



**AAFCO**  
Proficiency Testing Program



**Pet Food Ingredient Scheme**

**Corn**

**Test Material Code # 202043**

**Analyte Proficiency Testing Report**

**# Labs Reporting: 62**

**# Analytes Reported 75**

**Issue Date : 09/30/2020**

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 (%)	0845	9.635	0.5700	10.97	0.3222	0.1648	31	-4.13	001.07	0
001	Loss on Drying (%)	2155	10.02	0.5600	10.97	0.3222	0.1648	31	-2.93	001.99	0
001	Loss on Drying (%)	0889	10.37	0.0700	10.97	0.3222	0.1648	31	-1.86	001.99	0
001	Loss on Drying (%)	0510	10.50	0.2000	10.97	0.3222	0.1648	31	-1.44	001.99	0
001	Loss on Drying (%)	0034	10.53	0.2100	10.97	0.3222	0.1648	31	-1.37	001.07	0
001	Loss on Drying (%)	0504	10.55	0.5100	10.97	0.3222	0.1648	31	-1.30	001.00	0
001	Loss on Drying (%)	2115	10.61	0.0200	10.97	0.3222	0.1648	31	-1.10	001.99	0
001	Loss on Drying (%)	1022	10.70	0.0188	10.97	0.3222	0.1648	31	-0.82	001.07	0
001	Loss on Drying (%)	0171	10.90	0.0600	10.97	0.3222	0.1648	31	-0.20	001.07	0
001	Loss on Drying (%)	2187	10.91	0.0500	10.97	0.3222	0.1648	31	-0.19	001.07	0
001	Loss on Drying (%)	2124	10.93	0.2800	10.97	0.3222	0.1648	31	-0.11	001.03	0
001	Loss on Drying (%)	1021	10.95	0.0900	10.97	0.3222	0.1648	31	-0.06	001.07	0
001	Loss on Drying (%)	2156	10.96	0.3200	10.97	0.3222	0.1648	31	-0.02	001.07	0
001	Loss on Drying (%)	2252	10.97	0.3400	10.97	0.3222	0.1648	31	0.01	001.07	0
001	Loss on Drying (%)	0027	11.01	0.0380	10.97	0.3222	0.1648	31	0.14	001.00	0
001	Loss on Drying (%)	0407	11.05	0.1411	10.97	0.3222	0.1648	31	0.27	001.07	0
001	Loss on Drying (%)	0074	11.07	0.1800	10.97	0.3222	0.1648	31	0.32	001.07	0
001	Loss on Drying (%)	1024	11.09	0.0200	10.97	0.3222	0.1648	31	0.39	001.07	0
001	Loss on Drying (%)	0876	11.10	0.0000	10.97	0.3222	0.1648	31	0.42	001.07	0
001	Loss on Drying (%)	2219	11.11	0.0000	10.97	0.3222	0.1648	31	0.45	001.07	0
001	Loss on Drying (%)	0676	11.14	0.0300	10.97	0.3222	0.1648	31	0.53	001.99	0
001	Loss on Drying (%)	0098	11.17	0.1100	10.97	0.3222	0.1648	31	0.62	001.07	0
001	Loss on Drying (%)	2220	11.17	0.0100	10.97	0.3222	0.1648	31	0.62	001.07	0
001	Loss on Drying (%)	2293	11.18	0.2300	10.97	0.3222	0.1648	31	0.65	001.07	0
001	Loss on Drying (%)	1023	11.21	0.0500	10.97	0.3222	0.1648	31	0.74	001.07	0
001	Loss on Drying (%)	0656	11.21	0.0000	10.97	0.3222	0.1648	31	0.76	001.99	0
001	Loss on Drying (%)	0065	11.22	0.0900	10.97	0.3222	0.1648	31	0.78	001.07	0
001	Loss on Drying (%)	0003	11.27	0.0700	10.97	0.3222	0.1648	31	0.93	001.07	0
001	Loss on Drying (%)	0650	11.30	0.2000	10.97	0.3222	0.1648	31	1.04	001.07	0
001	Loss on Drying (%)	2242	11.30	0.4000	10.97	0.3222	0.1648	31	1.04	001.99	0
001	Loss on Drying (%)	0309	11.42	0.2400	10.97	0.3222	0.1648	31	1.41	001.00	0
001	Loss on Drying (%)	0027	16.67	0.0015	10.97	0.3222	0.1648	31	17.71	001.07	2
002	Protein, Crude (%)	0529	5.920	0.2800	7.054	0.1810	0.1074	58	-6.27	002.06	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	6.120	0.2400	7.054	0.1810	0.1074	58	-5.16	002.06	0
002	Protein, Crude (%)	0510	6.750	0.1000	7.054	0.1810	0.1074	58	-1.68	002.06	0
002	Protein, Crude (%)	2320	6.785	0.0900	7.054	0.1810	0.1074	58	-1.49	002.06	0
002	Protein, Crude (%)	0001	6.821	0.0090	7.054	0.1810	0.1074	58	-1.29	002.06	0
002	Protein, Crude (%)	0010	6.850	0.1000	7.054	0.1810	0.1074	58	-1.13	002.06	0
002	Protein, Crude (%)	2169	6.850	0.1000	7.054	0.1810	0.1074	58	-1.13	002.06	0
002	Protein, Crude (%)	0650	6.890	0.3600	7.054	0.1810	0.1074	58	-0.91	002.06	0
002	Protein, Crude (%)	0309	6.893	0.0413	7.054	0.1810	0.1074	58	-0.89	002.06	0
002	Protein, Crude (%)	0870	6.894	0.1450	7.054	0.1810	0.1074	58	-0.89	002.06	0
002	Protein, Crude (%)	0202	6.905	0.0500	7.054	0.1810	0.1074	58	-0.83	002.06	0
002	Protein, Crude (%)	0171	6.920	0.0200	7.054	0.1810	0.1074	58	-0.74	002.06	0
002	Protein, Crude (%)	2124	6.930	0.0000	7.054	0.1810	0.1074	58	-0.69	002.06	0
002	Protein, Crude (%)	2184	6.930	0.0000	7.054	0.1810	0.1074	58	-0.69	002.06	0
002	Protein, Crude (%)	0876	6.950	0.1000	7.054	0.1810	0.1074	58	-0.58	002.06	0
002	Protein, Crude (%)	1024	6.950	0.0800	7.054	0.1810	0.1074	58	-0.58	002.06	0
002	Protein, Crude (%)	0034	6.958	0.1110	7.054	0.1810	0.1074	58	-0.54	002.06	0
002	Protein, Crude (%)	2219	6.960	0.0200	7.054	0.1810	0.1074	58	-0.52	002.06	0
