	0.25000	2.1009	0.31400	0.11241	46	-0.34	3%	0
003.14	Fat, Crude, Ankom (%)	0956	2.0000	0.00000	2.1009	0.31400	0.11241	46	-0.32	2%	0
003.14	Fat, Crude, Ankom (%)	0003	2.0400	0.24000	2.1009	0.31400	0.11241	46	-0.19	1%	0
003.14	Fat, Crude, Ankom (%)	0505	2.0400	0.16000	2.1009	0.31400	0.11241	46	-0.19	1%	0
003.14	Fat, Crude, Ankom (%)	0843	2.0400	0.18000	2.1009	0.31400	0.11241	46	-0.19	1%	0
003.14	Fat, Crude, Ankom (%)	0186	2.0500	0.14000	2.1009	0.31400	0.11241	46	-0.16	1%	0
003.14	Fat, Crude, Ankom (%)	0278	2.0500	0.10000	2.1009	0.31400	0.11241	46	-0.16	1%	0
003.14	Fat, Crude, Ankom (%)	0939	2.0600	0.08000	2.1009	0.31400	0.11241	46	-0.13	1%	0
003.14	Fat, Crude, Ankom (%)	0265	2.0900	0.12000	2.1009	0.31400	0.11241	46	-0.03	0%	0
003.14	Fat, Crude, Ankom (%)	0407	2.0929	0.17890	2.1009	0.31400	0.11241	46	-0.03	0%	0
003.14	Fat, Crude, Ankom (%)	0520	2.1150	0.05000	2.1009	0.31400	0.11241	46	0.05	0%	0
003.14	Fat, Crude, Ankom (%)	0089	2.1350	0.01000	2.1009	0.31400	0.11241	46	0.11	1%	0
003.14	Fat, Crude, Ankom (%)	0948	2.1400	0.02000	2.1009	0.31400	0.11241	46	0.12	1%	0
003.14	Fat, Crude, Ankom (%)	0853	2.1500	0.10000	2.1009	0.31400	0.11241	46	0.16	1%	0
003.14	Fat, Crude, Ankom (%)	0001	2.1700	0.12200	2.1009	0.31400	0.11241	46	0.22	2%	0
003.14	Fat, Crude, Ankom (%)	0202	2.1800	0.02000	2.1009	0.31400	0.11241	46	0.25	2%	0
003.14	Fat, Crude, Ankom (%)	2146	2.2000	0.06000	2.1009	0.31400	0.11241	46	0.32	2%	0
003.14	Fat, Crude, Ankom (%)	0682	2.2200	0.00000	2.1009	0.31400	0.11241	46	0.38	3%	0
003.14	Fat, Crude, Ankom (%)	0066	2.2765	0.19700	2.1009	0.31400	0.11241	46	0.56	4%	0
003.14	Fat, Crude, Ankom (%)	0004	2.2900	0.26000	2.1009	0.31400	0.11241	46	0.60	5%	0
003.14	Fat, Crude, Ankom (%)	0229	2.3030	0.06800	2.1009	0.31400	0.11241	46	0.64	5%	0
003.14	Fat, Crude, Ankom (%)	0049	2.3050	0.31000	2.1009	0.31400	0.11241	46	0.65	5%	0
003.14	Fat, Crude, Ankom (%)	0619	2.3700	0.08000	2.1009	0.31400	0.11241	46	0.86	6%	0
003.14	Fat, Crude, Ankom (%)	0955	2.3700	0.10000	2.1009	0.31400	0.11241	46	0.86	6%	0
003.14	Fat, Crude, Ankom (%)	0968	2.4020	0.11400	2.1009	0.31400	0.11241	46	0.96	7%	0
003.14	Fat, Crude, Ankom (%)	0074	2.4250	0.29000	2.1009	0.31400	0.11241	46	1.03	8%	0
003.14	Fat, Crude, Ankom (%)	0148	2.5000	0.00000	2.1009	0.31400	0.11241	46	1.27	9%	0
003.14	Fat, Crude, Ankom (%)	0009	2.5200	0.12000	2.1009	0.31400	0.11241	46	1.33	10%	0
003.14	Fat, Crude, Ankom (%)	0108	2.5300	0.40000	2.1009	0.31400	0.11241	46	1.37	10%	0
003.14	Fat, Crude, Ankom (%)	2075	2.6150	0.11000	2.1009	0.31400	0.11241	46	1.64	12%	0
003.14	Fat, Crude, Ankom (%)	0413	2.6500	0.30000	2.1009	0.31400	0.11241	46	1.75	13%	0
003.14	Fat, Crude, Ankom (%)	0190	2.8200	0.10000	2.1009	0.31400	0.11241	46	2.29	17%	0
003.99	Fat, Crude, Miscellaneous (%)	0536	1.9850	0.05000	2.4713	0.44973	0.04750	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			
003.99	Fat, Crude, Miscellaneous (%)	0662	2.3400	0.04000	2.4713	0.44973	0.04750	4			0
003.99	Fat, Crude, Miscellaneous (%)	0941	2.4950	0.07000	2.4713	0.44973	0.04750	4			0
003.99	Fat, Crude, Miscellaneous (%)	2144	3.0650	0.03000	2.4713	0.44973	0.04750	4			0
003.99	Fat, Crude, Miscellaneous (%)	0880	1.1500	0.30000	2.4713	0.44973	0.04750	4			1
004.00	Fiber, Crude, Asbestos Free (%)	0298	17.300	0.02000	18.097	0.81522	0.41240	15	-0.98	2%	0
004.00	Fiber, Crude, Asbestos Free (%)	0354	17.305	0.35000	18.097	0.81522	0.41240	15	-0.97	2%	0
004.00	Fiber, Crude, Asbestos Free (%)	0345	17.350	0.50000	18.097	0.81522	0.41240	15	-0.92	2%	0
004.00	Fiber, Crude, Asbestos Free (%)	0884	17.400	0.40000	18.097	0.81522	0.41240	15	-0.86	2%	0
004.00	Fiber, Crude, Asbestos Free (%)	0175	17.550	0.10000	18.097	0.81522	0.41240	15	-0.67	2%	0
004.00	Fiber, Crude, Asbestos Free (%)	0169	17.860	0.68000	18.097	0.81522	0.41240	15	-0.29	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	0309	17.896	0.43600	18.097	0.81522	0.41240	15	-0.25	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	0171	17.970	1.2600	18.097	0.81522	0.41240	15	-0.16	0%	0
004.00	Fiber, Crude, Asbestos Free (%)	0425	18.000	0.20000	18.097	0.81522	0.41240	15	-0.12	0%	0
004.00	Fiber, Crude, Asbestos Free (%)	2073	18.140	0.18000	18.097	0.81522	0.41240	15	0.05	0%	0
004.00	Fiber, Crude, Asbestos Free (%)	0164	18.400	0.20000	18.097	0.81522	0.41240	15	0.37	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	0208	18.400	0.00000	18.097	0.81522	0.41240	15	0.37	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	0511	19.250	0.50000	18.097	0.81522	0.41240	15	1.41	3%	0
004.00	Fiber, Crude, Asbestos Free (%)	0226	20.185	0.17000	18.097	0.81522	0.41240	15	2.56	6%	0
004.00	Fiber, Crude, Asbestos Free (%)	0504	21.605	1.1900	18.097	0.81522	0.41240	15	4.30	10%	0
004.03	Fiber, Crude, Fritted Glass (%)	2089	13.845	0.19000	17.282	2.2096	0.38300	5			0
004.03	Fiber, Crude, Fritted Glass (%)	2190	17.175	0.39000	17.282	2.2096	0.38300	5			0
004.03	Fiber, Crude, Fritted Glass (%)	0353	17.320	0.08000	17.282	2.2096	0.38300	5			0
004.03	Fiber, Crude, Fritted Glass (%)	2192	18.155	0.99000	17.282	2.2096	0.38300	5			0
004.03	Fiber, Crude, Fritted Glass (%)	0693	19.917	0.26500	17.282	2.2096	0.38300	5			0
004.06	Fiber, Crude, Fibertec (%)	0897	16.410	0.02000	17.661	0.64172	0.15570	22	-1.95	4%	0
004.06	Fiber, Crude, Fibertec (%)	2006	16.540	0.00000	17.661	0.64172	0.15570	22	-1.75	3%	0
004.06	Fiber, Crude, Fibertec (%)	0098	16.810	0.44000	17.661	0.64172	0.15570	22	-1.33	2%	0
004.06	Fiber, Crude, Fibertec (%)	0205	17.200	0.00000	17.661	0.64172	0.15570	22	-0.72	1%	0
004.06	Fiber, Crude, Fibertec (%)	0689	17.200	0.20000	17.661	0.64172	0.15570	22	-0.72	1%	0
004.06	Fiber, Crude, Fibertec (%)	0895	17.235	0.01000	17.661	0.64172	0.15570	22	-0.66	1%	0
004.06	Fiber, Crude, Fibertec (%)	0860	17.370	0.00000	17.661	0.64172	0.15570	22	-0.45	1%	0
004.06	Fiber, Crude, Fibertec (%)	0722	17.410	0.06940	17.661	0.64172	0.15570	22	-0.39	1%	0
004.06	Fiber, Crude, Fibertec (%)	0590	17.475	0.39000	17.661	0.64172	0.15570	22	-0.29	1%	0
004.06	Fiber, Crude, Fibertec (%)	0918	17.485	0.27000	17.661	0.64172	0.15570	22	-0.27	0%	0
004.06	Fiber, Crude, Fibertec (%)	2022	17.550	0.14000	17.661	0.64172	0.15570	22	-0.17	0%	0
004.06	Fiber, Crude, Fibertec (%)	0027	17.680	0.06100	17.661	0.64172	0.15570	22	0.03	0%	0
004.06	Fiber, Crude, Fibertec (%)	0881	17.745	0.03900	17.661	0.64172	0.15570	22	0.13	0%	0
004.06	Fiber, Crude, Fibertec (%)	0968	17.817	0.09600	17.661	0.64172	0.15570	22	0.24	0%	0
004.06	Fiber, Crude, Fibertec (%)	0948	17.975	0.29000	17.661	0.64172	0.15570	22	0.49	1%	0
004.06	Fiber, Crude, Fibertec (%)	0952	18.080	0.06000	17.661	0.64172	0.15570	22	0.65	1%	0
004.06	Fiber, Crude, Fibertec (%)	0868	18.130	0.00000	17.661	0.64172	0.15570	22	0.73	1%	0
004.06	Fiber, Crude, Fibertec (%)	0878	18.235	0.37000	17.661	0.64172	0.15570	22	0.89	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	
004.06	Fiber, Crude, Fibertec (%)	0674	18.270	0.00000	17.661	0.64172	0.15570	22	0.95	2%	0
004.06	Fiber, Crude, Fibertec (%)	0941	18.450	0.30000	17.661	0.64172	0.15570	22	1.23	2%	0
004.06	Fiber, Crude, Fibertec (%)	2200	18.500	0.40000	17.661	0.64172	0.15570	22	1.31	2%	0
004.06	Fiber, Crude, Fibertec (%)	0675	18.535	0.27000	17.661	0.64172	0.15570	22	1.36	2%	0
004.06	Fiber, Crude, Fibertec (%)	0638	19.150	2.1000	17.661	0.64172	0.15570	22	2.32	4%	1
004.06	Fiber, Crude, Fibertec (%)	0676	0.62000	0.12000	17.661	0.64172	0.15570	22	-26.56	48%	2
004.07	Fiber, Crude, ANKOM (%)	2012	15.740	0.14000	18.052	1.5858	0.41689	63	-1.46	6%	0
004.07	Fiber, Crude, ANKOM (%)	0510	15.750	0.10000	18.052	1.5858	0.41689	63	-1.45	6%	0
004.07	Fiber, Crude, ANKOM (%)	0505	15.790	0.14000	18.052	1.5858	0.41689	63	-1.43	6%	0
004.07	Fiber, Crude, ANKOM (%)	0265	15.800	0.80000	18.052	1.5858	0.41689	63	-1.42	6%	0
004.07	Fiber, Crude, ANKOM (%)	0682	15.800	0.00000	18.052	1.5858	0.41689	63	-1.42	6%	0
004.07	Fiber, Crude, ANKOM (%)	0123	16.020	0.08000	18.052	1.5858	0.41689	63	-1.28	6%	0
004.07	Fiber, Crude, ANKOM (%)	2193	16.115	0.03000	18.052	1.5858	0.41689	63	-1.22	5%	0
004.07	Fiber, Crude, ANKOM (%)	2109	16.220	0.64000	18.052	1.5858	0.41689	63	-1.16	5%	0
004.07	Fiber, Crude, ANKOM (%)	0004	16.280	0.90000	18.052	1.5858	0.41689	63	-1.12	5%	0
004.07	Fiber, Crude, ANKOM (%)	0098	16.320	0.86000	18.052	1.5858	0.41689	63	-1.09	5%	0
004.07	Fiber, Crude, ANKOM (%)	0407	16.518	0.29380	18.052	1.5858	0.41689	63	-0.97	4%	0
004.07	Fiber, Crude, ANKOM (%)	0413	16.650	0.70000	18.052	1.5858	0.41689	63	-0.88	4%	0
004.07	Fiber, Crude, ANKOM (%)	0028	16.700	0.40000	18.052	1.5858	0.41689	63	-0.85	4%	0
004.07	Fiber, Crude, ANKOM (%)	0202	16.725	0.11000	18.052	1.5858	0.41689	63	-0.84	4%	0
004.07	Fiber, Crude, ANKOM (%)	0035	16.730	0.98000	18.052	1.5858	0.41689	63	-0.83	4%	0
004.07	Fiber, Crude, ANKOM (%)	0870	16.757	0.01330	18.052	1.5858	0.41689	63	-0.82	4%	0
004.07	Fiber, Crude, ANKOM (%)	0619	16.900	0.40000	18.052	1.5858	0.41689	63	-0.73	3%	0
004.07	Fiber, Crude, ANKOM (%)	0939	17.300	0.46000	18.052	1.5858	0.41689	63	-0.47	2%	0
004.07	Fiber, Crude, ANKOM (%)	2188	17.325	0.09000	18.052	1.5858	0.41689	63	-0.46	2%	0
004.07	Fiber, Crude, ANKOM (%)	0190	17.350	0.10000	18.052	1.5858	0.41689	63	-0.44	2%	0
004.07	Fiber, Crude, ANKOM (%)	0229	17.400	0.50000	18.052	1.5858	0.41689	63	-0.41	2%	0
004.07	Fiber, Crude, ANKOM (%)	0354	17.450	0.02000	18.052	1.5858	0.41689	63	-0.38	2%	0
004.07	Fiber, Crude, ANKOM (%)	0100	17.465	0.75000	18.052	1.5858	0.41689	63	-0.37	2%	0
004.07	Fiber, Crude, ANKOM (%)	2190	17.490	0.06000	18.052	1.5858	0.41689	63	-0.35	2%	0
004.07	Fiber, Crude, ANKOM (%)	0644	17.632	1.2880	18.052	1.5858	0.41689	63	-0.26	1%	0
004.07	Fiber, Crude, ANKOM (%)	2146	17.820	0.54000	18.052	1.5858	0.41689	63	-0.15	1%	0
004.07	Fiber, Crude, ANKOM (%)	0849	17.850	0.70000	18.052	1.5858	0.41689	63	-0.13	1%	0
004.07	Fiber, Crude, ANKOM (%)	2181	17.855	0.23000	18.052	1.5858	0.41689	63	-0.12	1%	0
004.07	Fiber, Crude, ANKOM (%)	2009	17.893	0.02490	18.052	1.5858	0.41689	63	-0.10	0%	0
004.07	Fiber, Crude, ANKOM (%)	0968	17.909	0.05100	18.052	1.5858	0.41689	63	-0.09	0%	0
004.07	Fiber, Crude, ANKOM (%)	0948	17.920	0.36000	18.052	1.5858	0.41689	63	-0.08	0%	0
004.07	Fiber, Crude, ANKOM (%)	0581	18.085	0.11000	18.052	1.5858	0.41689	63	0.02	0%	0
004.07	Fiber, Crude, ANKOM (%)	0596	18.120	1.0000	18.052	1.5858	0.41689	63	0.04	0%	0
004.07	Fiber, Crude, ANKOM (%)	0910	18.200	0.40000	18.052	1.5858	0.41689	63	0.09	0%	0
004.07	Fiber, Crude, ANKOM (%)	0278	18.250	0.10000	18.052	1.5858	0.41689	63	0.12	1%	0
004.07	Fiber, Crude, ANKOM (%)	2196	18.290	0.00000	18.052	1.5858	0.41689	63	0.15	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
004.07	Fiber, Crude, ANKOM (%)	0009	18.320	0.44000	18.052	1.5858	0.41689	63	0.17	1%	0
004.07	Fiber, Crude, ANKOM (%)	0956	18.350	0.50000	18.052	1.5858	0.41689	63	0.19	1%	0
004.07	Fiber, Crude, ANKOM (%)	0074	18.440	0.76000	18.052	1.5858	0.41689	63	0.24	1%	0
004.07	Fiber, Crude, ANKOM (%)	0876	18.595	0.01000	18.052	1.5858	0.41689	63	0.34	2%	0
004.07	Fiber, Crude, ANKOM (%)	0955	18.650	1.1000	18.052	1.5858	0.41689	63	0.38	2%	0
004.07	Fiber, Crude, ANKOM (%)	0294	18.700	0.00000	18.052	1.5858	0.41689	63	0.41	2%	0
004.07	Fiber, Crude, ANKOM (%)	0598	18.715	0.89000	18.052	1.5858	0.41689	63	0.42	2%	0
004.07	Fiber, Crude, ANKOM (%)	0034	18.770	0.92000	18.052	1.5858	0.41689	63	0.45	2%	0
004.07	Fiber, Crude, ANKOM (%)	0536	18.805	0.13000	18.052	1.5858	0.41689	63	0.47	2%	0
004.07	Fiber, Crude, ANKOM (%)	0653	18.840	0.38000	18.052	1.5858	0.41689	63	0.50	2%	0
004.07	Fiber, Crude, ANKOM (%)	0066	18.856	0.30300	18.052	1.5858	0.41689	63	0.51	2%	0
004.07	Fiber, Crude, ANKOM (%)	0553	18.910	0.74000	18.052	1.5858	0.41689	63	0.54	2%	0
004.07	Fiber, Crude, ANKOM (%)	0083	19.030	0.42000	18.052	1.5858	0.41689	63	0.62	3%	0
004.07	Fiber, Crude, ANKOM (%)	2053	19.155	0.05000	18.052	1.5858	0.41689	63	0.70	3%	0
004.07	Fiber, Crude, ANKOM (%)	0708	19.185	0.07000	18.052	1.5858	0.41689	63	0.71	3%	0
004.07	Fiber, Crude, ANKOM (%)	0861	19.395	0.27000	18.052	1.5858	0.41689	63	0.85	4%	0
004.07	Fiber, Crude, ANKOM (%)	0019	19.670	0.88000	18.052	1.5858	0.41689	63	1.02	4%	0
004.07	Fiber, Crude, ANKOM (%)	0643	19.720	0.24000	18.052	1.5858	0.41689	63	1.05	5%	0
004.07	Fiber, Crude, ANKOM (%)	0089	19.730	0.24000	18.052	1.5858	0.41689	63	1.06	5%	0
004.07	Fiber, Crude, ANKOM (%)	0032	20.080	1.4000	18.052	1.5858	0.41689	63	1.28	6%	0
004.07	Fiber, Crude, ANKOM (%)	0646	20.360	0.10000	18.052	1.5858	0.41689	63	1.46	6%	0
004.07	Fiber, Crude, ANKOM (%)	0242	20.450	0.18000	18.052	1.5858	0.41689	63	1.51	7%	0
004.07	Fiber, Crude, ANKOM (%)	0144	20.570	0.30000	18.052	1.5858	0.41689	63	1.59	7%	0
004.07	Fiber, Crude, ANKOM (%)	0045	20.750	0.50000	18.052	1.5858	0.41689	63	1.70	7%	0
004.07	Fiber, Crude, ANKOM (%)	0520	21.350	1.7000	18.052	1.5858	0.41689	63	2.08	9%	0
004.07	Fiber, Crude, ANKOM (%)	0626	21.670	0.02000	18.052	1.5858	0.41689	63	2.28	10%	0
004.07	Fiber, Crude, ANKOM (%)	2195	28.305	0.35000	18.052	1.5858	0.41689	63	6.47	28%	0
004.07	Fiber, Crude, ANKOM (%)	0003	19.060	1.9600	18.052	1.5858	0.41689	63	0.64	3%	1
004.11	Fiber, Crude, NIR (%)	0011	16.900	0.00000	18.960	2.8524	0.27980	5			0
004.11	Fiber, Crude, NIR (%)	0405	17.020	0.00000	18.960	2.8524	0.27980	5			0
004.11	Fiber, Crude, NIR (%)	2128	18.177	0.70900	18.960	2.8524	0.27980	5			0
004.11	Fiber, Crude, NIR (%)	0852	18.855	0.31000	18.960	2.8524	0.27980	5			0
004.11	Fiber, Crude, NIR (%)	2105	23.850	0.38000	18.960	2.8524	0.27980	5			0
004.99	Fiber, Crude, Miscellaneous (%)	2146	15.680	0.56000	16.942	1.3099	0.32333	6	-0.96	4%	0
004.99	Fiber, Crude, Miscellaneous (%)	2145	15.975	0.11000	16.942	1.3099	0.32333	6	-0.74	3%	0
004.99	Fiber, Crude, Miscellaneous (%)	2144	16.795	0.13000	16.942	1.3099	0.32333	6	-0.11	0%	0
004.99	Fiber, Crude, Miscellaneous (%)	0610	16.850	0.50000	16.942	1.3099	0.32333	6	-0.07	0%	0
004.99	Fiber, Crude, Miscellaneous (%)	2126	17.445	0.15000	16.942	1.3099	0.32333	6	0.38	1%	0
004.99	Fiber, Crude, Miscellaneous (%)	2129	19.635	0.49000	16.942	1.3099	0.32333	6	2.06	8%	0
005.00	Ash, 2h @ 600°C (%)	0164	15.400	0.40000	16.792	0.45496	0.18037	94	-3.06	4%	0
005.00	Ash, 2h @ 600°C (%)	0964	15.871	0.22000	16.792	0.45496	0.18037	94	-2.02	3%	0
005.00	Ash, 2h @ 600°C (%)	0169	15.910	0.10000	16.792	0.45496	0.18037	94	-1.94	3%	0

