



AAFCO
Proficiency Testing Program



Bone Meal

Pet Food Scheme

Labs Reporting: 55

Test Material Code # 201844

Analyte Proficiency Testing Report

Issue Date : 12/31/2018

Method Group	Analyte Group (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Your Method	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Tests			
001	Loss on Drying (%)	0630	4.645	0.0700	5.242	0.2784	0.1358	27	-2.15	001.99	0
001	Loss on Drying (%)	0019	4.750	0.5000	5.242	0.2784	0.1358	27	-1.77	001.07	0
001	Loss on Drying (%)	0889	4.895	0.0300	5.242	0.2784	0.1358	27	-1.25	001.99	0
001	Loss on Drying (%)	0845	4.905	0.1500	5.242	0.2784	0.1358	27	-1.21	001.07	0
001	Loss on Drying (%)	0876	4.922	0.3461	5.242	0.2784	0.1358	27	-1.15	001.07	0
001	Loss on Drying (%)	0015	4.980	0.2000	5.242	0.2784	0.1358	27	-0.94	001.07	0
001	Loss on Drying (%)	0510	5.050	0.1000	5.242	0.2784	0.1358	27	-0.69	001.99	0
001	Loss on Drying (%)	0504	5.130	0.0000	5.242	0.2784	0.1358	27	-0.40	001.00	0
001	Loss on Drying (%)	2124	5.130	0.0200	5.242	0.2784	0.1358	27	-0.40	001.03	0
001	Loss on Drying (%)	0676	5.155	0.1900	5.242	0.2784	0.1358	27	-0.31	001.99	0
001	Loss on Drying (%)	2136	5.165	0.0500	5.242	0.2784	0.1358	27	-0.28	001.99	0
001	Loss on Drying (%)	2115	5.229	0.0060	5.242	0.2784	0.1358	27	-0.05	001.99	0
001	Loss on Drying (%)	0407	5.247	0.0158	5.242	0.2784	0.1358	27	0.02	001.07	0
001	Loss on Drying (%)	0309	5.267	0.0510	5.242	0.2784	0.1358	27	0.09	001.00	0
001	Loss on Drying (%)	0619	5.290	0.0400	5.242	0.2784	0.1358	27	0.17	001.03	0
001	Loss on Drying (%)	2187	5.320	0.1200	5.242	0.2784	0.1358	27	0.28	001.07	0
001	Loss on Drying (%)	0065	5.348	0.0450	5.242	0.2784	0.1358	27	0.38	001.07	0
001	Loss on Drying (%)	0656	5.370	0.1600	5.242	0.2784	0.1358	27	0.46	001.99	0
001	Loss on Drying (%)	2156	5.390	0.3400	5.242	0.2784	0.1358	27	0.53	001.07	0
001	Loss on Drying (%)	0098	5.400	0.2000	5.242	0.2784	0.1358	27	0.57	001.07	0
001	Loss on Drying (%)	2220	5.410	0.0800	5.242	0.2784	0.1358	27	0.60	001.07	0
001	Loss on Drying (%)	0171	5.415	0.0100	5.242	0.2784	0.1358	27	0.62	001.07	0
001	Loss on Drying (%)	0027	5.442	0.0040	5.242	0.2784	0.1358	27	0.72	001.00	0
001	Loss on Drying (%)	2219	5.490	0.1400	5.242	0.2784	0.1358	27	0.89	001.07	0
001	Loss on Drying (%)	2094	5.625	0.2100	5.242	0.2784	0.1358	27	1.37	001.08	0
001	Loss on Drying (%)	0873	6.240	0.0600	5.242	0.2784	0.1358	27	3.58	001.07	0
001	Loss on Drying (%)	0074	6.735	0.5300	5.242	0.2784	0.1358	27	5.36	001.07	0
002	Protein, Crude (%)	0873	52.26	0.1700	54.51	0.8796	0.6252	59	-2.56	002.06	0
002	Protein, Crude (%)	0889	53.12	0.0200	54.51	0.8796	0.6252	59	-1.58	002.01	0
002	Protein, Crude (%)	0656	53.25	0.2400	54.51	0.8796	0.6252	59	-1.43	002.01	0
002	Protein, Crude (%)	0510	53.30	0.2000	54.51	0.8796	0.6252	59	-1.38	002.06	0
002	Protein, Crude (%)	0650	53.35	0.6400	54.51	0.8796	0.6252	59	-1.32	002.06	0
002	Protein, Crude (%)	0554	53.36	0.8500	54.51	0.8796	0.6252	59	-1.31	002.06	0
002	Protein, Crude (%)	2187	53.40	0.4200	54.51	0.8796	0.6252	59	-1.26	002.06	0
002	Protein, Crude (%)	0845	53.45	0.1200	54.51	0.8796	0.6252	59	-1.20	002.00	0

Method Group	Analyte Group (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Your Method	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Tests			
002	Protein, Crude (%)	2162	53.61	1.090	54.51	0.8796	0.6252	59	-1.03	002.06	0
002	Protein, Crude (%)	0504	53.62	0.5600	54.51	0.8796	0.6252	59	-1.01	002.06	0
002	Protein, Crude (%)	0047	53.69	2.970	54.51	0.8796	0.6252	59	-0.94	002.06	0
002	Protein, Crude (%)	0619	53.80	0.6000	54.51	0.8796	0.6252	59	-0.81	002.06	0
002	Protein, Crude (%)	2169	53.80	0.4000	54.51	0.8796	0.6252	59	-0.81	002.06	0
002	Protein, Crude (%)	0870	53.85	0.9760	54.51	0.8796	0.6252	59	-0.76	002.01	0
002	Protein, Crude (%)	0027	53.85	0.2960	54.51	0.8796	0.6252	59	-0.75	002.06	0
002	Protein, Crude (%)	0098	53.89	0.5500	54.51	0.8796	0.6252	59	-0.71	002.08	0
002	Protein, Crude (%)	0171	53.92	0.7300	54.51	0.8796	0.6252	59	-0.68	002.06	0
002	Protein, Crude (%)	0015	54.03	0.3000	54.51	0.8796	0.6252	59	-0.55	002.06	0
002	Protein, Crude (%)	2220	54.05	1.260	54.51	0.8796	0.6252	59	-0.52	002.06	0
002	Protein, Crude (%)	0870	54.09	0.2244	54.51	0.8796	0.6252	59	-0.47	002.06	0
002	Protein, Crude (%)	2219	54.13	0.4400	54.51	0.8796	0.6252	59	-0.43	002.06	0
002	Protein, Crude (%)	2136	54.25	0.3000	54.51	0.8796	0.6252	59	-0.30	002.08	0
002	Protein, Crude (%)	2207	54.35	0.7000	54.51	0.8796	0.6252	59	-0.18	002.06	0
002	Protein, Crude (%)	0202	54.42	0.0820	54.51	0.8796	0.6252	59	-0.10	002.06	0
002	Protein, Crude (%)	0098	54.45	2.700	54.51	0.8796	0.6252	59	-0.07	002.06	0
002	Protein, Crude (%)	0309	54.50	1.650	54.51	0.8796	0.6252	59	-0.02	002.06	0
002	Protein, Crude (%)	0619	54.50	0.6000	54.51	0.8796	0.6252	59	-0.01	002.01	0
002	Protein, Crude (%)	0958	54.50	0.4600	54.51	0.8796	0.6252	59	-0.01	002.06	0
002	Protein, Crude (%)	0164	54.51	0.2500	54.51	0.8796	0.6252	59	-0.01	002.01	0
002	Protein, Crude (%)	0511	54.51	1.240	54.51	0.8796	0.6252	59	0.00	002.06	0
002	Protein, Crude (%)	0074	54.52	0.3000	54.51	0.8796	0.6252	59	0.01	002.06	0
002	Protein, Crude (%)	0630	54.57	1.160	54.51	0.8796	0.6252	59	0.07	002.06	0
002	Protein, Crude (%)	0957	54.58	0.0500	54.51	0.8796	0.6252	59	0.07	002.06	0
002	Protein, Crude (%)	2122	54.63	0.0000	54.51	0.8796	0.6252	59	0.14	002.04	0
002	Protein, Crude (%)	2050	54.70	0.0100	54.51	0.8796	0.6252	59	0.21	002.06	0
002	Protein, Crude (%)	2232	54.70	0.4000	54.51	0.8796	0.6252	59	0.22	002.06	0
002	Protein, Crude (%)	2033	54.81	0.7500	54.51	0.8796	0.6252	59	0.34	002.06	0
002	Protein, Crude (%)	0880	54.82	1.500	54.51	0.8796	0.6252	59	0.35	002.06	0
002	Protein, Crude (%)	0964	54.83	0.4510	54.51	0.8796	0.6252	59	0.36	002.06	0
002	Protein, Crude (%)	0889	54.85	0.4300	54.51	0.8796	0.6252	59	0.38	002.11	0
002	Protein, Crude (%)	0065	54.88	0.5182	54.51	0.8796	0.6252	59	0.42	002.06	0
002	Protein, Crude (%)	0051	54.95	0.1000	54.51	0.8796	0.6252	59	0.50	002.06	0
002	Protein, Crude (%)	2115	54.98	0.1710	54.51	0.8796	0.6252	59	0.53	002.05	0
002	Protein, Crude (%)	0504	54.98	1.440	54.51	0.8796	0.6252	59	0.53	002.04	0
002	Protein, Crude (%)	2089	55.03	1.110	54.51	0.8796	0.6252	59	0.59	002.06	0
002	Protein, Crude (%)	0001	55.04	0.0700	54.51	0.8796	0.6252	59	0.60	002.06	0
002	Protein, Crude (%)	0876	55.05	0.4741	54.51	0.8796	0.6252	59	0.61	002.06	0
002	Protein, Crude (%)	0407	55.07	0.0970	54.51	0.8796	0.6252	59	0.64	002.06	0
002	Protein, Crude (%)	2094	55.29	0.1900	54.51	0.8796	0.6252	59	0.88	002.06	0
002	Protein, Crude (%)	0208	55.35	1.700	54.51	0.8796	0.6252	59	0.96	002.06	0