002	Protein, Crude (%)	0164	6.970	0.0600	7.054	0.1810	0.1074	58	-0.47	002.06	0
002	Protein, Crude (%)	2232	6.970	0.0400	7.054	0.1810	0.1074	58	-0.47	002.06	0
002	Protein, Crude (%)	2252	6.970	0.0018	7.054	0.1810	0.1074	58	-0.47	002.06	0
002	Protein, Crude (%)	0065	6.974	0.0067	7.054	0.1810	0.1074	58	-0.44	002.06	0
002	Protein, Crude (%)	0504	6.995	0.0300	7.054	0.1810	0.1074	58	-0.33	002.04	0
002	Protein, Crude (%)	2293	6.995	0.1100	7.054	0.1810	0.1074	58	-0.33	002.06	0
002	Protein, Crude (%)	2220	7.015	0.0500	7.054	0.1810	0.1074	58	-0.22	002.06	0
002	Protein, Crude (%)	1023	7.017	0.0684	7.054	0.1810	0.1074	58	-0.20	002.06	0
002	Protein, Crude (%)	0870	7.022	0.0770	7.054	0.1810	0.1074	58	-0.18	002.01	0
002	Protein, Crude (%)	0242	7.025	0.0700	7.054	0.1810	0.1074	58	-0.16	002.06	0
002	Protein, Crude (%)	0417	7.025	0.4700	7.054	0.1810	0.1074	58	-0.16	002.06	0
002	Protein, Crude (%)	0676	7.030	0.0600	7.054	0.1810	0.1074	58	-0.13	002.06	0
002	Protein, Crude (%)	2156	7.030	0.0400	7.054	0.1810	0.1074	58	-0.13	002.06	0
002	Protein, Crude (%)	1022	7.039	0.0121	7.054	0.1810	0.1074	58	-0.09	002.06	0
002	Protein, Crude (%)	2122	7.050	0.0000	7.054	0.1810	0.1074	58	-0.02	002.04	0
002	Protein, Crude (%)	0027	7.057	0.1120	7.054	0.1810	0.1074	58	0.01	002.06	0
002	Protein, Crude (%)	1021	7.064	0.0106	7.054	0.1810	0.1074	58	0.05	002.06	0
002	Protein, Crude (%)	2115	7.075	0.0100	7.054	0.1810	0.1074	58	0.11	002.05	0
002	Protein, Crude (%)	0098	7.105	0.3300	7.054	0.1810	0.1074	58	0.28	002.06	0
002	Protein, Crude (%)	0098	7.110	0.0400	7.054	0.1810	0.1074	58	0.31	002.08	0
002	Protein, Crude (%)	0074	7.120	0.1400	7.054	0.1810	0.1074	58	0.36	002.06	0
002	Protein, Crude (%)	0407	7.139	0.1010	7.054	0.1810	0.1074	58	0.46	002.06	0
002	Protein, Crude (%)	0208	7.160	0.1400	7.054	0.1810	0.1074	58	0.58	002.06	0
002	Protein, Crude (%)	0003	7.166	0.2420	7.054	0.1810	0.1074	58	0.62	002.06	0
002	Protein, Crude (%)	2089	7.170	0.1000	7.054	0.1810	0.1074	58	0.64	002.06	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 (%)	0553	7.185	0.4700	7.054	0.1810	0.1074	58	0.72	002.06	0
002	Protein, Crude (%)	0164	7.190	0.3800	7.054	0.1810	0.1074	58	0.75	002.01	0
002	Protein, Crude (%)	0656	7.210	0.0000	7.054	0.1810	0.1074	58	0.86	002.06	0
002	Protein, Crude (%)	2312	7.210	0.0200	7.054	0.1810	0.1074	58	0.86	002.06	0
002	Protein, Crude (%)	2187	7.220	0.2000	7.054	0.1810	0.1074	58	0.91	002.06	0
002	Protein, Crude (%)	2242	7.235	0.0500	7.054	0.1810	0.1074	58	1.00	002.06	0
002	Protein, Crude (%)	0656	7.250	0.0000	7.054	0.1810	0.1074	58	1.08	002.01	0
002	Protein, Crude (%)	2207	7.265	0.0300	7.054	0.1810	0.1074	58	1.16	002.06	0
002	Protein, Crude (%)	0504	7.310	0.1000	7.054	0.1810	0.1074	58	1.41	002.06	0
002	Protein, Crude (%)	2033	7.325	0.1100	7.054	0.1810	0.1074	58	1.49	002.06	0
002	Protein, Crude (%)	2303	7.429	0.0900	7.054	0.1810	0.1074	58	2.07	002.06	0
002	Protein, Crude (%)	0554	7.435	0.0300	7.054	0.1810	0.1074	58	2.10	002.06	0
002	Protein, Crude (%)	0889	7.480	0.2600	7.054	0.1810	0.1074	58	2.35	002.01	0
002	Protein, Crude (%)	2115	7.645	0.0930	7.054	0.1810	0.1074	58	3.26	002.06	0
002	Protein, Crude (%)	0845	7.725	0.2300	7.054	0.1810	0.1074	58	3.70	002.00	0
002	Protein, Crude (%)	2155	7.447	0.5470	7.054	0.1810	0.1074	58	2.17	002.06	1
002	Protein, Crude (%)	0553	11.04	0.0600	7.054	0.1810	0.1074	58	22.01	002.11	2
003	Fat, Crude (%)	0553	3.230	0.2200	3.796	0.2096	0.1355	41	-2.70	003.11	0
003	Fat, Crude (%)	0504	3.275	0.8100	3.796	0.2096	0.1355	41	-2.49	003.01	0
003	Fat, Crude (%)	2232	3.350	0.0200	3.796	0.2096	0.1355	41	-2.13	003.10	0
003	Fat, Crude (%)	0202	3.425	0.0500	3.796	0.2096	0.1355	41	-1.77	003.14	0
003	Fat, Crude (%)	2184	3.535	0.0500	3.796	0.2096	0.1355	41	-1.25	003.10	0
003	Fat, Crude (%)	2115	3.570	0.1400	3.796	0.2096	0.1355	41	-1.08	003.14	0
003	Fat, Crude (%)	0511	3.660	0.1200	3.796	0.2096	0.1355	41	-0.65	003.14	0
003	Fat, Crude (%)	2162	3.665	0.0100	3.796	0.2096	0.1355	41	-0.63	003.10	0
003	Fat, Crude (%)	1023	3.670	0.0200	3.796	0.2096	0.1355	41	-0.60	003.00	0
003	Fat, Crude (%)	2207	3.670	0.1000	3.796	0.2096	0.1355	41	-0.60	003.14	0
003	Fat, Crude (%)	0529	3.675	0.0500	3.796	0.2096	0.1355	41	-0.58	003.14	0