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005.00	Ash, 2h @ 600°C (%)	2200	15.950	0.50000	16.792	0.45496	0.18037	94	-1.85	3%	0
005.00	Ash, 2h @ 600°C (%)	0511	16.005	0.31000	16.792	0.45496	0.18037	94	-1.73	2%	0
005.00	Ash, 2h @ 600°C (%)	0278	16.020	0.02000	16.792	0.45496	0.18037	94	-1.70	2%	0
005.00	Ash, 2h @ 600°C (%)	0357	16.100	0.20000	16.792	0.45496	0.18037	94	-1.52	2%	0
005.00	Ash, 2h @ 600°C (%)	0650	16.195	0.27000	16.792	0.45496	0.18037	94	-1.31	2%	0
005.00	Ash, 2h @ 600°C (%)	0589	16.215	0.45000	16.792	0.45496	0.18037	94	-1.27	2%	0
005.00	Ash, 2h @ 600°C (%)	0622	16.229	0.01330	16.792	0.45496	0.18037	94	-1.24	2%	0
005.00	Ash, 2h @ 600°C (%)	0425	16.250	0.04000	16.792	0.45496	0.18037	94	-1.19	2%	0
005.00	Ash, 2h @ 600°C (%)	0208	16.300	0.00000	16.792	0.45496	0.18037	94	-1.08	1%	0
005.00	Ash, 2h @ 600°C (%)	2066	16.300	0.40000	16.792	0.45496	0.18037	94	-1.08	1%	0
005.00	Ash, 2h @ 600°C (%)	2073	16.305	0.01000	16.792	0.45496	0.18037	94	-1.07	1%	0
005.00	Ash, 2h @ 600°C (%)	0034	16.306	0.71800	16.792	0.45496	0.18037	94	-1.07	1%	0
005.00	Ash, 2h @ 600°C (%)	0539	16.335	0.15000	16.792	0.45496	0.18037	94	-1.00	1%	0
005.00	Ash, 2h @ 600°C (%)	0148	16.345	0.25000	16.792	0.45496	0.18037	94	-0.98	1%	0
005.00	Ash, 2h @ 600°C (%)	0019	16.400	0.60000	16.792	0.45496	0.18037	94	-0.86	1%	0
005.00	Ash, 2h @ 600°C (%)	0722	16.405	0.00150	16.792	0.45496	0.18037	94	-0.85	1%	0
005.00	Ash, 2h @ 600°C (%)	0682	16.440	0.00000	16.792	0.45496	0.18037	94	-0.77	1%	0
005.00	Ash, 2h @ 600°C (%)	0175	16.450	0.50000	16.792	0.45496	0.18037	94	-0.75	1%	0
005.00	Ash, 2h @ 600°C (%)	0186	16.450	0.30000	16.792	0.45496	0.18037	94	-0.75	1%	0
005.00	Ash, 2h @ 600°C (%)	0598	16.535	0.05000	16.792	0.45496	0.18037	94	-0.56	1%	0
005.00	Ash, 2h @ 600°C (%)	0541	16.540	0.22000	16.792	0.45496	0.18037	94	-0.55	1%	0
005.00	Ash, 2h @ 600°C (%)	2181	16.540	0.26000	16.792	0.45496	0.18037	94	-0.55	1%	0
005.00	Ash, 2h @ 600°C (%)	2199	16.550	0.10000	16.792	0.45496	0.18037	94	-0.53	1%	0
005.00	Ash, 2h @ 600°C (%)	0596	16.555	0.19000	16.792	0.45496	0.18037	94	-0.52	1%	0
005.00	Ash, 2h @ 600°C (%)	0651	16.555	0.01800	16.792	0.45496	0.18037	94	-0.52	1%	0
005.00	Ash, 2h @ 600°C (%)	0618	16.569	0.12100	16.792	0.45496	0.18037	94	-0.49	1%	0
005.00	Ash, 2h @ 600°C (%)	0520	16.585	0.21000	16.792	0.45496	0.18037	94	-0.45	1%	0
005.00	Ash, 2h @ 600°C (%)	0004	16.590	0.28000	16.792	0.45496	0.18037	94	-0.44	1%	0
005.00	Ash, 2h @ 600°C (%)	0693	16.595	0.35100	16.792	0.45496	0.18037	94	-0.43	1%	0
005.00	Ash, 2h @ 600°C (%)	0881	16.609	0.01000	16.792	0.45496	0.18037	94	-0.40	1%	0
005.00	Ash, 2h @ 600°C (%)	0918	16.625	0.09000	16.792	0.45496	0.18037	94	-0.37	0%	0
005.00	Ash, 2h @ 600°C (%)	2188	16.635	0.21000	16.792	0.45496	0.18037	94	-0.34	0%	0
005.00	Ash, 2h @ 600°C (%)	2022	16.645	0.01000	16.792	0.45496	0.18037	94	-0.32	0%	0
005.00	Ash, 2h @ 600°C (%)	0876	16.660	0.06000	16.792	0.45496	0.18037	94	-0.29	0%	0
005.00	Ash, 2h @ 600°C (%)	2053	16.665	0.19000	16.792	0.45496	0.18037	94	-0.28	0%	0
005.00	Ash, 2h @ 600°C (%)	0108	16.670	0.52000	16.792	0.45496	0.18037	94	-0.27	0%	0
005.00	Ash, 2h @ 600°C (%)	0098	16.675	0.27000	16.792	0.45496	0.18037	94	-0.26	0%	0
005.00	Ash, 2h @ 600°C (%)	0142	16.680	0.04000	16.792	0.45496	0.18037	94	-0.25	0%	0
005.00	Ash, 2h @ 600°C (%)	0049	16.690	0.50000	16.792	0.45496	0.18037	94	-0.22	0%	0
005.00	Ash, 2h @ 600°C (%)	0510	16.705	0.15000	16.792	0.45496	0.18037	94	-0.19	0%	0
005.00	Ash, 2h @ 600°C (%)	0675	16.710	0.08000	16.792	0.45496	0.18037	94	-0.18	0%	0
005.00	Ash, 2h @ 600°C (%)	0870	16.726	0.09390	16.792	0.45496	0.18037	94	-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	
005.00	Ash, 2h @ 600°C (%)	0861	16.740	0.18000	16.792	0.45496	0.18037	94	-0.11	0%	0
005.00	Ash, 2h @ 600°C (%)	0956	16.750	0.50000	16.792	0.45496	0.18037	94	-0.09	0%	0
005.00	Ash, 2h @ 600°C (%)	0205	16.760	0.02000	16.792	0.45496	0.18037	94	-0.07	0%	0
005.00	Ash, 2h @ 600°C (%)	0953	16.770	0.20000	16.792	0.45496	0.18037	94	-0.05	0%	0
005.00	Ash, 2h @ 600°C (%)	2150	16.780	0.22000	16.792	0.45496	0.18037	94	-0.03	0%	0
005.00	Ash, 2h @ 600°C (%)	2012	16.785	0.09000	16.792	0.45496	0.18037	94	-0.01	0%	0
005.00	Ash, 2h @ 600°C (%)	0027	16.812	0.23400	16.792	0.45496	0.18037	94	0.04	0%	0
005.00	Ash, 2h @ 600°C (%)	0042	16.820	0.22000	16.792	0.45496	0.18037	94	0.06	0%	0
005.00	Ash, 2h @ 600°C (%)	0100	16.845	0.21000	16.792	0.45496	0.18037	94	0.12	0%	0
005.00	Ash, 2h @ 600°C (%)	0033	16.850	0.10000	16.792	0.45496	0.18037	94	0.13	0%	0
005.00	Ash, 2h @ 600°C (%)	2089	16.860	0.22000	16.792	0.45496	0.18037	94	0.15	0%	0
005.00	Ash, 2h @ 600°C (%)	0358	16.890	0.14000	16.792	0.45496	0.18037	94	0.22	0%	0
005.00	Ash, 2h @ 600°C (%)	0653	16.925	0.03000	16.792	0.45496	0.18037	94	0.29	0%	0
005.00	Ash, 2h @ 600°C (%)	0229	16.930	0.28000	16.792	0.45496	0.18037	94	0.30	0%	0
005.00	Ash, 2h @ 600°C (%)	0035	16.980	0.10000	16.792	0.45496	0.18037	94	0.41	1%	0
005.00	Ash, 2h @ 600°C (%)	0504	17.025	0.39000	16.792	0.45496	0.18037	94	0.51	1%	0
005.00	Ash, 2h @ 600°C (%)	0646	17.030	0.32000	16.792	0.45496	0.18037	94	0.52	1%	0
005.00	Ash, 2h @ 600°C (%)	2193	17.030	0.12000	16.792	0.45496	0.18037	94	0.52	1%	0
005.00	Ash, 2h @ 600°C (%)	0001	17.053	0.03370	16.792	0.45496	0.18037	94	0.57	1%	0
005.00	Ash, 2h @ 600°C (%)	0874	17.060	0.36000	16.792	0.45496	0.18037	94	0.59	1%	0
005.00	Ash, 2h @ 600°C (%)	0354	17.095	0.05000	16.792	0.45496	0.18037	94	0.67	1%	0
005.00	Ash, 2h @ 600°C (%)	0505	17.095	0.01000	16.792	0.45496	0.18037	94	0.67	1%	0
005.00	Ash, 2h @ 600°C (%)	0298	17.100	0.02000	16.792	0.45496	0.18037	94	0.68	1%	0
005.00	Ash, 2h @ 600°C (%)	0880	17.100	0.20000	16.792	0.45496	0.18037	94	0.68	1%	0
005.00	Ash, 2h @ 600°C (%)	2006	17.110	0.04000	16.792	0.45496	0.18037	94	0.70	1%	0
005.00	Ash, 2h @ 600°C (%)	2196	17.130	0.00000	16.792	0.45496	0.18037	94	0.74	1%	0
005.00	Ash, 2h @ 600°C (%)	2195	17.130	0.02000	16.792	0.45496	0.18037	94	0.74	1%	0
005.00	Ash, 2h @ 600°C (%)	0407	17.140	0.03000	16.792	0.45496	0.18037	94	0.77	1%	0
005.00	Ash, 2h @ 600°C (%)	0265	17.150	0.10000	16.792	0.45496	0.18037	94	0.79	1%	0
005.00	Ash, 2h @ 600°C (%)	0553	17.155	0.15000	16.792	0.45496	0.18037	94	0.80	1%	0
005.00	Ash, 2h @ 600°C (%)	0674	17.160	0.00000	16.792	0.45496	0.18037	94	0.81	1%	0
005.00	Ash, 2h @ 600°C (%)	0968	17.165	0.37900	16.792	0.45496	0.18037	94	0.82	1%	0
005.00	Ash, 2h @ 600°C (%)	0948	17.170	0.04000	16.792	0.45496	0.18037	94	0.83	1%	0
005.00	Ash, 2h @ 600°C (%)	0083	17.180	0.12000	16.792	0.45496	0.18037	94	0.85	1%	0
005.00	Ash, 2h @ 600°C (%)	0144	17.185	0.01000	16.792	0.45496	0.18037	94	0.86	1%	0
005.00	Ash, 2h @ 600°C (%)	0045	17.200	0.40000	16.792	0.45496	0.18037	94	0.90	1%	0
005.00	Ash, 2h @ 600°C (%)	0853	17.200	0.40000	16.792	0.45496	0.18037	94	0.90	1%	0
005.00	Ash, 2h @ 600°C (%)	0353	17.210	0.16000	16.792	0.45496	0.18037	94	0.92	1%	0
005.00	Ash, 2h @ 600°C (%)	0581	17.300	0.06000	16.792	0.45496	0.18037	94	1.12	2%	0
005.00	Ash, 2h @ 600°C (%)	0242	17.530	0.18000	16.792	0.45496	0.18037	94	1.62	2%	0
005.00	Ash, 2h @ 600°C (%)	0226	17.550	0.10000	16.792	0.45496	0.18037	94	1.67	2%	0
005.00	Ash, 2h @ 600°C (%)	0630	17.570	0.18000	16.792	0.45496	0.18037	94	1.71	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	
005.00	Ash, 2h @ 600°C (%)	0123	17.600	0.00000	16.792	0.45496	0.18037	94	1.78	2%	0
005.00	Ash, 2h @ 600°C (%)	0643	17.635	0.33000	16.792	0.45496	0.18037	94	1.85	3%	0
005.00	Ash, 2h @ 600°C (%)	0345	17.650	0.10000	16.792	0.45496	0.18037	94	1.89	3%	0
005.00	Ash, 2h @ 600°C (%)	0139	17.695	0.17000	16.792	0.45496	0.18037	94	1.99	3%	0
005.00	Ash, 2h @ 600°C (%)	2097	17.738	0.03530	16.792	0.45496	0.18037	94	2.08	3%	0
005.00	Ash, 2h @ 600°C (%)	0309	17.742	0.16600	16.792	0.45496	0.18037	94	2.09	3%	0
005.00	Ash, 2h @ 600°C (%)	0852	18.030	0.06000	16.792	0.45496	0.18037	94	2.72	4%	0
005.00	Ash, 2h @ 600°C (%)	0047	17.200	0.80000	16.792	0.45496	0.18037	94	0.90	1%	1
005.00	Ash, 2h @ 600°C (%)	0171	10.240	0.02000	16.792	0.45496	0.18037	94	-14.40	20%	2
005.02	Ash, LECO (%)	0644	17.695	0.15000				1			0
005.05	Ash, 3h @ 550°C (%)	0003	16.400	0.00000	17.511	0.43368	0.12810	29	-2.56	3%	0
005.05	Ash, 3h @ 550°C (%)	0066	16.579	0.11800	17.511	0.43368	0.12810	29	-2.15	3%	0
005.05	Ash, 3h @ 550°C (%)	0038	16.630	0.38000	17.511	0.43368	0.12810	29	-2.03	3%	0
005.05	Ash, 3h @ 550°C (%)	0638	16.975	0.05000	17.511	0.43368	0.12810	29	-1.24	2%	0
005.05	Ash, 3h @ 550°C (%)	0689	17.045	0.01000	17.511	0.43368	0.12810	29	-1.07	1%	0
005.05	Ash, 3h @ 550°C (%)	0619	17.100	0.20000	17.511	0.43368	0.12810	29	-0.95	1%	0
005.05	Ash, 3h @ 550°C (%)	2109	17.150	0.30000	17.511	0.43368	0.12810	29	-0.83	1%	0
005.05	Ash, 3h @ 550°C (%)	0590	17.260	0.14000	17.511	0.43368	0.12810	29	-0.58	1%	0
005.05	Ash, 3h @ 550°C (%)	2190	17.345	0.01000	17.511	0.43368	0.12810	29	-0.38	0%	0
005.05	Ash, 3h @ 550°C (%)	0849	17.360	0.02000	17.511	0.43368	0.12810	29	-0.35	0%	0
005.05	Ash, 3h @ 550°C (%)	0152	17.385	0.01000	17.511	0.43368	0.12810	29	-0.29	0%	0
005.05	Ash, 3h @ 550°C (%)	0190	17.400	0.20000	17.511	0.43368	0.12810	29	-0.26	0%	0
005.05	Ash, 3h @ 550°C (%)	0878	17.410	0.02000	17.511	0.43368	0.12810	29	-0.23	0%	0
005.05	Ash, 3h @ 550°C (%)	0895	17.545	0.01000	17.511	0.43368	0.12810	29	0.08	0%	0
005.05	Ash, 3h @ 550°C (%)	2145	17.595	0.03000	17.511	0.43368	0.12810	29	0.19	0%	0
005.05	Ash, 3h @ 550°C (%)	0897	17.615	0.05000	17.511	0.43368	0.12810	29	0.24	0%	0
005.05	Ash, 3h @ 550°C (%)	2009	17.629	0.01390	17.511	0.43368	0.12810	29	0.27	0%	0
005.05	Ash, 3h @ 550°C (%)	0413	17.700	0.80000	17.511	0.43368	0.12810	29	0.44	1%	0
005.05	Ash, 3h @ 550°C (%)	0695	17.702	0.16300	17.511	0.43368	0.12810	29	0.44	1%	0
005.05	Ash, 3h @ 550°C (%)	2146	17.710	0.28000	17.511	0.43368	0.12810	29	0.46	1%	0
005.05	Ash, 3h @ 550°C (%)	0610	17.725	0.11000	17.511	0.43368	0.12810	29	0.49	1%	0
005.05	Ash, 3h @ 550°C (%)	0294	17.750	0.10000	17.511	0.43368	0.12810	29	0.55	1%	0
005.05	Ash, 3h @ 550°C (%)	0868	17.755	0.01000	17.511	0.43368	0.12810	29	0.56	1%	0
005.05	Ash, 3h @ 550°C (%)	2192	17.880	0.06000	17.511	0.43368	0.12810	29	0.85	1%	0
005.05	Ash, 3h @ 550°C (%)	2126	17.960	0.06000	17.511	0.43368	0.12810	29	1.04	1%	0
005.05	Ash, 3h @ 550°C (%)	0921	17.970	0.00000	17.511	0.43368	0.12810	29	1.06	1%	0
005.05	Ash, 3h @ 550°C (%)	0941	18.005	0.19000	17.511	0.43368	0.12810	29	1.14	1%	0
005.05	Ash, 3h @ 550°C (%)	0685	18.100	0.02000	17.511	0.43368	0.12810	29	1.36	2%	0
005.05	Ash, 3h @ 550°C (%)	0889	18.280	0.36000	17.511	0.43368	0.12810	29	1.77	2%	0
005.05	Ash, 3h @ 550°C (%)	2129	19.765	1.1500	17.511	0.43368	0.12810	29	5.20	6%	1
005.11	Ash, NIR (%)	0852	10.195	0.01000	14.745	7.3769	0.34350	4			0
005.11	Ash, NIR (%)	2128	10.385	0.34400	14.745	7.3769	0.34350	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			
005.11	Ash, NIR (%)	2105	12.725	0.41000	14.745	7.3769	0.34350	4			0
005.11	Ash, NIR (%)	0889	25.675	0.61000	14.745	7.3769	0.34350	4			0
005.99	Ash, Miscellaneous (%)	2081	14.555	0.31000	17.320	0.94381	0.27665	11	-2.93	8%	0
005.99	Ash, Miscellaneous (%)	0662	16.129	0.72310	17.320	0.94381	0.27665	11	-1.26	3%	0
005.99	Ash, Miscellaneous (%)	0574	16.335	0.11000	17.320	0.94381	0.27665	11	-1.04	3%	0
005.99	Ash, Miscellaneous (%)	0536	17.125	0.05000	17.320	0.94381	0.27665	11	-0.21	1%	0
005.99	Ash, Miscellaneous (%)	0939	17.540	0.18000	17.320	0.94381	0.27665	11	0.23	1%	0
005.99	Ash, Miscellaneous (%)	0202	17.565	0.25000	17.320	0.94381	0.27665	11	0.26	1%	0
005.99	Ash, Miscellaneous (%)	0910	17.750	1.1000	17.320	0.94381	0.27665	11	0.46	1%	0
005.99	Ash, Miscellaneous (%)	0884	17.850	0.10000	17.320	0.94381	0.27665	11	0.56	2%	0
005.99	Ash, Miscellaneous (%)	0676	17.905	0.11000	17.320	0.94381	0.27665	11	0.62	2%	0
005.99	Ash, Miscellaneous (%)	2144	18.165	0.01000	17.320	0.94381	0.27665	11	0.90	2%	0
005.99	Ash, Miscellaneous (%)	0652	18.250	0.10000	17.320	0.94381	0.27665	11	0.99	3%	0
006.00	Total Sugars, As sucrose (%)	0921	2.6400	0.00000				3			0
006.00	Total Sugars, As sucrose (%)	0910	2.6450	0.97000				3			0
006.00	Total Sugars, As sucrose (%)	0407	4.5100	0.36000				3			0
006.00	Total Sugars, As sucrose (%)	0187	17.670	0.28000				3			2
006.99	Total Sugars, Miscellaneous (%)	0939	2.4400	0.10000				2			0
006.99	Total Sugars, Miscellaneous (%)	0956	3.0000	0.20000				2			0
008.02	Fiber, Acid Detergent, Crucible (%)	0038	18.355	0.03000	23.170	1.8060	0.26891	16	-2.67	10%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0590	20.555	0.29000	23.170	1.8060	0.26891	16	-1.45	6%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0676	21.710	0.06000	23.170	1.8060	0.26891	16	-0.81	3%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0948	22.060	0.54000	23.170	1.8060	0.26891	16	-0.61	2%	0
008.02	Fiber, Acid Detergent, Crucible (%)	2192	22.160	0.52000	23.170	1.8060	0.26891	16	-0.56	2%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0504	22.875	0.07000	23.170	1.8060	0.26891	16	-0.16	1%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0353	22.940	0.08000	23.170	1.8060	0.26891	16	-0.13	0%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0226	23.050	0.50000	23.170	1.8060	0.26891	16	-0.07	0%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0098	23.230	0.12000	23.170	1.8060	0.26891	16	0.03	0%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0148	23.240	0.36000	23.170	1.8060	0.26891	16	0.04	0%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0345	23.650	0.30000	23.170	1.8060	0.26891	16	0.27	1%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0187	23.915	0.15000	23.170	1.8060	0.26891	16	0.41	2%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0309	24.517	0.68260	23.170	1.8060	0.26891	16	0.75	3%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0689	24.600	0.00000	23.170	1.8060	0.26891	16	0.79	3%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0675	26.840	0.60000	23.170	1.8060	0.26891	16	2.03	8%	0
008.02	Fiber, Acid Detergent, Crucible (%)	2066	27.500	0.00000	23.170	1.8060	0.26891	16	2.40	9%	0
008.05	Fiber, Acid Detergent, Acid Detergent-Hach (%)	0265	23.400	0.20000				1			0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0956	19.400	1.0000	22.157	1.4823	0.42072	36	-1.86	6%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0910	19.905	0.73000	22.157	1.4823	0.42072	36	-1.52	5%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0939	20.090	0.44000	22.157	1.4823	0.42072	36	-1.39	5%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0004	20.440	0.14000	22.157	1.4823	0.42072	36	-1.16	4%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2129	20.654	0.23200	22.157	1.4823	0.42072	36	-1.01	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0510	20.750	0.30000	22.157	1.4823	0.42072	36	-0.95	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	
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0413	20.950	0.50000	22.157	1.4823	0.42072	36	-0.81	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0878	20.980	0.18000	22.157	1.4823	0.42072	36	-0.79	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0049	21.000	0.42000	22.157	1.4823	0.42072	36	-0.78	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2190	21.170	0.54000	22.157	1.4823	0.42072	36	-0.67	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0035	21.395	0.01000	22.157	1.4823	0.42072	36	-0.51	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2196	21.540	0.00000	22.157	1.4823	0.42072	36	-0.42	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0066	21.585	0.24600	22.157	1.4823	0.42072	36	-0.39	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0889	21.715	0.05000	22.157	1.4823	0.42072	36	-0.30	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0354	21.725	0.69000	22.157	1.4823	0.42072	36	-0.29	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0581	21.825	0.13000	22.157	1.4823	0.42072	36	-0.22	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0968	21.853	0.12900	22.157	1.4823	0.42072	36	-0.21	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0358	22.045	0.83000	22.157	1.4823	0.42072	36	-0.08	0%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0357	22.050	0.10000	22.157	1.4823	0.42072	36	-0.07	0%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2012	22.055	0.09000	22.157	1.4823	0.42072	36	-0.07	0%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0407	22.066	0.06600	22.157	1.4823	0.42072	36	-0.06	0%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0870	22.327	0.89480	22.157	1.4823	0.42072	36	0.12	0%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2193	22.715	0.51000	22.157	1.4823	0.42072	36	0.38	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0042	22.720	2.0400	22.157	1.4823	0.42072	36	0.38	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0148	22.880	0.74000	22.157	1.4823	0.42072	36	0.49	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0619	23.040	0.00000	22.157	1.4823	0.42072	36	0.60	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0278	23.150	0.70000	22.157	1.4823	0.42072	36	0.67	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0918	23.406	0.68800	22.157	1.4823	0.42072	36	0.84	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0001	23.525	0.15000	22.157	1.4823	0.42072	36	0.92	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0037	23.600	0.08000	22.157	1.4823	0.42072	36	0.97	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0646	23.620	0.62000	22.157	1.4823	0.42072	36	0.99	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0083	23.865	0.37000	22.157	1.4823	0.42072	36	1.15	4%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0045	23.900	0.60000	22.157	1.4823	0.42072	36	1.18	4%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0693	24.432	0.22000	22.157	1.4823	0.42072	36	1.53	5%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0190	24.505	0.21000	22.157	1.4823	0.42072	36	1.58	5%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0294	25.250	0.50000	22.157	1.4823	0.42072	36	2.09	7%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0861	22.180	2.5400	22.157	1.4823	0.42072	36	0.02	0%	1
008.99	Fiber, Acid Detergent, Miscellaneous (%)	0889	21.490	0.02000				3			0
008.99	Fiber, Acid Detergent, Miscellaneous (%)	0610	21.950	0.30000				3			0
008.99	Fiber, Acid Detergent, Miscellaneous (%)	0941	22.500	0.16000				3			0
009.04	Fiber, Neutral Detergent, Neutral Det-No ENZ Pretreat (%)	0504	37.410	0.42000				1			0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0910	35.400	1.0000	36.943	1.2837	0.54222	14	-1.20	2%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0098	35.500	0.60000	36.943	1.2837	0.54222	14	-1.12	2%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0226	36.050	0.10000	36.943	1.2837	0.54222	14	-0.70	1%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	2192	36.175	0.47000	36.943	1.2837	0.54222	14	-0.60	1%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0187	36.495	0.09000	36.943	1.2837	0.54222	14	-0.35	1%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0353	36.505	0.65000	36.943	1.2837	0.54222	14	-0.34	1%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0345	36.620	0.40000	36.943	1.2837	0.54222	14	-0.25	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	
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	2066	36.655	0.67000	36.943	1.2837	0.54222	14	-0.22	0%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0590	36.900	1.3000	36.943	1.2837	0.54222	14	-0.03	0%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0676	36.915	0.55000	36.943	1.2837	0.54222	14	-0.02	0%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0610	38.050	0.10000	36.943	1.2837	0.54222	14	0.86	1%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0309	38.201	0.31110	36.943	1.2837	0.54222	14	0.98	2%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0689	39.650	0.50000	36.943	1.2837	0.54222	14	2.11	4%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0675	41.585	0.85000	36.943	1.2837	0.54222	14	3.62	6%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	2012	32.475	0.27000	35.084	1.8702	0.36927	35	-1.39	4%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0939	32.765	1.0700	35.084	1.8702	0.36927	35	-1.24	3%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0918	32.774	0.52120	35.084	1.8702	0.36927	35	-1.23	3%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0878	32.825	0.21000	35.084	1.8702	0.36927	35	-1.21	3%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	2022	33.165	0.27000	35.084	1.8702	0.36927	35	-1.03	3%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	2193	33.170	0.14000	35.084	1.8702	0.36927	35	-1.02	3%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0148	33.245	0.29000	35.084	1.8702	0.36927	35	-0.98	3%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0407	33.366	0.13270	35.084	1.8702	0.36927	35	-0.92	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0581	33.395	0.19000	35.084	1.8702	0.36927	35	-0.90	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0861	33.625	1.1100	35.084	1.8702	0.36927	35	-0.78	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0294	33.800	0.00000	35.084	1.8702	0.36927	35	-0.69	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0598	34.185	0.43000	35.084	1.8702	0.36927	35	-0.48	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0357	34.300	0.20000	35.084	1.8702	0.36927	35	-0.42	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0956	34.300	0.00000	35.084	1.8702	0.36927	35	-0.42	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0510	34.400	1.0000	35.084	1.8702	0.36927	35	-0.37	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0413	34.500	0.20000	35.084	1.8702	0.36927	35	-0.31	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	2196	34.720	0.00000	35.084	1.8702	0.36927	35	-0.19	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0870	35.347	0.97430	35.084	1.8702	0.36927	35	0.14	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	2190	35.375	0.87000	35.084	1.8702	0.36927	35	0.16	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0646	35.420	0.14000	35.084	1.8702	0.36927	35	0.18	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0190	35.550	0.26000	35.084	1.8702	0.36927	35	0.25	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	2129	36.037	0.64220	35.084	1.8702	0.36927	35	0.51	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0083	36.080	1.0600	35.084	1.8702	0.36927	35	0.53	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0889	36.160	0.34000	35.084	1.8702	0.36927	35	0.58	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0045	36.200	0.20000	35.084	1.8702	0.36927	35	0.60	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0037	36.390	0.22000	35.084	1.8702	0.36927	35	0.70	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0693	36.593	0.23400	35.084	1.8702	0.36927	35	0.81	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0066	36.697	0.22600	35.084	1.8702	0.36927	35	0.86	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0968	36.851	0.12400	35.084	1.8702	0.36927	35	0.94	3%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0948	36.940	0.40000	35.084	1.8702	0.36927	35	0.99	3%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0265	36.950	0.10000	35.084	1.8702	0.36927	35	1.00	3%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0001	37.295	0.71000	35.084	1.8702	0.36927	35	1.18	3%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0354	37.545	0.29000	35.084	1.8702	0.36927	35	1.32	4%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0278	37.600	0.00000	35.084	1.8702	0.36927	35	1.35	4%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0619	39.350	0.10000	35.084	1.8702	0.36927	35	2.28	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	
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0049	32.715	2.7900	35.084	1.8702	0.36927	35	-1.27	3%	1
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0358	34.920	3.3200	35.084	1.8702	0.36927	35	-0.09	0%	1
009.99	Fiber, Neutral Detergent, Miscellaneous (%)	0889	34.210	0.06000				2			0
009.99	Fiber, Neutral Detergent, Miscellaneous (%)	0941	38.865	0.61000				2			0
010.03	Moisture, Karl-Fischer (%)	0843	8.5850	0.13000				2			0
010.03	Moisture, Karl-Fischer (%)	0164	8.6350	0.11000				2			0
010.11	Moisture, NIR (%)	0889	7.0300	0.02000	9.4119	1.5078	0.04300	5			0
010.11	Moisture, NIR (%)	2105	9.2750	0.05000	9.4119	1.5078	0.04300	5			0
010.11	Moisture, NIR (%)	0553	9.4550	0.09000	9.4119	1.5078	0.04300	5			0
010.11	Moisture, NIR (%)	0152	10.240	0.02000	9.4119	1.5078	0.04300	5			0
010.11	Moisture, NIR (%)	2128	11.060	0.03500	9.4119	1.5078	0.04300	5			0
010.11	Moisture, NIR (%)	0852	8.2250	0.37000	9.4119	1.5078	0.04300	5			1
010.99	Moisture, Miscellaneous (%)	2129	8.3052	0.19030	9.2942	0.62888	0.13508	15	-1.57	5%	0
010.99	Moisture, Miscellaneous (%)	2150	8.7050	0.07000	9.2942	0.62888	0.13508	15	-0.94	3%	0
010.99	Moisture, Miscellaneous (%)	2144	8.8500	0.04000	9.2942	0.62888	0.13508	15	-0.71	2%	0
010.99	Moisture, Miscellaneous (%)	0853	8.9000	0.20000	9.2942	0.62888	0.13508	15	-0.63	2%	0
010.99	Moisture, Miscellaneous (%)	0722	8.9467	0.00590	9.2942	0.62888	0.13508	15	-0.55	2%	0
010.99	Moisture, Miscellaneous (%)	0884	9.0000	0.20000	9.2942	0.62888	0.13508	15	-0.47	2%	0
010.99	Moisture, Miscellaneous (%)	0948	9.0100	0.02000	9.2942	0.62888	0.13508	15	-0.45	2%	0
010.99	Moisture, Miscellaneous (%)	0652	9.2000	0.00000	9.2942	0.62888	0.13508	15	-0.15	1%	0
010.99	Moisture, Miscellaneous (%)	0917	9.3000	0.20000	9.2942	0.62888	0.13508	15	0.01	0%	0
010.99	Moisture, Miscellaneous (%)	0939	9.5200	0.48000	9.2942	0.62888	0.13508	15	0.36	1%	0
010.99	Moisture, Miscellaneous (%)	0190	9.6000	0.04000	9.2942	0.62888	0.13508	15	0.49	2%	0
010.99	Moisture, Miscellaneous (%)	0921	9.6600	0.02000	9.2942	0.62888	0.13508	15	0.58	2%	0
010.99	Moisture, Miscellaneous (%)	2089	9.8950	0.53000	9.2942	0.62888	0.13508	15	0.96	3%	0
010.99	Moisture, Miscellaneous (%)	0952	10.385	0.03000	9.2942	0.62888	0.13508	15	1.73	6%	0
010.99	Moisture, Miscellaneous (%)	0405	11.260	0.00000	9.2942	0.62888	0.13508	15	3.13	11%	0
011.01	Loss on Drying, 135°C 2hr (%)	0643	8.1100	0.16000	10.090	0.46443	0.17472	70	-4.26	10%	0
011.01	Loss on Drying, 135°C 2hr (%)	0618	8.4350	0.05000	10.090	0.46443	0.17472	70	-3.56	8%	0
011.01	Loss on Drying, 135°C 2hr (%)	0175	8.9500	0.30000	10.090	0.46443	0.17472	70	-2.46	6%	0
011.01	Loss on Drying, 135°C 2hr (%)	2199	8.9500	0.10000	10.090	0.46443	0.17472	70	-2.46	6%	0
011.01	Loss on Drying, 135°C 2hr (%)	0853	9.1000	0.00000	10.090	0.46443	0.17472	70	-2.13	5%	0
011.01	Loss on Drying, 135°C 2hr (%)	2031	9.2691	0.18810	10.090	0.46443	0.17472	70	-1.77	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	0874	9.3000	0.02000	10.090	0.46443	0.17472	70	-1.70	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	2073	9.3050	0.29000	10.090	0.46443	0.17472	70	-1.69	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	2200	9.4500	0.70000	10.090	0.46443	0.17472	70	-1.38	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0510	9.5000	0.00000	10.090	0.46443	0.17472	70	-1.27	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0859	9.5135	0.07700	10.090	0.46443	0.17472	70	-1.24	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0298	9.5600	0.02000	10.090	0.46443	0.17472	70	-1.14	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0953	9.5650	0.79000	10.090	0.46443	0.17472	70	-1.13	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0536	9.5900	0.02000	10.090	0.46443	0.17472	70	-1.08	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0880	9.6480	1.4780	10.090	0.46443	0.17472	70	-0.95	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
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011.01	Loss on Drying, 135°C 2hr (%)	0860	9.7600	0.00000	10.090	0.46443	0.17472	70	-0.71	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	2168	9.7850	0.09000	10.090	0.46443	0.17472	70	-0.66	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0968	9.8110	0.00400	10.090	0.46443	0.17472	70	-0.60	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0354	9.8550	0.01000	10.090	0.46443	0.17472	70	-0.51	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0539	9.9200	0.42000	10.090	0.46443	0.17472	70	-0.37	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0108	9.9300	0.66000	10.090	0.46443	0.17472	70	-0.35	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0100	9.9500	0.00000	10.090	0.46443	0.17472	70	-0.30	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0265	9.9500	0.10000	10.090	0.46443	0.17472	70	-0.30	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0294	9.9500	0.10000	10.090	0.46443	0.17472	70	-0.30	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0164	9.9800	0.04000	10.090	0.46443	0.17472	70	-0.24	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0622	10.038	0.00400	10.090	0.46443	0.17472	70	-0.11	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0226	10.040	0.02000	10.090	0.46443	0.17472	70	-0.11	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0233	10.055	0.23000	10.090	0.46443	0.17472	70	-0.08	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0653	10.055	0.05000	10.090	0.46443	0.17472	70	-0.08	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0870	10.085	0.06600	10.090	0.46443	0.17472	70	-0.01	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0596	10.100	0.04000	10.090	0.46443	0.17472	70	0.02	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0685	10.100	0.18000	10.090	0.46443	0.17472	70	0.02	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0208	10.110	0.58000	10.090	0.46443	0.17472	70	0.04	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0242	10.120	0.14000	10.090	0.46443	0.17472	70	0.06	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0553	10.135	0.17000	10.090	0.46443	0.17472	70	0.10	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0407	10.138	0.00550	10.090	0.46443	0.17472	70	0.10	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0202	10.155	0.13000	10.090	0.46443	0.17472	70	0.14	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0541	10.170	0.30000	10.090	0.46443	0.17472	70	0.17	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0229	10.197	0.02900	10.090	0.46443	0.17472	70	0.23	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0520	10.200	0.00000	10.090	0.46443	0.17472	70	0.24	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	2196	10.200	0.00000	10.090	0.46443	0.17472	70	0.24	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	2097	10.204	0.02560	10.090	0.46443	0.17472	70	0.24	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	2022	10.205	0.01000	10.090	0.46443	0.17472	70	0.25	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0511	10.230	0.02000	10.090	0.46443	0.17472	70	0.30	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0171	10.240	0.02000	10.090	0.46443	0.17472	70	0.32	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0646	10.265	0.15000	10.090	0.46443	0.17472	70	0.38	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0358	10.295	0.23000	10.090	0.46443	0.17472	70	0.44	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0598	10.295	0.27000	10.090	0.46443	0.17472	70	0.44	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0033	10.300	0.00000	10.090	0.46443	0.17472	70	0.45	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0675	10.325	0.09000	10.090	0.46443	0.17472	70	0.51	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0144	10.380	0.12000	10.090	0.46443	0.17472	70	0.62	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0682	10.380	0.00000	10.090	0.46443	0.17472	70	0.62	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0589	10.390	0.14000	10.090	0.46443	0.17472	70	0.65	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0574	10.425	0.07000	10.090	0.46443	0.17472	70	0.72	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0309	10.440	0.08000	10.090	0.46443	0.17472	70	0.75	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	2006	10.450	0.12000	10.090	0.46443	0.17472	70	0.77	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	2188	10.465	0.07000	10.090	0.46443	0.17472	70	0.81	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			
011.01	Loss on Drying, 135°C 2hr (%)	0098	10.475	0.33000	10.090	0.46443	0.17472	70	0.83	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0861	10.500	0.10000	10.090	0.46443	0.17472	70	0.88	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	2193	10.505	0.05000	10.090	0.46443	0.17472	70	0.89	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0881	10.538	0.06800	10.090	0.46443	0.17472	70	0.96	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0651	10.547	0.01200	10.090	0.46443	0.17472	70	0.98	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0066	10.632	0.06800	10.090	0.46443	0.17472	70	1.17	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0004	10.640	0.10000	10.090	0.46443	0.17472	70	1.18	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0650	10.660	0.24000	10.090	0.46443	0.17472	70	1.23	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0722	10.686	0.04500	10.090	0.46443	0.17472	70	1.28	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0047	10.750	0.10000	10.090	0.46443	0.17472	70	1.42	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0123	10.765	0.01000	10.090	0.46443	0.17472	70	1.45	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0205	10.820	0.10000	10.090	0.46443	0.17472	70	1.57	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	2181	11.105	2.0300	10.090	0.46443	0.17472	70	2.18	5%	0
011.01	Loss on Drying, 135°C 2hr (%)	0674	5.7100	9.0000	10.090	0.46443	0.17472	70	-9.43	22%	2
011.02	Loss on Drying, 130°C for 2 hours (%)	0942	9.6500	0.22000	10.098	0.36743	0.11000	4			0
011.02	Loss on Drying, 130°C for 2 hours (%)	2075	9.9900	0.08000	10.098	0.36743	0.11000	4			0
011.02	Loss on Drying, 130°C for 2 hours (%)	0425	10.235	0.07000	10.098	0.36743	0.11000	4			0
011.02	Loss on Drying, 130°C for 2 hours (%)	0843	10.515	0.07000	10.098	0.36743	0.11000	4			0
011.99	Loss on Drying, High Temp. Methods Miscellaneous (%)	0857	10.050	0.10000				2			0
011.99	Loss on Drying, High Temp. Methods Miscellaneous (%)	0852	11.280	0.22000				2			0
012.00	Starch, Polarimetric (Ewers) (%)	0164	8.4000	0.00000	9.7735	0.39183	0.14200	15	-3.51	7%	0
012.00	Starch, Polarimetric (Ewers) (%)	2193	9.2800	0.10000	9.7735	0.39183	0.14200	15	-1.26	3%	0
012.00	Starch, Polarimetric (Ewers) (%)	2195	9.3000	0.10000	9.7735	0.39183	0.14200	15	-1.21	2%	0
012.00	Starch, Polarimetric (Ewers) (%)	2181	9.5150	0.11000	9.7735	0.39183	0.14200	15	-0.66	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0689	9.6500	0.30000	9.7735	0.39183	0.14200	15	-0.32	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	2196	9.7000	0.00000	9.7735	0.39183	0.14200	15	-0.19	0%	0
012.00	Starch, Polarimetric (Ewers) (%)	2188	9.7350	0.03000	9.7735	0.39183	0.14200	15	-0.10	0%	0
012.00	Starch, Polarimetric (Ewers) (%)	0619	9.7650	0.21000	9.7735	0.39183	0.14200	15	-0.02	0%	0
012.00	Starch, Polarimetric (Ewers) (%)	2006	9.9050	0.07000	9.7735	0.39183	0.14200	15	0.34	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0610	9.9500	0.10000	9.7735	0.39183	0.14200	15	0.45	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0354	9.9900	0.02000	9.7735	0.39183	0.14200	15	0.55	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0941	10.000	0.40000	9.7735	0.39183	0.14200	15	0.58	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0878	10.035	0.15000	9.7735	0.39183	0.14200	15	0.67	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	2009	10.231	0.02000	9.7735	0.39183	0.14200	15	1.17	2%	0
012.00	Starch, Polarimetric (Ewers) (%)	2192	10.740	0.52000	9.7735	0.39183	0.14200	15	2.47	5%	0
012.00	Starch, Polarimetric (Ewers) (%)	0910	9.1000	1.0000	9.7735	0.39183	0.14200	15	-1.72	3%	1
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0918	7.1640	0.69600	8.8135	1.1428	0.28516	10	-1.44	9%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0676	7.8350	0.13000	8.8135	1.1428	0.28516	10	-0.86	6%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0164	8.2500	0.10000	8.8135	1.1428	0.28516	10	-0.49	3%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0956	8.2500	0.10000	8.8135	1.1428	0.28516	10	-0.49	3%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0045	8.5700	0.14000	8.8135	1.1428	0.28516	10	-0.21	1%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0870	9.1252	0.78960	8.8135	1.1428	0.28516	10	0.27	2%	0

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012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0693	9.1430	0.05600	8.8135	1.1428	0.28516	10	0.29	2%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0148	9.2650	0.19000	8.8135	1.1428	0.28516	10	0.40	3%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	2089	10.005	0.35000	8.8135	1.1428	0.28516	10	1.04	7%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0265	11.150	0.30000	8.8135	1.1428	0.28516	10	2.04	13%	0
012.03	Starch, Enzymatic-Colorimetric Method, Miscellaneous (%)	0098	8.1100	0.08000				2			0
012.03	Starch, Enzymatic-Colorimetric Method, Miscellaneous (%)	0407	8.4526	0.35480				2			0
012.04	Starch, Enzymatic-Enzyme Membrane Technology (YSI) (	0160	8.0250	0.51000	8.5813	0.42731	0.35750	4			0
012.04	Starch, Enzymatic-Enzyme Membrane Technology (YSI) (	0278	8.5500	0.30000	8.5813	0.42731	0.35750	4			0
012.04	Starch, Enzymatic-Enzyme Membrane Technology (YSI) (	0353	8.6950	0.09000	8.5813	0.42731	0.35750	4			0
012.04	Starch, Enzymatic-Enzyme Membrane Technology (YSI) (	0948	9.0550	0.53000	8.5813	0.42731	0.35750	4			0
012.04	Starch, Enzymatic-Enzyme Membrane Technology (YSI) (	0510	5.6500	0.10000	8.5813	0.42731	0.35750	4			2
012.11	Starch, NIR (%)	0852	7.0550	0.39000				3			0
012.11	Starch, NIR (%)	0889	9.0050	0.23000				3			0
012.11	Starch, NIR (%)	2128	13.112	0.35100				3			0
012.99	Starch, Miscellaneous (%)	0939	9.0450	0.05000				1			0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	2146	2.2000	0.20000	3.0342	0.57337	0.11093	16	-1.45	14%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0504	2.3650	0.33000	3.0342	0.57337	0.11093	16	-1.17	11%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	2145	2.4100	0.02000	3.0342	0.57337	0.11093	16	-1.09	10%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0083	2.5950	0.11000	3.0342	0.57337	0.11093	16	-0.77	7%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0689	2.6500	0.10000	3.0342	0.57337	0.11093	16	-0.67	6%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0910	2.9550	0.27000	3.0342	0.57337	0.11093	16	-0.14	1%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0948	2.9600	0.04000	3.0342	0.57337	0.11093	16	-0.13	1%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0652	3.0000	0.00000	3.0342	0.57337	0.11093	16	-0.06	1%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0884	3.0000	0.00000	3.0342	0.57337	0.11093	16	-0.06	1%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	2073	3.1900	0.02000	3.0342	0.57337	0.11093	16	0.27	3%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0309	3.2419	0.04490	3.0342	0.57337	0.11093	16	0.36	3%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0541	3.2950	0.07000	3.0342	0.57337	0.11093	16	0.45	4%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0229	3.3100	0.02000	3.0342	0.57337	0.11093	16	0.48	5%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0139	3.6950	0.01000	3.0342	0.57337	0.11093	16	1.15	11%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	2150	3.8350	0.29000	3.0342	0.57337	0.11093	16	1.40	13%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0202	3.8450	0.25000	3.0342	0.57337	0.11093	16	1.41	13%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0242	3.1000	0.68000	3.0342	0.57337	0.11093	16	0.11	1%	1
013.02	Fat, Acid Pretreat, Mojonniier, Bak Ext (%)	0643	2.8150	0.17000	3.5299	0.43933	0.13566	18	-1.63	10%	0
013.02	Fat, Acid Pretreat, Mojonniier, Bak Ext (%)	0874	3.0000	0.20000	3.5299	0.43933	0.13566	18	-1.21	8%	0
013.02	Fat, Acid Pretreat, Mojonniier, Bak Ext (%)	0853	3.0450	0.11000	3.5299	0.43933	0.13566	18	-1.10	7%	0
013.02	Fat, Acid Pretreat, Mojonniier, Bak Ext (%)	0098	3.0900	0.10000	3.5299	0.43933	0.13566	18	-1.00	6%	0
013.02	Fat, Acid Pretreat, Mojonniier, Bak Ext (%)	0148	3.2800	0.16000	3.5299	0.43933	0.13566	18	-0.57	4%	0
013.02	Fat, Acid Pretreat, Mojonniier, Bak Ext (%)	0208	3.3000	0.46000	3.5299	0.43933	0.13566	18	-0.52	3%	0
013.02	Fat, Acid Pretreat, Mojonniier, Bak Ext (%)	0553	3.4800	0.10000	3.5299	0.43933	0.13566	18	-0.11	1%	0
013.02	Fat, Acid Pretreat, Mojonniier, Bak Ext (%)	0354	3.5100	0.02000	3.5299	0.43933	0.13566	18	-0.05	0%	0
013.02	Fat, Acid Pretreat, Mojonniier, Bak Ext (%)	0682	3.5300	0.00000	3.5299	0.43933	0.13566	18	0.00	0%	0
013.02	Fat, Acid Pretreat, Mojonniier, Bak Ext (%)	0676	3.5350	0.07000	3.5299	0.43933	0.13566	18	0.01	0%	0

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013.02	Fat, Acid Pretreat, Mojonniier, Bak Ext (%)	0870	3.5495	0.19190	3.5299	0.43933	0.13566	18	0.04	0%	0
013.02	Fat, Acid Pretreat, Mojonniier, Bak Ext (%)	0100	3.6250	0.19000	3.5299	0.43933	0.13566	18	0.22	1%	0
013.02	Fat, Acid Pretreat, Mojonniier, Bak Ext (%)	0164	3.7300	0.04000	3.5299	0.43933	0.13566	18	0.46	3%	0
013.02	Fat, Acid Pretreat, Mojonniier, Bak Ext (%)	0650	3.7750	0.07000	3.5299	0.43933	0.13566	18	0.56	3%	0
013.02	Fat, Acid Pretreat, Mojonniier, Bak Ext (%)	0921	3.8600	0.12000	3.5299	0.43933	0.13566	18	0.75	5%	0
013.02	Fat, Acid Pretreat, Mojonniier, Bak Ext (%)	0675	3.9800	0.28000	3.5299	0.43933	0.13566	18	1.02	6%	0
013.02	Fat, Acid Pretreat, Mojonniier, Bak Ext (%)	0861	4.3550	0.15000	3.5299	0.43933	0.13566	18	1.88	12%	0
013.02	Fat, Acid Pretreat, Mojonniier, Bak Ext (%)	0425	5.3850	0.01000	3.5299	0.43933	0.13566	18	4.22	26%	0
013.08	Fat, Base Pretreat, Roese-Gottlieb Modified (%)	0618	2.7435	0.40780				1			0
013.10	Fat, Acid Pretreat, Soxtec-Acid Hydrolysis (%)	2196	2.5000	0.00000	2.8338	0.41454	0.09335	6	-0.81	6%	0
013.10	Fat, Acid Pretreat, Soxtec-Acid Hydrolysis (%)	0036	2.5524	0.01010	2.8338	0.41454	0.09335	6	-0.68	5%	0
013.10	Fat, Acid Pretreat, Soxtec-Acid Hydrolysis (%)	2006	2.6100	0.06000	2.8338	0.41454	0.09335	6	-0.54	4%	0
013.10	Fat, Acid Pretreat, Soxtec-Acid Hydrolysis (%)	0638	2.8500	0.10000	2.8338	0.41454	0.09335	6	0.04	0%	0
013.10	Fat, Acid Pretreat, Soxtec-Acid Hydrolysis (%)	0610	3.0350	0.27000	2.8338	0.41454	0.09335	6	0.49	4%	0
013.10	Fat, Acid Pretreat, Soxtec-Acid Hydrolysis (%)	0353	4.5900	0.12000	2.8338	0.41454	0.09335	6	4.24	31%	0
013.12	Fat, Acid Pretreat, NIR- Acid Hydrolysis (%)	2128	2.0278	0.10000				1			0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0407	2.8206	0.13910	3.4861	0.48367	0.07982	5			0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0265	3.3300	0.08000	3.4861	0.48367	0.07982	5			0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0955	3.3750	0.07000	3.4861	0.48367	0.07982	5			0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0843	3.8500	0.04000	3.4861	0.48367	0.07982	5			0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0581	4.0550	0.07000	3.4861	0.48367	0.07982	5			0
015.41	Aluminum, ICP, Dry ash (mg / kg (ppm))	0049	234.98	10.640	280.80	31.228	13.898	4			0
015.41	Aluminum, ICP, Dry ash (mg / kg (ppm))	0171	288.73	11.950	280.80	31.228	13.898	4			0
015.41	Aluminum, ICP, Dry ash (mg / kg (ppm))	0164	295.00	10.000	280.80	31.228	13.898	4			0
015.41	Aluminum, ICP, Dry ash (mg / kg (ppm))	0520	304.50	23.000	280.80	31.228	13.898	4			0
015.42	Aluminum, ICP, Open vessel (mg / kg (ppm))	0560	285.30	7.6000				1			0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0353	177.50	5.0000	273.69	17.642	9.7383	6	-5.45	18%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0918	266.91	15.430	273.69	17.642	9.7383	6	-0.38	1%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0510	271.50	1.0000	273.69	17.642	9.7383	6	-0.12	0%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0345	281.00	6.0000	273.69	17.642	9.7383	6	0.41	1%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0169	285.50	11.000	273.69	17.642	9.7383	6	0.67	2%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0218	290.00	20.000	273.69	17.642	9.7383	6	0.92	3%	0
015.52	Aluminum, ICP-MS, Open vessel (mg / kg (ppm))	0186	215.50	13.000				1			0
015.53	Aluminum, ICP-MS, Microwave (mg / kg (ppm))	0553	321.50	7.0000				1			0
017.41	Boron, ICP, Dry ash (mg / kg (ppm))	0358	9.3350	0.07000	10.436	1.2352	0.59250	4			0
017.41	Boron, ICP, Dry ash (mg / kg (ppm))	0229	9.7400	1.0600	10.436	1.2352	0.59250	4			0
017.41	Boron, ICP, Dry ash (mg / kg (ppm))	0226	10.540	0.52000	10.436	1.2352	0.59250	4			0
017.41	Boron, ICP, Dry ash (mg / kg (ppm))	0049	12.130	0.72000	10.436	1.2352	0.59250	4			0
017.42	Boron, ICP, Open vessel (mg / kg (ppm))	0560	9.5550	0.39000	10.603	1.7526	0.46160	5			0
017.42	Boron, ICP, Open vessel (mg / kg (ppm))	0045	9.5800	0.10000	10.603	1.7526	0.46160	5			0
017.42	Boron, ICP, Open vessel (mg / kg (ppm))	0693	9.8780	0.49800	10.603	1.7526	0.46160	5			0
017.42	Boron, ICP, Open vessel (mg / kg (ppm))	2053	10.310	0.94000	10.603	1.7526	0.46160	5			0