Method Group	Analyte Group (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Your	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Tests	Z Score	Method	
002	Protein, Crude (%)	0164	55.50	0.3800	54.51	0.8796	0.6252	59	1.13	002.06	0
002	Protein, Crude (%)	0019	55.65	0.1700	54.51	0.8796	0.6252	59	1.29	002.06	0
002	Protein, Crude (%)	0028	55.68	1.600	54.51	0.8796	0.6252	59	1.33	002.06	0
002	Protein, Crude (%)	2156	55.73	0.3000	54.51	0.8796	0.6252	59	1.39	002.06	0
002	Protein, Crude (%)	2124	56.18	0.3600	54.51	0.8796	0.6252	59	1.90	002.06	0
002	Protein, Crude (%)	0676	56.38	1.630	54.51	0.8796	0.6252	59	2.12	002.06	0
002	Protein, Crude (%)	0042	60.47	0.3000	54.51	0.8796	0.6252	59	6.78	002.02	0
002	Protein, Crude (%)	2232	60.67	0.0100	54.51	0.8796	0.6252	59	7.00	002.11	0
002	Protein, Crude (%)	0042	60.80	0.1800	54.51	0.8796	0.6252	59	7.15	002.06	0
002	Protein, Crude (%)	0553	54.74	4.205	54.51	0.8796	0.6252	59	0.26	002.06	1
003	Fat, Crude (%)	0880	6.050	1.700	11.95	0.3748	0.3587	23	-15.73	003.99	0
003	Fat, Crude (%)	0889	9.660	0.2200	11.95	0.3748	0.3587	23	-6.10	003.11	0
003	Fat, Crude (%)	0553	11.45	0.3500	11.95	0.3748	0.3587	23	-1.34	003.10	0
003	Fat, Crude (%)	2089	11.62	0.4300	11.95	0.3748	0.3587	23	-0.88	003.10	0
003	Fat, Crude (%)	0870	11.62	0.0502	11.95	0.3748	0.3587	23	-0.88	003.09	0
003	Fat, Crude (%)	0051	11.65	0.7000	11.95	0.3748	0.3587	23	-0.79	003.10	0
003	Fat, Crude (%)	0098	11.71	0.8400	11.95	0.3748	0.3587	23	-0.63	003.13	0
003	Fat, Crude (%)	0870	11.76	0.4081	11.95	0.3748	0.3587	23	-0.51	003.10	0
003	Fat, Crude (%)	0098	11.89	0.1100	11.95	0.3748	0.3587	23	-0.16	003.10	0
003	Fat, Crude (%)	0504	11.93	0.4100	11.95	0.3748	0.3587	23	-0.05	003.01	0
003	Fat, Crude (%)	0511	12.00	0.6800	11.95	0.3748	0.3587	23	0.15	003.06	0
003	Fat, Crude (%)	0407	12.03	0.0494	11.95	0.3748	0.3587	23	0.22	003.14	0
003	Fat, Crude (%)	0171	12.03	0.1600	11.95	0.3748	0.3587	23	0.23	003.12	0
003	Fat, Crude (%)	0619	12.05	0.3000	11.95	0.3748	0.3587	23	0.28	003.14	0
003	Fat, Crude (%)	0870	12.07	0.0443	11.95	0.3748	0.3587	23	0.32	003.13	0
003	Fat, Crude (%)	0202	12.07	0.0140	11.95	0.3748	0.3587	23	0.34	003.14	0
003	Fat, Crude (%)	2232	12.08	0.0500	11.95	0.3748	0.3587	23	0.35	003.10	0
003	Fat, Crude (%)	0309	12.14	0.1136	11.95	0.3748	0.3587	23	0.53	003.00	0
003	Fat, Crude (%)	0098	12.21	0.3900	11.95	0.3748	0.3587	23	0.69	003.09	0
003	Fat, Crude (%)	2162	12.37	0.7900	11.95	0.3748	0.3587	23	1.12	003.10	0
003	Fat, Crude (%)	0889	12.41	0.0400	11.95	0.3748	0.3587	23	1.24	003.10	0
003	Fat, Crude (%)	0676	12.43	0.2500	11.95	0.3748	0.3587	23	1.28	003.10	0
003	Fat, Crude (%)	2232	14.30	0.1500	11.95	0.3748	0.3587	23	6.27	003.11	0
003	Fat, Crude (%)	0630	9.655	2.530	11.95	0.3748	0.3587	23	-6.11	003.09	1
004	Fiber, Crude (%)	2033	0.4000	0.2000	1.697	0.7202	0.1898	22	-1.80	004.99	0
004	Fiber, Crude (%)	0510	0.7000	0.0000	1.697	0.7202	0.1898	22	-1.38	004.07	0
004	Fiber, Crude (%)	0019	1.065	0.0100	1.697	0.7202	0.1898	22	-0.88	004.07	0
004	Fiber, Crude (%)	0164	1.100	0.0000	1.697	0.7202	0.1898	22	-0.83	004.00	0
004	Fiber, Crude (%)	0511	1.100	0.0000	1.697	0.7202	0.1898	22	-0.83	004.00	0
004	Fiber, Crude (%)	0309	1.175	0.0401	1.697	0.7202	0.1898	22	-0.72	004.00	0
004	Fiber, Crude (%)	0619	1.190	0.2400	1.697	0.7202	0.1898	22	-0.70	004.07	0
004	Fiber, Crude (%)	0027	1.233	0.0300	1.697	0.7202	0.1898	22	-0.64	004.06	0

Method Group	Analyte Group (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Your	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Tests	Z Score	Method	
004	Fiber, Crude (%)	0407	1.245	0.1591	1.697	0.7202	0.1898	22	-0.63	004.07	0
004	Fiber, Crude (%)	0208	1.610	0.5200	1.697	0.7202	0.1898	22	-0.12	004.00	0
004	Fiber, Crude (%)	2207	1.650	0.1000	1.697	0.7202	0.1898	22	-0.07	004.07	0
004	Fiber, Crude (%)	0870	1.860	0.0451	1.697	0.7202	0.1898	22	0.23	004.07	0
004	Fiber, Crude (%)	2094	1.905	0.5300	1.697	0.7202	0.1898	22	0.29	004.07	0
004	Fiber, Crude (%)	0015	1.935	0.0700	1.697	0.7202	0.1898	22	0.33	004.07	0
004	Fiber, Crude (%)	0171	2.075	0.0100	1.697	0.7202	0.1898	22	0.52	004.00	0
004	Fiber, Crude (%)	2124	2.180	0.1000	1.697	0.7202	0.1898	22	0.67	004.07	0
004	Fiber, Crude (%)	2136	2.210	0.8000	1.697	0.7202	0.1898	22	0.71	004.07	0
004	Fiber, Crude (%)	0074	2.250	0.7400	1.697	0.7202	0.1898	22	0.77	004.07	0
004	Fiber, Crude (%)	0504	2.275	0.0100	1.697	0.7202	0.1898	22	0.80	004.00	0
004	Fiber, Crude (%)	0876	2.403	0.2187	1.697	0.7202	0.1898	22	0.98	004.07	0
004	Fiber, Crude (%)	0553	3.320	0.1800	1.697	0.7202	0.1898	22	2.25	004.07	0
004	Fiber, Crude (%)	0202	3.372	0.1720	1.697	0.7202	0.1898	22	2.33	004.07	0
004	Fiber, Crude (%)	0042	2.975	1.130	1.697	0.7202	0.1898	22	1.77	004.07	1
005	Ash (%)	0047	22.84	0.2600	23.67	0.5228	0.3615	48	-1.58	005.00	0
005	Ash (%)	0876	22.90	0.0335	23.67	0.5228	0.3615	48	-1.46	005.00	0
005	Ash (%)	0051	23.00	1.400	23.67	0.5228	0.3615	48	-1.27	005.00	0
005	Ash (%)	0553	23.00	0.1000	23.67	0.5228	0.3615	48	-1.27	005.00	0
005	Ash (%)	2219	23.00	0.0600	23.67	0.5228	0.3615	48	-1.27	005.00	0
005	Ash (%)	2232	23.08	1.140	23.67	0.5228	0.3615	48	-1.12	005.00	0
005	Ash (%)	0957	23.13	0.0200	23.67	0.5228	0.3615	48	-1.02	005.00	0
005	Ash (%)	0208	23.20	1.200	23.67	0.5228	0.3615	48	-0.89	005.00	0
005	Ash (%)	2033	23.20	0.2000	23.67	0.5228	0.3615	48	-0.89	005.00	0
005	Ash (%)	2124	23.27	0.0700	23.67	0.5228	0.3615	48	-0.77	005.00	0
005	Ash (%)	0964	23.27	0.1590	23.67	0.5228	0.3615	48	-0.76	005.00	0
005	Ash (%)	2220	23.30	0.2500	23.67	0.5228	0.3615	48	-0.71	005.00	0
005	Ash (%)	0870	23.33	0.1707	23.67	0.5228	0.3615	48	-0.65	005.00	0
005	Ash (%)	2136	23.35	0.1000	23.67	0.5228	0.3615	48	-0.60	005.05	0
005	Ash (%)	0656	23.36	0.1700	23.67	0.5228	0.3615	48	-0.59	005.00	0
005	Ash (%)	0958	23.37	0.1100	23.67	0.5228	0.3615	48	-0.58	005.00	0
005	Ash (%)	2094	23.38	0.0400	23.67	0.5228	0.3615	48	-0.55	005.99	0
005	Ash (%)	0650	23.40	0.1900	23.67	0.5228	0.3615	48	-0.52	005.00	0
005	Ash (%)	0042	23.48	0.7100	23.67	0.5228	0.3615	48	-0.37	005.00	0
005	Ash (%)	0880	23.49	0.6100	23.67	0.5228	0.3615	48	-0.35	005.00	0
005	Ash (%)	0630	23.50	0.2600	23.67	0.5228	0.3615	48	-0.32	005.00	0
005	Ash (%)	0407	23.61	0.1486	23.67	0.5228	0.3615	48	-0.12	005.00	0
005	Ash (%)	0015	23.63	0.0900	23.67	0.5228	0.3615	48	-0.08	005.00	0
005	Ash (%)	2115	23.63	0.4600	23.67	0.5228	0.3615	48	-0.07	005.00	0
005	Ash (%)	2050	23.71	0.4000	23.67	0.5228	0.3615	48	0.08	005.05	0
005	Ash (%)	0065	23.73	0.1650	23.67	0.5228	0.3615	48	0.13	005.05	0
005	Ash (%)	0504	23.74	0.1300	23.67	0.5228	0.3615	48	0.13	005.00	0

Method Group	Analyte Group (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Your Method	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Tests			
005	Ash (%)	2156	23.77	0.5900	23.67	0.5228	0.3615	48	0.19	005.00	0
005	Ash (%)	2162	23.80	0.9000	23.67	0.5228	0.3615	48	0.26	005.00	0
005	Ash (%)	0845	23.81	0.0700	23.67	0.5228	0.3615	48	0.27	005.05	0
005	Ash (%)	0027	23.84	0.5460	23.67	0.5228	0.3615	48	0.33	005.00	0
005	Ash (%)	0171	23.88	0.3800	23.67	0.5228	0.3615	48	0.41	005.00	0
005	Ash (%)	0202	23.89	0.2860	23.67	0.5228	0.3615	48	0.43	005.99	0
005	Ash (%)	2187	23.90	0.2000	23.67	0.5228	0.3615	48	0.45	005.03	0
005	Ash (%)	0098	23.96	0.6900	23.67	0.5228	0.3615	48	0.55	005.00	0
005	Ash (%)	2207	23.96	0.1900	23.67	0.5228	0.3615	48	0.55	005.00	0
005	Ash (%)	0001	23.96	0.1646	23.67	0.5228	0.3615	48	0.55	005.00	0
005	Ash (%)	0511	23.99	0.6600	23.67	0.5228	0.3615	48	0.62	005.00	0
005	Ash (%)	0889	24.07	1.080	23.67	0.5228	0.3615	48	0.77	005.05	0
005	Ash (%)	0309	24.10	0.1500	23.67	0.5228	0.3615	48	0.82	005.00	0
005	Ash (%)	0164	24.18	0.0200	23.67	0.5228	0.3615	48	0.98	005.00	0
005	Ash (%)	0510	24.35	0.2100	23.67	0.5228	0.3615	48	1.30	005.00	0
005	Ash (%)	0619	24.40	0.2000	23.67	0.5228	0.3615	48	1.40	005.05	0
005	Ash (%)	2089	24.47	0.7300	23.67	0.5228	0.3615	48	1.53	005.00	0
005	Ash (%)	0676	24.66	1.080	23.67	0.5228	0.3615	48	1.90	005.99	0
005	Ash (%)	2169	25.42	0.3800	23.67	0.5228	0.3615	48	3.36	005.99	0
005	Ash (%)	2232	26.97	0.0400	23.67	0.5228	0.3615	48	6.32	005.11	0
005	Ash (%)	0873	28.15	0.1400	23.67	0.5228	0.3615	48	8.58	005.00	0
005	Ash (%)	0019	23.91	2.210	23.67	0.5228	0.3615	48	0.46	005.00	1
005	Ash (%)	0889	12.16	0.0200	23.67	0.5228	0.3615	48	-22.01	005.11	2
006	Total Sugars (%)	0407	0.2350	0.3300				1		006.00	0
008	Fiber, Acid Detergent (%)	0889	1.655	0.0900	3.762	1.491	0.3201	8	-1.41	008.99	0
008	Fiber, Acid Detergent (%)	0309	2.404	0.2069	3.762	1.491	0.3201	8	-0.91	008.02	0
008	Fiber, Acid Detergent (%)	0889	3.185	0.0300	3.762	1.491	0.3201	8	-0.39	008.08	0
008	Fiber, Acid Detergent (%)	0504	3.795	0.3500	3.762	1.491	0.3201	8	0.02	008.02	0
008	Fiber, Acid Detergent (%)	0870	3.953	0.2213	3.762	1.491	0.3201	8	0.13	008.08	0
008	Fiber, Acid Detergent (%)	0042	4.665	0.1300	3.762	1.491	0.3201	8	0.61	008.08	0
008	Fiber, Acid Detergent (%)	0407	4.784	0.7025	3.762	1.491	0.3201	8	0.69	008.08	0
008	Fiber, Acid Detergent (%)	0015	5.655	0.8300	3.762	1.491	0.3201	8	1.27	008.08	0
009	Fiber, Neutral Detergent (%)	0889	10.63	0.3000	23.45	6.228	1.734	7	-2.06	009.99	0
009	Fiber, Neutral Detergent (%)	0309	19.22	0.1995	23.45	6.228	1.734	7	-0.68	009.07	0
009	Fiber, Neutral Detergent (%)	0407	21.00	0.6285	23.45	6.228	1.734	7	-0.39	009.09	0
009	Fiber, Neutral Detergent (%)	0870	25.67	1.350	23.45	6.228	1.734	7	0.36	009.09	0
009	Fiber, Neutral Detergent (%)	0889	27.23	4.610	23.45	6.228	1.734	7	0.61	009.09	0
009	Fiber, Neutral Detergent (%)	0015	28.15	5.020	23.45	6.228	1.734	7	0.75	009.09	0
009	Fiber, Neutral Detergent (%)	0504	28.80	0.0300	23.45	6.228	1.734	7	0.86	009.04	0
010	Moisture (%)	2232	4.755	0.0700	5.504	0.3166	0.0911	7	-2.37	010.11	0
010	Moisture (%)	0964	5.340	0.0080	5.504	0.3166	0.0911	7	-0.52	010.99	0
010	Moisture (%)	0028	5.485	0.1100	5.504	0.3166	0.0911	7	-0.06	010.99	0