003	Fat, Crude (%)	0098	3.690	0.0000	3.796	0.2096	0.1355	41	-0.51	003.13	0
003	Fat, Crude (%)	2115	3.690	0.0200	3.796	0.2096	0.1355	41	-0.51	003.00	0
003	Fat, Crude (%)	0554	3.700	0.0400	3.796	0.2096	0.1355	41	-0.46	003.14	0
003	Fat, Crude (%)	0876	3.700	0.2000	3.796	0.2096	0.1355	41	-0.46	003.14	0
003	Fat, Crude (%)	0870	3.702	0.0889	3.796	0.2096	0.1355	41	-0.45	003.10	0
003	Fat, Crude (%)	2320	3.730	0.0000	3.796	0.2096	0.1355	41	-0.32	003.06	0
003	Fat, Crude (%)	0164	3.750	0.0800	3.796	0.2096	0.1355	41	-0.22	003.06	0
003	Fat, Crude (%)	0027	3.752	0.0350	3.796	0.2096	0.1355	41	-0.21	003.09	0
003	Fat, Crude (%)	0098	3.760	0.0600	3.796	0.2096	0.1355	41	-0.17	003.09	0
003	Fat, Crude (%)	0034	3.815	0.1100	3.796	0.2096	0.1355	41	0.09	003.14	0
003	Fat, Crude (%)	1021	3.820	0.1400	3.796	0.2096	0.1355	41	0.11	003.00	0
003	Fat, Crude (%)	0309	3.823	0.1386	3.796	0.2096	0.1355	41	0.13	003.00	0
003	Fat, Crude (%)	0098	3.830	0.3200	3.796	0.2096	0.1355	41	0.16	003.10	0
003	Fat, Crude (%)	2220	3.845	0.1900	3.796	0.2096	0.1355	41	0.23	003.00	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			
003	Fat, Crude (%)	0171	3.850	0.0200	3.796	0.2096	0.1355	41	0.26	003.12	0
003	Fat, Crude (%)	1022	3.852	0.0313	3.796	0.2096	0.1355	41	0.27	003.00	0
003	Fat, Crude (%)	0242	3.860	0.1200	3.796	0.2096	0.1355	41	0.30	003.10	0
003	Fat, Crude (%)	0889	3.870	0.1200	3.796	0.2096	0.1355	41	0.35	003.10	0
003	Fat, Crude (%)	0553	3.880	0.4400	3.796	0.2096	0.1355	41	0.40	003.10	0
003	Fat, Crude (%)	2293	3.905	0.2100	3.796	0.2096	0.1355	41	0.52	003.00	0
003	Fat, Crude (%)	2219	3.925	0.0900	3.796	0.2096	0.1355	41	0.61	003.00	0
003	Fat, Crude (%)	2156	3.940	0.0800	3.796	0.2096	0.1355	41	0.69	003.00	0
003	Fat, Crude (%)	0870	3.978	0.0974	3.796	0.2096	0.1355	41	0.87	003.13	0
003	Fat, Crude (%)	0407	4.001	0.2947	3.796	0.2096	0.1355	41	0.98	003.14	0
003	Fat, Crude (%)	0676	4.080	0.1400	3.796	0.2096	0.1355	41	1.35	003.10	0
003	Fat, Crude (%)	0656	4.100	0.0000	3.796	0.2096	0.1355	41	1.45	003.06	0
003	Fat, Crude (%)	0510	4.100	0.2000	3.796	0.2096	0.1355	41	1.45	003.09	0
003	Fat, Crude (%)	2033	4.105	0.0300	3.796	0.2096	0.1355	41	1.47	003.06	0
003	Fat, Crude (%)	0003	4.160	0.6600	3.796	0.2096	0.1355	41	1.74	003.14	0
003	Fat, Crude (%)	0870	4.322	0.0080	3.796	0.2096	0.1355	41	2.51	003.09	0
003	Fat, Crude (%)	2155	3.844	1.177	3.796	0.2096	0.1355	41	0.23	003.10	1
003	Fat, Crude (%)	2089	4.460	1.140	3.796	0.2096	0.1355	41	3.17	003.13	1
004	Fiber, Crude (%)	0208	1.175	0.0700	1.956	0.4291	0.1267	31	-1.82	004.00	0
004	Fiber, Crude (%)	0242	1.180	0.0800	1.956	0.4291	0.1267	31	-1.81	004.07	0
004	Fiber, Crude (%)	0202	1.250	0.1600	1.956	0.4291	0.1267	31	-1.64	004.07	0
004	Fiber, Crude (%)	0510	1.400	0.0000	1.956	0.4291	0.1267	31	-1.30	004.07	0
004	Fiber, Crude (%)	2115	1.535	0.0300	1.956	0.4291	0.1267	31	-0.98	004.07	0
004	Fiber, Crude (%)	0042	1.670	0.0400	1.956	0.4291	0.1267	31	-0.67	004.07	0
004	Fiber, Crude (%)	0407	1.694	0.2221	1.956	0.4291	0.1267	31	-0.61	004.07	0
004	Fiber, Crude (%)	0656	1.720	0.0000	1.956	0.4291	0.1267	31	-0.55	004.07	0
004	Fiber, Crude (%)	2089	1.740	0.0000	1.956	0.4291	0.1267	31	-0.50	004.03	0
004	Fiber, Crude (%)	0511	1.750	0.1000	1.956	0.4291	0.1267	31	-0.48	004.07	0
004	Fiber, Crude (%)	0504	1.760	0.3600	1.956	0.4291	0.1267	31	-0.46	004.00	0
004	Fiber, Crude (%)	0309	1.839	0.0006	1.956	0.4291	0.1267	31	-0.27	004.00	0
004	Fiber, Crude (%)	2320	1.845	0.0900	1.956	0.4291	0.1267	31	-0.26	004.00	0
004	Fiber, Crude (%)	2033	1.850	0.1000	1.956	0.4291	0.1267	31	-0.25	004.07	0
004	Fiber, Crude (%)	2115	1.930	0.0600	1.956	0.4291	0.1267	31	-0.06	004.06	0
004	Fiber, Crude (%)	0164	1.950	0.1000	1.956	0.4291	0.1267	31	-0.01	004.00	0
004	Fiber, Crude (%)	0553	1.960	0.1200	1.956	0.4291	0.1267	31	0.01	004.07	0
004	Fiber, Crude (%)	0171	1.995	0.2500	1.956	0.4291	0.1267	31	0.09	004.00	0
004	Fiber, Crude (%)	0027	2.046	0.0290	1.956	0.4291	0.1267	31	0.21	004.06	0
004	Fiber, Crude (%)	0876	2.050	0.3000	1.956	0.4291	0.1267	31	0.22	004.07	0
004	Fiber, Crude (%)	0870	2.055	0.0059	1.956	0.4291	0.1267	31	0.23	004.07	0
004	Fiber, Crude (%)	0034	2.095	0.2500	1.956	0.4291	0.1267	31	0.32	004.07	0
004	Fiber, Crude (%)	0554	2.155	0.0100	1.956	0.4291	0.1267	31	0.46	004.07	0