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017.42	Boron, ICP, Open vessel (mg / kg (ppm))	0294	13.690	0.38000	10.603	1.7526	0.46160	5			0
017.42	Boron, ICP, Open vessel (mg / kg (ppm))	0265	8.7300	5.5400	10.603	1.7526	0.46160	5			1
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0345	9.9500	0.30000	11.111	1.3302	0.07750	4			0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0918	10.495	0.01000	11.111	1.3302	0.07750	4			0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0083	11.000	0.00000	11.111	1.3302	0.07750	4			0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0510	13.000	0.00000	11.111	1.3302	0.07750	4			0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0353	11.500	1.0000	11.111	1.3302	0.07750	4			1
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0218	< 25		11.111	1.3302	0.07750	4			5
017.53	Boron, ICP-MS, Microwave (mg / kg (ppm))	0032	0.00000	0.00000				0			4
019.00	Calcium, Ox-Mn04 Vol. (%)	0895	3.3050	0.01000	3.4565	0.17747	0.03356	9	-0.85	2%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0878	3.3200	0.04000	3.4565	0.17747	0.03356	9	-0.77	2%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0897	3.3700	0.02000	3.4565	0.17747	0.03356	9	-0.49	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0881	3.4080	0.05400	3.4565	0.17747	0.03356	9	-0.27	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0622	3.4086	0.00000	3.4565	0.17747	0.03356	9	-0.27	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0651	3.4170	0.01600	3.4565	0.17747	0.03356	9	-0.22	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2109	3.4370	0.12400	3.4565	0.17747	0.03356	9	-0.11	0%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2006	3.7200	0.00800	3.4565	0.17747	0.03356	9	1.48	4%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2022	3.7650	0.03000	3.4565	0.17747	0.03356	9	1.74	4%	0
019.02	Calcium, Hach Method (%)	2128	2.9390	0.33800				2			0
019.02	Calcium, Hach Method (%)	0536	3.3650	0.19000				2			0
019.03	Calcium, Semiauto (Autoanalyzer) (%)	0036	3.6048	0.00800				1			0
019.08	Calcium, EDTA (%)	2199	1.7300	0.02000	3.3804	0.32685	0.07636	11	-5.05	24%	0
019.08	Calcium, EDTA (%)	2031	3.0290	0.02170	3.3804	0.32685	0.07636	11	-1.08	5%	0
019.08	Calcium, EDTA (%)	2200	3.0500	0.30000	3.3804	0.32685	0.07636	11	-1.01	5%	0
019.08	Calcium, EDTA (%)	0590	3.3650	0.05000	3.3804	0.32685	0.07636	11	-0.05	0%	0
019.08	Calcium, EDTA (%)	2188	3.4150	0.15000	3.3804	0.32685	0.07636	11	0.11	1%	0
019.08	Calcium, EDTA (%)	0849	3.4200	0.02000	3.3804	0.32685	0.07636	11	0.12	1%	0
019.08	Calcium, EDTA (%)	0689	3.4300	0.02000	3.3804	0.32685	0.07636	11	0.15	1%	0
019.08	Calcium, EDTA (%)	2196	3.5400	0.00000	3.3804	0.32685	0.07636	11	0.49	2%	0
019.08	Calcium, EDTA (%)	2190	3.5545	0.05830	3.3804	0.32685	0.07636	11	0.53	3%	0
019.08	Calcium, EDTA (%)	2193	3.6200	0.00000	3.3804	0.32685	0.07636	11	0.73	4%	0
019.08	Calcium, EDTA (%)	0852	3.9000	0.20000	3.3804	0.32685	0.07636	11	1.59	8%	0
019.08	Calcium, EDTA (%)	2009	5.1314	2.9973	3.3804	0.32685	0.07636	11	5.36	26%	1
019.09	Calcium, Ion-selective electrode (%)	2006	3.9020	0.00000				1			0
019.31	Calcium, AAS, Dry ash (%)	0175	3.1800	0.12000	3.5026	0.17990	0.06396	22	-1.79	5%	0
019.31	Calcium, AAS, Dry ash (%)	0536	3.2850	0.07000	3.5026	0.17990	0.06396	22	-1.21	3%	0
019.31	Calcium, AAS, Dry ash (%)	0596	3.2900	0.02000	3.5026	0.17990	0.06396	22	-1.18	3%	0
019.31	Calcium, AAS, Dry ash (%)	0939	3.3650	0.03000	3.5026	0.17990	0.06396	22	-0.77	2%	0
019.31	Calcium, AAS, Dry ash (%)	2195	3.3850	0.01000	3.5026	0.17990	0.06396	22	-0.65	2%	0
019.31	Calcium, AAS, Dry ash (%)	0038	3.4075	0.13700	3.5026	0.17990	0.06396	22	-0.53	1%	0
019.31	Calcium, AAS, Dry ash (%)	0687	3.4250	0.25000	3.5026	0.17990	0.06396	22	-0.43	1%	0
019.31	Calcium, AAS, Dry ash (%)	0948	3.4250	0.01000	3.5026	0.17990	0.06396	22	-0.43	1%	0

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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
019.31	Calcium, AAS, Dry ash (%)	2188	3.4250	0.09000	3.5026	0.17990	0.06396	22	-0.43	1%	0
019.31	Calcium, AAS, Dry ash (%)	0674	3.4600	0.00000	3.5026	0.17990	0.06396	22	-0.24	1%	0
019.31	Calcium, AAS, Dry ash (%)	2097	3.4886	0.02070	3.5026	0.17990	0.06396	22	-0.08	0%	0
019.31	Calcium, AAS, Dry ash (%)	0868	3.4900	0.02000	3.5026	0.17990	0.06396	22	-0.07	0%	0
019.31	Calcium, AAS, Dry ash (%)	0142	3.4967	0.14750	3.5026	0.17990	0.06396	22	-0.03	0%	0
019.31	Calcium, AAS, Dry ash (%)	2196	3.5400	0.00000	3.5026	0.17990	0.06396	22	0.21	1%	0
019.31	Calcium, AAS, Dry ash (%)	0354	3.5450	0.01000	3.5026	0.17990	0.06396	22	0.24	1%	0
019.31	Calcium, AAS, Dry ash (%)	0874	3.5500	0.04000	3.5026	0.17990	0.06396	22	0.26	1%	0
019.31	Calcium, AAS, Dry ash (%)	0108	3.5600	0.02000	3.5026	0.17990	0.06396	22	0.32	1%	0
019.31	Calcium, AAS, Dry ash (%)	0722	3.6253	0.03900	3.5026	0.17990	0.06396	22	0.68	2%	0
019.31	Calcium, AAS, Dry ash (%)	2022	3.7450	0.05000	3.5026	0.17990	0.06396	22	1.35	3%	0
019.31	Calcium, AAS, Dry ash (%)	0001	3.8965	0.06300	3.5026	0.17990	0.06396	22	2.19	6%	0
019.31	Calcium, AAS, Dry ash (%)	0650	3.9100	0.08000	3.5026	0.17990	0.06396	22	2.26	6%	0
019.31	Calcium, AAS, Dry ash (%)	0152	4.0000	0.18000	3.5026	0.17990	0.06396	22	2.76	7%	0
019.31	Calcium, AAS, Dry ash (%)	0233	0.33000	0.00000	3.5026	0.17990	0.06396	22	-17.64	45%	2
019.32	Calcium, AAS, Open vessel (%)	0169	3.3650	0.03000				1			0
019.33	Calcium, AAS, Microwave (%)	0612	3.6350	0.27000				1			0
019.41	Calcium, ICP, Dry ash (%)	0098	3.1000	0.06000	3.4185	0.16759	0.06226	29	-1.90	5%	0
019.41	Calcium, ICP, Dry ash (%)	0144	3.1450	0.13000	3.4185	0.16759	0.06226	29	-1.63	4%	0
019.41	Calcium, ICP, Dry ash (%)	2145	3.1760	0.03050	3.4185	0.16759	0.06226	29	-1.45	4%	0
019.41	Calcium, ICP, Dry ash (%)	0164	3.2450	0.05000	3.4185	0.16759	0.06226	29	-1.04	3%	0
019.41	Calcium, ICP, Dry ash (%)	0011	3.2800	0.00800	3.4185	0.16759	0.06226	29	-0.83	2%	0
019.41	Calcium, ICP, Dry ash (%)	0619	3.2800	0.06000	3.4185	0.16759	0.06226	29	-0.83	2%	0
019.41	Calcium, ICP, Dry ash (%)	0405	3.3000	0.00000	3.4185	0.16759	0.06226	29	-0.71	2%	0
019.41	Calcium, ICP, Dry ash (%)	0171	3.3350	0.03000	3.4185	0.16759	0.06226	29	-0.50	1%	0
019.41	Calcium, ICP, Dry ash (%)	0910	3.3350	0.05000	3.4185	0.16759	0.06226	29	-0.50	1%	0
019.41	Calcium, ICP, Dry ash (%)	0298	3.3400	0.02000	3.4185	0.16759	0.06226	29	-0.47	1%	0
019.41	Calcium, ICP, Dry ash (%)	0413	3.3500	0.10000	3.4185	0.16759	0.06226	29	-0.41	1%	0
019.41	Calcium, ICP, Dry ash (%)	2012	3.3500	0.06000	3.4185	0.16759	0.06226	29	-0.41	1%	0
019.41	Calcium, ICP, Dry ash (%)	0003	3.3800	0.08000	3.4185	0.16759	0.06226	29	-0.23	1%	0
019.41	Calcium, ICP, Dry ash (%)	0148	3.3850	0.01000	3.4185	0.16759	0.06226	29	-0.20	0%	0
019.41	Calcium, ICP, Dry ash (%)	0139	3.4300	0.01400	3.4185	0.16759	0.06226	29	0.07	0%	0
019.41	Calcium, ICP, Dry ash (%)	0208	3.4395	0.04700	3.4185	0.16759	0.06226	29	0.13	0%	0
019.41	Calcium, ICP, Dry ash (%)	0074	3.4550	0.01000	3.4185	0.16759	0.06226	29	0.22	1%	0
019.41	Calcium, ICP, Dry ash (%)	0229	3.4555	0.08100	3.4185	0.16759	0.06226	29	0.22	1%	0
019.41	Calcium, ICP, Dry ash (%)	0598	3.4615	0.15300	3.4185	0.16759	0.06226	29	0.26	1%	0
019.41	Calcium, ICP, Dry ash (%)	0123	3.4800	0.00000	3.4185	0.16759	0.06226	29	0.37	1%	0
019.41	Calcium, ICP, Dry ash (%)	0019	3.4900	0.04000	3.4185	0.16759	0.06226	29	0.43	1%	0
019.41	Calcium, ICP, Dry ash (%)	0653	3.5145	0.05700	3.4185	0.16759	0.06226	29	0.57	1%	0
019.41	Calcium, ICP, Dry ash (%)	0049	3.5550	0.19000	3.4185	0.16759	0.06226	29	0.81	2%	0
019.41	Calcium, ICP, Dry ash (%)	0520	3.5800	0.20000	3.4185	0.16759	0.06226	29	0.96	2%	0
019.41	Calcium, ICP, Dry ash (%)	0878	3.6000	0.06000	3.4185	0.16759	0.06226	29	1.08	3%	0

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019.41	Calcium, ICP, Dry ash (%)	0226	3.6000	0.04000	3.4185	0.16759	0.06226	29	1.08	3%	0
019.41	Calcium, ICP, Dry ash (%)	0407	3.6458	0.09890	3.4185	0.16759	0.06226	29	1.36	3%	0
019.41	Calcium, ICP, Dry ash (%)	0358	3.7400	0.10000	3.4185	0.16759	0.06226	29	1.92	5%	0
019.41	Calcium, ICP, Dry ash (%)	0695	3.7400	0.02600	3.4185	0.16759	0.06226	29	1.92	5%	0
019.41	Calcium, ICP, Dry ash (%)	0511	3.1750	0.51000	3.4185	0.16759	0.06226	29	-1.45	4%	1
019.42	Calcium, ICP, Open vessel (%)	0042	3.1350	0.09000	3.4589	0.12258	0.09962	17	-2.64	5%	0
019.42	Calcium, ICP, Open vessel (%)	0265	3.3250	0.35000	3.4589	0.12258	0.09962	17	-1.09	2%	0
019.42	Calcium, ICP, Open vessel (%)	0045	3.3650	0.17000	3.4589	0.12258	0.09962	17	-0.77	1%	0
019.42	Calcium, ICP, Open vessel (%)	0294	3.3800	0.06000	3.4589	0.12258	0.09962	17	-0.64	1%	0
019.42	Calcium, ICP, Open vessel (%)	0693	3.3805	0.03700	3.4589	0.12258	0.09962	17	-0.64	1%	0
019.42	Calcium, ICP, Open vessel (%)	2129	3.3815	0.19300	3.4589	0.12258	0.09962	17	-0.63	1%	0
019.42	Calcium, ICP, Open vessel (%)	0186	3.4000	0.08000	3.4589	0.12258	0.09962	17	-0.48	1%	0
019.42	Calcium, ICP, Open vessel (%)	0278	3.4350	0.07000	3.4589	0.12258	0.09962	17	-0.19	0%	0
019.42	Calcium, ICP, Open vessel (%)	0870	3.4560	0.00600	3.4589	0.12258	0.09962	17	-0.02	0%	0
019.42	Calcium, ICP, Open vessel (%)	0035	3.4600	0.10000	3.4589	0.12258	0.09962	17	0.01	0%	0
019.42	Calcium, ICP, Open vessel (%)	0009	3.4664	0.20840	3.4589	0.12258	0.09962	17	0.06	0%	0
019.42	Calcium, ICP, Open vessel (%)	0560	3.4827	0.12060	3.4589	0.12258	0.09962	17	0.19	0%	0
019.42	Calcium, ICP, Open vessel (%)	0190	3.5550	0.09000	3.4589	0.12258	0.09962	17	0.78	1%	0
019.42	Calcium, ICP, Open vessel (%)	0685	3.5700	0.02000	3.4589	0.12258	0.09962	17	0.91	2%	0
019.42	Calcium, ICP, Open vessel (%)	0357	3.5958	0.03850	3.4589	0.12258	0.09962	17	1.12	2%	0
019.42	Calcium, ICP, Open vessel (%)	0187	3.6300	0.00000	3.4589	0.12258	0.09962	17	1.40	2%	0
019.42	Calcium, ICP, Open vessel (%)	0205	3.6600	0.06000	3.4589	0.12258	0.09962	17	1.64	3%	0
019.42	Calcium, ICP, Open vessel (%)	0037	3.4950	0.57000	3.4589	0.12258	0.09962	17	0.29	1%	1
019.43	Calcium, ICP, Microwave (%)	2192	3.0950	0.07000	3.4442	0.16687	0.08024	29	-2.09	5%	0
019.43	Calcium, ICP, Microwave (%)	0345	3.2350	0.07000	3.4442	0.16687	0.08024	29	-1.25	3%	0
019.43	Calcium, ICP, Microwave (%)	0038	3.2450	0.05000	3.4442	0.16687	0.08024	29	-1.19	3%	0
019.43	Calcium, ICP, Microwave (%)	0610	3.2650	0.07000	3.4442	0.16687	0.08024	29	-1.07	3%	0
019.43	Calcium, ICP, Microwave (%)	0036	3.2652	0.01270	3.4442	0.16687	0.08024	29	-1.07	3%	0
019.43	Calcium, ICP, Microwave (%)	0861	3.2850	0.19000	3.4442	0.16687	0.08024	29	-0.95	2%	0
019.43	Calcium, ICP, Microwave (%)	0202	3.2960	0.07600	3.4442	0.16687	0.08024	29	-0.89	2%	0
019.43	Calcium, ICP, Microwave (%)	0218	3.3500	0.30000	3.4442	0.16687	0.08024	29	-0.56	1%	0
019.43	Calcium, ICP, Microwave (%)	0013	3.3550	0.01000	3.4442	0.16687	0.08024	29	-0.53	1%	0
019.43	Calcium, ICP, Microwave (%)	0968	3.3730	0.01000	3.4442	0.16687	0.08024	29	-0.43	1%	0
019.43	Calcium, ICP, Microwave (%)	0089	3.3750	0.01000	3.4442	0.16687	0.08024	29	-0.41	1%	0
019.43	Calcium, ICP, Microwave (%)	0098	3.3800	0.04000	3.4442	0.16687	0.08024	29	-0.38	1%	0
019.43	Calcium, ICP, Microwave (%)	0505	3.4450	0.09000	3.4442	0.16687	0.08024	29	0.01	0%	0
019.43	Calcium, ICP, Microwave (%)	0668	3.4450	0.01000	3.4442	0.16687	0.08024	29	0.01	0%	0
019.43	Calcium, ICP, Microwave (%)	0010	3.4500	0.02000	3.4442	0.16687	0.08024	29	0.04	0%	0
019.43	Calcium, ICP, Microwave (%)	0675	3.4500	0.08000	3.4442	0.16687	0.08024	29	0.04	0%	0
019.43	Calcium, ICP, Microwave (%)	0033	3.4700	0.12000	3.4442	0.16687	0.08024	29	0.15	0%	0
019.43	Calcium, ICP, Microwave (%)	0083	3.4700	0.04000	3.4442	0.16687	0.08024	29	0.15	0%	0
019.43	Calcium, ICP, Microwave (%)	0034	3.4795	0.11900	3.4442	0.16687	0.08024	29	0.21	1%	0

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019.43	Calcium, ICP, Microwave (%)	2089	3.4900	0.14000	3.4442	0.16687	0.08024	29	0.27	1%	0
019.43	Calcium, ICP, Microwave (%)	0964	3.5231	0.11320	3.4442	0.16687	0.08024	29	0.47	1%	0
019.43	Calcium, ICP, Microwave (%)	0353	3.5350	0.01000	3.4442	0.16687	0.08024	29	0.54	1%	0
019.43	Calcium, ICP, Microwave (%)	0682	3.5500	0.00000	3.4442	0.16687	0.08024	29	0.63	2%	0
019.43	Calcium, ICP, Microwave (%)	0510	3.5750	0.03000	3.4442	0.16687	0.08024	29	0.78	2%	0
019.43	Calcium, ICP, Microwave (%)	0027	3.6435	0.17300	3.4442	0.16687	0.08024	29	1.19	3%	0
019.43	Calcium, ICP, Microwave (%)	0918	3.6710	0.07600	3.4442	0.16687	0.08024	29	1.36	3%	0
019.43	Calcium, ICP, Microwave (%)	0017	3.6765	0.10500	3.4442	0.16687	0.08024	29	1.39	3%	0
019.43	Calcium, ICP, Microwave (%)	0425	3.6950	0.19000	3.4442	0.16687	0.08024	29	1.50	4%	0
019.43	Calcium, ICP, Microwave (%)	0032	3.7960	0.10200	3.4442	0.16687	0.08024	29	2.11	5%	0
019.43	Calcium, ICP, Microwave (%)	0035	3.4400	0.40000	3.4442	0.16687	0.08024	29	-0.02	0%	1
019.51	Calcium, ICP-MS, Dry ash (%)	2146	3.4050	0.09000				1			0
019.52	Calcium, ICP-MS, Open vessel (%)	0186	3.4100	0.04000				3			0
019.52	Calcium, ICP-MS, Open vessel (%)	0047	3.4200	0.04000				3			0
019.52	Calcium, ICP-MS, Open vessel (%)	0154	4.0171	0.30650				3			0
019.53	Calcium, ICP-MS, Microwave (%)	2055	2.9651	0.00120	3.3375	0.33003	0.13280	4			0
019.53	Calcium, ICP-MS, Microwave (%)	0300	3.1650	0.19000	3.3375	0.33003	0.13280	4			0
019.53	Calcium, ICP-MS, Microwave (%)	0572	3.5400	0.20000	3.3375	0.33003	0.13280	4			0
019.53	Calcium, ICP-MS, Microwave (%)	0553	3.6800	0.14000	3.3375	0.33003	0.13280	4			0
019.99	Calcium, Miscellaneous (%)	0590	3.2250	0.01000	3.4720	0.20204	0.02182	6	-1.22	4%	0
019.99	Calcium, Miscellaneous (%)	0889	3.2669	0.00090	3.4720	0.20204	0.02182	6	-1.02	3%	0
019.99	Calcium, Miscellaneous (%)	0242	3.5400	0.04000	3.4720	0.20204	0.02182	6	0.34	1%	0
019.99	Calcium, Miscellaneous (%)	0100	3.5800	0.02000	3.4720	0.20204	0.02182	6	0.53	2%	0
019.99	Calcium, Miscellaneous (%)	2144	3.5850	0.03000	3.4720	0.20204	0.02182	6	0.56	2%	0
019.99	Calcium, Miscellaneous (%)	2126	3.6350	0.03000	3.4720	0.20204	0.02182	6	0.81	2%	0
019.99	Calcium, Miscellaneous (%)	2105	3.6900	0.24000	3.4720	0.20204	0.02182	6	1.08	3%	1
021.31	Cobalt, AAS, Dry ash (mg / kg (ppm))	0939	10.095	0.47000				1			0
021.34	Cobalt, AAS, Graphite furnace (mg / kg (ppm))	0610	9.7600	2.0800				1			0
021.41	Cobalt, ICP, Dry ash (mg / kg (ppm))	0148	4.1190	0.00200	6.4209	2.4674	0.06825	4			0
021.41	Cobalt, ICP, Dry ash (mg / kg (ppm))	0619	4.4750	0.17000	6.4209	2.4674	0.06825	4			0
021.41	Cobalt, ICP, Dry ash (mg / kg (ppm))	0171	8.2640	0.07400	6.4209	2.4674	0.06825	4			0
021.41	Cobalt, ICP, Dry ash (mg / kg (ppm))	0011	8.8255	0.02700	6.4209	2.4674	0.06825	4			0
021.42	Cobalt, ICP, Open vessel (mg / kg (ppm))	0186	7.0000	0.00000	8.5985	1.1437	0.48400	4			0
021.42	Cobalt, ICP, Open vessel (mg / kg (ppm))	0045	8.7200	0.40000	8.5985	1.1437	0.48400	4			0
021.42	Cobalt, ICP, Open vessel (mg / kg (ppm))	0693	8.9740	1.0760	8.5985	1.1437	0.48400	4			0
021.42	Cobalt, ICP, Open vessel (mg / kg (ppm))	0560	9.7000	0.46000	8.5985	1.1437	0.48400	4			0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0345	7.1800	0.26000	9.6049	1.2657	0.66644	7	-1.92	13%	0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0169	8.8250	0.25000	9.6049	1.2657	0.66644	7	-0.62	4%	0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0964	9.2794	0.10210	9.6049	1.2657	0.66644	7	-0.26	2%	0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0510	9.5700	0.04000	9.6049	1.2657	0.66644	7	-0.03	0%	0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0218	10.500	1.0000	9.6049	1.2657	0.66644	7	0.71	5%	0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0038	10.510	1.2600	9.6049	1.2657	0.66644	7	0.72	5%	0

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021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0027	10.844	1.7530	9.6049	1.2657	0.66644	7	0.98	6%	0
021.52	Cobalt, ICP-MS, Open vessel (mg / kg (ppm))	0910	7.3200	0.10000				3			0
021.52	Cobalt, ICP-MS, Open vessel (mg / kg (ppm))	0186	8.0000	0.00000				3			0
021.52	Cobalt, ICP-MS, Open vessel (mg / kg (ppm))	0047	9.1000	0.18000				3			0
021.53	Cobalt, ICP-MS, Microwave (mg / kg (ppm))	0098	8.2420	0.46800	10.118	1.6707	0.75003	6	-1.12	9%	0
021.53	Cobalt, ICP-MS, Microwave (mg / kg (ppm))	2055	8.3670	2.0000	10.118	1.6707	0.75003	6	-1.05	9%	0
021.53	Cobalt, ICP-MS, Microwave (mg / kg (ppm))	0918	10.226	0.57220	10.118	1.6707	0.75003	6	0.06	1%	0
021.53	Cobalt, ICP-MS, Microwave (mg / kg (ppm))	0553	11.000	0.40000	10.118	1.6707	0.75003	6	0.53	4%	0
021.53	Cobalt, ICP-MS, Microwave (mg / kg (ppm))	0032	11.370	0.06000	10.118	1.6707	0.75003	6	0.75	6%	0
021.53	Cobalt, ICP-MS, Microwave (mg / kg (ppm))	0218	11.500	1.0000	10.118	1.6707	0.75003	6	0.83	7%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0868	166.18	5.6000	224.52	16.376	7.7610	15	-3.56	13%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0354	209.65	2.2300	224.52	16.376	7.7610	15	-0.91	3%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0175	210.00	0.00000	224.52	16.376	7.7610	15	-0.89	3%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	2097	213.49	2.2787	224.52	16.376	7.7610	15	-0.67	2%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0921	214.44	31.650	224.52	16.376	7.7610	15	-0.62	2%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0001	215.20	7.2000	224.52	16.376	7.7610	15	-0.57	2%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0536	221.56	2.9500	224.52	16.376	7.7610	15	-0.18	1%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	2195	221.97	1.6800	224.52	16.376	7.7610	15	-0.16	1%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0208	227.50	23.000	224.52	16.376	7.7610	15	0.18	1%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	2188	232.56	10.340	224.52	16.376	7.7610	15	0.49	2%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	2022	233.66	0.33000	224.52	16.376	7.7610	15	0.56	2%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	2196	233.70	0.00000	224.52	16.376	7.7610	15	0.56	2%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0939	236.88	8.4700	224.52	16.376	7.7610	15	0.75	3%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0722	248.21	2.5864	224.52	16.376	7.7610	15	1.45	5%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0689	255.05	18.100	224.52	16.376	7.7610	15	1.86	7%	0
022.32	Copper, AAS, Open vessel (mg / kg (ppm))	0038	202.00	0.00000				2			0
022.32	Copper, AAS, Open vessel (mg / kg (ppm))	2128	235.94	22.549				2			0
022.33	Copper, AAS, Microwave (mg / kg (ppm))	0948	227.10	1.0550				2			0
022.33	Copper, AAS, Microwave (mg / kg (ppm))	0010	257.90	5.0000				2			0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0003	174.00	20.000	202.56	22.933	8.9009	23	-1.25	7%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0148	174.11	5.4300	202.56	22.933	8.9009	23	-1.24	7%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0910	174.50	1.0000	202.56	22.933	8.9009	23	-1.22	7%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0049	177.75	28.390	202.56	22.933	8.9009	23	-1.08	6%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0358	181.30	2.5600	202.56	22.933	8.9009	23	-0.93	5%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0619	182.50	5.0000	202.56	22.933	8.9009	23	-0.87	5%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	2145	184.13	3.2200	202.56	22.933	8.9009	23	-0.80	5%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0164	195.00	10.000	202.56	22.933	8.9009	23	-0.33	2%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0405	195.00	0.00000	202.56	22.933	8.9009	23	-0.33	2%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0098	195.85	22.900	202.56	22.933	8.9009	23	-0.29	2%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	2012	198.34	6.1100	202.56	22.933	8.9009	23	-0.18	1%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0407	201.37	0.07460	202.56	22.933	8.9009	23	-0.05	0%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0171	206.05	2.1000	202.56	22.933	8.9009	23	0.15	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))	0520	207.50	23.000	202.56	22.933	8.9009	23	0.22	1%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0878	210.00	2.0000	202.56	22.933	8.9009	23	0.32	2%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0011	212.29	0.25700	202.56	22.933	8.9009	23	0.42	2%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0511	219.50	11.000	202.56	22.933	8.9009	23	0.74	4%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0229	221.80	8.3800	202.56	22.933	8.9009	23	0.84	5%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0019	223.20	9.8000	202.56	22.933	8.9009	23	0.90	5%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0598	226.55	2.1000	202.56	22.933	8.9009	23	1.05	6%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0208	229.70	6.4000	202.56	22.933	8.9009	23	1.18	7%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0074	232.50	5.0000	202.56	22.933	8.9009	23	1.31	7%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0226	236.00	30.000	202.56	22.933	8.9009	23	1.46	8%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0037	199.00	8.0000	251.14	11.456	7.5534	19	-4.55	10%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0265	233.50	1.0000	251.14	11.456	7.5534	19	-1.54	4%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0278	236.15	4.3000	251.14	11.456	7.5534	19	-1.31	3%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0294	238.63	3.8600	251.14	11.456	7.5534	19	-1.09	2%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0045	247.00	16.000	251.14	11.456	7.5534	19	-0.36	1%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0870	249.05	1.7000	251.14	11.456	7.5534	19	-0.18	0%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0560	249.80	8.0000	251.14	11.456	7.5534	19	-0.12	0%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0190	249.90	12.610	251.14	11.456	7.5534	19	-0.11	0%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0413	250.50	5.0000	251.14	11.456	7.5534	19	-0.06	0%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0693	250.94	13.780	251.14	11.456	7.5534	19	-0.02	0%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0357	251.26	0.19500	251.14	11.456	7.5534	19	0.01	0%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0187	253.80	3.0000	251.14	11.456	7.5534	19	0.23	1%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0009	254.50	21.000	251.14	11.456	7.5534	19	0.29	1%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0035	255.50	1.0000	251.14	11.456	7.5534	19	0.38	1%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	2053	258.00	12.000	251.14	11.456	7.5534	19	0.60	1%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0042	262.00	18.000	251.14	11.456	7.5534	19	0.95	2%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0186	264.00	6.0000	251.14	11.456	7.5534	19	1.12	3%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0205	264.50	7.0000	251.14	11.456	7.5534	19	1.17	3%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0685	268.29	1.0700	251.14	11.456	7.5534	19	1.50	3%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	2192	214.69	4.8100	247.30	11.881	8.9510	28	-2.74	7%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0345	219.00	8.0000	247.30	11.881	8.9510	28	-2.38	6%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0860	228.63	0.00000	247.30	11.881	8.9510	28	-1.57	4%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0202	234.25	9.7000	247.30	11.881	8.9510	28	-1.10	3%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0218	235.00	10.000	247.30	11.881	8.9510	28	-1.04	2%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0968	236.00	0.00000	247.30	11.881	8.9510	28	-0.95	2%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0035	240.50	9.0000	247.30	11.881	8.9510	28	-0.57	1%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0098	240.70	13.800	247.30	11.881	8.9510	28	-0.56	1%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0013	241.00	20.000	247.30	11.881	8.9510	28	-0.53	1%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0169	241.00	8.0000	247.30	11.881	8.9510	28	-0.53	1%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0918	241.51	6.9700	247.30	11.881	8.9510	28	-0.49	1%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0964	246.16	23.210	247.30	11.881	8.9510	28	-0.10	0%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0425	248.75	0.70000	247.30	11.881	8.9510	28	0.12	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0083	249.50	7.0000	247.30	11.881	8.9510	28	0.19	0%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0033	250.00	4.0000	247.30	11.881	8.9510	28	0.23	1%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0861	250.00	18.000	247.30	11.881	8.9510	28	0.23	1%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0682	251.30	0.00000	247.30	11.881	8.9510	28	0.34	1%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0038	251.73	7.8400	247.30	11.881	8.9510	28	0.37	1%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0510	252.50	1.0000	247.30	11.881	8.9510	28	0.44	1%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0668	254.00	20.000	247.30	11.881	8.9510	28	0.56	1%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0032	254.75	5.5000	247.30	11.881	8.9510	28	0.63	2%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0675	255.45	6.8600	247.30	11.881	8.9510	28	0.69	2%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0034	255.85	19.100	247.30	11.881	8.9510	28	0.72	2%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0353	256.00	2.0000	247.30	11.881	8.9510	28	0.73	2%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0610	258.00	6.0000	247.30	11.881	8.9510	28	0.90	2%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0027	261.73	24.970	247.30	11.881	8.9510	28	1.21	3%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0505	268.15	5.1000	247.30	11.881	8.9510	28	1.76	4%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0017	274.39	9.0690	247.30	11.881	8.9510	28	2.28	5%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	2089	245.05	75.830	247.30	11.881	8.9510	28	-0.19	0%	1
022.51	Copper, ICP-MS, Dry ash (mg / kg (ppm))	2146	204.40	4.0000				1			0
022.52	Copper, ICP-MS, Open vessel (mg / kg (ppm))	0047	249.66	0.28000				2			0
022.52	Copper, ICP-MS, Open vessel (mg / kg (ppm))	0186	251.00	4.0000				2			0
022.53	Copper, ICP-MS, Microwave (mg / kg (ppm))	2055	184.00	2.0000	231.75	33.009	2.0000	4			0
022.53	Copper, ICP-MS, Microwave (mg / kg (ppm))	0572	241.00	4.0000	231.75	33.009	2.0000	4			0
022.53	Copper, ICP-MS, Microwave (mg / kg (ppm))	0553	242.00	2.0000	231.75	33.009	2.0000	4			0
022.53	Copper, ICP-MS, Microwave (mg / kg (ppm))	0218	260.00	0.00000	231.75	33.009	2.0000	4			0
022.99	Copper, Miscellaneous (mg / kg (ppm))	2144	242.46	1.5500	247.60	4.7614	7.6125	4			0
022.99	Copper, Miscellaneous (mg / kg (ppm))	0100	246.50	3.0000	247.60	4.7614	7.6125	4			0
022.99	Copper, Miscellaneous (mg / kg (ppm))	0242	247.50	5.0000	247.60	4.7614	7.6125	4			0
022.99	Copper, Miscellaneous (mg / kg (ppm))	2129	253.95	20.900	247.60	4.7614	7.6125	4			0
022.99	Copper, Miscellaneous (mg / kg (ppm))	0590	188.00	10.000	247.60	4.7614	7.6125	4			2
023.01	Fluorine, Ion Sel Elect (mg / kg (ppm))	0910	53.600	4.2000				1			0
024.99	Iodine, Miscellaneous (mg / kg (ppm))	0160	16.900	1.4000				1			0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0689	797.95	14.300	906.38	48.080	26.452	14	-2.26	6%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	2097	835.43	7.0250	906.38	48.080	26.452	14	-1.48	4%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	2195	839.04	27.020	906.38	48.080	26.452	14	-1.40	4%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0874	885.00	28.000	906.38	48.080	26.452	14	-0.44	1%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0175	900.00	0.00000	906.38	48.080	26.452	14	-0.13	0%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	2196	907.70	0.00000	906.38	48.080	26.452	14	0.03	0%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0536	920.57	34.130	906.38	48.080	26.452	14	0.29	1%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0038	921.00	12.000	906.38	48.080	26.452	14	0.30	1%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0939	931.02	26.740	906.38	48.080	26.452	14	0.51	1%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0722	931.55	12.769	906.38	48.080	26.452	14	0.52	1%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0354	938.11	4.4400	906.38	48.080	26.452	14	0.66	2%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0868	941.28	92.140	906.38	48.080	26.452	14	0.73	2%	0