Method Group	Analyte Group (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Your	Flag
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010	Moisture (%)	2089	5.515	0.1700	5.504	0.3166	0.0911	7	0.03	010.99	0
010	Moisture (%)	2169	5.555	0.1300	5.504	0.3166	0.0911	7	0.16	010.99	0
010	Moisture (%)	2033	5.625	0.0300	5.504	0.3166	0.0911	7	0.38	010.99	0
010	Moisture (%)	2232	6.090	0.1200	5.504	0.3166	0.0911	7	1.85	010.99	0
010	Moisture (%)	0889	7.340	3.060	5.504	0.3166	0.0911	7	5.80	010.11	1
011	Loss on Drying (%)	0880	4.090	0.8600	5.873	0.1925	0.1496	20	-9.26	011.01	0
011	Loss on Drying (%)	0957	5.705	0.0500	5.873	0.1925	0.1496	20	-0.87	011.01	0
011	Loss on Drying (%)	0554	5.710	0.4000	5.873	0.1925	0.1496	20	-0.84	011.02	0
011	Loss on Drying (%)	0407	5.731	0.0327	5.873	0.1925	0.1496	20	-0.74	011.01	0
011	Loss on Drying (%)	2162	5.735	0.0100	5.873	0.1925	0.1496	20	-0.71	011.01	0
011	Loss on Drying (%)	0047	5.740	0.2200	5.873	0.1925	0.1496	20	-0.69	011.01	0
011	Loss on Drying (%)	0510	5.750	0.1000	5.873	0.1925	0.1496	20	-0.64	011.01	0
011	Loss on Drying (%)	2207	5.750	0.1000	5.873	0.1925	0.1496	20	-0.64	011.01	0
011	Loss on Drying (%)	0208	5.790	0.1800	5.873	0.1925	0.1496	20	-0.43	011.01	0
011	Loss on Drying (%)	0870	5.821	0.1641	5.873	0.1925	0.1496	20	-0.27	011.01	0
011	Loss on Drying (%)	0202	5.850	0.1250	5.873	0.1925	0.1496	20	-0.12	011.01	0
011	Loss on Drying (%)	0171	5.850	0.0200	5.873	0.1925	0.1496	20	-0.12	011.01	0
011	Loss on Drying (%)	0164	5.950	0.1800	5.873	0.1925	0.1496	20	0.40	011.01	0
011	Loss on Drying (%)	0511	5.950	0.0000	5.873	0.1925	0.1496	20	0.40	011.01	0
011	Loss on Drying (%)	0098	6.005	0.0500	5.873	0.1925	0.1496	20	0.69	011.01	0
011	Loss on Drying (%)	0051	6.035	0.0700	5.873	0.1925	0.1496	20	0.84	011.01	0
011	Loss on Drying (%)	0958	6.085	0.0700	5.873	0.1925	0.1496	20	1.10	011.01	0
011	Loss on Drying (%)	0309	6.110	0.2400	5.873	0.1925	0.1496	20	1.23	011.01	0
011	Loss on Drying (%)	2232	6.140	0.0600	5.873	0.1925	0.1496	20	1.39	011.01	0
011	Loss on Drying (%)	0650	6.320	0.0600	5.873	0.1925	0.1496	20	2.32	011.01	0
011	Loss on Drying (%)	0553	4.555	0.9100	5.873	0.1925	0.1496	20	-6.85	011.01	1
012	Starch (%)	0676	0.5750	0.0900	0.8364	0.2093	0.0581	4		012.99	0
012	Starch (%)	0407	0.7950	0.1100	0.8364	0.2093	0.0581	4		012.03	0
012	Starch (%)	0510	0.9000	0.0000	0.8364	0.2093	0.0581	4		012.04	0
012	Starch (%)	0870	1.076	0.0322	0.8364	0.2093	0.0581	4		012.01	0
012	Starch (%)	0889	5.740	0.1000	0.8364	0.2093	0.0581	4		012.11	2
012	Starch (%)	0889	0.0000	0.0000	0.8364	0.2093	0.0581	4		012.03	4
013	Fat, Acid Pretreat (%)	0042	9.530	0.7800	13.12	0.9054	0.3295	27	-3.96	013.13	0
013	Fat, Acid Pretreat (%)	2162	11.82	0.2600	13.12	0.9054	0.3295	27	-1.43	013.10	0
013	Fat, Acid Pretreat (%)	0554	11.91	0.1900	13.12	0.9054	0.3295	27	-1.34	013.10	0
013	Fat, Acid Pretreat (%)	2220	11.94	1.160	13.12	0.9054	0.3295	27	-1.30	013.00	0
013	Fat, Acid Pretreat (%)	0510	11.95	0.1000	13.12	0.9054	0.3295	27	-1.29	013.02	0
013	Fat, Acid Pretreat (%)	0873	12.41	0.3500	13.12	0.9054	0.3295	27	-0.79	013.02	0
013	Fat, Acid Pretreat (%)	0504	12.41	0.0800	13.12	0.9054	0.3295	27	-0.78	013.00	0
013	Fat, Acid Pretreat (%)	2187	12.42	0.0400	13.12	0.9054	0.3295	27	-0.77	013.00	0
013	Fat, Acid Pretreat (%)	0407	12.79	0.0588	13.12	0.9054	0.3295	27	-0.36	013.13	0
013	Fat, Acid Pretreat (%)	0845	12.87	0.1400	13.12	0.9054	0.3295	27	-0.27	013.10	0

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013	Fat, Acid Pretreat (%)	0015	12.95	0.7300	13.12	0.9054	0.3295	27	-0.19	013.02	0
013	Fat, Acid Pretreat (%)	2124	13.26	0.1200	13.12	0.9054	0.3295	27	0.16	013.10	0
013	Fat, Acid Pretreat (%)	2156	13.30	0.2900	13.12	0.9054	0.3295	27	0.20	013.00	0
013	Fat, Acid Pretreat (%)	0065	13.30	0.0300	13.12	0.9054	0.3295	27	0.20	013.02	0
013	Fat, Acid Pretreat (%)	2219	13.37	0.5100	13.12	0.9054	0.3295	27	0.27	013.00	0
013	Fat, Acid Pretreat (%)	0309	13.42	0.1945	13.12	0.9054	0.3295	27	0.34	013.00	0
013	Fat, Acid Pretreat (%)	0870	13.44	0.5891	13.12	0.9054	0.3295	27	0.35	013.02	0
013	Fat, Acid Pretreat (%)	0650	13.44	0.4400	13.12	0.9054	0.3295	27	0.36	013.02	0
013	Fat, Acid Pretreat (%)	0098	13.46	0.0200	13.12	0.9054	0.3295	27	0.38	013.02	0
013	Fat, Acid Pretreat (%)	0015	13.69	1.320	13.12	0.9054	0.3295	27	0.63	013.13	0
013	Fat, Acid Pretreat (%)	0676	13.77	0.1600	13.12	0.9054	0.3295	27	0.72	013.02	0
013	Fat, Acid Pretreat (%)	0958	13.78	0.0700	13.12	0.9054	0.3295	27	0.73	013.02	0
013	Fat, Acid Pretreat (%)	0171	13.87	0.0800	13.12	0.9054	0.3295	27	0.83	013.02	0
013	Fat, Acid Pretreat (%)	0957	14.11	0.2800	13.12	0.9054	0.3295	27	1.10	013.02	0
013	Fat, Acid Pretreat (%)	0553	14.17	0.2900	13.12	0.9054	0.3295	27	1.16	013.02	0
013	Fat, Acid Pretreat (%)	0202	14.20	0.3250	13.12	0.9054	0.3295	27	1.20	013.00	0
013	Fat, Acid Pretreat (%)	0164	14.37	0.2900	13.12	0.9054	0.3295	27	1.38	013.02	0
015	Aluminum (mg / kg (ppm))	0510	26.00	0.0000				2		015.43	0
015	Aluminum (mg / kg (ppm))	0171	462.2	8.100				2		015.41	0
017	Boron (mg / kg (ppm))	0510	2.200	0.0000				1		017.43	0
019	Calcium (%)	2124	7.535	0.2100	8.047	0.3360	0.3460	34	-1.52	019.43	0
019	Calcium (%)	2089	7.545	0.4300	8.047	0.3360	0.3460	34	-1.50	019.43	0
019	Calcium (%)	0098	7.660	0.2000	8.047	0.3360	0.3460	34	-1.15	019.43	0
019	Calcium (%)	0164	7.695	0.0700	8.047	0.3360	0.3460	34	-1.05	019.41	0
019	Calcium (%)	0171	7.715	0.6900	8.047	0.3360	0.3460	34	-0.99	019.41	0
019	Calcium (%)	0870	7.735	0.3770	8.047	0.3360	0.3460	34	-0.93	019.42	0
019	Calcium (%)	2219	7.745	0.0700	8.047	0.3360	0.3460	34	-0.90	019.44	0
019	Calcium (%)	0202	7.748	0.2280	8.047	0.3360	0.3460	34	-0.89	019.43	0
019	Calcium (%)	2220	7.755	0.3100	8.047	0.3360	0.3460	34	-0.87	019.44	0
019	Calcium (%)	2114	7.765	0.4180	8.047	0.3360	0.3460	34	-0.84	019.41	0
019	Calcium (%)	0098	7.780	0.0200	8.047	0.3360	0.3460	34	-0.80	019.41	0
019	Calcium (%)	0051	7.955	0.3500	8.047	0.3360	0.3460	34	-0.27	019.41	0
019	Calcium (%)	0019	7.960	0.5200	8.047	0.3360	0.3460	34	-0.26	019.41	0
019	Calcium (%)	2094	8.015	0.9300	8.047	0.3360	0.3460	34	-0.10	019.43	0
019	Calcium (%)	2156	8.025	0.1100	8.047	0.3360	0.3460	34	-0.07	019.44	0
019	Calcium (%)	0074	8.040	0.1200	8.047	0.3360	0.3460	34	-0.02	019.41	0
019	Calcium (%)	0873	8.055	0.3500	8.047	0.3360	0.3460	34	0.02	019.44	0
019	Calcium (%)	0619	8.085	0.6700	8.047	0.3360	0.3460	34	0.11	019.99	0
019	Calcium (%)	0964	8.098	0.2480	8.047	0.3360	0.3460	34	0.15	019.43	0
019	Calcium (%)	0510	8.110	0.0200	8.047	0.3360	0.3460	34	0.19	019.43	0
019	Calcium (%)	0208	8.117	0.6160	8.047	0.3360	0.3460	34	0.21	019.41	0
019	Calcium (%)	2207	8.150	0.2000	8.047	0.3360	0.3460	34	0.31	019.42	0