004	Fiber, Crude (%)	0553	2.265	0.0300	1.956	0.4291	0.1267	31	0.72	004.11	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			
004	Fiber, Crude (%)	0529	2.345	0.0300	1.956	0.4291	0.1267	31	0.91	004.07	0
004	Fiber, Crude (%)	2312	2.350	0.1000	1.956	0.4291	0.1267	31	0.92	004.00	0
004	Fiber, Crude (%)	2124	2.505	0.2700	1.956	0.4291	0.1267	31	1.28	004.07	0
004	Fiber, Crude (%)	0676	2.510	0.1600	1.956	0.4291	0.1267	31	1.29	004.06	0
004	Fiber, Crude (%)	2207	2.535	0.3300	1.956	0.4291	0.1267	31	1.35	004.07	0
004	Fiber, Crude (%)	0074	2.545	0.5100	1.956	0.4291	0.1267	31	1.37	004.07	0
004	Fiber, Crude (%)	0845	3.530	0.1200	1.956	0.4291	0.1267	31	3.67	004.06	0
005	Ash (%)	2089	0.9400	0.0200	1.251	0.0959	0.0491	47	-3.24	005.00	0
005	Ash (%)	0656	1.030	0.0000	1.251	0.0959	0.0491	47	-2.30	005.00	0
005	Ash (%)	0407	1.064	0.0194	1.251	0.0959	0.0491	47	-1.95	005.00	0
005	Ash (%)	0676	1.085	0.0900	1.251	0.0959	0.0491	47	-1.73	005.99	0
005	Ash (%)	2242	1.135	0.0900	1.251	0.0959	0.0491	47	-1.21	005.00	0
005	Ash (%)	0202	1.135	0.0700	1.251	0.0959	0.0491	47	-1.21	005.99	0
005	Ash (%)	2162	1.150	0.0200	1.251	0.0959	0.0491	47	-1.05	005.00	0
005	Ash (%)	2124	1.155	0.0300	1.251	0.0959	0.0491	47	-1.00	005.00	0
005	Ash (%)	2312	1.165	0.0500	1.251	0.0959	0.0491	47	-0.89	005.00	0
005	Ash (%)	2220	1.180	0.0400	1.251	0.0959	0.0491	47	-0.74	005.00	0
005	Ash (%)	2187	1.180	0.0800	1.251	0.0959	0.0491	47	-0.74	005.03	0
005	Ash (%)	0845	1.200	0.0200	1.251	0.0959	0.0491	47	-0.53	005.00	0
005	Ash (%)	2252	1.200	0.0400	1.251	0.0959	0.0491	47	-0.53	005.00	0
005	Ash (%)	0650	1.205	0.0700	1.251	0.0959	0.0491	47	-0.48	005.00	0
005	Ash (%)	0001	1.205	0.0610	1.251	0.0959	0.0491	47	-0.47	005.00	0
005	Ash (%)	0511	1.220	0.0800	1.251	0.0959	0.0491	47	-0.32	005.00	0
005	Ash (%)	2232	1.220	0.1200	1.251	0.0959	0.0491	47	-0.32	005.00	0
005	Ash (%)	1021	1.225	0.0100	1.251	0.0959	0.0491	47	-0.27	005.00	0
005	Ash (%)	2219	1.225	0.0500	1.251	0.0959	0.0491	47	-0.27	005.00	0
005	Ash (%)	0309	1.230	0.0150	1.251	0.0959	0.0491	47	-0.22	005.00	0
005	Ash (%)	0098	1.230	0.0200	1.251	0.0959	0.0491	47	-0.21	005.00	0
005	Ash (%)	2320	1.235	0.0100	1.251	0.0959	0.0491	47	-0.16	005.00	0
005	Ash (%)	0164	1.240	0.0600	1.251	0.0959	0.0491	47	-0.11	005.00	0
005	Ash (%)	0171	1.250	0.0200	1.251	0.0959	0.0491	47	-0.01	005.00	0
005	Ash (%)	0504	1.250	0.0800	1.251	0.0959	0.0491	47	-0.01	005.00	0
005	Ash (%)	0208	1.255	0.0900	1.251	0.0959	0.0491	47	0.05	005.00	0
005	Ash (%)	2156	1.260	0.1800	1.251	0.0959	0.0491	47	0.10	005.00	0
005	Ash (%)	2293	1.260	0.0600	1.251	0.0959	0.0491	47	0.10	005.00	0
005	Ash (%)	0870	1.273	0.0212	1.251	0.0959	0.0491	47	0.24	005.00	0
005	Ash (%)	0510	1.280	0.0800	1.251	0.0959	0.0491	47	0.31	005.00	0
005	Ash (%)	1023	1.280	0.0200	1.251	0.0959	0.0491	47	0.31	005.00	0
005	Ash (%)	2184	1.290	0.0400	1.251	0.0959	0.0491	47	0.41	005.00	0
005	Ash (%)	2115	1.295	0.0100	1.251	0.0959	0.0491	47	0.46	005.00	0
005	Ash (%)	0003	1.295	0.0100	1.251	0.0959	0.0491	47	0.46	005.05	0
005	Ash (%)	0876	1.300	0.0000	1.251	0.0959	0.0491	47	0.52	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 (%)	2033	1.300	0.0000	1.251	0.0959	0.0491	47	0.52	005.00	0
005	Ash (%)	0027	1.320	0.0370	1.251	0.0959	0.0491	47	0.72	005.00	0
005	Ash (%)	1022	1.330	0.0040	1.251	0.0959	0.0491	47	0.83	005.00	0
005	Ash (%)	2207	1.330	0.0200	1.251	0.0959	0.0491	47	0.83	005.00	0
005	Ash (%)	1024	1.345	0.0100	1.251	0.0959	0.0491	47	0.99	005.00	0
005	Ash (%)	0889	1.350	0.2000	1.251	0.0959	0.0491	47	1.04	005.05	0
005	Ash (%)	0242	1.380	0.0000	1.251	0.0959	0.0491	47	1.35	005.00	0
005	Ash (%)	0529	1.400	0.1000	1.251	0.0959	0.0491	47	1.56	005.00	0
005	Ash (%)	0042	1.430	0.1800	1.251	0.0959	0.0491	47	1.87	005.00	0
005	Ash (%)	0554	1.465	0.0300	1.251	0.0959	0.0491	47	2.24	005.00	0
005	Ash (%)	2169	1.500	0.0000	1.251	0.0959	0.0491	47	2.60	005.99	0
005	Ash (%)	0034	4.162	0.0500	1.251	0.0959	0.0491	47	30.37	005.05	0
005	Ash (%)	0065	2.558	2.503	1.251	0.0959	0.0491	47	13.64	005.05	1
005	Ash (%)	0417	9.795	0.5900	1.251	0.0959	0.0491	47	89.13	005.00	2
006	Total Sugars (%)	0407	1.751	0.2500				1		006.00	0
008	Fiber, Acid Detergent (%)	0042	2.000	0.0600	2.788	0.4305	0.1137	11	-1.83	008.08	0
008	Fiber, Acid Detergent (%)	0676	2.480	0.1000	2.788	0.4305	0.1137	11	-0.72	008.02	0