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025.31	Iron, AAS, Dry ash (mg / kg (ppm))	2022	948.89	2.7600	906.38	48.080	26.452	14	0.88	2%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0208	955.50	109.00	906.38	48.080	26.452	14	1.02	3%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	2188	919.00	212.00	906.38	48.080	26.452	14	0.26	1%	1
025.32	Iron, AAS, Open vessel (mg / kg (ppm))	2128	769.89	201.08				1			0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0619	625.50	13.000	871.29	57.968	33.734	22	-4.24	14%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0226	722.50	55.000	871.29	57.968	33.734	22	-2.57	9%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	2012	731.99	17.320	871.29	57.968	33.734	22	-2.40	8%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0598	812.15	25.700	871.29	57.968	33.734	22	-1.02	3%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0511	822.50	95.000	871.29	57.968	33.734	22	-0.84	3%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0407	842.06	53.649	871.29	57.968	33.734	22	-0.50	2%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0405	848.00	0.00000	871.29	57.968	33.734	22	-0.40	1%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0003	857.00	48.000	871.29	57.968	33.734	22	-0.25	1%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0878	861.50	9.0000	871.29	57.968	33.734	22	-0.17	1%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	2145	862.46	8.3600	871.29	57.968	33.734	22	-0.15	1%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0164	868.00	34.000	871.29	57.968	33.734	22	-0.06	0%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0520	883.50	45.000	871.29	57.968	33.734	22	0.21	1%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0098	890.50	18.800	871.29	57.968	33.734	22	0.33	1%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0208	892.95	19.500	871.29	57.968	33.734	22	0.37	1%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0910	897.50	3.0000	871.29	57.968	33.734	22	0.45	2%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0171	904.38	17.250	871.29	57.968	33.734	22	0.57	2%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0019	906.25	78.900	871.29	57.968	33.734	22	0.60	2%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0074	916.50	17.000	871.29	57.968	33.734	22	0.78	3%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0049	916.81	48.990	871.29	57.968	33.734	22	0.79	3%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0358	929.97	28.760	871.29	57.968	33.734	22	1.01	3%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0148	945.97	49.160	871.29	57.968	33.734	22	1.29	4%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0229	957.32	56.750	871.29	57.968	33.734	22	1.48	5%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0278	338.50	5.0000	807.71	135.10	22.108	13	-3.47	29%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0265	411.50	81.000	807.71	135.10	22.108	13	-2.93	25%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0187	642.82	24.570	807.71	135.10	22.108	13	-1.22	10%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0294	779.72	1.4400	807.71	135.10	22.108	13	-0.21	2%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0870	809.25	0.70000	807.71	135.10	22.108	13	0.01	0%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0560	817.85	20.700	807.71	135.10	22.108	13	0.08	1%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0037	827.50	19.000	807.71	135.10	22.108	13	0.15	1%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0190	861.52	29.990	807.71	135.10	22.108	13	0.40	3%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0413	872.50	17.000	807.71	135.10	22.108	13	0.48	4%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0045	885.00	10.000	807.71	135.10	22.108	13	0.57	5%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0042	918.50	19.000	807.71	135.10	22.108	13	0.82	7%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	2053	921.00	44.000	807.71	135.10	22.108	13	0.84	7%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0035	954.50	15.000	807.71	135.10	22.108	13	1.09	9%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0693	766.67	167.92	807.71	135.10	22.108	13	-0.30	3%	1
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0968	796.50	3.0000	903.91	63.886	34.653	21	-1.68	6%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0353	802.00	26.000	903.91	63.886	34.653	21	-1.60	6%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0169	833.50	23.000	903.91	63.886	34.653	21	-1.10	4%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	2192	837.86	14.300	903.91	63.886	34.653	21	-1.03	4%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0682	847.23	0.00000	903.91	63.886	34.653	21	-0.89	3%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0035	878.00	130.00	903.91	63.886	34.653	21	-0.41	1%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0425	879.50	13.000	903.91	63.886	34.653	21	-0.38	1%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0861	882.00	62.000	903.91	63.886	34.653	21	-0.34	1%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0017	886.89	34.931	903.91	63.886	34.653	21	-0.27	1%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0083	899.00	24.000	903.91	63.886	34.653	21	-0.08	0%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0918	908.30	19.110	903.91	63.886	34.653	21	0.07	0%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0675	918.34	18.720	903.91	63.886	34.653	21	0.23	1%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0098	921.15	16.900	903.91	63.886	34.653	21	0.27	1%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0964	927.89	61.982	903.91	63.886	34.653	21	0.38	1%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0218	930.00	40.000	903.91	63.886	34.653	21	0.41	1%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0610	946.00	36.000	903.91	63.886	34.653	21	0.66	2%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0034	950.00	37.800	903.91	63.886	34.653	21	0.72	3%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0510	953.50	1.0000	903.91	63.886	34.653	21	0.78	3%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0038	967.35	19.290	903.91	63.886	34.653	21	0.99	4%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0032	1,012.0	2.0000	903.91	63.886	34.653	21	1.69	6%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	2089	1,204.3	144.67	903.91	63.886	34.653	21	4.70	17%	0
025.51	Iron, ICP-MS, Dry ash (mg / kg (ppm))	2146	944.40	77.200				1			0
025.53	Iron, ICP-MS, Microwave (mg / kg (ppm))	2055	540.00	530.00				2			0
025.53	Iron, ICP-MS, Microwave (mg / kg (ppm))	0553	938.50	33.000				2			0
025.99	Iron, Miscellaneous (mg / kg (ppm))	0242	905.50	27.000				3			0
025.99	Iron, Miscellaneous (mg / kg (ppm))	0100	912.50	5.0000				3			0
025.99	Iron, Miscellaneous (mg / kg (ppm))	2144	961.84	4.2900				3			0
027.31	Magnesium, AAS, Dry ash (%)	0536	0.27000	0.02000	0.55261	0.02393	0.01101	13	-11.81	26%	0
027.31	Magnesium, AAS, Dry ash (%)	0142	0.53215	0.00750	0.55261	0.02393	0.01101	13	-0.86	2%	0
027.31	Magnesium, AAS, Dry ash (%)	0689	0.53500	0.01000	0.55261	0.02393	0.01101	13	-0.74	2%	0
027.31	Magnesium, AAS, Dry ash (%)	0354	0.54000	0.00000	0.55261	0.02393	0.01101	13	-0.53	1%	0
027.31	Magnesium, AAS, Dry ash (%)	2196	0.54000	0.00000	0.55261	0.02393	0.01101	13	-0.53	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0175	0.54500	0.01000	0.55261	0.02393	0.01101	13	-0.32	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0939	0.55000	0.02000	0.55261	0.02393	0.01101	13	-0.11	0%	0
027.31	Magnesium, AAS, Dry ash (%)	0208	0.55150	0.04300	0.55261	0.02393	0.01101	13	-0.05	0%	0
027.31	Magnesium, AAS, Dry ash (%)	0038	0.55855	0.01230	0.55261	0.02393	0.01101	13	0.25	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0868	0.57000	0.00000	0.55261	0.02393	0.01101	13	0.73	2%	0
027.31	Magnesium, AAS, Dry ash (%)	0001	0.57755	0.01430	0.55261	0.02393	0.01101	13	1.04	2%	0
027.31	Magnesium, AAS, Dry ash (%)	0874	0.57900	0.00000	0.55261	0.02393	0.01101	13	1.10	2%	0
027.31	Magnesium, AAS, Dry ash (%)	0650	0.59900	0.00600	0.55261	0.02393	0.01101	13	1.94	4%	0
027.32	Magnesium, AAS, Open vessel (%)	0169	0.45950	0.00100				1			0
027.33	Magnesium, AAS, Microwave (%)	0612	0.55900	0.00600				2			0
027.33	Magnesium, AAS, Microwave (%)	0948	0.56300	0.00200				2			0
027.41	Magnesium, ICP, Dry ash (%)	0407	0.48705	0.02850	0.54497	0.02391	0.00985	24	-2.42	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			
027.41	Magnesium, ICP, Dry ash (%)	2145	0.49190	0.00120	0.54497	0.02391	0.00985	24	-2.22	5%	0
027.41	Magnesium, ICP, Dry ash (%)	0511	0.52000	0.02000	0.54497	0.02391	0.00985	24	-1.04	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0011	0.52725	0.00050	0.54497	0.02391	0.00985	24	-0.74	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0098	0.53000	0.00000	0.54497	0.02391	0.00985	24	-0.63	1%	0
027.41	Magnesium, ICP, Dry ash (%)	2012	0.53000	0.00000	0.54497	0.02391	0.00985	24	-0.63	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0619	0.53250	0.00300	0.54497	0.02391	0.00985	24	-0.52	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0148	0.53500	0.01000	0.54497	0.02391	0.00985	24	-0.42	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0413	0.53500	0.01000	0.54497	0.02391	0.00985	24	-0.42	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0910	0.53500	0.01000	0.54497	0.02391	0.00985	24	-0.42	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0164	0.53700	0.00400	0.54497	0.02391	0.00985	24	-0.33	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0598	0.53790	0.00980	0.54497	0.02391	0.00985	24	-0.30	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0003	0.54000	0.02000	0.54497	0.02391	0.00985	24	-0.21	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0229	0.54350	0.01100	0.54497	0.02391	0.00985	24	-0.06	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0049	0.55000	0.04000	0.54497	0.02391	0.00985	24	0.21	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0171	0.55050	0.00100	0.54497	0.02391	0.00985	24	0.23	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0405	0.56000	0.00000	0.54497	0.02391	0.00985	24	0.63	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0878	0.56000	0.04000	0.54497	0.02391	0.00985	24	0.63	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0074	0.56050	0.00500	0.54497	0.02391	0.00985	24	0.65	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0139	0.56065	0.00130	0.54497	0.02391	0.00985	24	0.66	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0019	0.57500	0.01000	0.54497	0.02391	0.00985	24	1.26	3%	0
027.41	Magnesium, ICP, Dry ash (%)	0226	0.58000	0.00000	0.54497	0.02391	0.00985	24	1.47	3%	0
027.41	Magnesium, ICP, Dry ash (%)	0208	0.58050	0.00100	0.54497	0.02391	0.00985	24	1.49	3%	0
027.41	Magnesium, ICP, Dry ash (%)	0358	0.59500	0.01000	0.54497	0.02391	0.00985	24	2.09	5%	0
027.41	Magnesium, ICP, Dry ash (%)	0520	0.59500	0.11000	0.54497	0.02391	0.00985	24	2.09	5%	1
027.42	Magnesium, ICP, Open vessel (%)	0042	0.49450	0.01900	0.54826	0.02271	0.01608	16	-2.37	5%	0
027.42	Magnesium, ICP, Open vessel (%)	0870	0.51060	0.00900	0.54826	0.02271	0.01608	16	-1.66	3%	0
027.42	Magnesium, ICP, Open vessel (%)	0278	0.52000	0.02000	0.54826	0.02271	0.01608	16	-1.24	3%	0
027.42	Magnesium, ICP, Open vessel (%)	0294	0.53500	0.01000	0.54826	0.02271	0.01608	16	-0.58	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0045	0.54050	0.06100	0.54826	0.02271	0.01608	16	-0.34	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0265	0.54500	0.03000	0.54826	0.02271	0.01608	16	-0.14	0%	0
027.42	Magnesium, ICP, Open vessel (%)	0693	0.54550	0.01100	0.54826	0.02271	0.01608	16	-0.12	0%	0
027.42	Magnesium, ICP, Open vessel (%)	0035	0.55000	0.00000	0.54826	0.02271	0.01608	16	0.08	0%	0
027.42	Magnesium, ICP, Open vessel (%)	0186	0.55050	0.00300	0.54826	0.02271	0.01608	16	0.10	0%	0
027.42	Magnesium, ICP, Open vessel (%)	0009	0.55435	0.03950	0.54826	0.02271	0.01608	16	0.27	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0560	0.55585	0.02050	0.54826	0.02271	0.01608	16	0.33	1%	0
027.42	Magnesium, ICP, Open vessel (%)	2129	0.55720	0.01680	0.54826	0.02271	0.01608	16	0.39	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0187	0.56740	0.00200	0.54826	0.02271	0.01608	16	0.84	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0357	0.56750	0.00540	0.54826	0.02271	0.01608	16	0.85	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0190	0.57500	0.01000	0.54826	0.02271	0.01608	16	1.18	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0685	0.58000	0.00000	0.54826	0.02271	0.01608	16	1.40	3%	0
027.42	Magnesium, ICP, Open vessel (%)	0037	0.56500	0.09000	0.54826	0.02271	0.01608	16	0.74	2%	1
027.43	Magnesium, ICP, Microwave (%)	0089	0.45500	0.01000	0.54908	0.03497	0.01641	27	-2.69	9%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
027.43	Magnesium, ICP, Microwave (%)	0345	0.49700	0.01200	0.54908	0.03497	0.01641	27	-1.49	5%	0
027.43	Magnesium, ICP, Microwave (%)	0668	0.50550	0.01900	0.54908	0.03497	0.01641	27	-1.25	4%	0
027.43	Magnesium, ICP, Microwave (%)	2192	0.51000	0.00000	0.54908	0.03497	0.01641	27	-1.12	4%	0
027.43	Magnesium, ICP, Microwave (%)	0035	0.52000	0.02000	0.54908	0.03497	0.01641	27	-0.83	3%	0
027.43	Magnesium, ICP, Microwave (%)	0968	0.52050	0.00100	0.54908	0.03497	0.01641	27	-0.82	3%	0
027.43	Magnesium, ICP, Microwave (%)	0202	0.52200	0.01000	0.54908	0.03497	0.01641	27	-0.77	2%	0
027.43	Magnesium, ICP, Microwave (%)	0861	0.52600	0.02600	0.54908	0.03497	0.01641	27	-0.66	2%	0
027.43	Magnesium, ICP, Microwave (%)	0510	0.53000	0.00000	0.54908	0.03497	0.01641	27	-0.55	2%	0
027.43	Magnesium, ICP, Microwave (%)	0218	0.53500	0.01000	0.54908	0.03497	0.01641	27	-0.40	1%	0
027.43	Magnesium, ICP, Microwave (%)	0918	0.53850	0.01500	0.54908	0.03497	0.01641	27	-0.30	1%	0
027.43	Magnesium, ICP, Microwave (%)	0098	0.54500	0.05000	0.54908	0.03497	0.01641	27	-0.12	0%	0
027.43	Magnesium, ICP, Microwave (%)	0083	0.55000	0.00000	0.54908	0.03497	0.01641	27	0.03	0%	0
027.43	Magnesium, ICP, Microwave (%)	0032	0.55325	0.02230	0.54908	0.03497	0.01641	27	0.12	0%	0
027.43	Magnesium, ICP, Microwave (%)	0038	0.55725	0.04150	0.54908	0.03497	0.01641	27	0.23	1%	0
027.43	Magnesium, ICP, Microwave (%)	0013	0.56000	0.00000	0.54908	0.03497	0.01641	27	0.31	1%	0
027.43	Magnesium, ICP, Microwave (%)	0610	0.56000	0.02000	0.54908	0.03497	0.01641	27	0.31	1%	0
027.43	Magnesium, ICP, Microwave (%)	0034	0.56290	0.01580	0.54908	0.03497	0.01641	27	0.40	1%	0
027.43	Magnesium, ICP, Microwave (%)	0505	0.56300	0.00400	0.54908	0.03497	0.01641	27	0.40	1%	0
027.43	Magnesium, ICP, Microwave (%)	0033	0.56500	0.01000	0.54908	0.03497	0.01641	27	0.46	1%	0
027.43	Magnesium, ICP, Microwave (%)	0964	0.56610	0.03560	0.54908	0.03497	0.01641	27	0.49	2%	0
027.43	Magnesium, ICP, Microwave (%)	0425	0.57500	0.01000	0.54908	0.03497	0.01641	27	0.74	2%	0
027.43	Magnesium, ICP, Microwave (%)	0682	0.58000	0.00000	0.54908	0.03497	0.01641	27	0.88	3%	0
027.43	Magnesium, ICP, Microwave (%)	0027	0.58200	0.05200	0.54908	0.03497	0.01641	27	0.94	3%	0
027.43	Magnesium, ICP, Microwave (%)	0675	0.60500	0.01000	0.54908	0.03497	0.01641	27	1.60	5%	0
027.43	Magnesium, ICP, Microwave (%)	0017	0.62650	0.02900	0.54908	0.03497	0.01641	27	2.21	7%	0
027.43	Magnesium, ICP, Microwave (%)	2089	0.63000	0.02000	0.54908	0.03497	0.01641	27	2.31	7%	0
027.43	Magnesium, ICP, Microwave (%)	0353	0.41000	0.08000	0.54908	0.03497	0.01641	27	-3.98	13%	1
027.51	Magnesium, ICP-MS, Dry ash (%)	2146	0.55500	0.01000				1			0
027.52	Magnesium, ICP-MS, Open vessel (%)	0047	0.52700	0.00200				3			0
027.52	Magnesium, ICP-MS, Open vessel (%)	0186	0.53500	0.00600				3			0
027.52	Magnesium, ICP-MS, Open vessel (%)	0154	0.61755	0.01370				3			0
027.53	Magnesium, ICP-MS, Microwave (%)	2055	0.49670	0.03140				3			0
027.53	Magnesium, ICP-MS, Microwave (%)	0572	0.57300	0.00600				3			0
027.53	Magnesium, ICP-MS, Microwave (%)	0553	0.58200	0.01200				3			0
027.99	Magnesium, Miscellaneous (%)	0590	0.52900	0.01200	0.59888	0.07143	0.00900	5			0
027.99	Magnesium, Miscellaneous (%)	0242	0.56500	0.01000	0.59888	0.07143	0.00900	5			0
027.99	Magnesium, Miscellaneous (%)	0100	0.57500	0.01000	0.59888	0.07143	0.00900	5			0
027.99	Magnesium, Miscellaneous (%)	2144	0.60950	0.01300	0.59888	0.07143	0.00900	5			0
027.99	Magnesium, Miscellaneous (%)	0889	0.71590	0.00000	0.59888	0.07143	0.00900	5			0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	2195	447.01	6.5500	534.02	27.479	9.4769	13	-3.17	8%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0536	497.91	1.4500	534.02	27.479	9.4769	13	-1.31	3%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0175	515.00	10.000	534.02	27.479	9.4769	13	-0.69	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			
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0689	521.10	31.800	534.02	27.479	9.4769	13	-0.47	1%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	2022	522.00	2.6000	534.02	27.479	9.4769	13	-0.44	1%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0722	523.86	6.6497	534.02	27.479	9.4769	13	-0.37	1%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0868	538.51	0.14000	534.02	27.479	9.4769	13	0.16	0%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	2196	544.30	0.00000	534.02	27.479	9.4769	13	0.37	1%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0939	546.09	18.600	534.02	27.479	9.4769	13	0.44	1%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	2188	549.54	5.5300	534.02	27.479	9.4769	13	0.56	1%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0354	555.46	5.3800	534.02	27.479	9.4769	13	0.78	2%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0001	566.75	6.5000	534.02	27.479	9.4769	13	1.19	3%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0208	569.00	28.000	534.02	27.479	9.4769	13	1.27	3%	0
028.32	Manganese, AAS, Open vessel (mg / kg (ppm))	2128	516.41	6.9070				2			0
028.32	Manganese, AAS, Open vessel (mg / kg (ppm))	0038	560.00	46.000				2			0
028.33	Manganese, AAS, Microwave (mg / kg (ppm))	0948	524.95	1.9430				1			0
028.34	Manganese, AAS, Dry ash (mg / kg (ppm))	2097	534.41	0.85660				1			0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0619	386.00	10.000	515.70	30.223	16.579	23	-4.29	13%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0226	418.00	36.000	515.70	30.223	16.579	23	-3.23	9%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0511	471.50	43.000	515.70	30.223	16.579	23	-1.46	4%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0164	478.50	7.0000	515.70	30.223	16.579	23	-1.23	4%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	2012	499.50	4.1000	515.70	30.223	16.579	23	-0.54	2%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0407	500.12	8.9233	515.70	30.223	16.579	23	-0.52	2%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0098	508.45	2.7000	515.70	30.223	16.579	23	-0.24	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0011	509.34	0.62200	515.70	30.223	16.579	23	-0.21	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0049	509.52	26.400	515.70	30.223	16.579	23	-0.20	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0171	509.95	1.9000	515.70	30.223	16.579	23	-0.19	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0520	510.50	45.000	515.70	30.223	16.579	23	-0.17	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0003	515.00	18.000	515.70	30.223	16.579	23	-0.02	0%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	2145	518.46	4.0200	515.70	30.223	16.579	23	0.09	0%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0074	520.00	6.0000	515.70	30.223	16.579	23	0.14	0%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0019	521.10	16.200	515.70	30.223	16.579	23	0.18	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0878	526.00	18.000	515.70	30.223	16.579	23	0.34	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0208	529.30	29.800	515.70	30.223	16.579	23	0.45	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0148	533.05	22.750	515.70	30.223	16.579	23	0.57	2%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0598	542.75	12.700	515.70	30.223	16.579	23	0.89	3%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0229	545.45	18.420	515.70	30.223	16.579	23	0.98	3%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0358	554.41	36.780	515.70	30.223	16.579	23	1.28	4%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0910	556.50	13.000	515.70	30.223	16.579	23	1.35	4%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0405	596.00	0.00000	515.70	30.223	16.579	23	2.66	8%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0685	480.73	1.4100	533.39	20.825	10.865	17	-2.53	5%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0037	496.00	0.00000	533.39	20.825	10.865	17	-1.80	4%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0278	509.50	7.0000	533.39	20.825	10.865	17	-1.15	2%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0265	514.00	8.0000	533.39	20.825	10.865	17	-0.93	2%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0870	519.25	9.9000	533.39	20.825	10.865	17	-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	
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	2053	533.00	34.000	533.39	20.825	10.865	17	-0.02	0%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0190	535.44	6.3600	533.39	20.825	10.865	17	0.10	0%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0009	536.50	49.000	533.39	20.825	10.865	17	0.15	0%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0693	537.50	3.4920	533.39	20.825	10.865	17	0.20	0%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0413	538.00	6.0000	533.39	20.825	10.865	17	0.22	0%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0042	541.00	30.000	533.39	20.825	10.865	17	0.37	1%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0186	542.00	6.0000	533.39	20.825	10.865	17	0.41	1%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0187	542.21	1.7900	533.39	20.825	10.865	17	0.42	1%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0560	543.10	1.8000	533.39	20.825	10.865	17	0.47	1%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0035	545.00	8.0000	533.39	20.825	10.865	17	0.56	1%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0357	562.22	7.8270	533.39	20.825	10.865	17	1.38	3%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0294	584.96	4.1200	533.39	20.825	10.865	17	2.48	5%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0045	531.50	67.000	533.39	20.825	10.865	17	-0.09	0%	1
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0968	500.50	1.0000	547.67	26.703	15.544	27	-1.77	4%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0345	502.50	5.0000	547.67	26.703	15.544	27	-1.69	4%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0861	503.00	42.000	547.67	26.703	15.544	27	-1.67	4%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0353	515.00	4.0000	547.67	26.703	15.544	27	-1.22	3%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0169	530.00	2.0000	547.67	26.703	15.544	27	-0.66	2%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0668	534.50	33.000	547.67	26.703	15.544	27	-0.49	1%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0038	534.88	2.1900	547.67	26.703	15.544	27	-0.48	1%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0218	535.00	30.000	547.67	26.703	15.544	27	-0.47	1%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0098	536.35	13.500	547.67	26.703	15.544	27	-0.42	1%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0675	537.41	2.5800	547.67	26.703	15.544	27	-0.38	1%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0425	542.00	8.0000	547.67	26.703	15.544	27	-0.21	1%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0033	542.50	27.000	547.67	26.703	15.544	27	-0.19	0%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0964	545.86	65.443	547.67	26.703	15.544	27	-0.07	0%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0682	546.15	0.00000	547.67	26.703	15.544	27	-0.06	0%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0510	547.00	0.00000	547.67	26.703	15.544	27	-0.02	0%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0083	547.50	9.0000	547.67	26.703	15.544	27	-0.01	0%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0505	551.20	7.0000	547.67	26.703	15.544	27	0.13	0%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0013	554.50	3.0000	547.67	26.703	15.544	27	0.26	1%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0035	557.00	24.000	547.67	26.703	15.544	27	0.35	1%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0034	559.25	32.300	547.67	26.703	15.544	27	0.43	1%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0202	561.49	10.700	547.67	26.703	15.544	27	0.52	1%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0918	569.71	9.2600	547.67	26.703	15.544	27	0.83	2%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0032	577.10	3.8000	547.67	26.703	15.544	27	1.10	3%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0027	579.19	44.224	547.67	26.703	15.544	27	1.18	3%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0017	585.12	4.7020	547.67	26.703	15.544	27	1.40	3%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0610	605.50	33.000	547.67	26.703	15.544	27	2.17	5%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	2089	605.53	3.0000	547.67	26.703	15.544	27	2.17	5%	0
028.51	Manganese, ICP-MS, Dry ash (mg / kg (ppm))	2146	466.85	24.700				1			0
028.52	Manganese, ICP-MS, Open vessel (mg / kg (ppm))	0047	545.84	8.1500				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			
028.52	Manganese, ICP-MS, Open vessel (mg / kg (ppm))	0186	554.50	29.000				2			0
028.53	Manganese, ICP-MS, Microwave (mg / kg (ppm))	2055	466.45	7.1000				3			0
028.53	Manganese, ICP-MS, Microwave (mg / kg (ppm))	0553	547.50	15.000				3			0
028.53	Manganese, ICP-MS, Microwave (mg / kg (ppm))	0572	554.50	5.0000				3			0
028.99	Manganese, Miscellaneous (mg / kg (ppm))	0590	483.50	1.0000	548.80	49.655	10.353	4			0
028.99	Manganese, Miscellaneous (mg / kg (ppm))	0242	545.50	15.000	548.80	49.655	10.353	4			0
028.99	Manganese, Miscellaneous (mg / kg (ppm))	0100	563.50	23.000	548.80	49.655	10.353	4			0
028.99	Manganese, Miscellaneous (mg / kg (ppm))	2144	602.71	2.4100	548.80	49.655	10.353	4			0
031.00	Phosphorus, Vol (%)	0895	1.0550	0.01000				1			0
031.01	Phosphorus, Photometric (%)	0108	0.85500	0.03000	1.0783	0.05090	0.02558	43	-4.39	10%	0
031.01	Phosphorus, Photometric (%)	0921	0.91095	0.07750	1.0783	0.05090	0.02558	43	-3.29	8%	0
031.01	Phosphorus, Photometric (%)	0511	0.93500	0.01000	1.0783	0.05090	0.02558	43	-2.81	7%	0
031.01	Phosphorus, Photometric (%)	0874	0.98900	0.00780	1.0783	0.05090	0.02558	43	-1.75	4%	0
031.01	Phosphorus, Photometric (%)	2200	1.0000	0.00000	1.0783	0.05090	0.02558	43	-1.54	4%	0
031.01	Phosphorus, Photometric (%)	2193	1.0050	0.01000	1.0783	0.05090	0.02558	43	-1.44	3%	0
031.01	Phosphorus, Photometric (%)	0674	1.0100	0.00000	1.0783	0.05090	0.02558	43	-1.34	3%	0
031.01	Phosphorus, Photometric (%)	0596	1.0150	0.07000	1.0783	0.05090	0.02558	43	-1.24	3%	0
031.01	Phosphorus, Photometric (%)	2031	1.0268	0.02260	1.0783	0.05090	0.02558	43	-1.01	2%	0
031.01	Phosphorus, Photometric (%)	0152	1.0450	0.05000	1.0783	0.05090	0.02558	43	-0.65	2%	0
031.01	Phosphorus, Photometric (%)	2199	1.0500	0.10000	1.0783	0.05090	0.02558	43	-0.56	1%	0
031.01	Phosphorus, Photometric (%)	0142	1.0513	0.01690	1.0783	0.05090	0.02558	43	-0.53	1%	0
031.01	Phosphorus, Photometric (%)	0622	1.0514	0.00000	1.0783	0.05090	0.02558	43	-0.53	1%	0
031.01	Phosphorus, Photometric (%)	0590	1.0650	0.03000	1.0783	0.05090	0.02558	43	-0.26	1%	0
031.01	Phosphorus, Photometric (%)	0722	1.0691	0.03990	1.0783	0.05090	0.02558	43	-0.18	0%	0
031.01	Phosphorus, Photometric (%)	0233	1.0750	0.01000	1.0783	0.05090	0.02558	43	-0.06	0%	0
031.01	Phosphorus, Photometric (%)	0208	1.0800	0.00800	1.0783	0.05090	0.02558	43	0.03	0%	0
031.01	Phosphorus, Photometric (%)	0939	1.0800	0.04000	1.0783	0.05090	0.02558	43	0.03	0%	0
031.01	Phosphorus, Photometric (%)	2126	1.0800	0.02000	1.0783	0.05090	0.02558	43	0.03	0%	0
031.01	Phosphorus, Photometric (%)	2192	1.0800	0.02000	1.0783	0.05090	0.02558	43	0.03	0%	0
031.01	Phosphorus, Photometric (%)	0651	1.0815	0.01500	1.0783	0.05090	0.02558	43	0.06	0%	0
031.01	Phosphorus, Photometric (%)	2097	1.0840	0.00530	1.0783	0.05090	0.02558	43	0.11	0%	0
031.01	Phosphorus, Photometric (%)	0881	1.0865	0.00500	1.0783	0.05090	0.02558	43	0.16	0%	0
031.01	Phosphorus, Photometric (%)	0687	1.0900	0.02000	1.0783	0.05090	0.02558	43	0.23	1%	0
031.01	Phosphorus, Photometric (%)	2188	1.0950	0.01000	1.0783	0.05090	0.02558	43	0.33	1%	0
031.01	Phosphorus, Photometric (%)	0849	1.0975	0.00500	1.0783	0.05090	0.02558	43	0.38	1%	0
031.01	Phosphorus, Photometric (%)	0354	1.1000	0.00000	1.0783	0.05090	0.02558	43	0.43	1%	0
031.01	Phosphorus, Photometric (%)	0878	1.1000	0.00000	1.0783	0.05090	0.02558	43	0.43	1%	0
031.01	Phosphorus, Photometric (%)	2196	1.1000	0.00000	1.0783	0.05090	0.02558	43	0.43	1%	0
031.01	Phosphorus, Photometric (%)	2190	1.1042	0.00940	1.0783	0.05090	0.02558	43	0.51	1%	0
031.01	Phosphorus, Photometric (%)	2009	1.1065	0.00020	1.0783	0.05090	0.02558	43	0.55	1%	0
031.01	Phosphorus, Photometric (%)	0689	1.1100	0.02000	1.0783	0.05090	0.02558	43	0.62	1%	0
031.01	Phosphorus, Photometric (%)	2006	1.1135	0.03100	1.0783	0.05090	0.02558	43	0.69	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	
031.01	Phosphorus, Photometric (%)	0650	1.1150	0.03000	1.0783	0.05090	0.02558	43	0.72	2%	0
031.01	Phosphorus, Photometric (%)	2195	1.1150	0.01000	1.0783	0.05090	0.02558	43	0.72	2%	0
031.01	Phosphorus, Photometric (%)	2109	1.1190	0.03800	1.0783	0.05090	0.02558	43	0.80	2%	0
031.01	Phosphorus, Photometric (%)	0868	1.1250	0.01000	1.0783	0.05090	0.02558	43	0.92	2%	0
031.01	Phosphorus, Photometric (%)	0897	1.1250	0.03000	1.0783	0.05090	0.02558	43	0.92	2%	0
031.01	Phosphorus, Photometric (%)	0948	1.1255	0.01100	1.0783	0.05090	0.02558	43	0.93	2%	0
031.01	Phosphorus, Photometric (%)	0626	1.1290	0.02800	1.0783	0.05090	0.02558	43	1.00	2%	0
031.01	Phosphorus, Photometric (%)	0038	1.1418	0.03550	1.0783	0.05090	0.02558	43	1.25	3%	0
031.01	Phosphorus, Photometric (%)	2128	1.1540	0.21400	1.0783	0.05090	0.02558	43	1.49	4%	0
031.01	Phosphorus, Photometric (%)	2022	1.2050	0.01000	1.0783	0.05090	0.02558	43	2.49	6%	0
031.01	Phosphorus, Photometric (%)	0175	55.535	108.93	1.0783	0.05090	0.02558	43	1069.80	2525%	2
031.02	Phosphorus, GQMP (AOAC 935.13-Extraction) (%)	2053	1.1100	0.02000				2			0
031.02	Phosphorus, GQMP (AOAC 935.13-Extraction) (%)	0505	1.1650	0.01000				2			0
031.03	Phosphorus, Autoanalyzer (%)	0036	1.0986	0.00110				3			0
031.03	Phosphorus, Autoanalyzer (%)	0001	1.1085	0.01100				3			0
031.03	Phosphorus, Autoanalyzer (%)	0169	1.1100	0.04000				3			0
031.06	Phosphorus, Hach Method (%)	0536	1.1300	0.02000				1			0
031.41	Phosphorus, ICP, Dry ash (%)	0358	0.97500	0.05000	1.0918	0.04627	0.02328	29	-2.52	5%	0
031.41	Phosphorus, ICP, Dry ash (%)	0619	0.98850	0.02300	1.0918	0.04627	0.02328	29	-2.23	5%	0
031.41	Phosphorus, ICP, Dry ash (%)	0910	1.0100	0.04000	1.0918	0.04627	0.02328	29	-1.77	4%	0
031.41	Phosphorus, ICP, Dry ash (%)	0407	1.0524	0.00130	1.0918	0.04627	0.02328	29	-0.85	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0144	1.0550	0.01000	1.0918	0.04627	0.02328	29	-0.79	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0011	1.0637	0.00410	1.0918	0.04627	0.02328	29	-0.61	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0019	1.0650	0.01000	1.0918	0.04627	0.02328	29	-0.58	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0520	1.0650	0.05000	1.0918	0.04627	0.02328	29	-0.58	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0405	1.0700	0.00000	1.0918	0.04627	0.02328	29	-0.47	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0685	1.0700	0.00000	1.0918	0.04627	0.02328	29	-0.47	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	2145	1.0742	0.01360	1.0918	0.04627	0.02328	29	-0.38	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0148	1.0750	0.01000	1.0918	0.04627	0.02328	29	-0.36	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0098	1.0815	0.04500	1.0918	0.04627	0.02328	29	-0.22	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0298	1.0900	0.02000	1.0918	0.04627	0.02328	29	-0.04	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0413	1.0900	0.04000	1.0918	0.04627	0.02328	29	-0.04	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	2012	1.0900	0.00000	1.0918	0.04627	0.02328	29	-0.04	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0164	1.0950	0.01000	1.0918	0.04627	0.02328	29	0.07	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0208	1.0950	0.02600	1.0918	0.04627	0.02328	29	0.07	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0123	1.1000	0.00000	1.0918	0.04627	0.02328	29	0.18	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0653	1.1045	0.01700	1.0918	0.04627	0.02328	29	0.27	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0171	1.1050	0.01000	1.0918	0.04627	0.02328	29	0.29	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0229	1.1110	0.04200	1.0918	0.04627	0.02328	29	0.42	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0139	1.1235	0.00700	1.0918	0.04627	0.02328	29	0.69	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0049	1.1250	0.07000	1.0918	0.04627	0.02328	29	0.72	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0003	1.1550	0.09000	1.0918	0.04627	0.02328	29	1.37	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	
031.41	Phosphorus, ICP, Dry ash (%)	0695	1.1565	0.02500	1.0918	0.04627	0.02328	29	1.40	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0074	1.1600	0.02000	1.0918	0.04627	0.02328	29	1.47	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0226	1.1650	0.03000	1.0918	0.04627	0.02328	29	1.58	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0598	1.1935	0.01100	1.0918	0.04627	0.02328	29	2.20	5%	0
031.42	Phosphorus, ICP, Open vessel (%)	0278	0.95000	0.02000	1.0792	0.04973	0.03961	19	-2.60	6%	0
031.42	Phosphorus, ICP, Open vessel (%)	0186	1.0150	0.01000	1.0792	0.04973	0.03961	19	-1.29	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	0037	1.0200	0.16000	1.0792	0.04973	0.03961	19	-1.19	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	0047	1.0350	0.03000	1.0792	0.04973	0.03961	19	-0.89	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0294	1.0400	0.00000	1.0792	0.04973	0.03961	19	-0.79	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0265	1.0450	0.07000	1.0792	0.04973	0.03961	19	-0.69	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0870	1.0640	0.00800	1.0792	0.04973	0.03961	19	-0.31	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0693	1.0660	0.08800	1.0792	0.04973	0.03961	19	-0.27	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	2129	1.0805	0.02300	1.0792	0.04973	0.03961	19	0.03	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0035	1.0850	0.01000	1.0792	0.04973	0.03961	19	0.12	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0187	1.0900	0.00000	1.0792	0.04973	0.03961	19	0.22	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0357	1.0941	0.00450	1.0792	0.04973	0.03961	19	0.30	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0190	1.1000	0.02000	1.0792	0.04973	0.03961	19	0.42	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0560	1.1018	0.01690	1.0792	0.04973	0.03961	19	0.45	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0009	1.1202	0.03220	1.0792	0.04973	0.03961	19	0.82	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0205	1.1250	0.01000	1.0792	0.04973	0.03961	19	0.92	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0014	1.1300	0.06000	1.0792	0.04973	0.03961	19	1.02	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0042	1.1350	0.11000	1.0792	0.04973	0.03961	19	1.12	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	0045	1.1600	0.08000	1.0792	0.04973	0.03961	19	1.62	4%	0
031.43	Phosphorus, ICP, Microwave (%)	0675	0.60500	0.01000	1.1022	0.05834	0.03450	27	-8.52	23%	0
031.43	Phosphorus, ICP, Microwave (%)	0345	0.96800	0.02600	1.1022	0.05834	0.03450	27	-2.30	6%	0
031.43	Phosphorus, ICP, Microwave (%)	0027	1.0240	0.07200	1.1022	0.05834	0.03450	27	-1.34	4%	0
031.43	Phosphorus, ICP, Microwave (%)	0918	1.0520	0.01800	1.1022	0.05834	0.03450	27	-0.86	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0610	1.0550	0.03000	1.1022	0.05834	0.03450	27	-0.81	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0202	1.0595	0.07900	1.1022	0.05834	0.03450	27	-0.73	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0010	1.0650	0.03000	1.1022	0.05834	0.03450	27	-0.64	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0034	1.0795	0.05100	1.1022	0.05834	0.03450	27	-0.39	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0968	1.0795	0.00300	1.1022	0.05834	0.03450	27	-0.39	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0089	1.0800	0.00000	1.1022	0.05834	0.03450	27	-0.38	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0682	1.0800	0.00000	1.1022	0.05834	0.03450	27	-0.38	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0017	1.0960	0.07800	1.1022	0.05834	0.03450	27	-0.11	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0038	1.0975	0.00500	1.1022	0.05834	0.03450	27	-0.08	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0218	1.1000	0.00000	1.1022	0.05834	0.03450	27	-0.04	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0033	1.1050	0.01000	1.1022	0.05834	0.03450	27	0.05	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0425	1.1050	0.01000	1.1022	0.05834	0.03450	27	0.05	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0861	1.1050	0.03000	1.1022	0.05834	0.03450	27	0.05	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0036	1.1058	0.08040	1.1022	0.05834	0.03450	27	0.06	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0035	1.1150	0.07000	1.1022	0.05834	0.03450	27	0.22	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
031.43	Phosphorus, ICP, Microwave (%)	0668	1.1300	0.06000	1.1022	0.05834	0.03450	27	0.48	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0964	1.1376	0.07520	1.1022	0.05834	0.03450	27	0.61	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0083	1.1400	0.02000	1.1022	0.05834	0.03450	27	0.65	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0353	1.1650	0.01000	1.1022	0.05834	0.03450	27	1.08	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0098	1.1845	0.00900	1.1022	0.05834	0.03450	27	1.41	4%	0
031.43	Phosphorus, ICP, Microwave (%)	0032	1.2165	0.05500	1.1022	0.05834	0.03450	27	1.96	5%	0
031.43	Phosphorus, ICP, Microwave (%)	2089	1.2300	0.08000	1.1022	0.05834	0.03450	27	2.19	6%	0
031.43	Phosphorus, ICP, Microwave (%)	0510	1.4500	0.02000	1.1022	0.05834	0.03450	27	5.96	16%	0
031.51	Phosphorus, ICP-MS, Dry ash (%)	2146	1.1300	0.00000				1			0
031.52	Phosphorus, ICP-MS, Open vessel (%)	0186	0.95950	0.00500				2			0
031.52	Phosphorus, ICP-MS, Open vessel (%)	0154	1.1628	0.11780				2			0
031.53	Phosphorus, ICP-MS, Microwave (%)	2055	0.92115	0.07550	1.0703	0.11868	0.05388	4			0
031.53	Phosphorus, ICP-MS, Microwave (%)	0300	1.0300	0.08000	1.0703	0.11868	0.05388	4			0
031.53	Phosphorus, ICP-MS, Microwave (%)	0553	1.1500	0.02000	1.0703	0.11868	0.05388	4			0
031.53	Phosphorus, ICP-MS, Microwave (%)	0572	1.1800	0.04000	1.0703	0.11868	0.05388	4			0
031.99	Phosphorus, Miscellaneous (%)	0889	0.95400	0.03160	1.0408	0.06882	0.03432	5			0
031.99	Phosphorus, Miscellaneous (%)	0852	0.98000	0.04000	1.0408	0.06882	0.03432	5			0
031.99	Phosphorus, Miscellaneous (%)	0100	1.0750	0.01000	1.0408	0.06882	0.03432	5			0
031.99	Phosphorus, Miscellaneous (%)	2144	1.0900	0.02000	1.0408	0.06882	0.03432	5			0
031.99	Phosphorus, Miscellaneous (%)	0242	1.1050	0.07000	1.0408	0.06882	0.03432	5			0
032.02	Potassium, Flame Emission (%)	0881	1.2705	0.00900				2			0
032.02	Potassium, Flame Emission (%)	0504	1.2900	0.02000				2			0
032.31	Potassium, AAS, Dry ash (%)	0536	1.2100	0.04000	1.2794	0.04756	0.02182	11	-1.46	3%	0
032.31	Potassium, AAS, Dry ash (%)	0142	1.2395	0.02900	1.2794	0.04756	0.02182	11	-0.84	2%	0
032.31	Potassium, AAS, Dry ash (%)	0868	1.2400	0.00000	1.2794	0.04756	0.02182	11	-0.83	2%	0
032.31	Potassium, AAS, Dry ash (%)	0175	1.2600	0.04000	1.2794	0.04756	0.02182	11	-0.41	1%	0
032.31	Potassium, AAS, Dry ash (%)	0948	1.2735	0.00500	1.2794	0.04756	0.02182	11	-0.12	0%	0
032.31	Potassium, AAS, Dry ash (%)	0354	1.2750	0.01000	1.2794	0.04756	0.02182	11	-0.09	0%	0
032.31	Potassium, AAS, Dry ash (%)	0038	1.2850	0.02600	1.2794	0.04756	0.02182	11	0.12	0%	0
032.31	Potassium, AAS, Dry ash (%)	0650	1.2950	0.01000	1.2794	0.04756	0.02182	11	0.33	1%	0
032.31	Potassium, AAS, Dry ash (%)	2053	1.3150	0.01000	1.2794	0.04756	0.02182	11	0.75	1%	0
032.31	Potassium, AAS, Dry ash (%)	0208	1.3300	0.02000	1.2794	0.04756	0.02182	11	1.06	2%	0
032.31	Potassium, AAS, Dry ash (%)	0939	1.3550	0.05000	1.2794	0.04756	0.02182	11	1.59	3%	0
032.31	Potassium, AAS, Dry ash (%)	0874	64.645	126.71	1.2794	0.04756	0.02182	11	1332.42	2476%	2
032.32	Potassium, AAS, Open vessel (%)	0169	1.0800	0.00000				1			0
032.33	Potassium, AAS, Microwave (%)	0612	1.3700	0.02000				1			0
032.41	Potassium, ICP, Dry ash (%)	0619	1.1300	0.02000	1.2908	0.05656	0.02600	27	-2.84	6%	0
032.41	Potassium, ICP, Dry ash (%)	0144	1.1950	0.05000	1.2908	0.05656	0.02600	27	-1.69	4%	0
032.41	Potassium, ICP, Dry ash (%)	0148	1.2150	0.09000	1.2908	0.05656	0.02600	27	-1.34	3%	0
032.41	Potassium, ICP, Dry ash (%)	0011	1.2260	0.00000	1.2908	0.05656	0.02600	27	-1.15	3%	0
032.41	Potassium, ICP, Dry ash (%)	0229	1.2285	0.03700	1.2908	0.05656	0.02600	27	-1.10	2%	0
032.41	Potassium, ICP, Dry ash (%)	0910	1.2300	0.04000	1.2908	0.05656	0.02600	27	-1.08	2%	0