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019	Calcium (%)	0407	8.167	0.4155	8.047	0.3360	0.3460	34	0.36	019.41	0
019	Calcium (%)	2187	8.185	0.5700	8.047	0.3360	0.3460	34	0.41	019.43	0
019	Calcium (%)	2232	8.191	0.7500	8.047	0.3360	0.3460	34	0.43	019.44	0
019	Calcium (%)	2136	8.230	0.2600	8.047	0.3360	0.3460	34	0.54	019.43	0
019	Calcium (%)	0027	8.240	0.0810	8.047	0.3360	0.3460	34	0.57	019.43	0
019	Calcium (%)	0065	8.310	0.0000	8.047	0.3360	0.3460	34	0.78	019.44	0
019	Calcium (%)	0001	8.360	0.2790	8.047	0.3360	0.3460	34	0.93	019.31	0
019	Calcium (%)	0676	8.425	0.5700	8.047	0.3360	0.3460	34	1.12	019.99	0
019	Calcium (%)	2115	8.685	0.2130	8.047	0.3360	0.3460	34	1.90	019.00	0
019	Calcium (%)	2033	8.950	1.100	8.047	0.3360	0.3460	34	2.69	019.43	0
019	Calcium (%)	0511	9.200	0.0200	8.047	0.3360	0.3460	34	3.43	019.41	0
019	Calcium (%)	0047	9.745	0.3500	8.047	0.3360	0.3460	34	5.05	019.52	0
019	Calcium (%)	0889	3.915	0.2300	8.047	0.3360	0.3460	34	-12.30	019.99	2
021	Cobalt (mg / kg (ppm))	0619	0.0510	0.0000	0.1599	0.0848	0.0333	4		021.41	0
021	Cobalt (mg / kg (ppm))	0964	0.1430	0.0422	0.1599	0.0848	0.0333	4		021.43	0
021	Cobalt (mg / kg (ppm))	0510	0.1950	0.0100	0.1599	0.0848	0.0333	4		021.43	0
021	Cobalt (mg / kg (ppm))	0171	0.2505	0.0810	0.1599	0.0848	0.0333	4		021.41	0
021	Cobalt (mg / kg (ppm))	2033	< 0.1		0.1599	0.0848	0.0333	4		021.43	5
022	Copper (mg / kg (ppm))	2089	21.50	1.000	30.90	3.497	0.9189	24	-2.69	022.43	0
022	Copper (mg / kg (ppm))	0619	23.55	0.7000	30.90	3.497	0.9189	24	-2.10	022.99	0
022	Copper (mg / kg (ppm))	2114	25.77	0.2610	30.90	3.497	0.9189	24	-1.47	022.44	0
022	Copper (mg / kg (ppm))	0047	26.53	0.6400	30.90	3.497	0.9189	24	-1.25	022.52	0
022	Copper (mg / kg (ppm))	2058	27.45	0.0800	30.90	3.497	0.9189	24	-0.99	022.43	0
022	Copper (mg / kg (ppm))	0511	28.50	3.000	30.90	3.497	0.9189	24	-0.69	022.41	0
022	Copper (mg / kg (ppm))	0171	28.80	0.1700	30.90	3.497	0.9189	24	-0.60	022.41	0
022	Copper (mg / kg (ppm))	0407	30.07	1.767	30.90	3.497	0.9189	24	-0.24	022.41	0
022	Copper (mg / kg (ppm))	2033	30.20	2.800	30.90	3.497	0.9189	24	-0.20	022.43	0
022	Copper (mg / kg (ppm))	0051	30.34	0.3200	30.90	3.497	0.9189	24	-0.16	022.41	0
022	Copper (mg / kg (ppm))	0202	30.97	0.8050	30.90	3.497	0.9189	24	0.02	022.43	0
022	Copper (mg / kg (ppm))	0208	31.05	1.150	30.90	3.497	0.9189	24	0.04	022.41	0
022	Copper (mg / kg (ppm))	0074	31.50	1.000	30.90	3.497	0.9189	24	0.17	022.41	0
022	Copper (mg / kg (ppm))	0164	31.50	1.000	30.90	3.497	0.9189	24	0.17	022.41	0
022	Copper (mg / kg (ppm))	0019	32.11	2.770	30.90	3.497	0.9189	24	0.34	022.41	0
022	Copper (mg / kg (ppm))	2207	33.00	0.0000	30.90	3.497	0.9189	24	0.60	022.42	0
022	Copper (mg / kg (ppm))	0510	33.00	0.0000	30.90	3.497	0.9189	24	0.60	022.43	0
022	Copper (mg / kg (ppm))	2094	33.00	0.0000	30.90	3.497	0.9189	24	0.60	022.43	0
022	Copper (mg / kg (ppm))	0098	33.23	0.1300	30.90	3.497	0.9189	24	0.66	022.43	0
022	Copper (mg / kg (ppm))	0964	33.29	1.282	30.90	3.497	0.9189	24	0.68	022.43	0
022	Copper (mg / kg (ppm))	0098	34.63	0.2700	30.90	3.497	0.9189	24	1.06	022.41	0
022	Copper (mg / kg (ppm))	0870	34.94	1.670	30.90	3.497	0.9189	24	1.15	022.42	0
022	Copper (mg / kg (ppm))	0027	34.95	0.5380	30.90	3.497	0.9189	24	1.16	022.43	0
022	Copper (mg / kg (ppm))	2124	35.56	0.7000	30.90	3.497	0.9189	24	1.33	022.43	0

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025	Iron (mg / kg (ppm))	0619	302.5	1.000	434.1	34.16	19.67	25	-3.85	025.99	0
025	Iron (mg / kg (ppm))	0511	379.5	9.000	434.1	34.16	19.67	25	-1.60	025.41	0
025	Iron (mg / kg (ppm))	0164	384.5	17.00	434.1	34.16	19.67	25	-1.45	025.41	0
025	Iron (mg / kg (ppm))	2058	390.9	17.08	434.1	34.16	19.67	25	-1.26	025.43	0
025	Iron (mg / kg (ppm))	0870	405.1	19.60	434.1	34.16	19.67	25	-0.85	025.42	0
025	Iron (mg / kg (ppm))	2136	415.5	27.00	434.1	34.16	19.67	25	-0.55	025.43	0
025	Iron (mg / kg (ppm))	0510	418.5	1.000	434.1	34.16	19.67	25	-0.46	025.43	0
025	Iron (mg / kg (ppm))	0001	421.7	21.70	434.1	34.16	19.67	25	-0.37	025.31	0
025	Iron (mg / kg (ppm))	2207	425.0	0.0000	434.1	34.16	19.67	25	-0.27	025.42	0
025	Iron (mg / kg (ppm))	0407	425.5	2.110	434.1	34.16	19.67	25	-0.25	025.41	0
025	Iron (mg / kg (ppm))	0098	426.9	19.80	434.1	34.16	19.67	25	-0.21	025.41	0
025	Iron (mg / kg (ppm))	2124	435.1	7.370	434.1	34.16	19.67	25	0.03	025.43	0
025	Iron (mg / kg (ppm))	0208	437.7	26.90	434.1	34.16	19.67	25	0.10	025.41	0
025	Iron (mg / kg (ppm))	0019	439.4	26.70	434.1	34.16	19.67	25	0.15	025.41	0
025	Iron (mg / kg (ppm))	2033	440.0	20.00	434.1	34.16	19.67	25	0.17	025.43	0
025	Iron (mg / kg (ppm))	0027	443.8	27.70	434.1	34.16	19.67	25	0.28	025.43	0
025	Iron (mg / kg (ppm))	0171	444.0	1.200	434.1	34.16	19.67	25	0.29	025.41	0
025	Iron (mg / kg (ppm))	0964	448.6	10.05	434.1	34.16	19.67	25	0.42	025.43	0
025	Iron (mg / kg (ppm))	0051	450.0	48.00	434.1	34.16	19.67	25	0.46	025.41	0
025	Iron (mg / kg (ppm))	0098	453.5	1.600	434.1	34.16	19.67	25	0.57	025.43	0
025	Iron (mg / kg (ppm))	0047	462.9	54.10	434.1	34.16	19.67	25	0.84	025.52	0
025	Iron (mg / kg (ppm))	0074	474.0	12.00	434.1	34.16	19.67	25	1.17	025.41	0
025	Iron (mg / kg (ppm))	2094	474.5	45.00	434.1	34.16	19.67	25	1.18	025.43	0
025	Iron (mg / kg (ppm))	2114	516.3	2.542	434.1	34.16	19.67	25	2.41	025.41	0
025	Iron (mg / kg (ppm))	2089	538.6	73.42	434.1	34.16	19.67	25	3.06	025.43	0
027	Magnesium (%)	0889	0.1900	0.0000	0.2243	0.0118	0.0059	32	-2.90	027.99	0
027	Magnesium (%)	2114	0.1905	0.0050	0.2243	0.0118	0.0059	32	-2.86	027.44	0
027	Magnesium (%)	0051	0.2033	0.0036	0.2243	0.0118	0.0059	32	-1.78	027.41	0
027	Magnesium (%)	0407	0.2051	0.0151	0.2243	0.0118	0.0059	32	-1.63	027.41	0
027	Magnesium (%)	0202	0.2100	0.0020	0.2243	0.0118	0.0059	32	-1.21	027.43	0
027	Magnesium (%)	0870	0.2104	0.0055	0.2243	0.0118	0.0059	32	-1.18	027.42	0
027	Magnesium (%)	0001	0.2132	0.0026	0.2243	0.0118	0.0059	32	-0.94	027.31	0
027	Magnesium (%)	0098	0.2200	0.0000	0.2243	0.0118	0.0059	32	-0.37	027.41	0
027	Magnesium (%)	0098	0.2200	0.0000	0.2243	0.0118	0.0059	32	-0.37	027.43	0
027	Magnesium (%)	0510	0.2200	0.0000	0.2243	0.0118	0.0059	32	-0.37	027.43	0
027	Magnesium (%)	0619	0.2215	0.0130	0.2243	0.0118	0.0059	32	-0.24	027.99	0
027	Magnesium (%)	2232	0.2230	0.0180	0.2243	0.0118	0.0059	32	-0.11	027.41	0
027	Magnesium (%)	2220	0.2240	0.0040	0.2243	0.0118	0.0059	32	-0.03	027.44	0
027	Magnesium (%)	0171	0.2250	0.0080	0.2243	0.0118	0.0059	32	0.06	027.41	0
027	Magnesium (%)	0511	0.2250	0.0100	0.2243	0.0118	0.0059	32	0.06	027.41	0
027	Magnesium (%)	2089	0.2250	0.0100	0.2243	0.0118	0.0059	32	0.06	027.43	0
027	Magnesium (%)	2094	0.2250	0.0100	0.2243	0.0118	0.0059	32	0.06	027.43	0