008	Fiber, Acid Detergent (%)	0309	2.485	0.0244	2.788	0.4305	0.1137	11	-0.70	008.02	0
008	Fiber, Acid Detergent (%)	0889	2.630	0.0600	2.788	0.4305	0.1137	11	-0.37	008.08	0
008	Fiber, Acid Detergent (%)	0511	2.650	0.1000	2.788	0.4305	0.1137	11	-0.32	008.08	0
008	Fiber, Acid Detergent (%)	0001	2.749	0.2610	2.788	0.4305	0.1137	11	-0.09	008.08	0
008	Fiber, Acid Detergent (%)	0504	2.830	0.0000	2.788	0.4305	0.1137	11	0.10	008.02	0
008	Fiber, Acid Detergent (%)	0656	2.920	0.0000	2.788	0.4305	0.1137	11	0.31	008.08	0
008	Fiber, Acid Detergent (%)	0870	3.005	0.1849	2.788	0.4305	0.1137	11	0.50	008.08	0
008	Fiber, Acid Detergent (%)	0407	3.345	0.1608	2.788	0.4305	0.1137	11	1.29	008.08	0
008	Fiber, Acid Detergent (%)	0164	3.650	0.3000	2.788	0.4305	0.1137	11	2.00	008.08	0
009	Fiber, Neutral Detergent (%)	0309	7.172	0.0666	7.976	0.7599	0.0982	8	-1.06	009.07	0
009	Fiber, Neutral Detergent (%)	0504	7.460	0.2600	7.976	0.7599	0.0982	8	-0.68	009.04	0
009	Fiber, Neutral Detergent (%)	0656	7.500	0.0000	7.976	0.7599	0.0982	8	-0.63	009.09	0
009	Fiber, Neutral Detergent (%)	0870	7.632	0.1157	7.976	0.7599	0.0982	8	-0.45	009.09	0
009	Fiber, Neutral Detergent (%)	0407	7.934	0.1229	7.976	0.7599	0.0982	8	-0.05	009.09	0
009	Fiber, Neutral Detergent (%)	0042	8.320	0.2200	7.976	0.7599	0.0982	8	0.45	009.09	0
009	Fiber, Neutral Detergent (%)	0164	8.700	0.0000	7.976	0.7599	0.0982	8	0.95	009.09	0
009	Fiber, Neutral Detergent (%)	0889	9.090	0.0000	7.976	0.7599	0.0982	8	1.47	009.09	0
009	Fiber, Neutral Detergent (%)	0676	11.30	0.8000	7.976	0.7599	0.0982	8	4.37	009.07	1
010	Moisture (%)	2169	10.15	0.1000				2		010.99	0
010	Moisture (%)	2089	10.61	0.0600				2		010.99	0
011	Loss on Drying (%)	2207	9.460	0.3400	11.63	0.3858	0.0884	24	-5.64	011.01	0
011	Loss on Drying (%)	2083	10.78	0.3600	11.63	0.3858	0.0884	24	-2.21	011.02	0
011	Loss on Drying (%)	0554	10.84	0.0200	11.63	0.3858	0.0884	24	-2.06	011.01	0
011	Loss on Drying (%)	0309	11.17	0.0300	11.63	0.3858	0.0884	24	-1.22	011.01	0
011	Loss on Drying (%)	2312	11.28	0.0100	11.63	0.3858	0.0884	24	-0.93	011.01	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			
011	Loss on Drying (%)	2232	11.35	0.0200	11.63	0.3858	0.0884	24	-0.74	011.01	0
011	Loss on Drying (%)	0511	11.39	0.1100	11.63	0.3858	0.0884	24	-0.65	011.01	0
011	Loss on Drying (%)	0208	11.45	0.3000	11.63	0.3858	0.0884	24	-0.48	011.01	0
011	Loss on Drying (%)	2303	11.58	0.1400	11.63	0.3858	0.0884	24	-0.15	011.99	0
011	Loss on Drying (%)	0164	11.62	0.0100	11.63	0.3858	0.0884	24	-0.05	011.01	0
011	Loss on Drying (%)	2320	11.67	0.0700	11.63	0.3858	0.0884	24	0.08	011.02	0
011	Loss on Drying (%)	0202	11.69	0.0300	11.63	0.3858	0.0884	24	0.13	011.01	0
011	Loss on Drying (%)	0171	11.78	0.0300	11.63	0.3858	0.0884	24	0.36	011.01	0
011	Loss on Drying (%)	2033	11.78	0.0100	11.63	0.3858	0.0884	24	0.36	011.02	0
011	Loss on Drying (%)	0870	11.78	0.1190	11.63	0.3858	0.0884	24	0.39	011.01	0
011	Loss on Drying (%)	0553	11.81	0.0600	11.63	0.3858	0.0884	24	0.46	011.01	0
011	Loss on Drying (%)	0529	11.82	0.0100	11.63	0.3858	0.0884	24	0.47	011.02	0
011	Loss on Drying (%)	2184	11.88	0.1600	11.63	0.3858	0.0884	24	0.64	011.01	0
011	Loss on Drying (%)	2162	11.89	0.0100	11.63	0.3858	0.0884	24	0.65	011.01	0
011	Loss on Drying (%)	0051	11.89	0.0000	11.63	0.3858	0.0884	24	0.66	011.01	0
011	Loss on Drying (%)	0242	11.91	0.0900	11.63	0.3858	0.0884	24	0.70	011.01	0
011	Loss on Drying (%)	0160	12.03	0.1600	11.63	0.3858	0.0884	24	1.03	011.01	0
011	Loss on Drying (%)	0407	12.13	0.0321	11.63	0.3858	0.0884	24	1.28	011.01	0
011	Loss on Drying (%)	0510	12.30	0.0000	11.63	0.3858	0.0884	24	1.72	011.01	0
011	Loss on Drying (%)	0098	11.36	0.5200	11.63	0.3858	0.0884	24	-0.71	011.01	1
011	Loss on Drying (%)	0417	1.185	0.1300	11.63	0.3858	0.0884	24	-27.08	011.02	2
012	Starch (%)	0407	56.08	2.053	62.53	5.325	1.531	6	-1.21	012.03	0
012	Starch (%)	2242	61.35	2.300	62.53	5.325	1.531	6	-0.22	012.01	0
012	Starch (%)	0870	61.55	3.281	62.53	5.325	1.531	6	-0.18	012.01	0
012	Starch (%)	0510	61.75	0.9000	62.53	5.325	1.531	6	-0.15	012.04	0
012	Starch (%)	0676	63.93	0.0700	62.53	5.325	1.531	6	0.26	012.01	0
012	Starch (%)	0889	72.50	0.5800	62.53	5.325	1.531	6	1.87	012.03	0
013	Fat, Acid Pretreat (%)	0042	3.520	0.3000	4.343	0.3967	0.1468	21	-2.07	013.13	0