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032.41	Potassium, ICP, Dry ash (%)	2012	1.2600	0.00000	1.2908	0.05656	0.02600	27	-0.54	1%	0
032.41	Potassium, ICP, Dry ash (%)	0405	1.2650	0.00000	1.2908	0.05656	0.02600	27	-0.46	1%	0
032.41	Potassium, ICP, Dry ash (%)	0049	1.2750	0.03000	1.2908	0.05656	0.02600	27	-0.28	1%	0
032.41	Potassium, ICP, Dry ash (%)	0139	1.2800	0.00600	1.2908	0.05656	0.02600	27	-0.19	0%	0
032.41	Potassium, ICP, Dry ash (%)	0413	1.2800	0.00000	1.2908	0.05656	0.02600	27	-0.19	0%	0
032.41	Potassium, ICP, Dry ash (%)	0653	1.2840	0.00800	1.2908	0.05656	0.02600	27	-0.12	0%	0
032.41	Potassium, ICP, Dry ash (%)	0003	1.2900	0.04000	1.2908	0.05656	0.02600	27	-0.01	0%	0
032.41	Potassium, ICP, Dry ash (%)	0511	1.2900	0.08000	1.2908	0.05656	0.02600	27	-0.01	0%	0
032.41	Potassium, ICP, Dry ash (%)	0878	1.2900	0.04000	1.2908	0.05656	0.02600	27	-0.01	0%	0
032.41	Potassium, ICP, Dry ash (%)	0019	1.3000	0.02000	1.2908	0.05656	0.02600	27	0.16	0%	0
032.41	Potassium, ICP, Dry ash (%)	0098	1.3000	0.02000	1.2908	0.05656	0.02600	27	0.16	0%	0
032.41	Potassium, ICP, Dry ash (%)	0208	1.3030	0.00800	1.2908	0.05656	0.02600	27	0.22	0%	0
032.41	Potassium, ICP, Dry ash (%)	0407	1.3279	0.01690	1.2908	0.05656	0.02600	27	0.65	1%	0
032.41	Potassium, ICP, Dry ash (%)	0164	1.3350	0.07000	1.2908	0.05656	0.02600	27	0.78	2%	0
032.41	Potassium, ICP, Dry ash (%)	0074	1.3400	0.00000	1.2908	0.05656	0.02600	27	0.87	2%	0
032.41	Potassium, ICP, Dry ash (%)	0358	1.3400	0.02000	1.2908	0.05656	0.02600	27	0.87	2%	0
032.41	Potassium, ICP, Dry ash (%)	0520	1.3400	0.00000	1.2908	0.05656	0.02600	27	0.87	2%	0
032.41	Potassium, ICP, Dry ash (%)	0695	1.3450	0.02800	1.2908	0.05656	0.02600	27	0.96	2%	0
032.41	Potassium, ICP, Dry ash (%)	0171	1.3600	0.02000	1.2908	0.05656	0.02600	27	1.22	3%	0
032.41	Potassium, ICP, Dry ash (%)	0598	1.3600	0.02800	1.2908	0.05656	0.02600	27	1.22	3%	0
032.41	Potassium, ICP, Dry ash (%)	0226	1.4050	0.03000	1.2908	0.05656	0.02600	27	2.02	4%	0
032.42	Potassium, ICP, Open vessel (%)	0042	1.2200	0.08000	1.3036	0.03971	0.04065	17	-2.11	3%	0
032.42	Potassium, ICP, Open vessel (%)	0294	1.2550	0.01000	1.3036	0.03971	0.04065	17	-1.22	2%	0
032.42	Potassium, ICP, Open vessel (%)	0047	1.2650	0.01000	1.3036	0.03971	0.04065	17	-0.97	1%	0
032.42	Potassium, ICP, Open vessel (%)	0693	1.2700	0.03200	1.3036	0.03971	0.04065	17	-0.85	1%	0
032.42	Potassium, ICP, Open vessel (%)	0045	1.2750	0.15000	1.3036	0.03971	0.04065	17	-0.72	1%	0
032.42	Potassium, ICP, Open vessel (%)	0186	1.2850	0.01000	1.3036	0.03971	0.04065	17	-0.47	1%	0
032.42	Potassium, ICP, Open vessel (%)	2129	1.2870	0.06000	1.3036	0.03971	0.04065	17	-0.42	1%	0
032.42	Potassium, ICP, Open vessel (%)	0035	1.2950	0.03000	1.3036	0.03971	0.04065	17	-0.22	0%	0
032.42	Potassium, ICP, Open vessel (%)	0870	1.3025	0.00510	1.3036	0.03971	0.04065	17	-0.03	0%	0
032.42	Potassium, ICP, Open vessel (%)	0265	1.3050	0.07000	1.3036	0.03971	0.04065	17	0.03	0%	0
032.42	Potassium, ICP, Open vessel (%)	0278	1.3300	0.00000	1.3036	0.03971	0.04065	17	0.66	1%	0
032.42	Potassium, ICP, Open vessel (%)	0009	1.3301	0.07390	1.3036	0.03971	0.04065	17	0.67	1%	0
032.42	Potassium, ICP, Open vessel (%)	0187	1.3400	0.00000	1.3036	0.03971	0.04065	17	0.92	1%	0
032.42	Potassium, ICP, Open vessel (%)	0190	1.3400	0.02000	1.3036	0.03971	0.04065	17	0.92	1%	0
032.42	Potassium, ICP, Open vessel (%)	0560	1.3403	0.10740	1.3036	0.03971	0.04065	17	0.92	1%	0
032.42	Potassium, ICP, Open vessel (%)	0357	1.3429	0.00270	1.3036	0.03971	0.04065	17	0.99	2%	0
032.42	Potassium, ICP, Open vessel (%)	0205	1.3550	0.03000	1.3036	0.03971	0.04065	17	1.29	2%	0
032.42	Potassium, ICP, Open vessel (%)	0037	1.2650	0.23000	1.3036	0.03971	0.04065	17	-0.97	1%	1
032.43	Potassium, ICP, Microwave (%)	0918	1.1855	0.09100	1.3217	0.04234	0.03674	28	-3.22	5%	0
032.43	Potassium, ICP, Microwave (%)	0505	1.2650	0.01000	1.3217	0.04234	0.03674	28	-1.34	2%	0
032.43	Potassium, ICP, Microwave (%)	0964	1.2653	0.05980	1.3217	0.04234	0.03674	28	-1.33	2%	0

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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
032.43	Potassium, ICP, Microwave (%)	0013	1.2700	0.00000	1.3217	0.04234	0.03674	28	-1.22	2%	0
032.43	Potassium, ICP, Microwave (%)	0032	1.2885	0.04300	1.3217	0.04234	0.03674	28	-0.78	1%	0
032.43	Potassium, ICP, Microwave (%)	0682	1.2900	0.00000	1.3217	0.04234	0.03674	28	-0.75	1%	0
032.43	Potassium, ICP, Microwave (%)	0861	1.2900	0.00000	1.3217	0.04234	0.03674	28	-0.75	1%	0
032.43	Potassium, ICP, Microwave (%)	0035	1.3000	0.04000	1.3217	0.04234	0.03674	28	-0.51	1%	0
032.43	Potassium, ICP, Microwave (%)	0218	1.3000	0.00000	1.3217	0.04234	0.03674	28	-0.51	1%	0
032.43	Potassium, ICP, Microwave (%)	0345	1.3050	0.03000	1.3217	0.04234	0.03674	28	-0.39	1%	0
032.43	Potassium, ICP, Microwave (%)	0202	1.3055	0.00700	1.3217	0.04234	0.03674	28	-0.38	1%	0
032.43	Potassium, ICP, Microwave (%)	0098	1.3100	0.10000	1.3217	0.04234	0.03674	28	-0.28	0%	0
032.43	Potassium, ICP, Microwave (%)	0010	1.3200	0.10000	1.3217	0.04234	0.03674	28	-0.04	0%	0
032.43	Potassium, ICP, Microwave (%)	0033	1.3200	0.04000	1.3217	0.04234	0.03674	28	-0.04	0%	0
032.43	Potassium, ICP, Microwave (%)	0034	1.3240	0.05200	1.3217	0.04234	0.03674	28	0.05	0%	0
032.43	Potassium, ICP, Microwave (%)	0353	1.3250	0.01000	1.3217	0.04234	0.03674	28	0.08	0%	0
032.43	Potassium, ICP, Microwave (%)	0027	1.3255	0.11900	1.3217	0.04234	0.03674	28	0.09	0%	0
032.43	Potassium, ICP, Microwave (%)	0038	1.3350	0.03000	1.3217	0.04234	0.03674	28	0.31	1%	0
032.43	Potassium, ICP, Microwave (%)	0510	1.3350	0.01000	1.3217	0.04234	0.03674	28	0.31	1%	0
032.43	Potassium, ICP, Microwave (%)	0083	1.3450	0.01000	1.3217	0.04234	0.03674	28	0.55	1%	0
032.43	Potassium, ICP, Microwave (%)	0425	1.3450	0.01000	1.3217	0.04234	0.03674	28	0.55	1%	0
032.43	Potassium, ICP, Microwave (%)	0668	1.3450	0.05000	1.3217	0.04234	0.03674	28	0.55	1%	0
032.43	Potassium, ICP, Microwave (%)	0675	1.3450	0.03000	1.3217	0.04234	0.03674	28	0.55	1%	0
032.43	Potassium, ICP, Microwave (%)	0610	1.3550	0.03000	1.3217	0.04234	0.03674	28	0.79	1%	0
032.43	Potassium, ICP, Microwave (%)	0968	1.4005	0.01500	1.3217	0.04234	0.03674	28	1.86	3%	0
032.43	Potassium, ICP, Microwave (%)	2089	1.4200	0.10000	1.3217	0.04234	0.03674	28	2.32	4%	0
032.43	Potassium, ICP, Microwave (%)	0017	1.4760	0.04200	1.3217	0.04234	0.03674	28	3.64	6%	0
032.43	Potassium, ICP, Microwave (%)	0089	1.5500	0.00000	1.3217	0.04234	0.03674	28	5.39	9%	0
032.44	Potassium, ICP, Dry ash (%)	0152	1.4350	0.01000				1			0
032.51	Potassium, ICP-MS, Dry ash (%)	2146	1.2900	0.04000				1			0
032.52	Potassium, ICP-MS, Open vessel (%)	0186	1.1950	0.01000				2			0
032.52	Potassium, ICP-MS, Open vessel (%)	0154	1.2310	0.29220				2			0
032.53	Potassium, ICP-MS, Microwave (%)	2055	1.2321	0.11180				3			0
032.53	Potassium, ICP-MS, Microwave (%)	0553	1.2900	0.04000				3			0
032.53	Potassium, ICP-MS, Microwave (%)	0572	1.4350	0.05000				3			0
032.99	Potassium, Miscellaneous (%)	0100	1.2300	0.04000	1.3195	0.06616	0.01800	4			0
032.99	Potassium, Miscellaneous (%)	0590	1.3150	0.01000	1.3195	0.06616	0.01800	4			0
032.99	Potassium, Miscellaneous (%)	0001	1.3480	0.01200	1.3195	0.06616	0.01800	4			0
032.99	Potassium, Miscellaneous (%)	0242	1.3850	0.01000	1.3195	0.06616	0.01800	4			0
032.99	Potassium, Miscellaneous (%)	0889	0.51275	0.04930	1.3195	0.06616	0.01800	4			2
033.00	Salt as chloride, Sol Cl (%)	2145	1.9350	0.03000	3.3719	0.17473	0.05876	22	-8.22	21%	0
033.00	Salt as chloride, Sol Cl (%)	0298	2.1300	0.02000	3.3719	0.17473	0.05876	22	-7.11	18%	0
033.00	Salt as chloride, Sol Cl (%)	0171	2.7700	0.04000	3.3719	0.17473	0.05876	22	-3.44	9%	0
033.00	Salt as chloride, Sol Cl (%)	2193	2.9950	0.09000	3.3719	0.17473	0.05876	22	-2.16	6%	0
033.00	Salt as chloride, Sol Cl (%)	0504	3.3100	0.04000	3.3719	0.17473	0.05876	22	-0.35	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	
033.00	Salt as chloride, Sol Cl (%)	0675	3.3250	0.21000	3.3719	0.17473	0.05876	22	-0.27	1%	0
033.00	Salt as chloride, Sol Cl (%)	0511	3.3300	0.00000	3.3719	0.17473	0.05876	22	-0.24	1%	0
033.00	Salt as chloride, Sol Cl (%)	2196	3.3300	0.00000	3.3719	0.17473	0.05876	22	-0.24	1%	0
033.00	Salt as chloride, Sol Cl (%)	0881	3.3395	0.09900	3.3719	0.17473	0.05876	22	-0.19	0%	0
033.00	Salt as chloride, Sol Cl (%)	0353	3.3450	0.03000	3.3719	0.17473	0.05876	22	-0.15	0%	0
033.00	Salt as chloride, Sol Cl (%)	0539	3.3600	0.06000	3.3719	0.17473	0.05876	22	-0.07	0%	0
033.00	Salt as chloride, Sol Cl (%)	0169	3.4100	0.02000	3.3719	0.17473	0.05876	22	0.22	1%	0
033.00	Salt as chloride, Sol Cl (%)	0045	3.4200	0.08000	3.3719	0.17473	0.05876	22	0.28	1%	0
033.00	Salt as chloride, Sol Cl (%)	0921	3.4200	0.22000	3.3719	0.17473	0.05876	22	0.28	1%	0
033.00	Salt as chloride, Sol Cl (%)	2009	3.4316	0.00570	3.3719	0.17473	0.05876	22	0.34	1%	0
033.00	Salt as chloride, Sol Cl (%)	0878	3.4350	0.03000	3.3719	0.17473	0.05876	22	0.36	1%	0
033.00	Salt as chloride, Sol Cl (%)	0897	3.4650	0.05000	3.3719	0.17473	0.05876	22	0.53	1%	0
033.00	Salt as chloride, Sol Cl (%)	0693	3.5115	0.08700	3.3719	0.17473	0.05876	22	0.80	2%	0
033.00	Salt as chloride, Sol Cl (%)	2022	3.5500	0.02000	3.3719	0.17473	0.05876	22	1.02	3%	0
033.00	Salt as chloride, Sol Cl (%)	2190	3.5774	0.09900	3.3719	0.17473	0.05876	22	1.18	3%	0
033.00	Salt as chloride, Sol Cl (%)	0309	3.5775	0.05210	3.3719	0.17473	0.05876	22	1.18	3%	0
033.00	Salt as chloride, Sol Cl (%)	0895	3.6050	0.01000	3.3719	0.17473	0.05876	22	1.33	3%	0
033.01	Salt as chloride, Poten Cl (%)	0619	3.3500	0.04000	3.5394	0.09976	0.05392	35	-1.90	3%	0
033.01	Salt as chloride, Poten Cl (%)	0229	3.3750	0.03000	3.5394	0.09976	0.05392	35	-1.65	2%	0
033.01	Salt as chloride, Poten Cl (%)	2109	3.4025	0.17300	3.5394	0.09976	0.05392	35	-1.37	2%	0
033.01	Salt as chloride, Poten Cl (%)	0164	3.4100	0.00000	3.5394	0.09976	0.05392	35	-1.30	2%	0
033.01	Salt as chloride, Poten Cl (%)	0100	3.4250	0.05000	3.5394	0.09976	0.05392	35	-1.15	2%	0
033.01	Salt as chloride, Poten Cl (%)	0011	3.4313	0.00000	3.5394	0.09976	0.05392	35	-1.08	2%	0
033.01	Salt as chloride, Poten Cl (%)	0003	3.4500	0.10000	3.5394	0.09976	0.05392	35	-0.90	1%	0
033.01	Salt as chloride, Poten Cl (%)	0098	3.4600	0.02000	3.5394	0.09976	0.05392	35	-0.80	1%	0
033.01	Salt as chloride, Poten Cl (%)	0175	3.4650	0.03000	3.5394	0.09976	0.05392	35	-0.75	1%	0
033.01	Salt as chloride, Poten Cl (%)	0590	3.4850	0.17000	3.5394	0.09976	0.05392	35	-0.55	1%	0
033.01	Salt as chloride, Poten Cl (%)	0354	3.4900	0.00000	3.5394	0.09976	0.05392	35	-0.50	1%	0
033.01	Salt as chloride, Poten Cl (%)	0413	3.5000	0.06000	3.5394	0.09976	0.05392	35	-0.39	1%	0
033.01	Salt as chloride, Poten Cl (%)	0874	3.5050	0.01000	3.5394	0.09976	0.05392	35	-0.34	0%	0
033.01	Salt as chloride, Poten Cl (%)	0939	3.5050	0.11000	3.5394	0.09976	0.05392	35	-0.34	0%	0
033.01	Salt as chloride, Poten Cl (%)	0948	3.5150	0.01000	3.5394	0.09976	0.05392	35	-0.24	0%	0
033.01	Salt as chloride, Poten Cl (%)	0148	3.5400	0.00000	3.5394	0.09976	0.05392	35	0.01	0%	0
033.01	Salt as chloride, Poten Cl (%)	0010	3.5450	0.01000	3.5394	0.09976	0.05392	35	0.06	0%	0
033.01	Salt as chloride, Poten Cl (%)	0242	3.5450	0.03000	3.5394	0.09976	0.05392	35	0.06	0%	0
033.01	Salt as chloride, Poten Cl (%)	0650	3.5600	0.02000	3.5394	0.09976	0.05392	35	0.21	0%	0
033.01	Salt as chloride, Poten Cl (%)	0226	3.5600	0.00000	3.5394	0.09976	0.05392	35	0.21	0%	0
033.01	Salt as chloride, Poten Cl (%)	0861	3.5650	0.01000	3.5394	0.09976	0.05392	35	0.26	0%	0
033.01	Salt as chloride, Poten Cl (%)	0004	3.5700	0.10000	3.5394	0.09976	0.05392	35	0.31	0%	0
033.01	Salt as chloride, Poten Cl (%)	0510	3.5700	0.02000	3.5394	0.09976	0.05392	35	0.31	0%	0
033.01	Salt as chloride, Poten Cl (%)	0407	3.5800	0.00000	3.5394	0.09976	0.05392	35	0.41	1%	0
033.01	Salt as chloride, Poten Cl (%)	0083	3.5850	0.07000	3.5394	0.09976	0.05392	35	0.46	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
033.01	Salt as chloride, Poten Cl (%)	0001	3.5900	0.04000	3.5394	0.09976	0.05392	35	0.51	1%	0
033.01	Salt as chloride, Poten Cl (%)	2146	3.5900	0.00000	3.5394	0.09976	0.05392	35	0.51	1%	0
033.01	Salt as chloride, Poten Cl (%)	0644	3.6175	0.05420	3.5394	0.09976	0.05392	35	0.78	1%	0
033.01	Salt as chloride, Poten Cl (%)	0205	3.6300	0.10000	3.5394	0.09976	0.05392	35	0.91	1%	0
033.01	Salt as chloride, Poten Cl (%)	0278	3.6400	0.04000	3.5394	0.09976	0.05392	35	1.01	1%	0
033.01	Salt as chloride, Poten Cl (%)	0028	3.6450	0.21000	3.5394	0.09976	0.05392	35	1.06	1%	0
033.01	Salt as chloride, Poten Cl (%)	0596	3.6600	0.00000	3.5394	0.09976	0.05392	35	1.21	2%	0
033.01	Salt as chloride, Poten Cl (%)	0425	3.6850	0.07000	3.5394	0.09976	0.05392	35	1.46	2%	0
033.01	Salt as chloride, Poten Cl (%)	0019	3.6900	0.22000	3.5394	0.09976	0.05392	35	1.51	2%	0
033.01	Salt as chloride, Poten Cl (%)	0964	3.7270	0.09000	3.5394	0.09976	0.05392	35	1.88	3%	0
033.03	Salt as chloride, Quantab (%)	0265	3.3000	0.00000				3			0
033.03	Salt as chloride, Quantab (%)	0190	3.4200	0.00000				3			0
033.03	Salt as chloride, Quantab (%)	0505	3.7000	0.02000				3			0
033.03	Salt as chloride, Quantab (%)	0144	3.7450	0.31000				3			1
033.05	Salt as chloride, Ion Sel Electrode (%)	0868	3.4500	0.04000				3			0
033.05	Salt as chloride, Ion Sel Electrode (%)	0689	3.5200	0.06000				3			0
033.05	Salt as chloride, Ion Sel Electrode (%)	2129	3.5650	0.09000				3			0
033.99	Salt, Miscellaneous (%)	0358	3.2400	0.24000	3.5776	0.23598	0.26456	9	-1.43	5%	0
033.99	Salt, Miscellaneous (%)	0027	3.3835	0.39300	3.5776	0.23598	0.26456	9	-0.82	3%	0
033.99	Salt, Miscellaneous (%)	0910	3.4550	0.33000	3.5776	0.23598	0.26456	9	-0.52	2%	0
033.99	Salt, Miscellaneous (%)	0682	3.5100	0.00000	3.5776	0.23598	0.26456	9	-0.29	1%	0
033.99	Salt, Miscellaneous (%)	2181	3.5600	0.02000	3.5776	0.23598	0.26456	9	-0.07	0%	0
033.99	Salt, Miscellaneous (%)	0017	3.6980	0.21800	3.5776	0.23598	0.26456	9	0.51	2%	0
033.99	Salt, Miscellaneous (%)	2144	3.7050	0.01000	3.5776	0.23598	0.26456	9	0.54	2%	0
033.99	Salt, Miscellaneous (%)	2073	3.7150	0.15000	3.5776	0.23598	0.26456	9	0.58	2%	0
033.99	Salt, Miscellaneous (%)	0853	4.1800	1.0200	3.5776	0.23598	0.26456	9	2.55	8%	0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0164	4.9500	0.02000	5.5045	0.35594	0.11344	5			0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0035	5.4875	0.03700	5.5045	0.35594	0.11344	5			0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0171	5.5649	0.27020	5.5045	0.35594	0.11344	5			0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0169	5.5800	0.02000	5.5045	0.35594	0.11344	5			0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0610	5.9400	0.22000	5.5045	0.35594	0.11344	5			0
034.31	Selenium, AAS, Dry ash (mg / kg (ppm))	0939	6.3100	0.02000				1			0
034.41	Selenium, ICP, Dry ash (mg / kg (ppm))	0011	2.8710	0.18000				3			0
034.41	Selenium, ICP, Dry ash (mg / kg (ppm))	0619	4.1750	0.05000				3			0
034.41	Selenium, ICP, Dry ash (mg / kg (ppm))	0148	5.6400	0.00000				3			0
034.43	Selenium, ICP, Microwave (mg / kg (ppm))	0407	5.4850	0.45000	6.0471	0.54353	0.25030	5			0
034.43	Selenium, ICP, Microwave (mg / kg (ppm))	0964	5.6161	0.44450	6.0471	0.54353	0.25030	5			0
034.43	Selenium, ICP, Microwave (mg / kg (ppm))	0027	6.0495	0.00700	6.0471	0.54353	0.25030	5			0
034.43	Selenium, ICP, Microwave (mg / kg (ppm))	0968	6.2350	0.05000	6.0471	0.54353	0.25030	5			0
034.43	Selenium, ICP, Microwave (mg / kg (ppm))	0036	6.8500	0.30000	6.0471	0.54353	0.25030	5			0
034.43	Selenium, ICP, Microwave (mg / kg (ppm))	0218	< 22		6.0471	0.54353	0.25030	5			5
034.52	Selenium, ICP-MS, Open vessel (mg / kg (ppm))	0910	5.3400	0.34000	5.5788	0.23925	0.22750	4			0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
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034.52	Selenium, ICP-MS, Open vessel (mg / kg (ppm))	0047	5.4200	0.20000	5.5788	0.23925	0.22750	4			0
034.52	Selenium, ICP-MS, Open vessel (mg / kg (ppm))	0186	5.7050	0.25000	5.5788	0.23925	0.22750	4			0
034.52	Selenium, ICP-MS, Open vessel (mg / kg (ppm))	0208	5.8500	0.12000	5.5788	0.23925	0.22750	4			0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	0032	4.1500	0.20000	5.7507	1.0904	0.27336	9	-1.47	14%	0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	2055	4.5750	0.17000	5.7507	1.0904	0.27336	9	-1.08	10%	0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	0218	5.5000	0.20000	5.7507	1.0904	0.27336	9	-0.23	2%	0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	0098	5.7670	0.51600	5.7507	1.0904	0.27336	9	0.01	0%	0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	0013	5.7700	0.02000	5.7507	1.0904	0.27336	9	0.02	0%	0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	0553	5.9450	0.33000	5.7507	1.0904	0.27336	9	0.18	2%	0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	0560	6.3050	0.17000	5.7507	1.0904	0.27336	9	0.51	5%	0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	0918	6.3579	0.26420	5.7507	1.0904	0.27336	9	0.56	5%	0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	2012	8.0350	0.59000	5.7507	1.0904	0.27336	9	2.09	20%	0
034.99	Selenium, Miscellaneous (mg / kg (ppm))	0190	4.6850	0.11000				1			0
035.01	Sodium, Ion-selective electrode (%)	0881	1.2480	0.00400				3			0
035.01	Sodium, Ion-selective electrode (%)	0868	1.2550	0.03000				3			0
035.01	Sodium, Ion-selective electrode (%)	2006	1.3235	0.01100				3			0
035.05	Sodium, Flame Emission (%)	0037	1.3050	0.07000				3			0
035.05	Sodium, Flame Emission (%)	0504	1.3150	0.05000				3			0
035.05	Sodium, Flame Emission (%)	0108	1.3700	0.10000				3			0
035.31	Sodium, AAS, Dry ash (%)	0175	1.1100	0.02000	1.2622	0.09037	0.01988	16	-1.68	6%	0
035.31	Sodium, AAS, Dry ash (%)	0142	1.1689	0.00670	1.2622	0.09037	0.01988	16	-1.03	4%	0
035.31	Sodium, AAS, Dry ash (%)	2196	1.1800	0.00000	1.2622	0.09037	0.01988	16	-0.91	3%	0
035.31	Sodium, AAS, Dry ash (%)	0536	1.1900	0.00000	1.2622	0.09037	0.01988	16	-0.80	3%	0
035.31	Sodium, AAS, Dry ash (%)	0354	1.2100	0.02000	1.2622	0.09037	0.01988	16	-0.58	2%	0
035.31	Sodium, AAS, Dry ash (%)	2195	1.2200	0.02000	1.2622	0.09037	0.01988	16	-0.47	2%	0
035.31	Sodium, AAS, Dry ash (%)	0868	1.2400	0.00000	1.2622	0.09037	0.01988	16	-0.25	1%	0
035.31	Sodium, AAS, Dry ash (%)	0208	1.2500	0.02000	1.2622	0.09037	0.01988	16	-0.13	0%	0
035.31	Sodium, AAS, Dry ash (%)	2097	1.2599	0.03130	1.2622	0.09037	0.01988	16	-0.03	0%	0
035.31	Sodium, AAS, Dry ash (%)	0038	1.2910	0.02800	1.2622	0.09037	0.01988	16	0.32	1%	0
035.31	Sodium, AAS, Dry ash (%)	0948	1.2930	0.01200	1.2622	0.09037	0.01988	16	0.34	1%	0
035.31	Sodium, AAS, Dry ash (%)	0939	1.2950	0.05000	1.2622	0.09037	0.01988	16	0.36	1%	0
035.31	Sodium, AAS, Dry ash (%)	0689	1.3300	0.02000	1.2622	0.09037	0.01988	16	0.75	3%	0
035.31	Sodium, AAS, Dry ash (%)	2188	1.3450	0.01000	1.2622	0.09037	0.01988	16	0.92	3%	0
035.31	Sodium, AAS, Dry ash (%)	0874	1.4000	0.06000	1.2622	0.09037	0.01988	16	1.53	5%	0
035.31	Sodium, AAS, Dry ash (%)	2126	1.4200	0.02000	1.2622	0.09037	0.01988	16	1.75	6%	0
035.31	Sodium, AAS, Dry ash (%)	0650	1.2500	0.16000	1.2622	0.09037	0.01988	16	-0.13	0%	1
035.31	Sodium, AAS, Dry ash (%)	0233	0.13000	0.00000	1.2622	0.09037	0.01988	16	-12.53	45%	2
035.32	Sodium, AAS, Open vessel (%)	0169	1.0150	0.01000				1			0
035.41	Sodium, ICP, Dry ash (%)	0098	1.0700	0.02000	1.2324	0.07660	0.03991	26	-2.12	7%	0
035.41	Sodium, ICP, Dry ash (%)	0619	1.1350	0.03000	1.2324	0.07660	0.03991	26	-1.27	4%	0
035.41	Sodium, ICP, Dry ash (%)	0298	1.1400	0.02000	1.2324	0.07660	0.03991	26	-1.21	4%	0
035.41	Sodium, ICP, Dry ash (%)	0511	1.1400	0.16000	1.2324	0.07660	0.03991	26	-1.21	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			
035.41	Sodium, ICP, Dry ash (%)	0148	1.1450	0.03000	1.2324	0.07660	0.03991	26	-1.14	4%	0
035.41	Sodium, ICP, Dry ash (%)	0049	1.1650	0.15000	1.2324	0.07660	0.03991	26	-0.88	3%	0
035.41	Sodium, ICP, Dry ash (%)	2012	1.1750	0.01000	1.2324	0.07660	0.03991	26	-0.75	2%	0
035.41	Sodium, ICP, Dry ash (%)	0139	1.1950	0.00400	1.2324	0.07660	0.03991	26	-0.49	2%	0
035.41	Sodium, ICP, Dry ash (%)	0598	1.2075	0.07500	1.2324	0.07660	0.03991	26	-0.33	1%	0
035.41	Sodium, ICP, Dry ash (%)	0144	1.2100	0.08000	1.2324	0.07660	0.03991	26	-0.29	1%	0
035.41	Sodium, ICP, Dry ash (%)	0164	1.2150	0.03000	1.2324	0.07660	0.03991	26	-0.23	1%	0
035.41	Sodium, ICP, Dry ash (%)	0229	1.2160	0.04200	1.2324	0.07660	0.03991	26	-0.21	1%	0
035.41	Sodium, ICP, Dry ash (%)	0405	1.2200	0.00000	1.2324	0.07660	0.03991	26	-0.16	1%	0
035.41	Sodium, ICP, Dry ash (%)	0171	1.2400	0.00000	1.2324	0.07660	0.03991	26	0.10	0%	0
035.41	Sodium, ICP, Dry ash (%)	0910	1.2450	0.03000	1.2324	0.07660	0.03991	26	0.16	1%	0
035.41	Sodium, ICP, Dry ash (%)	0653	1.2555	0.03700	1.2324	0.07660	0.03991	26	0.30	1%	0
035.41	Sodium, ICP, Dry ash (%)	0019	1.2600	0.04000	1.2324	0.07660	0.03991	26	0.36	1%	0
035.41	Sodium, ICP, Dry ash (%)	0208	1.2655	0.00900	1.2324	0.07660	0.03991	26	0.43	1%	0
035.41	Sodium, ICP, Dry ash (%)	0407	1.2963	0.04330	1.2324	0.07660	0.03991	26	0.83	3%	0
035.41	Sodium, ICP, Dry ash (%)	0413	1.3000	0.00000	1.2324	0.07660	0.03991	26	0.88	3%	0
035.41	Sodium, ICP, Dry ash (%)	0878	1.3000	0.06000	1.2324	0.07660	0.03991	26	0.88	3%	0
035.41	Sodium, ICP, Dry ash (%)	0358	1.3050	0.03000	1.2324	0.07660	0.03991	26	0.95	3%	0
035.41	Sodium, ICP, Dry ash (%)	0520	1.3079	0.12430	1.2324	0.07660	0.03991	26	0.98	3%	0
035.41	Sodium, ICP, Dry ash (%)	0123	1.3100	0.00000	1.2324	0.07660	0.03991	26	1.01	3%	0
035.41	Sodium, ICP, Dry ash (%)	0226	1.3300	0.01000	1.2324	0.07660	0.03991	26	1.27	4%	0
035.41	Sodium, ICP, Dry ash (%)	0695	1.4045	0.00300	1.2324	0.07660	0.03991	26	2.25	7%	0
035.42	Sodium, ICP, Open vessel (%)	0294	1.1500	0.02000	1.2725	0.05486	0.04734	14	-2.23	5%	0
035.42	Sodium, ICP, Open vessel (%)	0042	1.1600	0.04000	1.2725	0.05486	0.04734	14	-2.05	4%	0
035.42	Sodium, ICP, Open vessel (%)	0186	1.2250	0.01000	1.2725	0.05486	0.04734	14	-0.87	2%	0
035.42	Sodium, ICP, Open vessel (%)	0870	1.2550	0.04400	1.2725	0.05486	0.04734	14	-0.32	1%	0
035.42	Sodium, ICP, Open vessel (%)	0693	1.2635	0.06700	1.2725	0.05486	0.04734	14	-0.16	0%	0
035.42	Sodium, ICP, Open vessel (%)	0278	1.2650	0.03000	1.2725	0.05486	0.04734	14	-0.14	0%	0
035.42	Sodium, ICP, Open vessel (%)	0190	1.2700	0.06000	1.2725	0.05486	0.04734	14	-0.05	0%	0
035.42	Sodium, ICP, Open vessel (%)	0035	1.2750	0.01000	1.2725	0.05486	0.04734	14	0.05	0%	0
035.42	Sodium, ICP, Open vessel (%)	2053	1.2750	0.05000	1.2725	0.05486	0.04734	14	0.05	0%	0
035.42	Sodium, ICP, Open vessel (%)	0265	1.2900	0.16000	1.2725	0.05486	0.04734	14	0.32	1%	0
035.42	Sodium, ICP, Open vessel (%)	0560	1.3116	0.08180	1.2725	0.05486	0.04734	14	0.71	2%	0
035.42	Sodium, ICP, Open vessel (%)	0187	1.3200	0.00000	1.2725	0.05486	0.04734	14	0.87	2%	0
035.42	Sodium, ICP, Open vessel (%)	0045	1.3300	0.06000	1.2725	0.05486	0.04734	14	1.05	2%	0
035.42	Sodium, ICP, Open vessel (%)	0205	1.3950	0.03000	1.2725	0.05486	0.04734	14	2.23	5%	0
035.43	Sodium, ICP, Microwave (%)	0034	0.79095	0.03990	1.2827	0.06730	0.04045	24	-7.31	19%	0
035.43	Sodium, ICP, Microwave (%)	0089	1.0700	0.00000	1.2827	0.06730	0.04045	24	-3.16	8%	0
035.43	Sodium, ICP, Microwave (%)	0675	1.1950	0.05000	1.2827	0.06730	0.04045	24	-1.30	3%	0
035.43	Sodium, ICP, Microwave (%)	0218	1.2000	0.00000	1.2827	0.06730	0.04045	24	-1.23	3%	0
035.43	Sodium, ICP, Microwave (%)	0202	1.2325	0.02700	1.2827	0.06730	0.04045	24	-0.75	2%	0
035.43	Sodium, ICP, Microwave (%)	0345	1.2350	0.03000	1.2827	0.06730	0.04045	24	-0.71	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	
035.43	Sodium, ICP, Microwave (%)	0098	1.2400	0.04000	1.2827	0.06730	0.04045	24	-0.63	2%	0
035.43	Sodium, ICP, Microwave (%)	0035	1.2750	0.07000	1.2827	0.06730	0.04045	24	-0.11	0%	0
035.43	Sodium, ICP, Microwave (%)	0505	1.2750	0.01000	1.2827	0.06730	0.04045	24	-0.11	0%	0
035.43	Sodium, ICP, Microwave (%)	0668	1.2750	0.01000	1.2827	0.06730	0.04045	24	-0.11	0%	0
035.43	Sodium, ICP, Microwave (%)	0510	1.2760	0.01800	1.2827	0.06730	0.04045	24	-0.10	0%	0
035.43	Sodium, ICP, Microwave (%)	2192	1.2800	0.04000	1.2827	0.06730	0.04045	24	-0.04	0%	0
035.43	Sodium, ICP, Microwave (%)	0038	1.2925	0.03500	1.2827	0.06730	0.04045	24	0.15	0%	0
035.43	Sodium, ICP, Microwave (%)	0353	1.2950	0.05000	1.2827	0.06730	0.04045	24	0.18	0%	0
035.43	Sodium, ICP, Microwave (%)	0861	1.2950	0.07000	1.2827	0.06730	0.04045	24	0.18	0%	0
035.43	Sodium, ICP, Microwave (%)	0918	1.2985	0.08900	1.2827	0.06730	0.04045	24	0.23	1%	0
035.43	Sodium, ICP, Microwave (%)	0425	1.3000	0.04000	1.2827	0.06730	0.04045	24	0.26	1%	0
035.43	Sodium, ICP, Microwave (%)	0682	1.3100	0.00000	1.2827	0.06730	0.04045	24	0.41	1%	0
035.43	Sodium, ICP, Microwave (%)	0964	1.3243	0.07580	1.2827	0.06730	0.04045	24	0.62	2%	0
035.43	Sodium, ICP, Microwave (%)	0083	1.3350	0.03000	1.2827	0.06730	0.04045	24	0.78	2%	0
035.43	Sodium, ICP, Microwave (%)	0032	1.3400	0.02000	1.2827	0.06730	0.04045	24	0.85	2%	0
035.43	Sodium, ICP, Microwave (%)	2089	1.3800	0.12000	1.2827	0.06730	0.04045	24	1.45	4%	0
035.43	Sodium, ICP, Microwave (%)	0610	1.3900	0.02000	1.2827	0.06730	0.04045	24	1.59	4%	0
035.43	Sodium, ICP, Microwave (%)	0017	1.4550	0.08600	1.2827	0.06730	0.04045	24	2.56	7%	0
035.51	Sodium, ICP-MS, Dry ash (%)	2146	1.2500	0.02000				1			0
035.52	Sodium, ICP-MS, Open vessel (%)	0186	1.2650	0.01000				2			0
035.52	Sodium, ICP-MS, Open vessel (%)	0154	1.4095	0.03650				2			0
035.53	Sodium, ICP-MS, Microwave (%)	2055	1.1700	0.11620				3			0
035.53	Sodium, ICP-MS, Microwave (%)	0572	1.2800	0.00000				3			0
035.53	Sodium, ICP-MS, Microwave (%)	0553	1.4250	0.05000				3			0
035.99	Sodium, Miscellaneous (%)	0889	1.0461	0.06510	1.1965	0.10840	0.03128	4			0
035.99	Sodium, Miscellaneous (%)	0590	1.2000	0.04000	1.1965	0.10840	0.03128	4			0
035.99	Sodium, Miscellaneous (%)	0100	1.2400	0.00000	1.1965	0.10840	0.03128	4			0
035.99	Sodium, Miscellaneous (%)	0242	1.3000	0.02000	1.1965	0.10840	0.03128	4			0
036.04	Sulfur, LECO (%)	0229	0.36500	0.01000				3			0
036.04	Sulfur, LECO (%)	0226	0.39000	0.02000				3			0
036.04	Sulfur, LECO (%)	0148	0.39205	0.01130				3			0
036.42	Sulfur, ICP, Open vessel (%)	0870	0.33565	0.00670	0.37477	0.02683	0.01282	17	-1.46	5%	0
036.42	Sulfur, ICP, Open vessel (%)	0045	0.34050	0.02700	0.37477	0.02683	0.01282	17	-1.28	5%	0
036.42	Sulfur, ICP, Open vessel (%)	0265	0.34500	0.03000	0.37477	0.02683	0.01282	17	-1.11	4%	0
036.42	Sulfur, ICP, Open vessel (%)	0037	0.35500	0.03000	0.37477	0.02683	0.01282	17	-0.74	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0693	0.36350	0.00900	0.37477	0.02683	0.01282	17	-0.42	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0164	0.36500	0.01000	0.37477	0.02683	0.01282	17	-0.36	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0229	0.36500	0.01000	0.37477	0.02683	0.01282	17	-0.36	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0171	0.36600	0.00200	0.37477	0.02683	0.01282	17	-0.33	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0357	0.37510	0.00420	0.37477	0.02683	0.01282	17	0.01	0%	0
036.42	Sulfur, ICP, Open vessel (%)	0407	0.37530	0.00920	0.37477	0.02683	0.01282	17	0.02	0%	0
036.42	Sulfur, ICP, Open vessel (%)	0187	0.37900	0.00500	0.37477	0.02683	0.01282	17	0.16	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 (%)	0560	0.39000	0.01280	0.37477	0.02683	0.01282	17	0.57	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0186	0.39300	0.00200	0.37477	0.02683	0.01282	17	0.68	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0035	0.40000	0.02000	0.37477	0.02683	0.01282	17	0.94	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0278	0.40000	0.02000	0.37477	0.02683	0.01282	17	0.94	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0708	0.40800	0.00000	0.37477	0.02683	0.01282	17	1.24	4%	0
036.42	Sulfur, ICP, Open vessel (%)	0294	0.47000	0.02000	0.37477	0.02683	0.01282	17	3.55	13%	0
036.43	Sulfur, ICP, Microwave (%)	0345	0.33500	0.01000	0.38630	0.02332	0.00792	13	-2.20	7%	0
036.43	Sulfur, ICP, Microwave (%)	0035	0.37000	0.00000	0.38630	0.02332	0.00792	13	-0.70	2%	0
036.43	Sulfur, ICP, Microwave (%)	0169	0.37000	0.00000	0.38630	0.02332	0.00792	13	-0.70	2%	0
036.43	Sulfur, ICP, Microwave (%)	0083	0.37500	0.01000	0.38630	0.02332	0.00792	13	-0.48	1%	0
036.43	Sulfur, ICP, Microwave (%)	0918	0.37650	0.00500	0.38630	0.02332	0.00792	13	-0.42	1%	0
036.43	Sulfur, ICP, Microwave (%)	0038	0.37950	0.00700	0.38630	0.02332	0.00792	13	-0.29	1%	0
036.43	Sulfur, ICP, Microwave (%)	0353	0.38000	0.02000	0.38630	0.02332	0.00792	13	-0.27	1%	0
036.43	Sulfur, ICP, Microwave (%)	0668	0.38300	0.01000	0.38630	0.02332	0.00792	13	-0.14	0%	0
036.43	Sulfur, ICP, Microwave (%)	0202	0.38800	0.00600	0.38630	0.02332	0.00792	13	0.07	0%	0
036.43	Sulfur, ICP, Microwave (%)	0098	0.40145	0.00350	0.38630	0.02332	0.00792	13	0.65	2%	0
036.43	Sulfur, ICP, Microwave (%)	0218	0.40500	0.01000	0.38630	0.02332	0.00792	13	0.80	2%	0
036.43	Sulfur, ICP, Microwave (%)	0032	0.42090	0.02140	0.38630	0.02332	0.00792	13	1.48	4%	0
036.43	Sulfur, ICP, Microwave (%)	0510	0.43000	0.00000	0.38630	0.02332	0.00792	13	1.87	6%	0
036.43	Sulfur, ICP, Microwave (%)	2089	0.41500	0.05000	0.38630	0.02332	0.00792	13	1.23	4%	1
036.52	Sulfur, ICP-MS, Open vessel (%)	0186	0.37600	0.01200				2			0
036.52	Sulfur, ICP-MS, Open vessel (%)	0910	3,701.5	43.000				2			0
036.53	Sulfur, ICP-MS, Microwave (%)	0553	0.41650	0.01300				1			0
036.99	Sulfur, Miscellaneous (%)	0889	0.34495	0.00750				2			0
036.99	Sulfur, Miscellaneous (%)	0242	0.40000	0.02000				2			0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0536	525.94	26.120	695.91	45.208	16.474	14	-3.76	12%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	2097	609.33	1.2281	695.91	45.208	16.474	14	-1.92	6%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0868	649.04	2.5200	695.91	45.208	16.474	14	-1.04	3%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	2195	678.36	8.1000	695.91	45.208	16.474	14	-0.39	1%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	2196	683.80	0.00000	695.91	45.208	16.474	14	-0.27	1%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0175	695.00	10.000	695.91	45.208	16.474	14	-0.02	0%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	2188	695.00	64.000	695.91	45.208	16.474	14	-0.02	0%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0939	703.43	17.670	695.91	45.208	16.474	14	0.17	1%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	2022	709.66	0.29000	695.91	45.208	16.474	14	0.30	1%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0354	710.35	6.5100	695.91	45.208	16.474	14	0.32	1%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0689	725.15	19.500	695.91	45.208	16.474	14	0.65	2%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0208	740.00	40.000	695.91	45.208	16.474	14	0.98	3%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0001	743.25	15.700	695.91	45.208	16.474	14	1.05	3%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0874	753.50	19.000	695.91	45.208	16.474	14	1.27	4%	0
037.32	Zinc, AAS, Open vessel (mg / kg (ppm))	0038	652.00	6.0000				2			0
037.32	Zinc, AAS, Open vessel (mg / kg (ppm))	2128	660.57	96.385				2			0
037.33	Zinc, AAS, Microwave (mg / kg (ppm))	0948	735.83	1.7520				2			0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
037.33	Zinc, AAS, Microwave (mg / kg (ppm))	0010	755.00	10.000				2			0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	2012	574.74	19.430	664.85	45.770	22.040	23	-1.97	7%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0619	585.50	7.0000	664.85	45.770	22.040	23	-1.73	6%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0164	591.00	14.000	664.85	45.770	22.040	23	-1.61	6%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0511	603.50	67.000	664.85	45.770	22.040	23	-1.34	5%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0049	611.73	25.310	664.85	45.770	22.040	23	-1.16	4%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0148	627.20	32.540	664.85	45.770	22.040	23	-0.82	3%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0098	659.85	47.500	664.85	45.770	22.040	23	-0.11	0%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0171	660.80	5.6000	664.85	45.770	22.040	23	-0.09	0%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0910	667.50	21.000	664.85	45.770	22.040	23	0.06	0%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0878	668.50	11.000	664.85	45.770	22.040	23	0.08	0%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0003	669.00	24.000	664.85	45.770	22.040	23	0.09	0%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0074	675.00	16.000	664.85	45.770	22.040	23	0.22	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0405	676.00	0.00000	664.85	45.770	22.040	23	0.24	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	2145	679.72	1.3300	664.85	45.770	22.040	23	0.32	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0358	682.38	6.1300	664.85	45.770	22.040	23	0.38	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0019	684.35	52.300	664.85	45.770	22.040	23	0.43	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0520	688.00	48.000	664.85	45.770	22.040	23	0.51	2%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0208	696.80	6.2000	664.85	45.770	22.040	23	0.70	2%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0011	700.38	0.63500	664.85	45.770	22.040	23	0.78	3%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0407	702.98	0.92600	664.85	45.770	22.040	23	0.83	3%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0226	708.50	15.000	664.85	45.770	22.040	23	0.95	3%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0598	712.55	35.500	664.85	45.770	22.040	23	1.04	4%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0229	728.32	50.510	664.85	45.770	22.040	23	1.39	5%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0186	645.00	0.00000	714.86	39.572	22.500	17	-1.77	5%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0278	664.20	8.2000	714.86	39.572	22.500	17	-1.28	4%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0294	670.25	11.700	714.86	39.572	22.500	17	-1.13	3%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0037	677.00	4.0000	714.86	39.572	22.500	17	-0.96	3%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0045	693.00	82.000	714.86	39.572	22.500	17	-0.55	2%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0693	702.46	42.886	714.86	39.572	22.500	17	-0.31	1%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0265	703.50	15.000	714.86	39.572	22.500	17	-0.29	1%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0187	710.01	5.1900	714.86	39.572	22.500	17	-0.12	0%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0560	724.40	7.4000	714.86	39.572	22.500	17	0.24	1%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0357	724.42	12.169	714.86	39.572	22.500	17	0.24	1%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0042	726.00	60.000	714.86	39.572	22.500	17	0.28	1%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0413	728.00	0.00000	714.86	39.572	22.500	17	0.33	1%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0870	731.30	50.590	714.86	39.572	22.500	17	0.42	1%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0009	756.50	19.000	714.86	39.572	22.500	17	1.05	3%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0190	757.53	19.360	714.86	39.572	22.500	17	1.08	3%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	2053	763.00	42.000	714.86	39.572	22.500	17	1.22	3%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0035	765.50	3.0000	714.86	39.572	22.500	17	1.28	4%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0353	619.00	16.000	722.50	33.798	18.066	25	-3.06	7%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0345	621.50	7.0000	722.50	33.798	18.066	25	-2.99	7%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0861	654.00	52.000	722.50	33.798	18.066	25	-2.03	5%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0425	692.00	2.0000	722.50	33.798	18.066	25	-0.90	2%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0610	693.00	4.0000	722.50	33.798	18.066	25	-0.87	2%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0202	698.55	6.1000	722.50	33.798	18.066	25	-0.71	2%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0033	704.00	0.00000	722.50	33.798	18.066	25	-0.55	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0668	708.00	22.000	722.50	33.798	18.066	25	-0.43	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0968	708.00	2.0000	722.50	33.798	18.066	25	-0.43	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0918	713.15	17.630	722.50	33.798	18.066	25	-0.28	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0035	722.00	44.000	722.50	33.798	18.066	25	-0.01	0%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0098	722.90	20.200	722.50	33.798	18.066	25	0.01	0%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0013	725.00	6.0000	722.50	33.798	18.066	25	0.07	0%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0218	725.00	30.000	722.50	33.798	18.066	25	0.07	0%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0017	730.16	27.168	722.50	33.798	18.066	25	0.23	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0510	735.00	2.0000	722.50	33.798	18.066	25	0.37	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0675	735.73	19.180	722.50	33.798	18.066	25	0.39	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0034	737.15	26.700	722.50	33.798	18.066	25	0.43	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0964	740.35	56.321	722.50	33.798	18.066	25	0.53	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0505	740.60	7.8000	722.50	33.798	18.066	25	0.54	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0682	741.48	0.00000	722.50	33.798	18.066	25	0.56	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0032	755.50	5.0000	722.50	33.798	18.066	25	0.98	2%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0083	780.00	12.000	722.50	33.798	18.066	25	1.70	4%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0169	780.50	9.0000	722.50	33.798	18.066	25	1.72	4%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0027	786.81	57.559	722.50	33.798	18.066	25	1.90	4%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	2089	739.32	237.71	722.50	33.798	18.066	25	0.50	1%	1
037.51	Zinc, ICP-MS, Dry ash (mg / kg (ppm))	2146	674.20	8.2000				1			0
037.52	Zinc, ICP-MS, Open vessel (mg / kg (ppm))	0047	601.23	0.02000				2			0
037.52	Zinc, ICP-MS, Open vessel (mg / kg (ppm))	0186	693.00	20.000				2			0
037.53	Zinc, ICP-MS, Microwave (mg / kg (ppm))	2055	566.00	102.00				3			0
037.53	Zinc, ICP-MS, Microwave (mg / kg (ppm))	0572	743.00	32.000				3			0
037.53	Zinc, ICP-MS, Microwave (mg / kg (ppm))	0553	796.00	16.000				3			0
037.99	Zinc, Miscellaneous (mg / kg (ppm))	0590	642.50	5.0000	711.15	58.957	12.288	4			0
037.99	Zinc, Miscellaneous (mg / kg (ppm))	0242	693.00	16.000	711.15	58.957	12.288	4			0
037.99	Zinc, Miscellaneous (mg / kg (ppm))	2144	726.09	20.150	711.15	58.957	12.288	4			0
037.99	Zinc, Miscellaneous (mg / kg (ppm))	0100	783.00	8.0000	711.15	58.957	12.288	4			0
037.99	Zinc, Miscellaneous (mg / kg (ppm))	0889	665.27	99.489	711.15	58.957	12.288	4			1
038.41	Molybdenum, ICP, Dry ash (mg / kg (ppm))	0171	3.1485	0.03700				3			0
038.41	Molybdenum, ICP, Dry ash (mg / kg (ppm))	0226	3.6300	0.26000				3			0
038.41	Molybdenum, ICP, Dry ash (mg / kg (ppm))	0148	9.1990	0.00200				3			0
038.42	Molybdenum, ICP, Open vessel (mg / kg (ppm))	0278	3.7450	0.33000	4.4329	0.49543	0.33660	5			0
038.42	Molybdenum, ICP, Open vessel (mg / kg (ppm))	0693	4.2695	0.19300	4.4329	0.49543	0.33660	5			0
038.42	Molybdenum, ICP, Open vessel (mg / kg (ppm))	0265	4.4050	0.29000	4.4329	0.49543	0.33660	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			
038.42	Molybdenum, ICP, Open vessel (mg / kg (ppm))	2053	4.6550	0.43000	4.4329	0.49543	0.33660	5			0
038.42	Molybdenum, ICP, Open vessel (mg / kg (ppm))	0045	5.0900	0.44000	4.4329	0.49543	0.33660	5			0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0345	2.9500	0.20000	4.1076	0.91284	0.10963	7	-1.27	14%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0353	3.3391	0.23940	4.1076	0.91284	0.10963	7	-0.84	9%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0169	3.9550	0.01000	4.1076	0.91284	0.10963	7	-0.17	2%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0218	4.0000	0.00000	4.1076	0.91284	0.10963	7	-0.12	1%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0083	4.4500	0.30000	4.1076	0.91284	0.10963	7	0.38	4%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0510	4.8000	0.00000	4.1076	0.91284	0.10963	7	0.76	8%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0032	5.2590	0.01800	4.1076	0.91284	0.10963	7	1.26	14%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0038	5.0125	1.1650	4.1076	0.91284	0.10963	7	0.99	11%	1
038.52	Molybdenum, ICP-MS, Open vessel (mg / kg (ppm))	0910	2.6500	0.12000				2			0
038.52	Molybdenum, ICP-MS, Open vessel (mg / kg (ppm))	0186	3.0000	0.00000				2			0
038.53	Molybdenum, ICP-MS, Microwave (mg / kg (ppm))	0918	3.3312	0.11150	4.2608	0.82886	0.13638	4			0
038.53	Molybdenum, ICP-MS, Microwave (mg / kg (ppm))	0098	3.9020	0.13400	4.2608	0.82886	0.13638	4			0
038.53	Molybdenum, ICP-MS, Microwave (mg / kg (ppm))	0553	4.5600	0.00000	4.2608	0.82886	0.13638	4			0
038.53	Molybdenum, ICP-MS, Microwave (mg / kg (ppm))	0218	5.2500	0.30000	4.2608	0.82886	0.13638	4			0
038.53	Molybdenum, ICP-MS, Microwave (mg / kg (ppm))	2055	2.9150	1.0500	4.2608	0.82886	0.13638	4			1
040.42	Barium, ICP, Open vessel (mg / kg (ppm))	0560	8.4400	0.02000				1			0
040.53	Barium, ICP-MS, Microwave (mg / kg (ppm))	0918	8.7502	0.24740				1			0
041.43	Vanadium, ICP, Microwave (mg / kg (ppm))	0218	3.9000	0.20000				1			0
041.53	Vanadium, ICP-MS, Microwave (mg / kg (ppm))	0553	3.8750	0.15000				2			0
041.53	Vanadium, ICP-MS, Microwave (mg / kg (ppm))	0218	4.6500	0.10000				2			0
042.00	Chloride, Titrimetric (%)	0948	2.1350	0.01000				1			0
042.99	Chloride, Miscellaneous (%)	0536	2.3850	0.01000				1			0
095.01	Methoprene, LC (UV or FL) (mg/kg (ppm))	0675	4.6800	1.2800				2			0
095.01	Methoprene, LC (UV or FL) (mg/kg (ppm))	0019	17.695	0.53000				2			0
095.99	Methoprene, Miscellaneous (mg/kg (ppm))	2053	11.500	1.0000				1			0
101.02	Choline Chloride, LC (mg / kg (ppm))	0227	1,155.0	50.000				1			0
102.01	Niacin, Microbiological (mg / kg (ppm))	0227	55.850	4.9000				1			0
103.01	Pantothenic Acid, Microbiological (mg / kg (ppm))	0227	5.3850	0.47000				1			0
104.00	Riboflavin, Fluorometric (mg / kg (ppm))	0227	6.6350	0.87000				1			0
104.03	Riboflavin, LC (mg / kg (ppm))	0910	1.3850	0.57000				1			0
105.00	Thiamine, LC (mg / kg (ppm))	0910	1.1500	0.32000				1			0
105.01	Thiamine, Fluorometer (mg / kg (ppm))	0227	1.3400	0.12000				1			0
106.00	Vitamin A, Color (KU / kg)	0019	60.987	0.63300				1			0
106.01	Vitamin A, UV (KU / kg)	0098	30.650	7.5000				1			0
106.02	Vitamin A, LC (KU / kg)	0169	7.1500	0.30000	24.008	5.7534	1.7880	21	-2.93	35%	0
106.02	Vitamin A, LC (KU / kg)	0861	17.256	2.3580	24.008	5.7534	1.7880	21	-1.17	14%	0
106.02	Vitamin A, LC (KU / kg)	2053	18.950	1.1000	24.008	5.7534	1.7880	21	-0.88	11%	0
106.02	Vitamin A, LC (KU / kg)	0941	19.711	0.94700	24.008	5.7534	1.7880	21	-0.75	9%	0
106.02	Vitamin A, LC (KU / kg)	0689	19.850	0.30000	24.008	5.7534	1.7880	21	-0.72	9%	0
106.02	Vitamin A, LC (KU / kg)	0676	20.070	0.98000	24.008	5.7534	1.7880	21	-0.68	8%	0