Method Group	Analyte Group (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Your Method	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Tests			
027	Magnesium (%)	0164	0.2260	0.0000	0.2243	0.0118	0.0059	32	0.14	027.41	0
027	Magnesium (%)	0208	0.2260	0.0000	0.2243	0.0118	0.0059	32	0.14	027.41	0
027	Magnesium (%)	2219	0.2270	0.0060	0.2243	0.0118	0.0059	32	0.23	027.44	0
027	Magnesium (%)	0074	0.2285	0.0190	0.2243	0.0118	0.0059	32	0.35	027.41	0
027	Magnesium (%)	0027	0.2285	0.0070	0.2243	0.0118	0.0059	32	0.35	027.43	0
027	Magnesium (%)	2187	0.2289	0.0029	0.2243	0.0118	0.0059	32	0.38	027.43	0
027	Magnesium (%)	2033	0.2300	0.0200	0.2243	0.0118	0.0059	32	0.48	027.43	0
027	Magnesium (%)	2124	0.2300	0.0000	0.2243	0.0118	0.0059	32	0.48	027.43	0
027	Magnesium (%)	2156	0.2320	0.0020	0.2243	0.0118	0.0059	32	0.65	027.44	0
027	Magnesium (%)	0047	0.2340	0.0040	0.2243	0.0118	0.0059	32	0.82	027.52	0
027	Magnesium (%)	2207	0.2350	0.0100	0.2243	0.0118	0.0059	32	0.90	027.42	0
027	Magnesium (%)	0019	0.2400	0.0000	0.2243	0.0118	0.0059	32	1.33	027.41	0
027	Magnesium (%)	0065	0.2400	0.0000	0.2243	0.0118	0.0059	32	1.33	027.44	0
027	Magnesium (%)	2115	0.2430	0.0020	0.2243	0.0118	0.0059	32	1.58	027.31	0
027	Magnesium (%)	0964	0.2449	0.0106	0.2243	0.0118	0.0059	32	1.74	027.43	0
027	Magnesium (%)	0873	0.9900	0.0020	0.2243	0.0118	0.0059	32	64.77	027.44	2
028	Manganese (mg / kg (ppm))	2114	14.30	0.2000	18.82	2.126	0.6806	26	-2.13	028.44	0
028	Manganese (mg / kg (ppm))	0511	15.00	0.0000	18.82	2.126	0.6806	26	-1.80	028.41	0
028	Manganese (mg / kg (ppm))	0619	15.25	0.1000	18.82	2.126	0.6806	26	-1.68	028.99	0
028	Manganese (mg / kg (ppm))	0870	16.13	0.5900	18.82	2.126	0.6806	26	-1.27	028.42	0
028	Manganese (mg / kg (ppm))	2058	16.54	0.2000	18.82	2.126	0.6806	26	-1.07	028.43	0
028	Manganese (mg / kg (ppm))	0164	17.00	0.0000	18.82	2.126	0.6806	26	-0.86	028.41	0
028	Manganese (mg / kg (ppm))	0047	17.80	0.6400	18.82	2.126	0.6806	26	-0.48	028.52	0
028	Manganese (mg / kg (ppm))	0407	18.20	1.514	18.82	2.126	0.6806	26	-0.29	028.41	0
028	Manganese (mg / kg (ppm))	2033	18.25	1.500	18.82	2.126	0.6806	26	-0.27	028.43	0
028	Manganese (mg / kg (ppm))	0051	18.49	0.1700	18.82	2.126	0.6806	26	-0.16	028.41	0
028	Manganese (mg / kg (ppm))	0001	18.64	1.730	18.82	2.126	0.6806	26	-0.09	028.31	0
028	Manganese (mg / kg (ppm))	2089	18.79	2.260	18.82	2.126	0.6806	26	-0.01	028.43	0
028	Manganese (mg / kg (ppm))	0171	18.80	0.2700	18.82	2.126	0.6806	26	-0.01	028.41	0
028	Manganese (mg / kg (ppm))	2207	19.00	0.0000	18.82	2.126	0.6806	26	0.09	028.42	0
028	Manganese (mg / kg (ppm))	2094	19.00	2.000	18.82	2.126	0.6806	26	0.09	028.43	0
028	Manganese (mg / kg (ppm))	0208	19.26	0.0500	18.82	2.126	0.6806	26	0.21	028.41	0
028	Manganese (mg / kg (ppm))	0074	19.50	1.000	18.82	2.126	0.6806	26	0.32	028.41	0
028	Manganese (mg / kg (ppm))	2124	19.82	0.1600	18.82	2.126	0.6806	26	0.47	028.43	0
028	Manganese (mg / kg (ppm))	0510	20.00	0.0000	18.82	2.126	0.6806	26	0.56	028.43	0
028	Manganese (mg / kg (ppm))	0098	20.30	0.3800	18.82	2.126	0.6806	26	0.70	028.41	0
028	Manganese (mg / kg (ppm))	2115	20.49	0.1940	18.82	2.126	0.6806	26	0.79	028.31	0
028	Manganese (mg / kg (ppm))	0964	20.57	0.4296	18.82	2.126	0.6806	26	0.82	028.43	0
028	Manganese (mg / kg (ppm))	0098	20.77	0.4100	18.82	2.126	0.6806	26	0.92	028.43	0
028	Manganese (mg / kg (ppm))	0027	21.47	1.188	18.82	2.126	0.6806	26	1.25	028.43	0
028	Manganese (mg / kg (ppm))	0019	21.76	0.9400	18.82	2.126	0.6806	26	1.38	028.41	0
028	Manganese (mg / kg (ppm))	0202	21.83	1.771	18.82	2.126	0.6806	26	1.42	028.43	0

Method Group	Analyte Group (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Your Method	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Tests			
031	Phosphorus (%)	0889	1.985	0.0700	4.036	0.2258	0.1373	34	-9.08	031.99	0
031	Phosphorus (%)	0676	3.275	0.1500	4.036	0.2258	0.1373	34	-3.37	031.99	0
031	Phosphorus (%)	0870	3.649	0.0740	4.036	0.2258	0.1373	34	-1.71	031.42	0
031	Phosphorus (%)	0164	3.745	0.1700	4.036	0.2258	0.1373	34	-1.29	031.41	0
031	Phosphorus (%)	2114	3.802	0.1530	4.036	0.2258	0.1373	34	-1.04	031.41	0
031	Phosphorus (%)	0098	3.822	0.0470	4.036	0.2258	0.1373	34	-0.95	031.41	0
031	Phosphorus (%)	2232	3.827	0.3190	4.036	0.2258	0.1373	34	-0.93	031.41	0
031	Phosphorus (%)	0019	3.870	0.2400	4.036	0.2258	0.1373	34	-0.73	031.41	0
031	Phosphorus (%)	0873	3.880	0.0400	4.036	0.2258	0.1373	34	-0.69	031.44	0
031	Phosphorus (%)	0098	3.904	0.0840	4.036	0.2258	0.1373	34	-0.58	031.43	0
031	Phosphorus (%)	0171	3.915	0.3700	4.036	0.2258	0.1373	34	-0.54	031.41	0
031	Phosphorus (%)	0208	3.935	0.2280	4.036	0.2258	0.1373	34	-0.45	031.01	0
031	Phosphorus (%)	0202	3.956	0.0490	4.036	0.2258	0.1373	34	-0.36	031.43	0
031	Phosphorus (%)	2094	3.995	0.0700	4.036	0.2258	0.1373	34	-0.18	031.43	0
031	Phosphorus (%)	2115	4.007	0.0820	4.036	0.2258	0.1373	34	-0.13	031.01	0
031	Phosphorus (%)	2220	4.035	0.0500	4.036	0.2258	0.1373	34	0.00	031.01	0
031	Phosphorus (%)	0407	4.041	0.0319	4.036	0.2258	0.1373	34	0.02	031.41	0
031	Phosphorus (%)	2219	4.060	0.1400	4.036	0.2258	0.1373	34	0.11	031.01	0
031	Phosphorus (%)	0511	4.080	0.2200	4.036	0.2258	0.1373	34	0.20	031.01	0
031	Phosphorus (%)	0001	4.082	0.0060	4.036	0.2258	0.1373	34	0.20	031.03	0
031	Phosphorus (%)	0964	4.087	0.0744	4.036	0.2258	0.1373	34	0.22	031.43	0
031	Phosphorus (%)	0065	4.120	0.0000	4.036	0.2258	0.1373	34	0.37	031.44	0
031	Phosphorus (%)	2187	4.148	0.0393	4.036	0.2258	0.1373	34	0.50	031.43	0
031	Phosphorus (%)	0051	4.165	0.0043	4.036	0.2258	0.1373	34	0.57	031.41	0
031	Phosphorus (%)	2156	4.170	0.0000	4.036	0.2258	0.1373	34	0.59	031.01	0
031	Phosphorus (%)	0027	4.177	0.2810	4.036	0.2258	0.1373	34	0.62	031.43	0
031	Phosphorus (%)	2207	4.180	0.0800	4.036	0.2258	0.1373	34	0.64	031.42	0
031	Phosphorus (%)	0208	4.215	0.2260	4.036	0.2258	0.1373	34	0.79	031.41	0
031	Phosphorus (%)	2124	4.235	0.0100	4.036	0.2258	0.1373	34	0.88	031.43	0
031	Phosphorus (%)	0619	4.285	0.5100	4.036	0.2258	0.1373	34	1.10	031.99	0
031	Phosphorus (%)	0074	4.290	0.2000	4.036	0.2258	0.1373	34	1.13	031.41	0
031	Phosphorus (%)	2136	4.355	0.2100	4.036	0.2258	0.1373	34	1.41	031.43	0
031	Phosphorus (%)	0510	4.400	0.0200	4.036	0.2258	0.1373	34	1.61	031.43	0
031	Phosphorus (%)	2033	4.490	0.4200	4.036	0.2258	0.1373	34	2.01	031.43	0
031	Phosphorus (%)	2089	4.495	0.7100	4.036	0.2258	0.1373	34	2.03	031.43	1
032	Potassium (%)	0019	0.4850	0.0100	0.5506	0.0388	0.0166	32	-1.69	032.41	0
032	Potassium (%)	2114	0.4980	0.0020	0.5506	0.0388	0.0166	32	-1.36	032.44	0
032	Potassium (%)	0001	0.5065	0.0210	0.5506	0.0388	0.0166	32	-1.14	032.99	0
032	Potassium (%)	0407	0.5137	0.0472	0.5506	0.0388	0.0166	32	-0.95	032.41	0
032	Potassium (%)	0619	0.5140	0.0020	0.5506	0.0388	0.0166	32	-0.94	032.99	0
032	Potassium (%)	2136	0.5160	0.0260	0.5506	0.0388	0.0166	32	-0.89	032.43	0
032	Potassium (%)	0870	0.5193	0.0226	0.5506	0.0388	0.0166	32	-0.81	032.42	0