013	Fat, Acid Pretreat (%)	0065	3.788	0.0433	4.343	0.3967	0.1468	21	-1.40	013.02	0
013	Fat, Acid Pretreat (%)	2252	3.905	0.0100	4.343	0.3967	0.1468	21	-1.10	013.00	0
013	Fat, Acid Pretreat (%)	2312	3.915	0.0300	4.343	0.3967	0.1468	21	-1.08	013.02	0
013	Fat, Acid Pretreat (%)	0870	4.101	0.0021	4.343	0.3967	0.1468	21	-0.61	013.02	0
013	Fat, Acid Pretreat (%)	0650	4.145	0.0900	4.343	0.3967	0.1468	21	-0.50	013.02	0
013	Fat, Acid Pretreat (%)	2124	4.200	0.1400	4.343	0.3967	0.1468	21	-0.36	013.10	0
013	Fat, Acid Pretreat (%)	0309	4.215	0.2594	4.343	0.3967	0.1468	21	-0.32	013.00	0
013	Fat, Acid Pretreat (%)	0208	4.265	0.1300	4.343	0.3967	0.1468	21	-0.20	013.02	0
013	Fat, Acid Pretreat (%)	0098	4.275	0.0300	4.343	0.3967	0.1468	21	-0.17	013.02	0
013	Fat, Acid Pretreat (%)	0553	4.310	0.3600	4.343	0.3967	0.1468	21	-0.08	013.02	0
013	Fat, Acid Pretreat (%)	0845	4.335	0.0700	4.343	0.3967	0.1468	21	-0.02	013.10	0
013	Fat, Acid Pretreat (%)	2187	4.360	0.4800	4.343	0.3967	0.1468	21	0.04	013.00	0
013	Fat, Acid Pretreat (%)	0202	4.510	0.1800	4.343	0.3967	0.1468	21	0.42	013.00	0
013	Fat, Acid Pretreat (%)	0242	4.585	0.2500	4.343	0.3967	0.1468	21	0.61	013.00	0

Method Group	Analyte Group (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Your Method	Flag
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013	Fat, Acid Pretreat (%)	0171	4.585	0.1100	4.343	0.3967	0.1468	21	0.61	013.02	0
013	Fat, Acid Pretreat (%)	0001	4.586	0.2018	4.343	0.3967	0.1468	21	0.61	013.02	0
013	Fat, Acid Pretreat (%)	0164	4.650	0.1000	4.343	0.3967	0.1468	21	0.77	013.02	0
013	Fat, Acid Pretreat (%)	0676	4.850	0.1000	4.343	0.3967	0.1468	21	1.28	013.02	0
013	Fat, Acid Pretreat (%)	0407	5.024	0.1820	4.343	0.3967	0.1468	21	1.72	013.02	0
013	Fat, Acid Pretreat (%)	0407	5.243	0.0134	4.343	0.3967	0.1468	21	2.27	013.13	0
015	Aluminum (ppm)	0407	1.204	0.3130				3		015.41	0
015	Aluminum (ppm)	0407	2.029	0.0017				3		015.43	0
015	Aluminum (ppm)	0171	2.645	0.1100				3		015.41	0
017	Boron (ppm)	0407	2.246	0.1629				3		017.43	0
017	Boron (ppm)	0510	3.000	0.0000				3		017.43	0
017	Boron (ppm)	0553	3.530	0.0200				3		017.53	0
017	Boron (ppm)	0407	5.190	0.6325				3		017.41	1
019	Calcium (%)	2232	0.0020	0.0000	0.0089	0.0031	0.0004	25	-2.24	019.44	0
019	Calcium (%)	0208	0.0050	0.0000	0.0089	0.0031	0.0004	25	-1.27	019.41	0
019	Calcium (%)	0553	0.0050	0.0000	0.0089	0.0031	0.0004	25	-1.27	019.53	0
019	Calcium (%)	0164	0.0055	0.0010	0.0089	0.0031	0.0004	25	-1.11	019.41	0
019	Calcium (%)	0098	0.0062	0.0000	0.0089	0.0031	0.0004	25	-0.88	019.43	0
019	Calcium (%)	0098	0.0063	0.0003	0.0089	0.0031	0.0004	25	-0.86	019.41	0
019	Calcium (%)	0407	0.0066	0.0001	0.0089	0.0031	0.0004	25	-0.76	019.43	0
019	Calcium (%)	0051	0.0069	0.0012	0.0089	0.0031	0.0004	25	-0.65	019.41	0
019	Calcium (%)	0870	0.0072	0.0002	0.0089	0.0031	0.0004	25	-0.55	019.42	0
019	Calcium (%)	0870	0.0076	0.0005	0.0089	0.0031	0.0004	25	-0.44	019.43	0
019	Calcium (%)	0065	0.0080	0.0020	0.0089	0.0031	0.0004	25	-0.29	019.44	0
019	Calcium (%)	0171	0.0100	0.0000	0.0089	0.0031	0.0004	25	0.35	019.41	0
019	Calcium (%)	0510	0.0100	0.0000	0.0089	0.0031	0.0004	25	0.35	019.43	0
019	Calcium (%)	2124	0.0100	0.0000	0.0089	0.0031	0.0004	25	0.35	019.43	0
019	Calcium (%)	2156	0.0100	0.0000	0.0089	0.0031	0.0004	25	0.35	019.44	0
019	Calcium (%)	2219	0.0100	0.0000	0.0089	0.0031	0.0004	25	0.35	019.44	0
019	Calcium (%)	2220	0.0100	0.0000	0.0089	0.0031	0.0004	25	0.35	019.44	0
019	Calcium (%)	2252	0.0100	0.0000	0.0089	0.0031	0.0004	25	0.35	019.44	0
019	Calcium (%)	2293	0.0100	0.0000	0.0089	0.0031	0.0004	25	0.35	019.44	0
019	Calcium (%)	0042	0.0115	0.0030	0.0089	0.0031	0.0004	25	0.84	019.43	0
019	Calcium (%)	0407	0.0118	0.0015	0.0089	0.0031	0.0004	25	0.92	019.41	0
019	Calcium (%)	1021	0.0120	0.0000	0.0089	0.0031	0.0004	25	1.00	019.41	0
019	Calcium (%)	1022	0.0130	0.0000	0.0089	0.0031	0.0004	25	1.33	019.41	0
019	Calcium (%)	1023	0.0130	0.0000	0.0089	0.0031	0.0004	25	1.33	019.41	0
019	Calcium (%)	1024	0.0130	0.0000	0.0089	0.0031	0.0004	25	1.33	019.41	0
019	Calcium (%)	0202	0.0250	0.0100	0.0089	0.0031	0.0004	25	5.22	019.43	1
019	Calcium (%)	2089	0.0450	0.0100	0.0089	0.0031	0.0004	25	11.71	019.43	1
019	Calcium (%)	0676	0.0000	0.0000	0.0089	0.0031	0.0004	25		019.99	4