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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
106.02	Vitamin A, LC (KU / kg)	0027	20.709	1.7730	24.008	5.7534	1.7880	21	-0.57	7%	0
106.02	Vitamin A, LC (KU / kg)	0017	21.270	4.1600	24.008	5.7534	1.7880	21	-0.48	6%	0
106.02	Vitamin A, LC (KU / kg)	0035	21.725	1.0300	24.008	5.7534	1.7880	21	-0.40	5%	0
106.02	Vitamin A, LC (KU / kg)	0148	22.460	0.00000	24.008	5.7534	1.7880	21	-0.27	3%	0
106.02	Vitamin A, LC (KU / kg)	0905	23.230	0.92900	24.008	5.7534	1.7880	21	-0.14	2%	0
106.02	Vitamin A, LC (KU / kg)	0910	23.950	0.10000	24.008	5.7534	1.7880	21	-0.01	0%	0
106.02	Vitamin A, LC (KU / kg)	2103	25.200	1.1600	24.008	5.7534	1.7880	21	0.21	2%	0
106.02	Vitamin A, LC (KU / kg)	0004	25.780	3.7400	24.008	5.7534	1.7880	21	0.31	4%	0
106.02	Vitamin A, LC (KU / kg)	0227	26.500	7.0000	24.008	5.7534	1.7880	21	0.43	5%	0
106.02	Vitamin A, LC (KU / kg)	0014	26.900	0.80000	24.008	5.7534	1.7880	21	0.50	6%	0
106.02	Vitamin A, LC (KU / kg)	2022	27.000	2.0000	24.008	5.7534	1.7880	21	0.52	6%	0
106.02	Vitamin A, LC (KU / kg)	2144	30.315	0.01000	24.008	5.7534	1.7880	21	1.10	13%	0
106.02	Vitamin A, LC (KU / kg)	0010	34.400	6.6000	24.008	5.7534	1.7880	21	1.81	22%	0
106.02	Vitamin A, LC (KU / kg)	0675	59.440	2.2600	24.008	5.7534	1.7880	21	6.16	74%	0
106.02	Vitamin A, LC (KU / kg)	0638	84.550	0.00000	24.008	5.7534	1.7880	21	10.52	126%	0
106.99	Vitamin A, Miscellaneous (KU / kg)	0904	21.005	1.2700				2			0
106.99	Vitamin A, Miscellaneous (KU / kg)	0160	25.200	1.8000				2			0
107.00	Vitamin B12, Microbiological (µg / kg (ppb))	0227	29.500	9.0000				1			0
108.01	Vitamin D3, LC, AOAC (KU / kg)	0169	1.8500	0.30000				2			0
108.01	Vitamin D3, LC, AOAC (KU / kg)	0160	2.3400	0.80000				2			0
108.02	Vitamin D3, LC (KU / kg)	0676	4.9545	0.10100	11.095	4.3325	1.3728	4			0
108.02	Vitamin D3, LC (KU / kg)	0910	11.305	1.1500	11.095	4.3325	1.3728	4			0
108.02	Vitamin D3, LC (KU / kg)	0861	13.360	4.2400	11.095	4.3325	1.3728	4			0
108.02	Vitamin D3, LC (KU / kg)	0675	14.760	0.00000	11.095	4.3325	1.3728	4			0
108.02	Vitamin D3, LC (KU / kg)	0227	11.725	5.550.0	11.095	4.3325	1.3728	4			2
108.99	Vitamin D3, Miscellaneous (KU / kg)	0904	9.8400	0.68000				1			0
109.02	Vitamin E, LC (IU / kg)	0638	5.8000	0.00000	41.094	7.5876	1.9714	14	-4.65	43%	0
109.02	Vitamin E, LC (IU / kg)	0169	8.2500	0.10000	41.094	7.5876	1.9714	14	-4.33	40%	0
109.02	Vitamin E, LC (IU / kg)	2022	37.500	1.0000	41.094	7.5876	1.9714	14	-0.47	4%	0
109.02	Vitamin E, LC (IU / kg)	0941	37.720	1.8600	41.094	7.5876	1.9714	14	-0.44	4%	0
109.02	Vitamin E, LC (IU / kg)	2103	38.900	1.6000	41.094	7.5876	1.9714	14	-0.29	3%	0
109.02	Vitamin E, LC (IU / kg)	0910	39.650	0.90000	41.094	7.5876	1.9714	14	-0.19	2%	0
109.02	Vitamin E, LC (IU / kg)	0208	40.816	1.6400	41.094	7.5876	1.9714	14	-0.04	0%	0
109.02	Vitamin E, LC (IU / kg)	0861	41.000	8.0000	41.094	7.5876	1.9714	14	-0.01	0%	0
109.02	Vitamin E, LC (IU / kg)	0148	41.280	0.00000	41.094	7.5876	1.9714	14	0.02	0%	0
109.02	Vitamin E, LC (IU / kg)	0905	41.500	5.0000	41.094	7.5876	1.9714	14	0.05	0%	0
109.02	Vitamin E, LC (IU / kg)	0098	47.300	6.6000	41.094	7.5876	1.9714	14	0.82	8%	0
109.02	Vitamin E, LC (IU / kg)	0676	47.800	0.20000	41.094	7.5876	1.9714	14	0.88	8%	0
109.02	Vitamin E, LC (IU / kg)	0227	49.950	0.30000	41.094	7.5876	1.9714	14	1.17	11%	0
109.02	Vitamin E, LC (IU / kg)	0675	53.890	0.40000	41.094	7.5876	1.9714	14	1.69	16%	0
109.99	Vitamin E, Miscellaneous (IU / kg)	0171	19.525	0.05000				3			0
109.99	Vitamin E, Miscellaneous (IU / kg)	0904	50.000	2.5200				3			0