Method Group	Analyte Group (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Your	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Tests	Z Score	Method	
032	Potassium (%)	0511	0.5200	0.0600	0.5506	0.0388	0.0166	32	-0.79	032.41	0
032	Potassium (%)	2187	0.5224	0.0141	0.5506	0.0388	0.0166	32	-0.73	032.43	0
032	Potassium (%)	2232	0.5240	0.0320	0.5506	0.0388	0.0166	32	-0.69	032.41	0
032	Potassium (%)	0027	0.5340	0.0280	0.5506	0.0388	0.0166	32	-0.43	032.43	0
032	Potassium (%)	0164	0.5350	0.0200	0.5506	0.0388	0.0166	32	-0.40	032.41	0
032	Potassium (%)	0202	0.5375	0.0010	0.5506	0.0388	0.0166	32	-0.34	032.43	0
032	Potassium (%)	2115	0.5395	0.0170	0.5506	0.0388	0.0166	32	-0.29	032.31	0
032	Potassium (%)	0098	0.5400	0.0000	0.5506	0.0388	0.0166	32	-0.27	032.43	0
032	Potassium (%)	0074	0.5450	0.0100	0.5506	0.0388	0.0166	32	-0.14	032.41	0
032	Potassium (%)	2089	0.5450	0.0100	0.5506	0.0388	0.0166	32	-0.14	032.43	0
032	Potassium (%)	0208	0.5465	0.0010	0.5506	0.0388	0.0166	32	-0.11	032.41	0
032	Potassium (%)	0098	0.5550	0.0100	0.5506	0.0388	0.0166	32	0.11	032.41	0
032	Potassium (%)	2033	0.5600	0.0200	0.5506	0.0388	0.0166	32	0.24	032.43	0
032	Potassium (%)	2094	0.5650	0.0500	0.5506	0.0388	0.0166	32	0.37	032.43	0
032	Potassium (%)	2124	0.5650	0.0100	0.5506	0.0388	0.0166	32	0.37	032.43	0
032	Potassium (%)	0065	0.5700	0.0000	0.5506	0.0388	0.0166	32	0.50	032.44	0
032	Potassium (%)	2219	0.5800	0.0200	0.5506	0.0388	0.0166	32	0.76	032.44	0
032	Potassium (%)	2156	0.5800	0.0400	0.5506	0.0388	0.0166	32	0.76	032.44	0
032	Potassium (%)	2207	0.5900	0.0000	0.5506	0.0388	0.0166	32	1.02	032.42	0
032	Potassium (%)	2220	0.5900	0.0000	0.5506	0.0388	0.0166	32	1.02	032.44	0
032	Potassium (%)	0171	0.5910	0.0180	0.5506	0.0388	0.0166	32	1.04	032.41	0
032	Potassium (%)	0051	0.5985	0.0010	0.5506	0.0388	0.0166	32	1.24	032.41	0
032	Potassium (%)	0510	0.6100	0.0000	0.5506	0.0388	0.0166	32	1.53	032.43	0
032	Potassium (%)	0964	0.6227	0.0172	0.5506	0.0388	0.0166	32	1.86	032.43	0
032	Potassium (%)	0873	1.040	0.0200	0.5506	0.0388	0.0166	32	12.63	032.44	0
032	Potassium (%)	0889	0.0000	0.0000	0.5506	0.0388	0.0166	32		032.99	4
033	Salt as chloride (%)	0171	0.3950	0.0100	0.5264	0.0521	0.0048	8	-2.52	033.05	0
033	Salt as chloride (%)	0656	0.4700	0.0000	0.5264	0.0521	0.0048	8	-1.08	033.03	0
033	Salt as chloride (%)	0407	0.5300	0.0020	0.5264	0.0521	0.0048	8	0.07	033.01	0
033	Salt as chloride (%)	0510	0.5350	0.0100	0.5264	0.0521	0.0048	8	0.16	033.01	0
033	Salt as chloride (%)	0650	0.5350	0.0100	0.5264	0.0521	0.0048	8	0.16	033.01	0
033	Salt as chloride (%)	0098	0.5500	0.0000	0.5264	0.0521	0.0048	8	0.45	033.01	0
033	Salt as chloride (%)	0309	0.5532	0.0064	0.5264	0.0521	0.0048	8	0.51	033.00	0
033	Salt as chloride (%)	0164	0.5900	0.0000	0.5264	0.0521	0.0048	8	1.22	033.01	0
034	Selenium (mg / kg (ppm))	0047	0.6600	0.0620	0.9795	0.2505	0.0799	7	-1.28	034.52	0
034	Selenium (mg / kg (ppm))	0171	0.7990	0.0520	0.9795	0.2505	0.0799	7	-0.72	034.04	0
034	Selenium (mg / kg (ppm))	2033	0.8950	0.0700	0.9795	0.2505	0.0799	7	-0.34	034.53	0
034	Selenium (mg / kg (ppm))	0164	0.9275	0.0050	0.9795	0.2505	0.0799	7	-0.21	034.53	0
034	Selenium (mg / kg (ppm))	0407	1.140	0.1200	0.9795	0.2505	0.0799	7	0.64	034.43	0
034	Selenium (mg / kg (ppm))	2094	1.150	0.1200	0.9795	0.2505	0.0799	7	0.68	034.53	0
034	Selenium (mg / kg (ppm))	2124	1.285	0.1300	0.9795	0.2505	0.0799	7	1.22	034.43	0
035	Sodium (%)	0889	0.1250	0.0300	0.5770	0.0336	0.0183	29	-13.47	035.99	0

Method Group	Analyte Group (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Your	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Tests	Z Score	Method	
035	Sodium (%)	2114	0.4510	0.0020	0.5770	0.0336	0.0183	29	-3.75	035.41	0
035	Sodium (%)	0407	0.4552	0.0051	0.5770	0.0336	0.0183	29	-3.63	035.41	0
035	Sodium (%)	0164	0.5420	0.0280	0.5770	0.0336	0.0183	29	-1.04	035.41	0
035	Sodium (%)	0619	0.5425	0.0150	0.5770	0.0336	0.0183	29	-1.03	035.41	0
035	Sodium (%)	0870	0.5469	0.0277	0.5770	0.0336	0.0183	29	-0.90	035.42	0
035	Sodium (%)	0098	0.5500	0.0000	0.5770	0.0336	0.0183	29	-0.80	035.43	0
035	Sodium (%)	0873	0.5550	0.0100	0.5770	0.0336	0.0183	29	-0.65	035.41	0
035	Sodium (%)	0019	0.5600	0.0600	0.5770	0.0336	0.0183	29	-0.51	035.41	0
035	Sodium (%)	2136	0.5625	0.0010	0.5770	0.0336	0.0183	29	-0.43	035.43	0
035	Sodium (%)	0208	0.5635	0.0110	0.5770	0.0336	0.0183	29	-0.40	035.41	0
035	Sodium (%)	2187	0.5708	0.0080	0.5770	0.0336	0.0183	29	-0.18	035.43	0
035	Sodium (%)	0202	0.5710	0.0260	0.5770	0.0336	0.0183	29	-0.18	035.43	0
035	Sodium (%)	0098	0.5750	0.0100	0.5770	0.0336	0.0183	29	-0.06	035.41	0
035	Sodium (%)	2232	0.5760	0.0240	0.5770	0.0336	0.0183	29	-0.03	035.41	0
035	Sodium (%)	2094	0.5850	0.0100	0.5770	0.0336	0.0183	29	0.24	035.43	0
035	Sodium (%)	2124	0.5850	0.0100	0.5770	0.0336	0.0183	29	0.24	035.43	0
035	Sodium (%)	0065	0.5900	0.0000	0.5770	0.0336	0.0183	29	0.39	035.41	0
035	Sodium (%)	0511	0.5900	0.0400	0.5770	0.0336	0.0183	29	0.39	035.41	0
035	Sodium (%)	0171	0.5925	0.0350	0.5770	0.0336	0.0183	29	0.46	035.41	0
035	Sodium (%)	0051	0.5985	0.0263	0.5770	0.0336	0.0183	29	0.64	035.41	0
035	Sodium (%)	2089	0.6000	0.0400	0.5770	0.0336	0.0183	29	0.69	035.43	0
035	Sodium (%)	2033	0.6025	0.0210	0.5770	0.0336	0.0183	29	0.76	035.43	0
035	Sodium (%)	2156	0.6050	0.0100	0.5770	0.0336	0.0183	29	0.84	035.41	0
035	Sodium (%)	2219	0.6100	0.0000	0.5770	0.0336	0.0183	29	0.98	035.41	0
035	Sodium (%)	2220	0.6110	0.0220	0.5770	0.0336	0.0183	29	1.01	035.41	0
035	Sodium (%)	2207	0.6200	0.0200	0.5770	0.0336	0.0183	29	1.28	035.42	0
035	Sodium (%)	0510	0.6200	0.0000	0.5770	0.0336	0.0183	29	1.28	035.43	0
035	Sodium (%)	0964	0.7256	0.0398	0.5770	0.0336	0.0183	29	4.43	035.43	0
036	Sulfur (%)	0870	0.4639	0.0267	0.5511	0.0993	0.0101	14	-0.88	036.42	0
036	Sulfur (%)	0001	0.4770	0.0180	0.5511	0.0993	0.0101	14	-0.75	036.04	0
036	Sulfur (%)	0171	0.4775	0.0110	0.5511	0.0993	0.0101	14	-0.74	036.42	0
036	Sulfur (%)	0407	0.4906	0.0064	0.5511	0.0993	0.0101	14	-0.61	036.42	0
036	Sulfur (%)	0098	0.4918	0.0019	0.5511	0.0993	0.0101	14	-0.60	036.43	0
036	Sulfur (%)	0202	0.4970	0.0080	0.5511	0.0993	0.0101	14	-0.54	036.43	0
036	Sulfur (%)	0164	0.5050	0.0100	0.5511	0.0993	0.0101	14	-0.46	036.42	0
036	Sulfur (%)	2207	0.5200	0.0000	0.5511	0.0993	0.0101	14	-0.31	036.42	0
036	Sulfur (%)	2089	0.5250	0.0100	0.5511	0.0993	0.0101	14	-0.26	036.43	0
036	Sulfur (%)	0964	0.5522	0.0088	0.5511	0.0993	0.0101	14	0.01	036.43	0
036	Sulfur (%)	0889	0.6450	0.0100	0.5511	0.0993	0.0101	14	0.95	036.99	0
036	Sulfur (%)	2033	0.6700	0.0200	0.5511	0.0993	0.0101	14	1.20	036.43	0
036	Sulfur (%)	0510	0.7000	0.0000	0.5511	0.0993	0.0101	14	1.50	036.43	0
036	Sulfur (%)	2094	0.7750	0.0100	0.5511	0.0993	0.0101	14	2.25	036.43	0

Method Group	Analyte Group (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Your Method	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Tests			
037	Zinc (mg / kg (ppm))	0619	115.0	0.0000	151.7	16.64	4.078	26	-2.21	037.99	0
037	Zinc (mg / kg (ppm))	0870	124.3	2.300	151.7	16.64	4.078	26	-1.65	037.42	0
037	Zinc (mg / kg (ppm))	2114	129.6	1.690	151.7	16.64	4.078	26	-1.33	037.44	0
037	Zinc (mg / kg (ppm))	0164	130.0	2.000	151.7	16.64	4.078	26	-1.31	037.41	0
037	Zinc (mg / kg (ppm))	0889	130.4	8.480	151.7	16.64	4.078	26	-1.28	037.99	0
037	Zinc (mg / kg (ppm))	2058	130.5	1.000	151.7	16.64	4.078	26	-1.27	037.43	0
037	Zinc (mg / kg (ppm))	0208	148.0	1.200	151.7	16.64	4.078	26	-0.22	037.41	0
037	Zinc (mg / kg (ppm))	0202	148.6	0.8180	151.7	16.64	4.078	26	-0.19	037.43	0
037	Zinc (mg / kg (ppm))	0051	149.9	4.360	151.7	16.64	4.078	26	-0.11	037.41	0
037	Zinc (mg / kg (ppm))	2207	150.0	4.000	151.7	16.64	4.078	26	-0.10	037.42	0
037	Zinc (mg / kg (ppm))	0098	150.9	4.600	151.7	16.64	4.078	26	-0.05	037.41	0
037	Zinc (mg / kg (ppm))	0407	152.8	0.7557	151.7	16.64	4.078	26	0.07	037.41	0
037	Zinc (mg / kg (ppm))	2089	154.1	2.320	151.7	16.64	4.078	26	0.14	037.43	0
037	Zinc (mg / kg (ppm))	0511	155.5	11.00	151.7	16.64	4.078	26	0.23	037.41	0
037	Zinc (mg / kg (ppm))	0019	155.8	6.700	151.7	16.64	4.078	26	0.24	037.41	0
037	Zinc (mg / kg (ppm))	2033	156.0	6.000	151.7	16.64	4.078	26	0.26	037.43	0
037	Zinc (mg / kg (ppm))	0001	158.8	7.300	151.7	16.64	4.078	26	0.42	037.31	0
037	Zinc (mg / kg (ppm))	2094	158.8	4.500	151.7	16.64	4.078	26	0.42	037.43	0
037	Zinc (mg / kg (ppm))	2124	159.0	4.000	151.7	16.64	4.078	26	0.44	037.43	0
037	Zinc (mg / kg (ppm))	0171	159.4	12.20	151.7	16.64	4.078	26	0.46	037.41	0
037	Zinc (mg / kg (ppm))	0074	160.0	6.000	151.7	16.64	4.078	26	0.50	037.41	0
037	Zinc (mg / kg (ppm))	0964	165.6	0.3630	151.7	16.64	4.078	26	0.84	037.43	0
037	Zinc (mg / kg (ppm))	0510	166.0	0.0000	151.7	16.64	4.078	26	0.86	037.43	0
037	Zinc (mg / kg (ppm))	0027	169.1	6.846	151.7	16.64	4.078	26	1.04	037.43	0
037	Zinc (mg / kg (ppm))	0098	176.0	4.300	151.7	16.64	4.078	26	1.46	037.43	0
037	Zinc (mg / kg (ppm))	0047	177.2	3.300	151.7	16.64	4.078	26	1.53	037.52	0
038	Molybdenum (mg / kg (ppm))	0171	0.3175	0.0230				3		038.41	0
038	Molybdenum (mg / kg (ppm))	0164	0.4360	0.0040				3		038.53	0
038	Molybdenum (mg / kg (ppm))	0510	0.6300	0.0200				3		038.43	0
042	Chloride (%)	2124	0.3535	0.0010				1		042.00	0
101	Choline Chloride (mg / kg (ppm))	0227	1,946	7.000				1		101.02	0
102	Niacin (mg / kg (ppm))	2124	6.295	0.6300				1		102.02	0
103	Pantothenic Acid (mg / kg (ppm))	2124	16.04	0.2400				1		103.02	0
104	Riboflavin (mg / kg (ppm))	2124	< 1.25					0		104.03	5
105	Thiamine (mg / kg (ppm))	2124	18.43	1.060				1		105.00	0
106	Vitamin A (KU / kg)	0676	0.1350	0.0300				1		106.02	0
107	Vitamin B12 (µg / kg (ppb))	0227	131.0	4.000				1		107.00	0
109	Vitamin E (IU / kg)	0676	2.085	0.0100				1		109.02	0
112	Pyridoxine (µg / g)	2124	14.99	1.130				1		112.01	0
120	Alanine (%)	0407	3.132	0.0030	3.662	0.3946	0.0635	8	-1.34	120.05	0
120	Alanine (%)	0889	3.155	0.0100	3.662	0.3946	0.0635	8	-1.29	120.99	0
120	Alanine (%)	0676	3.585	0.1900	3.662	0.3946	0.0635	8	-0.20	120.05	0