019	Calcium (%)	0242	< 0.01		0.0089	0.0031	0.0004	25		019.99	5



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			
021	Cobalt (ppm)	0171	0.0250	0.0000	0.0709	0.0478	0.0068	4		021.41	0
021	Cobalt (ppm)	0510	0.0400	0.0200	0.0709	0.0478	0.0068	4		021.43	0
021	Cobalt (ppm)	0407	0.0890	0.0053	0.0709	0.0478	0.0068	4		021.41	0
021	Cobalt (ppm)	0407	0.1298	0.0020	0.0709	0.0478	0.0068	4		021.43	0
021	Cobalt (ppm)	0553	22.52	44.96	0.0709	0.0478	0.0068	4		021.53	2
021	Cobalt (ppm)	0164	< 0.75		0.0709	0.0478	0.0068	4		021.31	5
022	Copper (ppm)	0529	0.1000	0.0000	1.874	0.5442	0.1508	21	-3.26	022.31	0
022	Copper (ppm)	0242	1.000	0.0000	1.874	0.5442	0.1508	21	-1.61	022.99	0
022	Copper (ppm)	2114	1.245	0.0230	1.874	0.5442	0.1508	21	-1.16	022.43	0
022	Copper (ppm)	0010	1.545	0.1700	1.874	0.5442	0.1508	21	-0.60	022.33	0
022	Copper (ppm)	0553	1.595	0.0700	1.874	0.5442	0.1508	21	-0.51	022.53	0
022	Copper (ppm)	0098	1.615	0.2500	1.874	0.5442	0.1508	21	-0.48	022.41	0
022	Copper (ppm)	0407	1.624	0.5632	1.874	0.5442	0.1508	21	-0.46	022.41	0
022	Copper (ppm)	2124	1.650	0.1000	1.874	0.5442	0.1508	21	-0.41	022.43	0
022	Copper (ppm)	0407	1.683	0.1547	1.874	0.5442	0.1508	21	-0.35	022.43	0
022	Copper (ppm)	0164	1.700	0.0000	1.874	0.5442	0.1508	21	-0.32	022.41	0
022	Copper (ppm)	0171	1.830	0.2000	1.874	0.5442	0.1508	21	-0.08	022.41	0
022	Copper (ppm)	0051	1.985	0.1700	1.874	0.5442	0.1508	21	0.20	022.41	0
022	Copper (ppm)	0074	2.000	0.0000	1.874	0.5442	0.1508	21	0.23	022.41	0
022	Copper (ppm)	2207	2.000	0.0000	1.874	0.5442	0.1508	21	0.23	022.42	0
022	Copper (ppm)	0510	2.000	0.0000	1.874	0.5442	0.1508	21	0.23	022.43	0
022	Copper (ppm)	0870	2.179	0.1260	1.874	0.5442	0.1508	21	0.56	022.42	0
022	Copper (ppm)	2115	2.235	0.2300	1.874	0.5442	0.1508	21	0.66	022.31	0
022	Copper (ppm)	0202	2.275	0.1900	1.874	0.5442	0.1508	21	0.74	022.43	0
022	Copper (ppm)	0870	3.892	0.1700	1.874	0.5442	0.1508	21	3.71	022.43	0
022	Copper (ppm)	0042	4.025	0.0500	1.874	0.5442	0.1508	21	3.95	022.43	0
022	Copper (ppm)	0047	4.930	0.7000	1.874	0.5442	0.1508	21	5.62	022.52	0
022	Copper (ppm)	2089	15.95	2.820	1.874	0.5442	0.1508	21	25.87	022.43	1
022	Copper (ppm)	0098	< 1.67		1.874	0.5442	0.1508	21		022.43	5
022	Copper (ppm)	2058	< 3.35		1.874	0.5442	0.1508	21		022.43	5
022	Copper (ppm)	0656	< 10.1		1.874	0.5442	0.1508	21		022.31	5
025	Iron (ppm)	0242	18.00	2.000	21.36	2.619	0.8651	22	-1.28	025.99	0
025	Iron (ppm)	2058	18.31	1.240	21.36	2.619	0.8651	22	-1.16	025.43	0
025	Iron (ppm)	0074	19.00	0.0000	21.36	2.619	0.8651	22	-0.90	025.41	0
025	Iron (ppm)	0164	19.00	0.0000	21.36	2.619	0.8651	22	-0.90	025.41	0
025	Iron (ppm)	0098	19.69	0.0100	21.36	2.619	0.8651	22	-0.64	025.41	0
025	Iron (ppm)	0051	20.00	0.0000	21.36	2.619	0.8651	22	-0.52	025.41	0
025	Iron (ppm)	0510	20.00	0.0000	21.36	2.619	0.8651	22	-0.52	025.43	0
025	Iron (ppm)	0098	20.14	1.030	21.36	2.619	0.8651	22	-0.47	025.43	0
025	Iron (ppm)	0027	20.29	1.197	21.36	2.619	0.8651	22	-0.41	025.43	0
025	Iron (ppm)	0171	20.41	0.8500	21.36	2.619	0.8651	22	-0.36	025.41	0
025	Iron (ppm)	2115	20.57	0.4000	21.36	2.619	0.8651	22	-0.30	025.31	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			
025	Iron (ppm)	2114	20.66	1.001	21.36	2.619	0.8651	22	-0.27	025.43	0
025	Iron (ppm)	0656	21.11	0.0000	21.36	2.619	0.8651	22	-0.09	025.31	0
025	Iron (ppm)	2124	21.50	1.000	21.36	2.619	0.8651	22	0.05	025.43	0
025	Iron (ppm)	2207	22.00	0.0000	21.36	2.619	0.8651	22	0.25	025.42	0
025	Iron (ppm)	0407	22.14	1.697	21.36	2.619	0.8651	22	0.30	025.43	0
025	Iron (ppm)	0553	22.15	0.7000	21.36	2.619	0.8651	22	0.30	025.53	0
025	Iron (ppm)	0407	23.76	1.157	21.36	2.619	0.8651	22	0.92	025.41	0
025	Iron (ppm)	0529	27.65	2.300	21.36	2.619	0.8651	22	2.40	025.31	0
025	Iron (ppm)	0047	28.35	0.3000	21.36	2.619	0.8651	22	2.67	025.52	0
025	Iron (ppm)	0870	29.81	1.380	21.36	2.619	0.8651	22	3.23	025.42	0
025	Iron (ppm)	0870	34.09	2.770	21.36	2.619	0.8651	22	4.86	025.43	0
025	Iron (ppm)	2089	115.6	27.79	21.36	2.619	0.8651	22	35.99	025.43	2
027	Magnesium (%)	2232	0.0855	0.0050	0.0949	0.0050	0.0033	31	-1.88	027.41	0
027	Magnesium (%)	2219	0.0885	0.0030	0.0949	0.0050	0.0033	31	-1.28	027.44	0
027	Magnesium (%)	0098	0.0894	0.0012	0.0949	0.0050	0.0033	31	-1.10	027.41	0