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109.99	Vitamin E, Miscellaneous (IU / kg)	0160	61.750	4.3000				3			0
112.01	Pyridoxine, LC (µg / g)	0227	3.8800	0.26000				1			0
113.01	Folic Acid, Micro (mg / kg (ppm))	0227	0.50700	0.13400				1			0
114.01	Biotin, Microbiological (mg / kg (ppm))	0227	0.19900	0.01800				1			0
115.00	Non Protein N (NPN), Urea + Am, Urease method (%)	0098	0.74000	0.04000				1			0
118.99	Peroxide value, Miscellaneous (meq/kg)	2081	20.000	6.6000				1			0
120.00	Alanine, Post-col Ninhydrin Der (%)	0353	0.55000	0.00000	0.64999	0.02743	0.01443	24	-3.65	8%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0870	0.61100	0.03520	0.64999	0.02743	0.01443	24	-1.42	3%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0675	0.62000	0.02000	0.64999	0.02743	0.01443	24	-1.09	2%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0910	0.62000	0.04000	0.64999	0.02743	0.01443	24	-1.09	2%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0878	0.63100	0.00000	0.64999	0.02743	0.01443	24	-0.69	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0354	0.63700	0.00200	0.64999	0.02743	0.01443	24	-0.47	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0504	0.64000	0.02000	0.64999	0.02743	0.01443	24	-0.36	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0571	0.64000	0.00600	0.64999	0.02743	0.01443	24	-0.36	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0644	0.64050	0.00900	0.64999	0.02743	0.01443	24	-0.35	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0868	0.64150	0.02100	0.64999	0.02743	0.01443	24	-0.31	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0652	0.64500	0.01000	0.64999	0.02743	0.01443	24	-0.18	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0684	0.64550	0.05900	0.64999	0.02743	0.01443	24	-0.16	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0208	0.65000	0.02000	0.64999	0.02743	0.01443	24	0.00	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0227	0.65000	0.00000	0.64999	0.02743	0.01443	24	0.00	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0662	0.65435	0.01970	0.64999	0.02743	0.01443	24	0.16	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0872	0.65450	0.00500	0.64999	0.02743	0.01443	24	0.16	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0918	0.65475	0.00950	0.64999	0.02743	0.01443	24	0.17	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	2059	0.65550	0.00900	0.64999	0.02743	0.01443	24	0.20	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0968	0.66350	0.00900	0.64999	0.02743	0.01443	24	0.49	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0859	0.67350	0.00100	0.64999	0.02743	0.01443	24	0.86	2%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0619	0.69000	0.01600	0.64999	0.02743	0.01443	24	1.46	3%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0941	0.69500	0.00200	0.64999	0.02743	0.01443	24	1.64	3%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0226	0.72550	0.03280	0.64999	0.02743	0.01443	24	2.75	6%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0682	0.81200	0.00000	0.64999	0.02743	0.01443	24	5.91	12%	0
120.02	Alanine, Post-col OPA Der (%)	0098	0.65150	0.00700				1			0
120.05	Alanine, Pre-col AQC Der (%)	0676	0.59000	0.02000	0.64597	0.06690	0.00850	6	-0.84	4%	0
120.05	Alanine, Pre-col AQC Der (%)	0407	0.60400	0.00800	0.64597	0.06690	0.00850	6	-0.63	3%	0
120.05	Alanine, Pre-col AQC Der (%)	0148	0.62000	0.00000	0.64597	0.06690	0.00850	6	-0.39	2%	0
120.05	Alanine, Pre-col AQC Der (%)	0626	0.63050	0.01300	0.64597	0.06690	0.00850	6	-0.23	1%	0
120.05	Alanine, Pre-col AQC Der (%)	2196	0.68500	0.00000	0.64597	0.06690	0.00850	6	0.58	3%	0
120.05	Alanine, Pre-col AQC Der (%)	2188	0.86500	0.01000	0.64597	0.06690	0.00850	6	3.27	17%	0
120.05	Alanine, Pre-col AQC Der (%)	0853	0.79500	0.09000	0.64597	0.06690	0.00850	6	2.23	12%	1
121.00	Arginine, Post-col Ninhydrin Der (%)	0353	0.39000	0.02000	0.47437	0.02204	0.01200	24	-3.83	9%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0354	0.44400	0.00400	0.47437	0.02204	0.01200	24	-1.38	3%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0227	0.45000	0.04000	0.47437	0.02204	0.01200	24	-1.11	3%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0675	0.45000	0.02000	0.47437	0.02204	0.01200	24	-1.11	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	
121.00	Arginine, Post-col Ninhydrin Der (%)	0504	0.45500	0.01000	0.47437	0.02204	0.01200	24	-0.88	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0684	0.45500	0.00800	0.47437	0.02204	0.01200	24	-0.88	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0226	0.46310	0.03960	0.47437	0.02204	0.01200	24	-0.51	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0910	0.46500	0.03000	0.47437	0.02204	0.01200	24	-0.43	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0878	0.47000	0.00200	0.47437	0.02204	0.01200	24	-0.20	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0870	0.47195	0.00890	0.47437	0.02204	0.01200	24	-0.11	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0918	0.47225	0.01450	0.47437	0.02204	0.01200	24	-0.10	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0208	0.47500	0.01000	0.47437	0.02204	0.01200	24	0.03	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0652	0.47500	0.01000	0.47437	0.02204	0.01200	24	0.03	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0868	0.47500	0.00200	0.47437	0.02204	0.01200	24	0.03	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0872	0.47550	0.00700	0.47437	0.02204	0.01200	24	0.05	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0662	0.47805	0.01210	0.47437	0.02204	0.01200	24	0.17	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	2059	0.48400	0.00600	0.47437	0.02204	0.01200	24	0.44	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0571	0.48700	0.00600	0.47437	0.02204	0.01200	24	0.57	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0968	0.48850	0.00100	0.47437	0.02204	0.01200	24	0.64	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0644	0.49100	0.00600	0.47437	0.02204	0.01200	24	0.75	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0941	0.49600	0.00400	0.47437	0.02204	0.01200	24	0.98	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0859	0.51650	0.00700	0.47437	0.02204	0.01200	24	1.91	4%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0619	0.51900	0.02000	0.47437	0.02204	0.01200	24	2.02	5%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0682	0.56500	0.00000	0.47437	0.02204	0.01200	24	4.11	10%	0
121.02	Arginine, Post-col OPA Der (%)	0098	0.45050	0.01300				1			0
121.05	Arginine, Pre-col AQC Der (%)	0407	0.43100	0.02400	0.47350	0.03006	0.01929	7	-1.41	4%	0
121.05	Arginine, Pre-col AQC Der (%)	0853	0.46000	0.04000	0.47350	0.03006	0.01929	7	-0.45	1%	0
121.05	Arginine, Pre-col AQC Der (%)	0148	0.46500	0.01000	0.47350	0.03006	0.01929	7	-0.28	1%	0
121.05	Arginine, Pre-col AQC Der (%)	0676	0.46500	0.03000	0.47350	0.03006	0.01929	7	-0.28	1%	0
121.05	Arginine, Pre-col AQC Der (%)	0626	0.48450	0.01100	0.47350	0.03006	0.01929	7	0.37	1%	0
121.05	Arginine, Pre-col AQC Der (%)	2188	0.50000	0.02000	0.47350	0.03006	0.01929	7	0.88	3%	0
121.05	Arginine, Pre-col AQC Der (%)	2196	0.50900	0.00000	0.47350	0.03006	0.01929	7	1.18	4%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0353	0.68500	0.01000	0.78263	0.03256	0.00941	23	-3.00	6%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0675	0.71500	0.03000	0.78263	0.03256	0.00941	23	-2.08	4%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0684	0.74000	0.01600	0.78263	0.03256	0.00941	23	-1.31	3%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0354	0.75050	0.00100	0.78263	0.03256	0.00941	23	-0.99	2%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0504	0.76000	0.00000	0.78263	0.03256	0.00941	23	-0.69	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0227	0.76500	0.01000	0.78263	0.03256	0.00941	23	-0.54	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0878	0.77450	0.00700	0.78263	0.03256	0.00941	23	-0.25	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0868	0.77500	0.00600	0.78263	0.03256	0.00941	23	-0.23	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0910	0.77500	0.01000	0.78263	0.03256	0.00941	23	-0.23	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0644	0.77550	0.02300	0.78263	0.03256	0.00941	23	-0.22	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0662	0.77565	0.01870	0.78263	0.03256	0.00941	23	-0.21	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0872	0.77950	0.00300	0.78263	0.03256	0.00941	23	-0.10	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0571	0.78100	0.00200	0.78263	0.03256	0.00941	23	-0.05	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	2059	0.78600	0.00800	0.78263	0.03256	0.00941	23	0.10	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	
122.00	Aspartic, Post-col Ninhydrin Der (%)	0870	0.78760	0.00620	0.78263	0.03256	0.00941	23	0.15	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0208	0.79000	0.00000	0.78263	0.03256	0.00941	23	0.23	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0652	0.79000	0.00000	0.78263	0.03256	0.00941	23	0.23	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0941	0.81100	0.02200	0.78263	0.03256	0.00941	23	0.87	2%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0968	0.81350	0.00300	0.78263	0.03256	0.00941	23	0.95	2%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0918	0.81865	0.00950	0.78263	0.03256	0.00941	23	1.11	2%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0859	0.82150	0.01300	0.78263	0.03256	0.00941	23	1.19	2%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0619	0.88600	0.01800	0.78263	0.03256	0.00941	23	3.17	7%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0682	0.92800	0.00000	0.78263	0.03256	0.00941	23	4.46	9%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0226	0.85890	0.04740	0.78263	0.03256	0.00941	23	2.34	5%	1
122.02	Aspartic, Post-col OPA Der (%)	0098	0.78800	0.00000				1			0
122.05	Aspartic, Pre-col AQC Der (%)	0676	0.70500	0.01000	0.78426	0.06002	0.03271	7	-1.32	5%	0
122.05	Aspartic, Pre-col AQC Der (%)	0626	0.75350	0.00100	0.78426	0.06002	0.03271	7	-0.51	2%	0
122.05	Aspartic, Pre-col AQC Der (%)	0407	0.76700	0.06800	0.78426	0.06002	0.03271	7	-0.29	1%	0
122.05	Aspartic, Pre-col AQC Der (%)	2188	0.77500	0.03000	0.78426	0.06002	0.03271	7	-0.15	1%	0
122.05	Aspartic, Pre-col AQC Der (%)	2196	0.80500	0.00000	0.78426	0.06002	0.03271	7	0.35	1%	0
122.05	Aspartic, Pre-col AQC Der (%)	0148	0.81000	0.02000	0.78426	0.06002	0.03271	7	0.43	2%	0
122.05	Aspartic, Pre-col AQC Der (%)	0853	0.98000	0.10000	0.78426	0.06002	0.03271	7	3.26	12%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0684	0.02900	0.00200	0.20853	0.02487	0.00879	24	-7.22	43%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0941	0.16350	0.00300	0.20853	0.02487	0.00879	24	-1.81	11%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0353	0.16500	0.01000	0.20853	0.02487	0.00879	24	-1.75	10%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0870	0.17880	0.00780	0.20853	0.02487	0.00879	24	-1.20	7%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0662	0.18700	0.00260	0.20853	0.02487	0.00879	24	-0.87	5%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0910	0.19000	0.02000	0.20853	0.02487	0.00879	24	-0.74	4%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0227	0.20000	0.02000	0.20853	0.02487	0.00879	24	-0.34	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0504	0.20500	0.01000	0.20853	0.02487	0.00879	24	-0.14	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0652	0.20500	0.01000	0.20853	0.02487	0.00879	24	-0.14	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0878	0.20650	0.00700	0.20853	0.02487	0.00879	24	-0.08	0%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	2059	0.20750	0.00300	0.20853	0.02487	0.00879	24	-0.04	0%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0968	0.21000	0.00200	0.20853	0.02487	0.00879	24	0.06	0%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0918	0.21000	0.02000	0.20853	0.02487	0.00879	24	0.06	0%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0644	0.21300	0.01200	0.20853	0.02487	0.00879	24	0.18	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0571	0.21350	0.00900	0.20853	0.02487	0.00879	24	0.20	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0872	0.21500	0.01400	0.20853	0.02487	0.00879	24	0.26	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0354	0.22000	0.00200	0.20853	0.02487	0.00879	24	0.46	3%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0682	0.22000	0.00000	0.20853	0.02487	0.00879	24	0.46	3%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0859	0.22250	0.00300	0.20853	0.02487	0.00879	24	0.56	3%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0868	0.22450	0.00100	0.20853	0.02487	0.00879	24	0.64	4%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0208	0.23050	0.02500	0.20853	0.02487	0.00879	24	0.88	5%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0226	0.24055	0.00850	0.20853	0.02487	0.00879	24	1.29	8%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0619	0.24650	0.00900	0.20853	0.02487	0.00879	24	1.53	9%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0675	0.25500	0.01000	0.20853	0.02487	0.00879	24	1.87	11%	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			
124.02	Cysteine/Cystine, PAO Post-col OPA Der (%)	0098	0.21600	0.00000				1			0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0853	0.01000	0.00000	0.21432	0.07260	0.01850	6	-2.81	48%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0676	0.19500	0.01000	0.21432	0.07260	0.01850	6	-0.27	5%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	2196	0.21400	0.00000	0.21432	0.07260	0.01850	6	0.00	0%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0148	0.23500	0.05000	0.21432	0.07260	0.01850	6	0.28	5%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0407	0.23650	0.05100	0.21432	0.07260	0.01850	6	0.31	5%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	2188	0.30000	0.00000	0.21432	0.07260	0.01850	6	1.18	20%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0353	1.4650	0.01000	1.6318	0.09341	0.02133	24	-1.79	5%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0675	1.5200	0.04000	1.6318	0.09341	0.02133	24	-1.20	3%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0504	1.5400	0.04000	1.6318	0.09341	0.02133	24	-0.98	3%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0684	1.5515	0.06900	1.6318	0.09341	0.02133	24	-0.86	2%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0227	1.5600	0.02000	1.6318	0.09341	0.02133	24	-0.77	2%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0644	1.5770	0.00200	1.6318	0.09341	0.02133	24	-0.59	2%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0571	1.5820	0.02000	1.6318	0.09341	0.02133	24	-0.53	2%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	2059	1.5820	0.01600	1.6318	0.09341	0.02133	24	-0.53	2%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0354	1.5920	0.00200	1.6318	0.09341	0.02133	24	-0.43	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0872	1.5995	0.00900	1.6318	0.09341	0.02133	24	-0.35	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0878	1.6020	0.00400	1.6318	0.09341	0.02133	24	-0.32	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0910	1.6050	0.03000	1.6318	0.09341	0.02133	24	-0.29	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0868	1.6120	0.01000	1.6318	0.09341	0.02133	24	-0.21	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0652	1.6250	0.01000	1.6318	0.09341	0.02133	24	-0.07	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0968	1.6310	0.00200	1.6318	0.09341	0.02133	24	-0.01	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0662	1.6433	0.03680	1.6318	0.09341	0.02133	24	0.12	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0918	1.6679	0.04660	1.6318	0.09341	0.02133	24	0.39	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0941	1.6825	0.00900	1.6318	0.09341	0.02133	24	0.54	2%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0870	1.7073	0.00200	1.6318	0.09341	0.02133	24	0.81	2%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0859	1.7310	0.02800	1.6318	0.09341	0.02133	24	1.06	3%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0208	1.7450	0.01000	1.6318	0.09341	0.02133	24	1.21	3%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0226	1.8190	0.07550	1.6318	0.09341	0.02133	24	2.00	6%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0619	1.8600	0.02000	1.6318	0.09341	0.02133	24	2.44	7%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0682	1.9940	0.00000	1.6318	0.09341	0.02133	24	3.88	11%	0
125.02	Glutamic, Post-col OPA Der (%)	0098	1.6020	0.01400				1			0
125.05	Glutamic, Pre-col AQC Der (%)	0676	1.4400	0.02000	1.6223	0.15974	0.05857	7	-1.14	6%	0
125.05	Glutamic, Pre-col AQC Der (%)	2188	1.5200	0.00000	1.6223	0.15974	0.05857	7	-0.64	3%	0
125.05	Glutamic, Pre-col AQC Der (%)	0407	1.5345	0.11500	1.6223	0.15974	0.05857	7	-0.55	3%	0
125.05	Glutamic, Pre-col AQC Der (%)	0626	1.6215	0.04500	1.6223	0.15974	0.05857	7	0.00	0%	0
125.05	Glutamic, Pre-col AQC Der (%)	2196	1.6630	0.00000	1.6223	0.15974	0.05857	7	0.25	1%	0
125.05	Glutamic, Pre-col AQC Der (%)	0148	1.7150	0.01000	1.6223	0.15974	0.05857	7	0.58	3%	0
125.05	Glutamic, Pre-col AQC Der (%)	0853	2.3100	0.22000	1.6223	0.15974	0.05857	7	4.31	21%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0353	0.50500	0.01000	0.57995	0.02565	0.00824	23	-2.92	6%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0684	0.54450	0.00700	0.57995	0.02565	0.00824	23	-1.38	3%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0675	0.54500	0.01000	0.57995	0.02565	0.00824	23	-1.36	3%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
126.00	Glycine, Post-col Ninhydrin Der (%)	0870	0.55685	0.00430	0.57995	0.02565	0.00824	23	-0.90	2%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0354	0.55800	0.00000	0.57995	0.02565	0.00824	23	-0.86	2%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0662	0.55805	0.01610	0.57995	0.02565	0.00824	23	-0.85	2%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0227	0.57000	0.00000	0.57995	0.02565	0.00824	23	-0.39	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0208	0.57500	0.01000	0.57995	0.02565	0.00824	23	-0.19	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0910	0.57500	0.03000	0.57995	0.02565	0.00824	23	-0.19	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0571	0.57550	0.00100	0.57995	0.02565	0.00824	23	-0.17	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0644	0.57850	0.00500	0.57995	0.02565	0.00824	23	-0.06	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0652	0.58000	0.00000	0.57995	0.02565	0.00824	23	0.00	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0872	0.58350	0.00500	0.57995	0.02565	0.00824	23	0.14	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0504	0.58500	0.03000	0.57995	0.02565	0.00824	23	0.20	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0859	0.58700	0.00600	0.57995	0.02565	0.00824	23	0.27	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0968	0.58700	0.00400	0.57995	0.02565	0.00824	23	0.27	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	2059	0.59250	0.00500	0.57995	0.02565	0.00824	23	0.49	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0868	0.59450	0.01500	0.57995	0.02565	0.00824	23	0.57	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0878	0.59500	0.00400	0.57995	0.02565	0.00824	23	0.59	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0918	0.60130	0.00720	0.57995	0.02565	0.00824	23	0.83	2%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0941	0.62000	0.00600	0.57995	0.02565	0.00824	23	1.56	3%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0619	0.62800	0.01400	0.57995	0.02565	0.00824	23	1.87	4%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0682	0.68300	0.00000	0.57995	0.02565	0.00824	23	4.02	9%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0226	0.62295	0.04590	0.57995	0.02565	0.00824	23	1.68	4%	1
126.02	Glycine, Post-col OPA Der (%)	0098	0.57200	0.00400				1			0
126.05	Glycine, Pre-col AQC Der (%)	2188	0.54500	0.01000	0.57029	0.02497	0.02033	6	-1.01	2%	0
126.05	Glycine, Pre-col AQC Der (%)	0148	0.55500	0.01000	0.57029	0.02497	0.02033	6	-0.61	1%	0
126.05	Glycine, Pre-col AQC Der (%)	0676	0.56500	0.01000	0.57029	0.02497	0.02033	6	-0.21	0%	0
126.05	Glycine, Pre-col AQC Der (%)	0407	0.56800	0.01200	0.57029	0.02497	0.02033	6	-0.09	0%	0
126.05	Glycine, Pre-col AQC Der (%)	2196	0.58100	0.00000	0.57029	0.02497	0.02033	6	0.43	1%	0
126.05	Glycine, Pre-col AQC Der (%)	0853	0.65000	0.08000	0.57029	0.02497	0.02033	6	3.19	7%	0
126.05	Glycine, Pre-col AQC Der (%)	0626	289.78	578.43	0.57029	0.02497	0.02033	6	11582.83	25357%	2
127.00	Histidine, Post-col Ninhydrin Der (%)	0675	0.23500	0.01000	0.26747	0.01598	0.00397	23	-2.03	6%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0353	0.24000	0.00000	0.26747	0.01598	0.00397	23	-1.72	5%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0870	0.24835	0.00350	0.26747	0.01598	0.00397	23	-1.20	4%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0684	0.25050	0.00300	0.26747	0.01598	0.00397	23	-1.06	3%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0354	0.25250	0.00100	0.26747	0.01598	0.00397	23	-0.94	3%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0878	0.25800	0.00000	0.26747	0.01598	0.00397	23	-0.59	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0968	0.25800	0.00400	0.26747	0.01598	0.00397	23	-0.59	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	2059	0.26350	0.00300	0.26747	0.01598	0.00397	23	-0.25	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0941	0.26400	0.01000	0.26747	0.01598	0.00397	23	-0.22	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0571	0.26450	0.00100	0.26747	0.01598	0.00397	23	-0.19	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0226	0.26845	0.01010	0.26747	0.01598	0.00397	23	0.06	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0208	0.27000	0.00000	0.26747	0.01598	0.00397	23	0.16	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0227	0.27000	0.00000	0.26747	0.01598	0.00397	23	0.16	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
127.00	Histidine, Post-col Ninhydrin Der (%)	0644	0.27000	0.00200	0.26747	0.01598	0.00397	23	0.16	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0918	0.27035	0.00450	0.26747	0.01598	0.00397	23	0.18	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0652	0.27500	0.01000	0.26747	0.01598	0.00397	23	0.47	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0868	0.27500	0.00400	0.26747	0.01598	0.00397	23	0.47	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0859	0.27600	0.00400	0.26747	0.01598	0.00397	23	0.53	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0872	0.27750	0.00100	0.26747	0.01598	0.00397	23	0.63	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0662	0.28030	0.01120	0.26747	0.01598	0.00397	23	0.80	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0504	0.29000	0.00000	0.26747	0.01598	0.00397	23	1.41	4%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0619	0.34050	0.00900	0.26747	0.01598	0.00397	23	4.57	14%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0682	0.39400	0.00000	0.26747	0.01598	0.00397	23	7.92	24%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0910	0.25500	0.03000	0.26747	0.01598	0.00397	23	-0.78	2%	1
127.02	Histidine, Post-col OPA Der (%)	0098	0.26100	0.00800				1			0
127.05	Histidine, Pre-col AQC Der (%)	0853	0.05000	0.02000	0.25623	0.02658	0.00533	6	-7.76	40%	0
127.05	Histidine, Pre-col AQC Der (%)	0626	0.24450	0.00700	0.25623	0.02658	0.00533	6	-0.44	2%	0
127.05	Histidine, Pre-col AQC Der (%)	2196	0.25500	0.00000	0.25623	0.02658	0.00533	6	-0.05	0%	0
127.05	Histidine, Pre-col AQC Der (%)	0148	0.27000	0.00000	0.25623	0.02658	0.00533	6	0.52	3%	0
127.05	Histidine, Pre-col AQC Der (%)	0676	0.27000	0.00000	0.25623	0.02658	0.00533	6	0.52	3%	0
127.05	Histidine, Pre-col AQC Der (%)	0407	0.28150	0.00500	0.25623	0.02658	0.00533	6	0.95	5%	0
127.05	Histidine, Pre-col AQC Der (%)	2188	1.9200	0.08000	0.25623	0.02658	0.00533	6	62.60	325%	1
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0353	0.26000	0.00000	0.34408	0.01891	0.00470	24	-4.45	12%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0675	0.31000	0.00000	0.34408	0.01891	0.00470	24	-1.80	5%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0682	0.31000	0.00000	0.34408	0.01891	0.00470	24	-1.80	5%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0870	0.31250	0.01640	0.34408	0.01891	0.00470	24	-1.67	5%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0684	0.32550	0.01300	0.34408	0.01891	0.00470	24	-0.98	3%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0354	0.33050	0.00100	0.34408	0.01891	0.00470	24	-0.72	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0968	0.33400	0.00000	0.34408	0.01891	0.00470	24	-0.53	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0859	0.34350	0.00700	0.34408	0.01891	0.00470	24	-0.03	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0878	0.34350	0.01700	0.34408	0.01891	0.00470	24	-0.03	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0918	0.34410	0.00420	0.34408	0.01891	0.00470	24	0.00	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0227	0.34500	0.01000	0.34408	0.01891	0.00470	24	0.05	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0619	0.34750	0.00500	0.34408	0.01891	0.00470	24	0.18	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0644	0.34900	0.00200	0.34408	0.01891	0.00470	24	0.26	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0208	0.35000	0.00000	0.34408	0.01891	0.00470	24	0.31	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0652	0.35000	0.00000	0.34408	0.01891	0.00470	24	0.31	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0868	0.35400	0.00800	0.34408	0.01891	0.00470	24	0.52	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0662	0.35410	0.01040	0.34408	0.01891	0.00470	24	0.53	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0910	0.35500	0.01000	0.34408	0.01891	0.00470	24	0.58	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	2059	0.35550	0.00300	0.34408	0.01891	0.00470	24	0.60	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0571	0.35650	0.00100	0.34408	0.01891	0.00470	24	0.66	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0872	0.35750	0.00100	0.34408	0.01891	0.00470	24	0.71	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0941	0.35750	0.00100	0.34408	0.01891	0.00470	24	0.71	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0504	0.37000	0.00000	0.34408	0.01891	0.00470	24	1.37	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			
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0226	0.42305	0.00290	0.34408	0.01891	0.00470	24	4.18	11%	0
128.02	Isoleucine, Post-col OPA Der (%)	0098	0.33950	0.01300				1			0
128.05	Isoleucine, Pre-col AQC Der (%)	0853	0.21500	0.01000	0.32601	0.06363	0.00517	6	-1.74	17%	0
128.05	Isoleucine, Pre-col AQC Der (%)	0626	0.30450	0.00100	0.32601	0.06363	0.00517	6	-0.34	3%	0
128.05	Isoleucine, Pre-col AQC Der (%)	0676	0.32000	0.00000	0.32601	0.06363	0.00517	6	-0.09	1%	0
128.05	Isoleucine, Pre-col AQC Der (%)	2188	0.34000	0.00000	0.32601	0.06363	0.00517	6	0.22	2%	0
128.05	Isoleucine, Pre-col AQC Der (%)	0148	0.38000	0.02000	0.32601	0.06363	0.00517	6	0.85	8%	0
128.05	Isoleucine, Pre-col AQC Der (%)	2196	0.38100	0.00000	0.32601	0.06363	0.00517	6	0.86	8%	0
128.05	Isoleucine, Pre-col AQC Der (%)	0407	0.32850	0.07700	0.32601	0.06363	0.00517	6	0.04	0%	1
129.00	Leucine, Post-col Ninhydrin Der (%)	0353	0.71500	0.01000	0.80016	0.03639	0.00952	24	-2.34	5%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0682	0.75200	0.00000	0.80016	0.03639	0.00952	24	-1.32	3%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0870	0.75845	0.02610	0.80016	0.03639	0.00952	24	-1.15	3%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0684	0.76250	0.02100	0.80016	0.03639	0.00952	24	-1.04	2%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0354	0.76750	0.00300	0.80016	0.03639	0.00952	24	-0.90	2%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0675	0.77000	0.02000	0.80016	0.03639	0.00952	24	-0.83	2%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0208	0.78500	0.01000	0.80016	0.03639	0.00952	24	-0.42	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0872	0.78650	0.00300	0.80016	0.03639	0.00952	24	-0.38	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0227	0.79000	0.00000	0.80016	0.03639	0.00952	24	-0.28	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0652	0.79000	0.00000	0.80016	0.03639	0.00952	24	-0.28	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0878	0.79350	0.00100	0.80016	0.03639	0.00952	24	-0.18	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0644	0.79800	0.00200	0.80016	0.03639	0.00952	24	-0.06	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0910	0.80000	0.02000	0.80016	0.03639	0.00952	24	0.00	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	2059	0.80250	0.00300	0.80016	0.03639	0.00952	24	0.06	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0571	0.80300	0.00000	0.80016	0.03639	0.00952	24	0.08	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0504	0.81000	0.00000	0.80016	0.03639	0.00952	24	0.27	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0662	0.81695	0.03090	0.80016	0.03639	0.00952	24	0.46	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0868	0.81700	0.01200	0.80016	0.03639	0.00952	24	0.46	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0968	0.82400	0.00400	0.80016	0.03639	0.00952	24	0.66	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0918	0.82470	0.00740	0.80016	0.03639	0.00952	24	0.67	2%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0859	0.84250	0.02100	0.80016	0.03639	0.00952	24	1.16	3%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0941	0.85600	0.00200	0.80016	0.03639	0.00952	24	1.53	3%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0619	0.87750	0.02300	0.80016	0.03639	0.00952	24	2.13	5%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0226	0.90650	0.00900	0.80016	0.03639	0.00952	24	2.92	7%	0
129.02	Leucine, Post-col OPA Der (%)	0098	0.79550	0.00500				1			0
129.05	Leucine, Pre-col AQC Der (%)	2188	0.74500	0.03000	0.77133	0.02939	0.00900	6	-0.90	2%	0
129.05	Leucine, Pre-col AQC Der (%)	0407	0.75200	0.00400	0.77133	0.02939	0.00900	6	-0.66	1%	0
129.05	Leucine, Pre-col AQC Der (%)	0626	0.75500	0.00000	0.77133	0.02939	0.00900	6	-0.56	1%	0
129.05	Leucine, Pre-col AQC Der (%)	0676	0.77000	0.00000	0.77133	0.02939	0.00900	6	-0.05	0%	0
129.05	Leucine, Pre-col AQC Der (%)	0148	0.80000	0.02000	0.77133	0.02939	0.00900	6	0.98	2%	0
129.05	Leucine, Pre-col AQC Der (%)	2196	0.80600	0.00000	0.77133	0.02939	0.00900	6	1.18	2%	0
129.05	Leucine, Pre-col AQC Der (%)	0853	0.93000	0.10000	0.77133	0.02939	0.00900	6	5.40	10%	1
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0227	0.33000	0.02000	0.40773	0.02475	0.00808	24	-3.14	10%	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 (%)	0353	0.35000	0.00000	0.40773	0.02475	0.00808	24	-2.33	7%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0684	0.37950	0.01100	0.40773	0.02475	0.00808	24	-1.14	3%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0208	0.38500	0.01000	0.40773	0.02475	0.00808	24	-0.92	3%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0675	0.38500	0.01000	0.40773	0.02475	0.00808	24	-0.92	3%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0354	0.38850	0.00700	0.40773	0.02475	0.00808	24	-0.78	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0910	0.39500	0.03000	0.40773	0.02475	0.00808	24	-0.51	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0872	0.39600	0.00400	0.40773	0.02475	0.00808	24	-0.47	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0878	0.40450	0.00100	0.40773	0.02475	0.00808	24	-0.13	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0652	0.40500	0.01000	0.40773	0.02475	0.00808	24	-0.11	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0571	0.40600	0.00400	0.40773	0.02475	0.00808	24	-0.07	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0870	0.40640	0.01360	0.40773	0.02475	0.00808	24	-0.05	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0968	0.40700	0.00000	0.40773	0.02475	0.00808	24	-0.03	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0644	0.40850	0.00500	0.40773	0.02475	0.00808	24	0.03	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0662	0.40895	0.00210	0.40773	0.02475	0.00808	24	0.05	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0918	0.41110	0.01540	0.40773	0.02475	0.00808	24	0.14	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0941	0.41800	0.00600	0.40773	0.02475	0.00808	24	0.41	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	2059	0.41950	0.00500	0.40773	0.02475	0.00808	24	0.48	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0226	0.42270	0.01580	0.40773	0.02475	0.00808	24	0.60	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0868	0.43200	0.01400	0.40773	0.02475	0.00808	24	0.98	3%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0859	0.43400	0.00000	0.40773	0.02475	0.00808	24	1.06	3%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0619	0.44200	0.01000	0.40773	0.02475	0.00808	24	1.38	4%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0504	0.45000	0.00000	0.40773	0.02475	0.00808	24	1.71	5%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0682	0.54700	0.00000	0.40773	0.02475	0.00808	24	5.63	17%	0
130.02	L-Lysine, Post-col OPA Der (%)	0098	0.38550	0.00100				1			0
130.05	L-Lysine, Pre-col AQC Der (%)	0853	0.27000	0.04000	0.38957	0.02872	0.01500	7	-4.16	15%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0407	0.37600	0.00800	0.38957	0.02872	0.01500	7	-0.47	2%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0676	0.38000	0.00000	0.38957	0.02872	0.01500	7	-0.33	1%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0626	0.39250	0.00700	0.38957	0.02872	0.01500	7	0.10	0%	0
130.05	L-Lysine, Pre-col AQC Der (%)	2188	0.39500	0.03000	0.38957	0.02872	0.01500	7	0.19	1%	0
130.05	L-Lysine, Pre-col AQC Der (%)	2196	0.41700	0.00000	0.38957	0.02872	0.01500	7	0.96	4%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0148	0.42000	0.02000	0.38957	0.02872	0.01500	7	1.06	4%	0
130.99	L-Lysine, Miscellaneous (%)	2053	0.35500	0.01000				2			0
130.99	L-Lysine, Miscellaneous (%)	2145	0.53500	0.03000				2			0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0684	0.01300	0.00000	0.12289	0.01112	0.00362	23	-9.88	45%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0870	0.09930	0.00060	0.12289	0.01112	0.00362	23	-2.12	10%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0941	0.09950	0.00100	0.12289	0.01112	0.00362	23	-2.10	10%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0675	0.11000	0.00000	0.12289	0.01112	0.00362	23	-1.16	5%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0227	0.11500	0.01000	0.12289	0.01112	0.00362	23	-0.71	3%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0652	0.11500	0.01000	0.12289	0.01112	0.00362	23	-0.71	3%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0619	0.11650	0.00300	0.12289	0.01112	0.00362	23	-0.57	3%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0353	0.12000	0.02000	0.12289	0.01112	0.00362	23	-0.26	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0504	0.12000	0.00000	0.12289	0.01112	0.00362	23	-0.26	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			
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0354	0.12300	0.00200	0.12289	0.01112	0.00362	23	0.01	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0571	0.12350	0.00100	0.12289	0.01112	0.00362	23	0.05	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0878	0.12500	0.00600	0.12289	0.01112	0.00362	23	0.19	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0910	0.12500	0.01000	0.12289	0.01112	0.00362	23	0.19	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0872	0.12650	0.00300	0.12289	0.01112	0.00362	23	0.32	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0662	0.12730	0.00180	0.12289	0.01112	0.00362	23	0.40	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0682	0.12800	0.00000	0.12289	0.01112	0.00362	23	0.46	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0968	0.12900	0.00400	0.12289	0.01112	0.00362	23	0.55	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0868	0.12950	0.00100	0.12289	0.01112	0.00362	23	0.59	3%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	2059	0.13050	0.00100	0.12289	0.01112	0.00362	23	0.68	3%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0859	0.13150	0.00100	0.12289	0.01112	0.00362	23	0.77	4%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0644	0.13500	0.00200	0.12289	0.01112	0.00362	23	1.09	5%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0226	0.13795	0.00590	0.12289	0.01112	0.00362	23	1.35	6%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0918	0.14000	0.00000	0.12289	0.01112	0.00362	23	1.54	7%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0208	0.14400	0.02400	0.12289	0.01112	0.00362	23	1.90	9%	1
131.02	Methionine, PAO Post-col OPA Der (%)	0098	0.12000	0.00000				1			0
131.05	Methionine, PAO Pre-col AQC Der (%)	0626	0.09700	0.00400	0.13327	0.03889	0.00633	6	-0.93	14%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	0676	0.11000	0.00000	0.13327	0.03889	0.00633	6	-0.60	9%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	0148	0.11500	0.01000	0.13327	0.03889	0.00633	6	-0.47	7%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	2196	0.13600	0.00000	0.13327	0.03889	0.00633	6	0.07	1%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	0407	0.15000	0.01400	0.13327	0.03889	0.00633	6	0.43	6%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	2188	0.29500	0.01000	0.13327	0.03889	0.00633	6	4.16	61%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	0853	0.00500	0.01000	0.13327	0.03889	0.00633	6			4
131.99	Methionine, Miscellaneous (%)	2053	0.11000	0.02000				2			0
131.99	Methionine, Miscellaneous (%)	2145	0.15500	0.01000				2			0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0941	0.36350	0.00100	0.40935	0.03907	0.00816	23	-1.17	6%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0675	0.37500	0.01000	0.40935	0.03907	0.00816	23	-0.88	4%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0684	0.37950	0.01100	0.40935	0.03907	0.00816	23	-0.76	4%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0868	0.37950	0.00900	0.40935	0.03907	0.00816	23	-0.76	4%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0872	0.38000	0.01200	0.40935	0.03907	0.00816	23	-0.75	4%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0878	0.38150	0.00100	0.40935	0.03907	0.00816	23	-0.71	3%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0870	0.38180	0.00740	0.40935	0.03907	0.00816	23	-0.71	3%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0208	0.38500	0.01000	0.40935	0.03907	0.00816	23	-0.62	3%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0227	0.38500	0.01000	0.40935	0.03907	0.00816	23	-0.62	3%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0910	0.39000	0.00000	0.40935	0.03907	0.00816	23	-0.50	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0644	0.39500	0.00600	0.40935	0.03907	0.00816	23	-0.37	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0571	0.39650	0.00500	0.40935	0.03907	0.00816	23	-0.33	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0354	0.39900	0.00400	0.40935	0.03907	0.00816	23	-0.26	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	2059	0.40100	0.00600	0.40935	0.03907	0.00816	23	-0.21	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0504	0.40500	0.03000	0.40935	0.03907	0.00816	23	-0.11	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0968	0.41850	0.00100	0.40935	0.03907	0.00816	23	0.23	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0918	0.44680	0.00320	0.40935	0.03907	0.00816	23	0.96	5%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0682	0.44700	0.00000	0.40935	0.03907	0.00816	23	0.96	5%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0859	0.45150	0.01100	0.40935	0.03907	0.00816	23	1.08	5%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0353	0.45500	0.01000	0.40935	0.03907	0.00816	23	1.17	6%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0662	0.46310	0.02700	0.40935	0.03907	0.00816	23	1.38	7%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0226	0.48165	0.00210	0.40935	0.03907	0.00816	23	1.85	9%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0619	0.49950	0.01100	0.40935	0.03907	0.00816	23	2.31	11%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0652	0.41500	0.07000	0.40935	0.03907	0.00816	23	0.14	1%	1