Method Group	Analyte Group (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Your	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Tests	Z Score	Method	
120	Alanine (%)	0504	3.710	0.1400	3.662	0.3946	0.0635	8	0.12	120.00	0
120	Alanine (%)	0870	3.857	0.0639	3.662	0.3946	0.0635	8	0.49	120.00	0
120	Alanine (%)	0227	3.890	0.0200	3.662	0.3946	0.0635	8	0.58	120.00	0
120	Alanine (%)	0619	3.945	0.0500	3.662	0.3946	0.0635	8	0.72	120.00	0
120	Alanine (%)	0171	4.024	0.0310	3.662	0.3946	0.0635	8	0.92	120.00	0
121	Arginine (%)	0889	0.8500	0.0000	3.584	0.2538	0.0556	7	-10.77	121.99	0
121	Arginine (%)	0407	3.386	0.0460	3.584	0.2538	0.0556	7	-0.78	121.05	0
121	Arginine (%)	0676	3.570	0.0800	3.584	0.2538	0.0556	7	-0.06	121.05	0
121	Arginine (%)	0504	3.610	0.1000	3.584	0.2538	0.0556	7	0.10	121.00	0
121	Arginine (%)	0870	3.706	0.0534	3.584	0.2538	0.0556	7	0.48	121.00	0
121	Arginine (%)	0227	3.785	0.0500	3.584	0.2538	0.0556	7	0.79	121.00	0
121	Arginine (%)	0619	3.830	0.0600	3.584	0.2538	0.0556	7	0.97	121.00	0
121	Arginine (%)	0171	6.340	4.984	3.584	0.2538	0.0556	7	10.86	121.00	1
122	Aspartic (%)	0407	3.312	0.0550	4.153	0.2345	0.0714	8	-3.59	122.05	0
122	Aspartic (%)	0504	4.020	0.1400	4.153	0.2345	0.0714	8	-0.57	122.00	0
122	Aspartic (%)	0889	4.075	0.0700	4.153	0.2345	0.0714	8	-0.33	122.99	0
122	Aspartic (%)	0227	4.090	0.0400	4.153	0.2345	0.0714	8	-0.27	122.00	0
122	Aspartic (%)	0870	4.129	0.0323	4.153	0.2345	0.0714	8	-0.10	122.00	0
122	Aspartic (%)	0676	4.320	0.1600	4.153	0.2345	0.0714	8	0.71	122.05	0
122	Aspartic (%)	0171	4.367	0.0040	4.153	0.2345	0.0714	8	0.91	122.00	0
122	Aspartic (%)	0619	4.425	0.0700	4.153	0.2345	0.0714	8	1.16	122.00	0
124	Cysteine/Cystine (%)	0407	0.2585	0.0070	0.5504	0.2049	0.0151	8	-1.43	124.05	0
124	Cysteine/Cystine (%)	0870	0.4314	0.0141	0.5504	0.2049	0.0151	8	-0.58	124.00	0
124	Cysteine/Cystine (%)	0227	0.4800	0.0000	0.5504	0.2049	0.0151	8	-0.34	124.00	0
124	Cysteine/Cystine (%)	0171	0.5055	0.0190	0.5504	0.2049	0.0151	8	-0.22	124.00	0
124	Cysteine/Cystine (%)	0504	0.5550	0.0500	0.5504	0.2049	0.0151	8	0.02	124.00	0
124	Cysteine/Cystine (%)	0676	0.6100	0.0000	0.5504	0.2049	0.0151	8	0.29	124.05	0
124	Cysteine/Cystine (%)	0619	0.7055	0.0210	0.5504	0.2049	0.0151	8	0.76	124.00	0
124	Cysteine/Cystine (%)	0889	4.665	0.0100	0.5504	0.2049	0.0151	8	20.09	124.99	0
125	Glutamic (%)	0407	5.572	0.1020	6.611	0.7286	0.1503	8	-1.43	125.05	0
125	Glutamic (%)	0171	5.900	0.0130	6.611	0.7286	0.1503	8	-0.98	125.00	0
125	Glutamic (%)	0504	6.445	0.1900	6.611	0.7286	0.1503	8	-0.23	125.00	0
125	Glutamic (%)	0676	6.605	0.4300	6.611	0.7286	0.1503	8	-0.01	125.05	0
125	Glutamic (%)	0889	6.810	0.2800	6.611	0.7286	0.1503	8	0.27	125.99	0
125	Glutamic (%)	0227	6.820	0.0200	6.611	0.7286	0.1503	8	0.29	125.00	0
125	Glutamic (%)	0870	7.224	0.0977	6.611	0.7286	0.1503	8	0.84	125.00	0
125	Glutamic (%)	0619	7.515	0.0700	6.611	0.7286	0.1503	8	1.24	125.00	0
126	Glycine (%)	0889	2.455	0.0100	6.340	0.3760	0.0951	8	-10.33	126.99	0
126	Glycine (%)	0676	6.165	0.1100	6.340	0.3760	0.0951	8	-0.47	126.05	0
126	Glycine (%)	0407	6.174	0.1130	6.340	0.3760	0.0951	8	-0.44	126.05	0
126	Glycine (%)	0504	6.270	0.2000	6.340	0.3760	0.0951	8	-0.19	126.00	0
126	Glycine (%)	0171	6.395	0.0160	6.340	0.3760	0.0951	8	0.15	126.00	0

Method Group	Analyte Group (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Your	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Tests	Z Score	Method	
126	Glycine (%)	0870	6.405	0.1816	6.340	0.3760	0.0951	8	0.17	126.00	0
126	Glycine (%)	0619	6.680	0.1200	6.340	0.3760	0.0951	8	0.90	126.00	0
126	Glycine (%)	0227	6.855	0.0100	6.340	0.3760	0.0951	8	1.37	126.00	0
127	Histidine (%)	0407	0.9915	0.0790	1.110	0.1385	0.0456	8	-0.86	127.05	0
127	Histidine (%)	0504	1.030	0.0600	1.110	0.1385	0.0456	8	-0.58	127.00	0
127	Histidine (%)	0227	1.035	0.0100	1.110	0.1385	0.0456	8	-0.54	127.00	0
127	Histidine (%)	0676	1.035	0.0300	1.110	0.1385	0.0456	8	-0.54	127.05	0
127	Histidine (%)	0870	1.067	0.0697	1.110	0.1385	0.0456	8	-0.31	127.00	0
127	Histidine (%)	0171	1.130	0.0060	1.110	0.1385	0.0456	8	0.14	127.00	0
127	Histidine (%)	0619	1.275	0.0100	1.110	0.1385	0.0456	8	1.19	127.00	0
127	Histidine (%)	0889	3.120	0.1000	1.110	0.1385	0.0456	8	14.51	127.99	0
128	Isoleucine (%)	0407	1.459	0.0650	1.635	0.1397	0.0556	8	-1.26	128.05	0
128	Isoleucine (%)	0870	1.528	0.1034	1.635	0.1397	0.0556	8	-0.76	128.00	0
128	Isoleucine (%)	0227	1.565	0.0100	1.635	0.1397	0.0556	8	-0.50	128.00	0
128	Isoleucine (%)	0676	1.600	0.1400	1.635	0.1397	0.0556	8	-0.25	128.05	0
128	Isoleucine (%)	0504	1.660	0.0600	1.635	0.1397	0.0556	8	0.18	128.00	0
128	Isoleucine (%)	0171	1.681	0.0160	1.635	0.1397	0.0556	8	0.33	128.00	0
128	Isoleucine (%)	0619	1.740	0.0400	1.635	0.1397	0.0556	8	0.75	128.00	0
128	Isoleucine (%)	0889	3.685	0.0100	1.635	0.1397	0.0556	8	14.68	128.99	0
129	Leucine (%)	0889	1.175	0.0100	3.244	0.2941	0.0695	8	-7.04	129.99	0
129	Leucine (%)	0407	2.925	0.0380	3.244	0.2941	0.0695	8	-1.09	129.05	0
129	Leucine (%)	0870	3.284	0.1258	3.244	0.2941	0.0695	8	0.14	129.00	0
129	Leucine (%)	0504	3.300	0.1600	3.244	0.2941	0.0695	8	0.19	129.00	0
129	Leucine (%)	0676	3.300	0.1800	3.244	0.2941	0.0695	8	0.19	129.05	0
129	Leucine (%)	0227	3.345	0.0100	3.244	0.2941	0.0695	8	0.34	129.00	0
129	Leucine (%)	0171	3.381	0.0020	3.244	0.2941	0.0695	8	0.47	129.00	0
129	Leucine (%)	0619	3.615	0.0300	3.244	0.2941	0.0695	8	1.26	129.00	0
130	L-Lysine (%)	0889	2.355	0.0500	2.864	0.4010	0.0741	8	-1.27	130.99	0
130	L-Lysine (%)	0407	2.436	0.0660	2.864	0.4010	0.0741	8	-1.07	130.05	0
130	L-Lysine (%)	0171	2.566	0.0170	2.864	0.4010	0.0741	8	-0.74	130.00	0
130	L-Lysine (%)	0676	3.015	0.1700	2.864	0.4010	0.0741	8	0.38	130.05	0
130	L-Lysine (%)	0227	3.045	0.0100	2.864	0.4010	0.0741	8	0.45	130.00	0
130	L-Lysine (%)	0504	3.060	0.1200	2.864	0.4010	0.0741	8	0.49	130.00	0
130	L-Lysine (%)	0870	3.193	0.0999	2.864	0.4010	0.0741	8	0.82	130.00	0
130	L-Lysine (%)	0619	3.240	0.0600	2.864	0.4010	0.0741	8	0.94	130.00	0
131	Methionine (%)	0619	0.5795	0.0090	0.8365	0.1481	0.0360	8	-1.73	131.00	0
131	Methionine (%)	0407	0.7453	0.0705	0.8365	0.1481	0.0360	8	-0.62	131.05	0
131	Methionine (%)	0504	0.7850	0.0500	0.8365	0.1481	0.0360	8	-0.35	131.00	0
131	Methionine (%)	0227	0.8050	0.0300	0.8365	0.1481	0.0360	8	-0.21	131.00	0
131	Methionine (%)	0870	0.8695	0.0385	0.8365	0.1481	0.0360	8	0.22	131.00	0
131	Methionine (%)	0171	0.8890	0.0000	0.8365	0.1481	0.0360	8	0.35	131.00	0
131	Methionine (%)	0676	0.9250	0.0700	0.8365	0.1481	0.0360	8	0.60	131.05	0

Method Group	Analyte Group (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Your	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Tests	Z Score	Method	
131	Methionine (%)	0889	2.100	0.0200	0.8365	0.1481	0.0360	8	8.53	131.99	0
132	Phenylalanine (%)	0407	1.617	0.0900	1.835	0.1308	0.0569	8	-1.66	132.05	0
132	Phenylalanine (%)	0889	1.770	0.0000	1.835	0.1308	0.0569	8	-0.49	132.99	0
132	Phenylalanine (%)	0227	1.775	0.0100	1.835	0.1308	0.0569	8	-0.46	132.00	0
132	Phenylalanine (%)	0676	1.800	0.1400	1.835	0.1308	0.0569	8	-0.27	132.05	0
132	Phenylalanine (%)	0870	1.839	0.0735	1.835	0.1308	0.0569	8	0.03	132.00	0
132	Phenylalanine (%)	0171	1.900	0.0120	1.835	0.1308	0.0569	8	0.50	132.00	0
132	Phenylalanine (%)	0504	1.960	0.1200	1.835	0.1308	0.0569	8	0.96	132.00	0
132	Phenylalanine (%)	0619	1.995	0.0100	1.835	0.1308	0.0569	8	1.23	132.00	0
133	Proline (%)	0889	3.260	0.0400	3.911	0.2754	0.0534	8	-2.36	133.99	0
133	Proline (%)	0407	3.744	0.0850	3.911	0.2754	0.0534	8	-0.61	133.05	0
133	Proline (%)	0676	3.840	0.0800	3.911	0.2754	0.0534	8	-0.26	133.05	0
133	Proline (%)	0504	3.890	0.0200	3.911	0.2754	0.0534	8	-0.07	133.00	0
133	Proline (%)	0870	3.903	0.1038	3.911	0.2754	0.0534	8	-0.03	133.00	0
133	Proline (%)	0619	3.955	0.0500	3.911	0.2754	0.0534	8	0.16	133.00	0
133	Proline (%)	0171	4.176	0.0480	3.911	0.2754	0.0534	8	0.96	133.00	0
133	Proline (%)	0227	4.280	0.0000	3.911	0.2754	0.0534	8	1.34	133.00	0
134	Serine (%)	0407	1.857	0.0650	2.231	0.3164	0.0424	8	-1.18	134.05	0
134	Serine (%)	0504	1.885	0.1100	2.231	0.3164	0.0424	8	-1.09	134.00	0
134	Serine (%)	0171	2.142	0.0010	2.231	0.3164	0.0424	8	-0.28	134.00	0
134	Serine (%)	0227	2.180	0.0000	2.231	0.3164	0.0424	8	-0.16	134.00	0
134	Serine (%)	0619	2.340	0.0600	2.231	0.3164	0.0424	8	0.35	134.00	0
134	Serine (%)	0870	2.361	0.0529	2.231	0.3164	0.0424	8	0.41	134.00	0
134	Serine (%)	0676	2.375	0.0100	2.231	0.3164	0.0424	8	0.46	134.05	0
134	Serine (%)	0889	3.270	0.0400	2.231	0.3164	0.0424	8	3.29	134.99	0
135	Threonine (%)	0407	1.444	0.0570	1.864	0.2345	0.0572	8	-1.80	135.05	0
135	Threonine (%)	0504	1.745	0.0900	1.864	0.2345	0.0572	8	-0.51	135.00	0
135	Threonine (%)	0676	1.770	0.1200	1.864	0.2345	0.0572	8	-0.40	135.05	0
135	Threonine (%)	0227	1.815	0.0100	1.864	0.2345	0.0572	8	-0.21	135.00	0
135	Threonine (%)	0870	1.889	0.0748	1.864	0.2345	0.0572	8	0.10	135.00	0
135	Threonine (%)	0619	1.950	0.0400	1.864	0.2345	0.0572	8	0.36	135.00	0
135	Threonine (%)	0171	2.018	0.0160	1.864	0.2345	0.0572	8	0.65	135.00	0
135	Threonine (%)	0889	3.645	0.0500	1.864	0.2345	0.0572	8	7.59	135.99	0
136	Tryptophan (%)	0889	0.2400	0.0200	0.3514	0.0728	0.0141	6	-1.53	136.99	0
136	Tryptophan (%)	0619	0.3270	0.0100	0.3514	0.0728	0.0141	6	-0.34	136.00	0
136	Tryptophan (%)	0407	0.3400	0.0300	0.3514	0.0728	0.0141	6	-0.16	136.05	0
136	Tryptophan (%)	0504	0.3750	0.0100	0.3514	0.0728	0.0141	6	0.32	136.99	0
136	Tryptophan (%)	0870	0.4095	0.0046	0.3514	0.0728	0.0141	6	0.80	136.00	0
136	Tryptophan (%)	0227	0.4150	0.0100	0.3514	0.0728	0.0141	6	0.87	136.00	0
137	Tyrosine (%)	0889	0.2500	0.0800	1.301	0.2570	0.0609	7	-4.09	137.99	0
137	Tyrosine (%)	0870	1.170	0.0344	1.301	0.2570	0.0609	7	-0.51	137.00	0
137	Tyrosine (%)	0407	1.194	0.0820	1.301	0.2570	0.0609	7	-0.41	137.05	0

Method Group	Analyte Group (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Your	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Tests	Z Score	Method	
137	Tyrosine (%)	0227	1.310	0.0200	1.301	0.2570	0.0609	7	0.04	137.00	0
137	Tyrosine (%)	0504	1.445	0.0500	1.301	0.2570	0.0609	7	0.56	137.00	0
137	Tyrosine (%)	0171	1.525	0.0500	1.301	0.2570	0.0609	7	0.87	137.00	0
137	Tyrosine (%)	0676	1.545	0.1100	1.301	0.2570	0.0609	7	0.95	137.05	0
138	Valine (%)	0889	0.4550	0.0100	2.242	0.2211	0.0754	8	-8.08	138.99	0
138	Valine (%)	0407	2.006	0.1950	2.242	0.2211	0.0754	8	-1.07	138.05	0
138	Valine (%)	0870	2.200	0.1053	2.242	0.2211	0.0754	8	-0.19	138.00	0
138	Valine (%)	0227	2.305	0.0300	2.242	0.2211	0.0754	8	0.29	138.00	0
138	Valine (%)	0676	2.305	0.1500	2.242	0.2211	0.0754	8	0.29	138.05	0
138	Valine (%)	0504	2.350	0.1000	2.242	0.2211	0.0754	8	0.49	138.00	0
138	Valine (%)	0171	2.364	0.0030	2.242	0.2211	0.0754	8	0.55	138.00	0
138	Valine (%)	0619	2.495	0.0100	2.242	0.2211	0.0754	8	1.14	138.00	0
139	Taurine (%)	0227	0.1050	0.0100				3		139.00	0
139	Taurine (%)	0407	0.1215	0.0050				3		139.05	0
139	Taurine (%)	0504	0.1250	0.0100				3		139.00	0
139	Taurine (%)	0889	0.2600	0.0000				3		139.99	2
400	Water Activity (Units)	0015	0.4450	0.0100				2		400.99	0
400	Water Activity (Units)	0407	0.4478	0.0013				2		400.01	0
412	Starch, Dietary (%)	0015	0.9000	0.4000				1		412.01	0
516	Arsenic, Total (mg / kg (ppm))	0227	0.0550	0.0000				3		516.53	0
516	Arsenic, Total (mg / kg (ppm))	0171	0.0610	0.0020				3		516.00	0
516	Arsenic, Total (mg / kg (ppm))	0407	2.466	0.1150				3		516.43	0
516	Arsenic, Total (mg / kg (ppm))	2124	< 0.89					3		516.43	5
518	Cadmium (mg / kg (ppm))	0227	0.0195	0.0010				1		518.53	0
518	Cadmium (mg / kg (ppm))	0171	< 0.05					1		518.41	5
518	Cadmium (mg / kg (ppm))	2124	< 0.16					1		518.43	5
520	Chromium (mg / kg (ppm))	0510	2.320	0.0200				2		520.43	0
520	Chromium (mg / kg (ppm))	0171	8.195	0.1290				2		520.41	0
526	Lead (mg / kg (ppm))	0227	1.800	0.0600				2		526.53	0
526	Lead (mg / kg (ppm))	0171	2.609	0.6610				2		526.41	0
539	Nickel (mg / kg (ppm))	0171	2.634	0.0080				1		539.41	0
710	Lauric Acid (12:0) (% (w/w))	2124	0.0100	0.0000				2		710.99	0
710	Lauric Acid (12:0) (% (w/w))	0676	0.0195	0.0030				2		710.99	0
714	Myristic Acid (14:0) (% (w/w))	2124	0.1800	0.0000				1		714.99	0
716	Palmitic Acid (16:0) (% (w/w))	2124	3.220	0.1200				1		716.99	0
718	Palmitoleic Acid (9c-16:1) (% (w/w))	0676	0.2235	0.0170				2		718.99	0
718	Palmitoleic Acid (9c-16:1) (% (w/w))	2124	0.2300	0.0000				2		718.99	0
722	Stearic Acid (18:0) (% (w/w))	2124	2.095	0.0900				1		722.99	0
724	Oleic Acid (9c-18:1) (% (w/w))	2124	3.970	0.1400				1		724.99	0
726	Linoleic Acid (9c,12c-18:2) (% (w/w))	2124	0.5350	0.0100				2		726.99	0
726	Linoleic Acid (9c,12c-18:2) (% (w/w))	0676	0.5840	0.0200				2		726.99	0
728	alpha-Linolenic Acid (9c,12c,15c-18:3) (% (w/w))	0676	0.0080	0.0020				2		728.99	0

Method Group	Analyte Group (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Your Method	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Tests			
728	alpha-Linolenic Acid (9c,12c,15c-18:3) (% (w/w	2124	0.0100	0.0000				2	728.99	0	
736	Arachidonic Acid (5c,8c,11c,14c-20:4) (% (w/w	0676	0.0435	0.0110				1	736.99	0	
740	Eicosapentaenoic Acid EPA (5c,8c,11c,14c,17c	0676	0.0000	0.0000				0	740.99	4	
740	Eicosapentaenoic Acid EPA (5c,8c,11c,14c,17c	2124	< 0.01					0	740.99	5	
746	Docosapentaenoic Acid n-3 DPA (7c,10c,13c,16c	0676	0.0000	0.0000				0	746.99	4	
750	Docosahexaenoic Acid DHA (4c,7c,10c,13c,16c	0676	0.0000	0.0000				0	750.99	4	
750	Docosahexaenoic Acid DHA (4c,7c,10c,13c,16c	2124	< 0.01					0	750.99	5	
754	Total n-3 Polyunsaturated (Omega-3) Fatty Acids	0676	0.0100	0.0000				2	754.99	0	
754	Total n-3 Polyunsaturated (Omega-3) Fatty Acids	2124	0.0155	0.0030				2	754.99	0	
756	Total n-6 Polyunsaturated (Omega-6) Fatty Acids	2124	0.5965	0.0030				2	756.99	0	
756	Total n-6 Polyunsaturated (Omega-6) Fatty Acids	0676	0.6900	0.0400				2	756.99	0	
772	Total Fatty Acids (% (w/w))	2124	10.40	0.3500				1	772.99	0	

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