132.02	Phenylalanine, Post-col OPA Der (%)	0098	0.38450	0.00900				1			0
132.05	Phenylalanine, Pre-col AQC Der (%)	0853	0.33000	0.04000	0.37607	0.02872	0.00986	7	-1.60	6%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	0407	0.34900	0.01600	0.37607	0.02872	0.00986	7	-0.94	4%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	0148	0.38000	0.00000	0.37607	0.02872	0.00986	7	0.14	1%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	0676	0.38500	0.01000	0.37607	0.02872	0.00986	7	0.31	1%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	0626	0.38850	0.00300	0.37607	0.02872	0.00986	7	0.43	2%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	2196	0.39700	0.00000	0.37607	0.02872	0.00986	7	0.73	3%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	2188	0.40000	0.00000	0.37607	0.02872	0.00986	7	0.83	3%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0870	0.66190	0.01640	0.75199	0.03498	0.01440	23	-2.58	6%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0662	0.69715	0.05510	0.75199	0.03498	0.01440	23	-1.57	4%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0354	0.70700	0.01000	0.75199	0.03498	0.01440	23	-1.29	3%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0353	0.71000	0.00000	0.75199	0.03498	0.01440	23	-1.20	3%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0684	0.72500	0.00200	0.75199	0.03498	0.01440	23	-0.77	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0918	0.73370	0.01480	0.75199	0.03498	0.01440	23	-0.52	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0675	0.73500	0.01000	0.75199	0.03498	0.01440	23	-0.49	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0910	0.73500	0.01000	0.75199	0.03498	0.01440	23	-0.49	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0968	0.73800	0.01000	0.75199	0.03498	0.01440	23	-0.40	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0868	0.75050	0.00500	0.75199	0.03498	0.01440	23	-0.04	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	2059	0.75150	0.00700	0.75199	0.03498	0.01440	23	-0.01	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0878	0.75300	0.00800	0.75199	0.03498	0.01440	23	0.03	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0227	0.75500	0.03000	0.75199	0.03498	0.01440	23	0.09	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0859	0.76400	0.01800	0.75199	0.03498	0.01440	23	0.34	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0504	0.76500	0.01000	0.75199	0.03498	0.01440	23	0.37	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0644	0.77100	0.04800	0.75199	0.03498	0.01440	23	0.54	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0571	0.77300	0.01200	0.75199	0.03498	0.01440	23	0.60	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0872	0.77800	0.01200	0.75199	0.03498	0.01440	23	0.74	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0208	0.78000	0.02000	0.75199	0.03498	0.01440	23	0.80	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0652	0.78000	0.00000	0.75199	0.03498	0.01440	23	0.80	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0619	0.78400	0.01600	0.75199	0.03498	0.01440	23	0.92	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0941	0.80350	0.01700	0.75199	0.03498	0.01440	23	1.47	3%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0682	0.91400	0.00000	0.75199	0.03498	0.01440	23	4.63	11%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0226	0.87670	0.11100	0.75199	0.03498	0.01440	23	3.57	8%	1
133.05	Proline, Pre-col AQC Der (%)	0407	0.73150	0.04300	0.86550	0.16468	0.01367	6	-0.81	8%	0
133.05	Proline, Pre-col AQC Der (%)	0676	0.74500	0.01000	0.86550	0.16468	0.01367	6	-0.73	7%	0
133.05	Proline, Pre-col AQC Der (%)	0148	0.77000	0.00000	0.86550	0.16468	0.01367	6	-0.58	6%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
133.05	Proline, Pre-col AQC Der (%)	2196	0.90700	0.00000	0.86550	0.16468	0.01367	6	0.25	2%	0
133.05	Proline, Pre-col AQC Der (%)	0626	0.93450	0.01900	0.86550	0.16468	0.01367	6	0.42	4%	0
133.05	Proline, Pre-col AQC Der (%)	2188	1.1050	0.01000	0.86550	0.16468	0.01367	6	1.45	14%	0
133.05	Proline, Pre-col AQC Der (%)	0853	0.96000	0.14000	0.86550	0.16468	0.01367	6	0.57	5%	1
134.00	Serine, Post-col Ninhydrin Der (%)	0504	0.42000	0.02000	0.49492	0.02514	0.00869	23	-2.98	8%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0662	0.46380	0.00020	0.49492	0.02514	0.00869	23	-1.24	3%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0353	0.47000	0.00000	0.49492	0.02514	0.00869	23	-0.99	3%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0675	0.47000	0.02000	0.49492	0.02514	0.00869	23	-0.99	3%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0910	0.48000	0.00000	0.49492	0.02514	0.00869	23	-0.59	2%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0872	0.48100	0.00800	0.49492	0.02514	0.00869	23	-0.55	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0644	0.48150	0.01300	0.49492	0.02514	0.00869	23	-0.53	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0571	0.48200	0.00000	0.49492	0.02514	0.00869	23	-0.51	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	2059	0.48350	0.00500	0.49492	0.02514	0.00869	23	-0.45	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0208	0.48500	0.01000	0.49492	0.02514	0.00869	23	-0.39	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0652	0.48500	0.01000	0.49492	0.02514	0.00869	23	-0.39	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0684	0.48850	0.02700	0.49492	0.02514	0.00869	23	-0.26	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0878	0.49450	0.01100	0.49492	0.02514	0.00869	23	-0.02	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0227	0.50000	0.00000	0.49492	0.02514	0.00869	23	0.20	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0918	0.50300	0.01740	0.49492	0.02514	0.00869	23	0.32	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0354	0.50450	0.00100	0.49492	0.02514	0.00869	23	0.38	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0941	0.50650	0.00100	0.49492	0.02514	0.00869	23	0.46	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0859	0.50750	0.00900	0.49492	0.02514	0.00869	23	0.50	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0868	0.52150	0.00700	0.49492	0.02514	0.00869	23	1.06	3%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0870	0.52245	0.00530	0.49492	0.02514	0.00869	23	1.09	3%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0968	0.53050	0.01500	0.49492	0.02514	0.00869	23	1.41	4%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0619	0.57900	0.02000	0.49492	0.02514	0.00869	23	3.34	8%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0682	0.57900	0.00000	0.49492	0.02514	0.00869	23	3.34	8%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0226	0.53075	0.06070	0.49492	0.02514	0.00869	23	1.42	4%	1
134.02	Serine, Post-col OPA Der (%)	0098	0.44300	0.00800				1			0
134.05	Serine, Pre-col AQC Der (%)	0626	0.47800	0.00200	0.51086	0.02868	0.03114	7	-1.15	3%	0
134.05	Serine, Pre-col AQC Der (%)	0676	0.48500	0.01000	0.51086	0.02868	0.03114	7	-0.90	3%	0
134.05	Serine, Pre-col AQC Der (%)	0407	0.50200	0.05600	0.51086	0.02868	0.03114	7	-0.31	1%	0
134.05	Serine, Pre-col AQC Der (%)	2188	0.50500	0.01000	0.51086	0.02868	0.03114	7	-0.20	1%	0
134.05	Serine, Pre-col AQC Der (%)	2196	0.52600	0.00000	0.51086	0.02868	0.03114	7	0.53	1%	0
134.05	Serine, Pre-col AQC Der (%)	0853	0.53500	0.09000	0.51086	0.02868	0.03114	7	0.84	2%	0
134.05	Serine, Pre-col AQC Der (%)	0148	0.54500	0.05000	0.51086	0.02868	0.03114	7	1.19	3%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0353	0.35000	0.00000	0.38471	0.01533	0.00499	23	-2.26	5%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0662	0.35140	0.00360	0.38471	0.01533	0.00499	23	-2.17	4%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0504	0.37000	0.00000	0.38471	0.01533	0.00499	23	-0.96	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0684	0.37100	0.00800	0.38471	0.01533	0.00499	23	-0.89	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0571	0.37250	0.00500	0.38471	0.01533	0.00499	23	-0.80	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0910	0.37500	0.01000	0.38471	0.01533	0.00499	23	-0.63	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	
135.00	Threonine, Post-col Ninhydrin Der (%)	0872	0.37750	0.00500	0.38471	0.01533	0.00499	23	-0.47	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	2059	0.37900	0.00400	0.38471	0.01533	0.00499	23	-0.37	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0208	0.38000	0.00000	0.38471	0.01533	0.00499	23	-0.31	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0652	0.38000	0.00000	0.38471	0.01533	0.00499	23	-0.31	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0878	0.38100	0.02000	0.38471	0.01533	0.00499	23	-0.24	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0941	0.38150	0.00900	0.38471	0.01533	0.00499	23	-0.21	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0644	0.38400	0.01000	0.38471	0.01533	0.00499	23	-0.05	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0868	0.38900	0.00000	0.38471	0.01533	0.00499	23	0.28	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0354	0.38950	0.00100	0.38471	0.01533	0.00499	23	0.31	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0227	0.39000	0.00000	0.38471	0.01533	0.00499	23	0.35	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0870	0.39085	0.00770	0.38471	0.01533	0.00499	23	0.40	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0226	0.39340	0.02300	0.38471	0.01533	0.00499	23	0.57	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0859	0.39800	0.00400	0.38471	0.01533	0.00499	23	0.87	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0918	0.39945	0.00150	0.38471	0.01533	0.00499	23	0.96	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0968	0.41250	0.00100	0.38471	0.01533	0.00499	23	1.81	4%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0619	0.42900	0.00200	0.38471	0.01533	0.00499	23	2.89	6%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0682	0.44200	0.00000	0.38471	0.01533	0.00499	23	3.74	7%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0675	0.35500	0.03000	0.38471	0.01533	0.00499	23	-1.94	4%	1
135.02	Threonine, Post-col OPA Der (%)	0098	0.37700	0.00600				1			0
135.05	Threonine, Pre-col AQC Der (%)	0407	0.32100	0.06600	0.35357	0.03036	0.03971	7	-1.07	5%	0
135.05	Threonine, Pre-col AQC Der (%)	0853	0.32500	0.05000	0.35357	0.03036	0.03971	7	-0.94	4%	0
135.05	Threonine, Pre-col AQC Der (%)	0626	0.34200	0.02200	0.35357	0.03036	0.03971	7	-0.38	2%	0
135.05	Threonine, Pre-col AQC Der (%)	0676	0.35500	0.01000	0.35357	0.03036	0.03971	7	0.05	0%	0
135.05	Threonine, Pre-col AQC Der (%)	0148	0.36500	0.01000	0.35357	0.03036	0.03971	7	0.38	2%	0
135.05	Threonine, Pre-col AQC Der (%)	2188	0.37000	0.12000	0.35357	0.03036	0.03971	7	0.54	2%	0
135.05	Threonine, Pre-col AQC Der (%)	2196	0.39700	0.00000	0.35357	0.03036	0.03971	7	1.43	6%	0
135.99	Threonine, Miscellaneous (%)	2145	0.38000	0.00000				1			0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0684	0.07300	0.00600	0.09138	0.01946	0.00924	8	-0.94	10%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0870	0.07590	0.00520	0.09138	0.01946	0.00924	8	-0.80	8%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0682	0.07900	0.00000	0.09138	0.01946	0.00924	8	-0.64	7%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0910	0.08000	0.02000	0.09138	0.01946	0.00924	8	-0.58	6%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0619	0.09500	0.00000	0.09138	0.01946	0.00924	8	0.19	2%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0227	0.10000	0.00000	0.09138	0.01946	0.00924	8	0.44	5%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0662	0.10755	0.01270	0.09138	0.01946	0.00924	8	0.83	9%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0918	0.13500	0.03000	0.09138	0.01946	0.00924	8	2.24	24%	0
136.01	Tryptophan, Alka-Hydrol Rev Phase LC UV (%)	0208	0.07750	0.00700				3			0
136.01	Tryptophan, Alka-Hydrol Rev Phase LC UV (%)	0868	0.08050	0.00500				3			0
136.01	Tryptophan, Alka-Hydrol Rev Phase LC UV (%)	0878	0.08850	0.00300				3			0
136.02	Tryptophan, Alka-Hydrol Post-col OPA De (%)	0098	0.09050	0.00300				1			0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0872	0.08800	0.00200	0.09500	0.00877	0.00080	5			0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	2059	0.09000	0.00000	0.09500	0.00877	0.00080	5			0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0859	0.09200	0.00200	0.09500	0.00877	0.00080	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			
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0571	0.09500	0.00000	0.09500	0.00877	0.00080	5			0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0353	0.11000	0.00000	0.09500	0.00877	0.00080	5			0
136.05	Tryptophan, Pre-col AQC Der (%)	0407	0.09350	0.00500				1			0
136.99	Tryptophan, Miscellaneous (%)	0504	0.05500	0.01000				1			0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0910	0.08500	0.01000	0.29336	0.03670	0.00968	15	-5.68	36%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0682	0.22700	0.00000	0.29336	0.03670	0.00968	15	-1.81	11%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0675	0.26000	0.02000	0.29336	0.03670	0.00968	15	-0.91	6%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0208	0.27000	0.00000	0.29336	0.03670	0.00968	15	-0.64	4%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0227	0.27500	0.01000	0.29336	0.03670	0.00968	15	-0.50	3%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0354	0.27950	0.00500	0.29336	0.03670	0.00968	15	-0.38	2%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0504	0.29500	0.03000	0.29336	0.03670	0.00968	15	0.04	0%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0684	0.29750	0.01100	0.29336	0.03670	0.00968	15	0.11	1%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0968	0.30700	0.00200	0.29336	0.03670	0.00968	15	0.37	2%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0918	0.31235	0.00410	0.29336	0.03670	0.00968	15	0.52	3%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0644	0.31550	0.00500	0.29336	0.03670	0.00968	15	0.60	4%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0353	0.32000	0.00000	0.29336	0.03670	0.00968	15	0.73	5%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	2059	0.32000	0.00400	0.29336	0.03670	0.00968	15	0.73	5%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0872	0.32350	0.03300	0.29336	0.03670	0.00968	15	0.82	5%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0226	0.36685	0.01110	0.29336	0.03670	0.00968	15	2.00	13%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0941	0.28200	0.08000	0.29336	0.03670	0.00968	15	-0.31	2%	1
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0870	< 0.1		0.29336	0.03670	0.00968	15			5
137.02	Tyrosine, Post-col OPA Der (%)	0098	0.28550	0.00900				1			0
137.05	Tyrosine, Pre-col AQC Der (%)	0626	0.25150	0.00500	0.33693	0.05940	0.01529	7	-1.44	13%	0
137.05	Tyrosine, Pre-col AQC Der (%)	0676	0.30500	0.01000	0.33693	0.05940	0.01529	7	-0.54	5%	0
137.05	Tyrosine, Pre-col AQC Der (%)	2196	0.31100	0.00000	0.33693	0.05940	0.01529	7	-0.44	4%	0
137.05	Tyrosine, Pre-col AQC Der (%)	0407	0.33100	0.03200	0.33693	0.05940	0.01529	7	-0.10	1%	0
137.05	Tyrosine, Pre-col AQC Der (%)	0148	0.38500	0.01000	0.33693	0.05940	0.01529	7	0.81	7%	0
137.05	Tyrosine, Pre-col AQC Der (%)	0853	0.38500	0.05000	0.33693	0.05940	0.01529	7	0.81	7%	0
137.05	Tyrosine, Pre-col AQC Der (%)	2188	0.39000	0.00000	0.33693	0.05940	0.01529	7	0.89	8%	0
137.99	Tyrosine, Miscellaneous (%)	0662	0.45935	0.04790				1			0
138.00	Valine, Post-col Ninhydrin Der (%)	0353	0.37000	0.00000	0.49333	0.02792	0.00665	23	-4.42	12%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0675	0.45500	0.01000	0.49333	0.02792	0.00665	23	-1.37	4%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0870	0.45580	0.00020	0.49333	0.02792	0.00665	23	-1.34	4%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0684	0.45750	0.01300	0.49333	0.02792	0.00665	23	-1.28	4%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0662	0.47475	0.00830	0.49333	0.02792	0.00665	23	-0.67	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0652	0.47500	0.01000	0.49333	0.02792	0.00665	23	-0.66	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0227	0.48500	0.01000	0.49333	0.02792	0.00665	23	-0.30	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0872	0.48900	0.00400	0.49333	0.02792	0.00665	23	-0.16	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0619	0.49100	0.01600	0.49333	0.02792	0.00665	23	-0.08	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0354	0.49150	0.00700	0.49333	0.02792	0.00665	23	-0.07	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0504	0.49500	0.01000	0.49333	0.02792	0.00665	23	0.06	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0910	0.49500	0.01000	0.49333	0.02792	0.00665	23	0.06	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
138.00	Valine, Post-col Ninhydrin Der (%)	2059	0.49550	0.00500	0.49333	0.02792	0.00665	23	0.08	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0571	0.49600	0.00400	0.49333	0.02792	0.00665	23	0.10	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0968	0.49650	0.00500	0.49333	0.02792	0.00665	23	0.11	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0878	0.49750	0.00900	0.49333	0.02792	0.00665	23	0.15	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0644	0.50000	0.00200	0.49333	0.02792	0.00665	23	0.24	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0859	0.50500	0.01000	0.49333	0.02792	0.00665	23	0.42	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0208	0.51500	0.01000	0.49333	0.02792	0.00665	23	0.78	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0941	0.51950	0.00500	0.49333	0.02792	0.00665	23	0.94	3%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0918	0.54165	0.00370	0.49333	0.02792	0.00665	23	1.73	5%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0226	0.61030	0.00080	0.49333	0.02792	0.00665	23	4.19	12%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0682	0.65000	0.00000	0.49333	0.02792	0.00665	23	5.61	16%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0868	0.51450	0.04500	0.49333	0.02792	0.00665	23	0.76	2%	1
138.02	Valine, Post-col OPA Der (%)	0098	0.49300	0.01400				1			0
138.05	Valine, Pre-col AQC Der (%)	0853	0.41000	0.02000	0.46250	0.03632	0.01100	6	-1.45	6%	0
138.05	Valine, Pre-col AQC Der (%)	0626	0.45600	0.00600	0.46250	0.03632	0.01100	6	-0.18	1%	0
138.05	Valine, Pre-col AQC Der (%)	2196	0.45900	0.00000	0.46250	0.03632	0.01100	6	-0.10	0%	0
138.05	Valine, Pre-col AQC Der (%)	2188	0.46000	0.02000	0.46250	0.03632	0.01100	6	-0.07	0%	0
138.05	Valine, Pre-col AQC Der (%)	0676	0.48500	0.01000	0.46250	0.03632	0.01100	6	0.62	2%	0
138.05	Valine, Pre-col AQC Der (%)	0148	0.50500	0.01000	0.46250	0.03632	0.01100	6	1.17	5%	0
138.05	Valine, Pre-col AQC Der (%)	0407	0.45700	0.08400	0.46250	0.03632	0.01100	6	-0.15	1%	1
139.00	Taurine, Post-col Ninhydrin Der (%)	0682	0.04600	0.00000				2			0
139.00	Taurine, Post-col Ninhydrin Der (%)	0504	0.15000	0.02000				2			0
139.02	Taurine, Post-col OPA Der (%)	0098	< 0.01					0			5
139.05	Taurine, Pre-col AQC Der (%)	0407	0.00750	0.00100				1			0
160.99	Fructose, Miscellaneous (%)	0638	0.40000	0.00000	0.51300	0.10354	0.03000	5			0
160.99	Fructose, Miscellaneous (%)	0619	0.42000	0.00000	0.51300	0.10354	0.03000	5			0
160.99	Fructose, Miscellaneous (%)	0148	0.53500	0.05000	0.51300	0.10354	0.03000	5			0
160.99	Fructose, Miscellaneous (%)	0227	0.56000	0.00000	0.51300	0.10354	0.03000	5			0
160.99	Fructose, Miscellaneous (%)	0861	0.65000	0.10000	0.51300	0.10354	0.03000	5			0
162.99	Glucose, Miscellaneous (%)	0619	0.16350	0.00100	0.25088	0.06475	0.00525	4			0
162.99	Glucose, Miscellaneous (%)	0227	0.24000	0.02000	0.25088	0.06475	0.00525	4			0
162.99	Glucose, Miscellaneous (%)	0638	0.30000	0.00000	0.25088	0.06475	0.00525	4			0
162.99	Glucose, Miscellaneous (%)	0861	0.30000	0.00000	0.25088	0.06475	0.00525	4			0
162.99	Glucose, Miscellaneous (%)	0148	0.31000	0.12000	0.25088	0.06475	0.00525	4			1
163.99	Lactose, Miscellaneous (%)	0148	0.00000	0.00000				0			4
163.99	Lactose, Miscellaneous (%)	0619	0.00000	0.00000				0			4
163.99	Lactose, Miscellaneous (%)	0861	< 0.1					0			5
163.99	Lactose, Miscellaneous (%)	0227	< 0.15					0			5
164.99	Maltose, Miscellaneous (%)	0227	0.34000	0.18000				1			0
164.99	Maltose, Miscellaneous (%)	0148	0.00000	0.00000				1			4
164.99	Maltose, Miscellaneous (%)	0861	< 0.1					1			5
165.99	Sucrose, Miscellaneous (%)	0861	0.90000	0.00000				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			
165.99	Sucrose, Miscellaneous (%)	0619	0.92150	0.00100				2			0
165.99	Sucrose, Miscellaneous (%)	0227	0.90000	0.08000				2			1
165.99	Sucrose, Miscellaneous (%)	0148	0.75500	0.01000				2			2
166.99	Raffinose, Miscellaneous (%)	0227	0.14500	0.01000				2			0
166.99	Raffinose, Miscellaneous (%)	0619	0.17100	0.00200				2			0
167.99	Stachyose, Miscellaneous (%)	0227	0.20000	0.00000				2			0
167.99	Stachyose, Miscellaneous (%)	0619	0.26400	0.00200				2			0
351.00	Chlortetracycline, Plate (mg/kg (ppm))	0964	959.55	39.198				2			0
351.00	Chlortetracycline, Plate (mg/kg (ppm))	0218	1,038.3	10.138				2			0
351.03	Chlortetracycline, LC (UV or FL) (mg/kg (ppm))	0009	722.24	7.3500	854.80	114.29	51.688	9	-1.16	8%	0
351.03	Chlortetracycline, LC (UV or FL) (mg/kg (ppm))	0038	744.23	27.650	854.80	114.29	51.688	9	-0.97	6%	0
351.03	Chlortetracycline, LC (UV or FL) (mg/kg (ppm))	2135	789.89	16.185	854.80	114.29	51.688	9	-0.57	4%	0
351.03	Chlortetracycline, LC (UV or FL) (mg/kg (ppm))	0910	798.50	83.000	854.80	114.29	51.688	9	-0.49	3%	0
351.03	Chlortetracycline, LC (UV or FL) (mg/kg (ppm))	0013	855.79	41.110	854.80	114.29	51.688	9	0.01	0%	0
351.03	Chlortetracycline, LC (UV or FL) (mg/kg (ppm))	0010	879.45	18.100	854.80	114.29	51.688	9	0.22	1%	0
351.03	Chlortetracycline, LC (UV or FL) (mg/kg (ppm))	0036	931.90	16.800	854.80	114.29	51.688	9	0.67	5%	0
351.03	Chlortetracycline, LC (UV or FL) (mg/kg (ppm))	0032	945.00	122.00	854.80	114.29	51.688	9	0.79	5%	0
351.03	Chlortetracycline, LC (UV or FL) (mg/kg (ppm))	0875	1,053.5	133.00	854.80	114.29	51.688	9	1.74	12%	0
351.04	Chlortetracycline, LC-MS (mg/kg (ppm))	2053	750.00	20.000				1			0
351.05	Chlortetracycline, LC-MS/MS (mg/kg (ppm))	0939	619.31	0.00000				2			0
351.05	Chlortetracycline, LC-MS/MS (mg/kg (ppm))	0028	991.25	78.700				2			0
361.02	Lasalocid Sodium, LC (mg/kg (ppm))	0964	2.5761	0.07930				2			0
361.02	Lasalocid Sodium, LC (mg/kg (ppm))	0036	2.7000	0.00000				2			0
361.03	Lasalocid Sodium, LC (UV or FL) (mg/kg (ppm))	0038	2.5160	0.15200				2			0
361.03	Lasalocid Sodium, LC (UV or FL) (mg/kg (ppm))	0610	2.7750	0.13000				2			0
361.05	Lasalocid Sodium, LC-MS/MS (mg/kg (ppm))	0875	2.0800	0.48000	2.9275	1.1573	0.36000	4			0
361.05	Lasalocid Sodium, LC-MS/MS (mg/kg (ppm))	2055	2.2300	0.34000	2.9275	1.1573	0.36000	4			0
361.05	Lasalocid Sodium, LC-MS/MS (mg/kg (ppm))	2113	2.8000	0.40000	2.9275	1.1573	0.36000	4			0
361.05	Lasalocid Sodium, LC-MS/MS (mg/kg (ppm))	0553	4.6000	0.22000	2.9275	1.1573	0.36000	4			0
365.00	Monensin, Plate (mg/kg (ppm))	0027	33.970	1.6400				1			0
365.02	Monensin, LC (mg/kg (ppm))	0610	28.650	0.10000	29.998	0.77586	0.32167	6	-1.74	2%	0
365.02	Monensin, LC (mg/kg (ppm))	0032	29.900	0.20000	29.998	0.77586	0.32167	6	-0.13	0%	0
365.02	Monensin, LC (mg/kg (ppm))	0904	29.955	0.63000	29.998	0.77586	0.32167	6	-0.06	0%	0
365.02	Monensin, LC (mg/kg (ppm))	0905	30.000	0.00000	29.998	0.77586	0.32167	6	0.00	0%	0
365.02	Monensin, LC (mg/kg (ppm))	0910	30.400	0.60000	29.998	0.77586	0.32167	6	0.52	1%	0
365.02	Monensin, LC (mg/kg (ppm))	0668	30.900	0.40000	29.998	0.77586	0.32167	6	1.16	2%	0
365.03	Monensin, LC-PCD (mg/kg (ppm))	0010	30.350	3.3000	30.862	0.34645	1.2843	4			0
365.03	Monensin, LC-PCD (mg/kg (ppm))	0036	30.950	0.50000	30.862	0.34645	1.2843	4			0
365.03	Monensin, LC-PCD (mg/kg (ppm))	0218	31.058	0.39700	30.862	0.34645	1.2843	4			0
365.03	Monensin, LC-PCD (mg/kg (ppm))	0009	31.090	0.94000	30.862	0.34645	1.2843	4			0
365.03	Monensin, LC-PCD (mg/kg (ppm))	0028	34.000	5.0000	30.862	0.34645	1.2843	4			2
365.04	Monensin, LC-MS (mg/kg (ppm))	0013	29.980	0.00000				3			0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
365.04	Monensin, LC-MS (mg/kg (ppm))	2053	32.500	0.60000				3			0
365.04	Monensin, LC-MS (mg/kg (ppm))	0964	32.860	1.1976				3			0
365.05	Monensin, LC-MS/MS (mg/kg (ppm))	2127	11.075	0.07000	29.082	7.8462	1.1900	7	-2.29	31%	0
365.05	Monensin, LC-MS/MS (mg/kg (ppm))	2055	26.110	2.9000	29.082	7.8462	1.1900	7	-0.38	5%	0
365.05	Monensin, LC-MS/MS (mg/kg (ppm))	2113	28.500	1.0000	29.082	7.8462	1.1900	7	-0.07	1%	0
365.05	Monensin, LC-MS/MS (mg/kg (ppm))	0610	28.950	0.36000	29.082	7.8462	1.1900	7	-0.02	0%	0
365.05	Monensin, LC-MS/MS (mg/kg (ppm))	0001	29.350	1.9000	29.082	7.8462	1.1900	7	0.03	0%	0
365.05	Monensin, LC-MS/MS (mg/kg (ppm))	0875	33.200	0.40000	29.082	7.8462	1.1900	7	0.52	7%	0
365.05	Monensin, LC-MS/MS (mg/kg (ppm))	0553	40.150	1.7000	29.082	7.8462	1.1900	7	1.41	19%	0
365.05	Monensin, LC-MS/MS (mg/kg (ppm))	0038	36.440	9.7600	29.082	7.8462	1.1900	7	0.94	13%	1
365.99	Monensin, Miscellaneous (mg/kg (ppm))	0668	31.055	0.39000				3			0
365.99	Monensin, Miscellaneous (mg/kg (ppm))	0171	34.875	1.5500				3			0
365.99	Monensin, Miscellaneous (mg/kg (ppm))	0033	39.300	2.2000				3			0
373.03	Oxytetracycline, LC (mg/kg (ppm))	0218	893.90	16.200				3			0
373.03	Oxytetracycline, LC (mg/kg (ppm))	0036	950.75	18.700				3			0
373.03	Oxytetracycline, LC (mg/kg (ppm))	0032	962.50	101.00				3			0
373.04	Oxytetracycline, LC, AOAC (mg/kg (ppm))	0033	798.00	14.000				2			0
373.04	Oxytetracycline, LC, AOAC (mg/kg (ppm))	0038	1,047.5	57.000				2			0
373.05	Oxytetracycline, LC-MS (mg/kg (ppm))	2053	897.50	51.000				1			0
373.06	Oxytetracycline, LC-MS/MS (mg/kg (ppm))	0028	483.60	6.4000				2			0
373.06	Oxytetracycline, LC-MS/MS (mg/kg (ppm))	0939	604.38	0.00000				2			0
373.99	Oxytetracycline, Miscellaneous (mg/kg (ppm))	0160	787.50	29.000				1			0
388.00	Tylosin, Plate (mg/kg (ppm))	0218	93.526	5.6165				2			0
388.00	Tylosin, Plate (mg/kg (ppm))	0964	119.57	2.5904				2			0
388.03	Tylosin, LC (mg/kg (ppm))	0910	57.400	11.600				3			0
388.03	Tylosin, LC (mg/kg (ppm))	0032	64.000	6.8000				3			0
388.03	Tylosin, LC (mg/kg (ppm))	0904	148.80	32.490				3			0
388.05	Tylosin, LC-MS/MS (mg/kg (ppm))	0028	55.000	13.800	69.913	24.739	8.2250	4			0
388.05	Tylosin, LC-MS/MS (mg/kg (ppm))	0875	55.400	0.20000	69.913	24.739	8.2250	4			0
388.05	Tylosin, LC-MS/MS (mg/kg (ppm))	2144	62.600	0.80000	69.913	24.739	8.2250	4			0
388.05	Tylosin, LC-MS/MS (mg/kg (ppm))	0010	106.65	18.100	69.913	24.739	8.2250	4			0
388.99	Tylosin, Miscellaneous (mg/kg (ppm))	2145	52.420	0.86000				1			0
400.01	Water Activity, Aqualab chilled mirror (Units)	0407	0.54540	0.00160	0.55444	0.00724	0.00240	7	-1.25	1%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	0843	0.55115	0.00030	0.55444	0.00724	0.00240	7	-0.45	0%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	0942	0.55200	0.00400	0.55444	0.00724	0.00240	7	-0.34	0%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	0589	0.55250	0.00700	0.55444	0.00724	0.00240	7	-0.27	0%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	2009	0.55550	0.00100	0.55444	0.00724	0.00240	7	0.15	0%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	2181	0.55925	0.00170	0.55444	0.00724	0.00240	7	0.66	0%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	2109	0.57480	0.00120	0.55444	0.00724	0.00240	7	2.81	2%	0
400.99	Water Activity, Miscellaneous (Units)	0843	0.54900	0.00200				2			0
400.99	Water Activity, Miscellaneous (Units)	2073	0.56550	0.00900				2			0
412.01	Starch, Dietary, Enzymatic-Colorimetric (%)	0353	8.6950	0.09000				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			
516.00	Arsenic, Total, AA, Hydride (mg / kg (ppm))	0045	0.57350	0.02900				1			0
516.43	Arsenic, Total, ICP, Microwave (mg / kg (ppm))	0407	1.1449	0.68620				1			0
516.43	Arsenic, Total, ICP, Microwave (mg / kg (ppm))	0218	< 5					1			5
516.52	Arsenic, Total, ICP-MS, Open vessel (mg / kg (ppm))	0186	0.54300	0.02400				3			0
516.52	Arsenic, Total, ICP-MS, Open vessel (mg / kg (ppm))	0910	0.56000	0.04000				3			0
516.52	Arsenic, Total, ICP-MS, Open vessel (mg / kg (ppm))	2146	0.67000	0.04000				3			0
516.53	Arsenic, Total, ICP-MS, Microwave (mg / kg (ppm))	0227	0.56650	0.00700	0.71147	0.13051	0.01523	6	-1.11	10%	0
516.53	Arsenic, Total, ICP-MS, Microwave (mg / kg (ppm))	0218	0.62000	0.00000	0.71147	0.13051	0.01523	6	-0.70	6%	0
516.53	Arsenic, Total, ICP-MS, Microwave (mg / kg (ppm))	0553	0.64150	0.02900	0.71147	0.13051	0.01523	6	-0.54	5%	0
516.53	Arsenic, Total, ICP-MS, Microwave (mg / kg (ppm))	0918	0.79280	0.01540	0.71147	0.13051	0.01523	6	0.62	6%	0
516.53	Arsenic, Total, ICP-MS, Microwave (mg / kg (ppm))	2012	0.82300	0.03200	0.71147	0.13051	0.01523	6	0.85	8%	0
516.53	Arsenic, Total, ICP-MS, Microwave (mg / kg (ppm))	0098	0.82500	0.00800	0.71147	0.13051	0.01523	6	0.87	8%	0
518.31	Cadmium, AAS, Dry ash (mg / kg (ppm))	0905	< 0.3					0			5
518.41	Cadmium, ICP, Dry ash (mg / kg (ppm))	0171	0.21750	0.02300				1			0
518.43	Cadmium, ICP, Microwave (mg / kg (ppm))	0968	0.28150	0.00100				1			0
518.43	Cadmium, ICP, Microwave (mg / kg (ppm))	0218	< 2					1			5
518.52	Cadmium, ICP-MS, Open vessel (mg / kg (ppm))	0910	0.27000	0.02000				3			0
518.52	Cadmium, ICP-MS, Open vessel (mg / kg (ppm))	0186	0.29150	0.01700				3			0
518.52	Cadmium, ICP-MS, Open vessel (mg / kg (ppm))	2146	0.29500	0.01000				3			0
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	2055	0.22850	0.01500	0.28569	0.02759	0.01503	7	-2.07	10%	0
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	0218	0.26500	0.01000	0.28569	0.02759	0.01503	7	-0.75	4%	0
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	0918	0.28250	0.03020	0.28569	0.02759	0.01503	7	-0.12	1%	0
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	0553	0.28950	0.00300	0.28569	0.02759	0.01503	7	0.14	1%	0
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	0227	0.29800	0.02200	0.28569	0.02759	0.01503	7	0.45	2%	0
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	0098	0.30650	0.00900	0.28569	0.02759	0.01503	7	0.75	4%	0
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	2012	0.31400	0.01600	0.28569	0.02759	0.01503	7	1.03	5%	0
520.41	Chromium, ICP, Dry ash (mg / kg (ppm))	0171	13.542	0.86000				1			0
520.42	Chromium, ICP, Open vessel (mg / kg (ppm))	0693	23.446	0.61200				2			0
520.42	Chromium, ICP, Open vessel (mg / kg (ppm))	0045	26.000	4.4000				2			0
520.43	Chromium, ICP, Microwave (mg / kg (ppm))	0968	17.135	0.13000				3			0
520.43	Chromium, ICP, Microwave (mg / kg (ppm))	0218	28.000	0.00000				3			0
520.43	Chromium, ICP, Microwave (mg / kg (ppm))	0510	28.455	0.07000				3			0
520.52	Chromium, ICP-MS, Open vessel (mg / kg (ppm))	0186	10.850	0.90000				1			0
520.53	Chromium, ICP-MS, Microwave (mg / kg (ppm))	0918	16.218	2.2683				3			0
520.53	Chromium, ICP-MS, Microwave (mg / kg (ppm))	0218	30.000	0.00000				3			0
520.53	Chromium, ICP-MS, Microwave (mg / kg (ppm))	0032	32.225	0.23000				3			0
520.53	Chromium, ICP-MS, Microwave (mg / kg (ppm))	2055	15.778	13.048				3			1
526.31	Lead, AAS, Dry ash (mg / kg (ppm))	0905	< 3					0			5
526.41	Lead, ICP, Dry ash (mg / kg (ppm))	2152	0.25000	0.02000				2			0
526.41	Lead, ICP, Dry ash (mg / kg (ppm))	0171	0.35200	0.30400				2			0
526.43	Lead, ICP, Microwave (mg / kg (ppm))	0218	< 5					0			5
526.52	Lead, ICP-MS, Open vessel (mg / kg (ppm))	0910	0.29500	0.05000				3			0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
526.52	Lead, ICP-MS, Open vessel (mg / kg (ppm))	0186	0.31100	0.03000				3			0
526.52	Lead, ICP-MS, Open vessel (mg / kg (ppm))	2146	0.50000	0.06000				3			0
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	0218	0.25500	0.05000	0.30814	0.03748	0.03630	7	-1.42	9%	0
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	0098	0.27700	0.00800	0.30814	0.03748	0.03630	7	-0.83	5%	0
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	0553	0.30000	0.01000	0.30814	0.03748	0.03630	7	-0.22	1%	0
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	0227	0.31150	0.03900	0.30814	0.03748	0.03630	7	0.09	1%	0
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	2012	0.33250	0.05100	0.30814	0.03748	0.03630	7	0.65	4%	0
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	0918	0.34045	0.08110	0.30814	0.03748	0.03630	7	0.86	5%	0
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	0032	0.34050	0.01500	0.30814	0.03748	0.03630	7	0.86	5%	0
529.99	Mercury, Miscellaneous (µg / kg (ppb))	2012	5.0370	0.81800				1			0
539.42	Nickel, ICP, Open vessel (mg / kg (ppm))	0186	7.8500	0.46000				1			0
539.43	Nickel, ICP, Microwave (mg / kg (ppm))	0218	16.000	0.00000				1			0
539.52	Nickel, ICP-MS, Open vessel (mg / kg (ppm))	0186	6.0550	0.53000				1			0
539.53	Nickel, ICP-MS, Microwave (mg / kg (ppm))	0918	8.6899	0.74770				2			0
539.53	Nickel, ICP-MS, Microwave (mg / kg (ppm))	0218	16.000	0.00000				2			0
702.00	Butyric Acid (4:0), Miscellaneous GC (%)	0619	0.00000	0.00000				0			4
704.00	Caproic Acid (6:0) , Miscellaneous GC (%)	0619	0.00100	0.00000				1			0
706.01	Caprylic acid (8:0), Direct Methylation by Alkali Hydrolysis	0619	0.00000	0.00000				0			4
708.01	Capric acid (10:0), Direct Methylation by Alkali Hydrolysis	0619	0.00000	0.00000				0			4
710.01	Lauric Acid (12:0), Direct Methylation by Alkali Hydrolysis	0619	0.00000	0.00000				0			4
710.99	Lauric Acid (12:0), Miscellaneous (% (w/w))	0226	0.00170	0.00000				2			0
710.99	Lauric Acid (12:0), Miscellaneous (% (w/w))	0676	0.00300	0.00000				2			0
710.99	Lauric Acid (12:0), Miscellaneous (% (w/w))	0164	< 0.02					2			5
714.01	Myristic Acid (14:0) , Direct Methylation by Alkali Hydrolysi	0619	0.03400	0.00200				1			0
714.99	Myristic Acid (14:0) , Miscellaneous (% (w/w))	0226	0.00960	0.00020				2			0
714.99	Myristic Acid (14:0) , Miscellaneous (% (w/w))	0164	0.02000	0.00000				2			0
716.01	Palmitic Acid (16:0), Direct Methylation by Alkali Hydrolysi:	0619	0.53650	0.06500				1			0
716.99	Palmitic Acid (16:0), Miscellaneous (% (w/w))	0226	0.46045	0.01470				2			0
716.99	Palmitic Acid (16:0), Miscellaneous (% (w/w))	0164	0.55500	0.01000				2			0
718.01	Palmitoleic Acid (9c-16:1), Direct Methylation by Alkali Hyc	0619	0.03200	0.00200				1			0
718.99	Palmitoleic Acid (9c-16:1), Miscellaneous (% (w/w))	0226	0.01695	0.00030				3			0
718.99	Palmitoleic Acid (9c-16:1), Miscellaneous (% (w/w))	0676	0.01750	0.00100				3			0
718.99	Palmitoleic Acid (9c-16:1), Miscellaneous (% (w/w))	0164	0.03000	0.00000				3			0
722.01	Stearic Acid (18:0), Direct Methylation by Alkali Hydrolysis	0619	0.09800	0.00600				1			0
722.99	Stearic Acid (18:0), Miscellaneous (% (w/w))	0226	0.10975	0.00410				1			0
724.01	Oleic Acid (9c-18:1), Direct Methylation by Alkali Hydrolysi	0619	0.65100	0.06000				1			0
724.99	Oleic Acid (9c-18:1), Miscellaneous (% (w/w))	0226	0.59480	0.01660				2			0
724.99	Oleic Acid (9c-18:1), Miscellaneous (% (w/w))	0164	0.62500	0.01000				2			0
726.01	Linoleic Acid (9c,12c-18:2), Direct Methylation by Alkali Hy	0619	1.1950	0.13000				1			0
726.02	Linoleic Acid (9c,12c-18:2), Direct Methylation by Acid-Alk	0148	0.81200	0.02200				1			0
726.99	Linoleic Acid (9c,12c-18:2), Miscellaneous (% (w/w))	0164	0.86500	0.03000				3			0
726.99	Linoleic Acid (9c,12c-18:2), Miscellaneous (% (w/w))	0226	0.99805	0.02870				3			0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
726.99	Linoleic Acid (9c,12c-18:2), Miscellaneous (% (w/w))	0676	1.0615	0.00500				3		0	
728.01	alpha-Linolenic Acid (9c,12c,15c-18:3), Direct Methylation	0619	0.08650	0.00300				1		0	
728.99	alpha-Linolenic Acid (9c,12c,15c-18:3), Miscellaneous (% (w/w))	0164	0.08000	0.00000				3		0	
728.99	alpha-Linolenic Acid (9c,12c,15c-18:3), Miscellaneous (% (w/w))	0226	0.09545	0.00290				3		0	
728.99	alpha-Linolenic Acid (9c,12c,15c-18:3), Miscellaneous (% (w/w))	0676	0.10950	0.00300				3		0	
728.99	alpha-Linolenic Acid (9c,12c,15c-18:3), Miscellaneous (% (w/w))	0171	3.2500	0.10000				3		2	
730.01	Arachidic Acid (20:0), Direct Methylation by Alkali Hydrolysis	0619	0.00000	0.00000				0		4	
730.99	Arachidic Acid (20:0), Miscellaneous (% (w/w))	0226	0.01065	0.00130				1		0	
732.01	Gondoic Acid (11c-20:1), Direct Methylation by Alkali Hydrolysis	0619	0.02650	0.00100				1		0	
732.99	Gondoic Acid (11c-20:1), Miscellaneous (% (w/w))	0226	0.00885	0.00030				1		0	
736.01	Arachidonic Acid (5c,8c,11c,14c-20:4), Direct Methylation	0619	0.00000	0.00000				0		4	
736.99	Arachidonic Acid (5c,8c,11c,14c-20:4), Miscellaneous (% (w/w))	0676	0.00300	0.00000				1		0	
738.01	Mead Acid (11c,14c,17c-20:3), Direct Methylation by Alkali Hydrolysis	0619	0.00000	0.00000				0		4	
740.01	Eicosapentaenoic Acid EPA (5c,8c,11c,14c,17c-20:5), Direct Methylation	0619	0.00000	0.00000				0		4	
740.99	Eicosapentaenoic Acid EPA (5c,8c,11c,14c,17c-20:5), Miscellaneous (% (w/w))	0226	0.00000	0.00000				0		4	
742.99	Behenic Acid (22:0), Miscellaneous (% (w/w))	0226	0.00740	0.00060				1		0	
742.99	Behenic Acid (22:0), Miscellaneous (% (w/w))	0164	< 0.02					1		5	
744.01	Erucic Acid (13c-22:1), Direct Methylation by Alkali Hydrolysis	0619	0.00000	0.00000				0		4	
744.99	Erucic Acid (13c-22:1), Miscellaneous (% (w/w))	0226	0.00000	0.00000				0		4	
746.01	Docosapentaenoic Acid n-3 DPA (7c,10c,13c,16c,19c-22:5), Direct Methylation	0619	0.00000	0.00000				0		4	
746.99	Docosapentaenoic Acid n-3 DPA (7c,10c,13c,16c,19c-22:5), Miscellaneous (% (w/w))	0226	0.00000	0.00000				0		4	
748.99	Lignoceric Acid (24:0), Miscellaneous (% (w/w))	0226	0.01225	0.00250				1		0	
750.01	Docosahexaenoic Acid DHA (4c,7c,10c,13c,16c,19c-22:6), Direct Methylation	0619	0.00000	0.00000				0		4	
750.99	Docosahexaenoic Acid DHA (4c,7c,10c,13c,16c,19c-22:6), Miscellaneous (% (w/w))	0226	0.00000	0.00000				0		4	
752.01	Nervonic Acid (24:1) isomers, Direct Methylation by Alkali Hydrolysis	0619	0.00000	0.00000				0		4	
752.99	Nervonic Acid (24:1) isomers, Miscellaneous (% (w/w))	0226	0.00000	0.00000				0		4	
754.99	Total n-3 Polyunsaturated (Omega-3) Fatty Acids, Miscellaneous (% (w/w))	0164	0.09000	0.00000				3		0	
754.99	Total n-3 Polyunsaturated (Omega-3) Fatty Acids, Miscellaneous (% (w/w))	0676	0.11000	0.00000				3		0	
754.99	Total n-3 Polyunsaturated (Omega-3) Fatty Acids, Miscellaneous (% (w/w))	0171	3.2500	0.10000				3		0	
756.99	Total n-6 Polyunsaturated (Omega-6) Fatty Acids, Miscellaneous (% (w/w))	0164	0.87000	0.04000				3		0	
756.99	Total n-6 Polyunsaturated (Omega-6) Fatty Acids, Miscellaneous (% (w/w))	0676	1.0700	0.00000				3		0	
756.99	Total n-6 Polyunsaturated (Omega-6) Fatty Acids, Miscellaneous (% (w/w))	0171	36.900	1.8000				3		0	
758.99	Total Saturated Fatty Acids, Miscellaneous (% (w/w))	0164	0.78000	0.02000				2		0	
758.99	Total Saturated Fatty Acids, Miscellaneous (% (w/w))	0171	27.000	1.8000				2		0	
762.99	Total Monounsaturated Fatty Acids, Miscellaneous (% (w/w))	0164	0.71000	0.02000				2		0	
762.99	Total Monounsaturated Fatty Acids, Miscellaneous (% (w/w))	0171	29.050	0.30000				2		0	
766.99	Total Polyunsaturated Fatty Acids, Miscellaneous (% (w/w))	0164	0.97000	0.04000				2		0	
766.99	Total Polyunsaturated Fatty Acids, Miscellaneous (% (w/w))	0171	40.150	1.9000				2		0	
772.99	Total Fatty Acids, Miscellaneous (% (w/w))	0226	2.3798	0.07300				2		0	
772.99	Total Fatty Acids, Miscellaneous (% (w/w))	0164	2.4900	0.04000				2		0	

Notes: Interpreting Z Scores: Red indicates a normally distributed Z value >3 or <-3 (requires action), Orange = Z between 2 and 3 or -2 and -3 (warning) and Green = Z < 2 and >-2 (OK at 95%). Flags indicate data usage: 0 = Used, 1 = Rejected for duplicates too far apart, 2 = Rejected as outlier, 5 = A reporting limit and 4 = zeros submitted as

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			

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.