027	Magnesium (%)	2252	0.0900	0.0080	0.0949	0.0050	0.0033	31	-0.98	027.44	0
027	Magnesium (%)	0242	0.0900	0.0000	0.0949	0.0050	0.0033	31	-0.98	027.99	0
027	Magnesium (%)	0889	0.0900	0.0000	0.0949	0.0050	0.0033	31	-0.98	027.99	0
027	Magnesium (%)	0870	0.0902	0.0047	0.0949	0.0050	0.0033	31	-0.95	027.43	0
027	Magnesium (%)	2156	0.0915	0.0090	0.0949	0.0050	0.0033	31	-0.68	027.44	0
027	Magnesium (%)	2293	0.0925	0.0030	0.0949	0.0050	0.0033	31	-0.48	027.44	0
027	Magnesium (%)	1021	0.0930	0.0000	0.0949	0.0050	0.0033	31	-0.38	027.41	0
027	Magnesium (%)	0065	0.0934	0.0007	0.0949	0.0050	0.0033	31	-0.31	027.44	0
027	Magnesium (%)	0553	0.0935	0.0030	0.0949	0.0050	0.0033	31	-0.28	027.53	0
027	Magnesium (%)	0051	0.0939	0.0015	0.0949	0.0050	0.0033	31	-0.21	027.41	0
027	Magnesium (%)	1022	0.0940	0.0020	0.0949	0.0050	0.0033	31	-0.18	027.41	0
027	Magnesium (%)	1023	0.0940	0.0000	0.0949	0.0050	0.0033	31	-0.18	027.41	0
027	Magnesium (%)	1024	0.0940	0.0000	0.0949	0.0050	0.0033	31	-0.18	027.41	0
027	Magnesium (%)	2220	0.0940	0.0040	0.0949	0.0050	0.0033	31	-0.18	027.44	0
027	Magnesium (%)	0870	0.0942	0.0025	0.0949	0.0050	0.0033	31	-0.15	027.42	0
027	Magnesium (%)	0407	0.0945	0.0115	0.0949	0.0050	0.0033	31	-0.09	027.41	0
027	Magnesium (%)	0208	0.0945	0.0010	0.0949	0.0050	0.0033	31	-0.08	027.41	0
027	Magnesium (%)	0074	0.0960	0.0000	0.0949	0.0050	0.0033	31	0.22	027.41	0
027	Magnesium (%)	0164	0.0980	0.0000	0.0949	0.0050	0.0033	31	0.63	027.41	0
027	Magnesium (%)	0171	0.0980	0.0040	0.0949	0.0050	0.0033	31	0.63	027.41	0
027	Magnesium (%)	0504	0.0985	0.0090	0.0949	0.0050	0.0033	31	0.73	027.42	0
027	Magnesium (%)	0098	0.0992	0.0016	0.0949	0.0050	0.0033	31	0.87	027.43	0
027	Magnesium (%)	0510	0.1000	0.0000	0.0949	0.0050	0.0033	31	1.03	027.43	0
027	Magnesium (%)	2124	0.1000	0.0000	0.0949	0.0050	0.0033	31	1.03	027.43	0
027	Magnesium (%)	0202	0.1050	0.0100	0.0949	0.0050	0.0033	31	2.03	027.43	0
027	Magnesium (%)	0407	0.1074	0.0093	0.0949	0.0050	0.0033	31	2.50	027.43	0
027	Magnesium (%)	2089	0.1100	0.0000	0.0949	0.0050	0.0033	31	3.04	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 (%)	0042	0.1115	0.0090	0.0949	0.0050	0.0033	31	3.34	027.43	0
028	Manganese (ppm)	0529	0.1000	0.0000	4.087	0.3746	0.1508	22	-10.64	028.31	0
028	Manganese (ppm)	2115	3.625	0.0100	4.087	0.3746	0.1508	22	-1.23	028.31	0
028	Manganese (ppm)	2058	3.655	0.0500	4.087	0.3746	0.1508	22	-1.15	028.43	0
028	Manganese (ppm)	0164	3.800	0.0000	4.087	0.3746	0.1508	22	-0.77	028.41	0
028	Manganese (ppm)	0171	3.890	0.0200	4.087	0.3746	0.1508	22	-0.53	028.41	0
028	Manganese (ppm)	0870	3.922	0.1520	4.087	0.3746	0.1508	22	-0.44	028.42	0
028	Manganese (ppm)	0051	3.935	0.1300	4.087	0.3746	0.1508	22	-0.41	028.41	0
028	Manganese (ppm)	0098	3.960	0.0800	4.087	0.3746	0.1508	22	-0.34	028.43	0
028	Manganese (ppm)	2114	3.963	0.0300	4.087	0.3746	0.1508	22	-0.33	028.43	0
028	Manganese (ppm)	0098	3.985	0.0100	4.087	0.3746	0.1508	22	-0.27	028.41	0
028	Manganese (ppm)	0074	4.000	0.0000	4.087	0.3746	0.1508	22	-0.23	028.41	0
028	Manganese (ppm)	2207	4.000	0.0000	4.087	0.3746	0.1508	22	-0.23	028.42	0
028	Manganese (ppm)	0510	4.000	0.0000	4.087	0.3746	0.1508	22	-0.23	028.43	0
028	Manganese (ppm)	0242	4.000	0.0000	4.087	0.3746	0.1508	22	-0.23	028.99	0
028	Manganese (ppm)	2124	4.170	0.0200	4.087	0.3746	0.1508	22	0.22	028.43	0
028	Manganese (ppm)	0870	4.291	0.1570	4.087	0.3746	0.1508	22	0.54	028.43	0
028	Manganese (ppm)	0656	4.360	0.0000	4.087	0.3746	0.1508	22	0.73	028.31	0
028	Manganese (ppm)	0407	4.389	1.087	4.087	0.3746	0.1508	22	0.81	028.41	0
028	Manganese (ppm)	0407	4.500	0.0111	4.087	0.3746	0.1508	22	1.10	028.43	0
028	Manganese (ppm)	0042	4.970	1.220	4.087	0.3746	0.1508	22	2.36	028.43	0
028	Manganese (ppm)	0047	5.080	0.1200	4.087	0.3746	0.1508	22	2.65	028.52	0
028	Manganese (ppm)	2089	6.790	0.2200	4.087	0.3746	0.1508	22	7.22	028.43	0
028	Manganese (ppm)	0202	4.040	1.580	4.087	0.3746	0.1508	22	-0.13	028.43	1
031	Phosphorus (%)	0656	0.1100	0.0000	0.2573	0.0167	0.0085	42	-8.81	031.01	0
031	Phosphorus (%)	0889	0.2100	0.0000	0.2573	0.0167	0.0085	42	-2.83	031.99	0
031	Phosphorus (%)	0242	0.2350	0.0100	0.2573	0.0167	0.0085	42	-1.33	031.99	0
031	Phosphorus (%)	1021	0.2370	0.0080	0.2573	0.0167	0.0085	42	-1.21	031.41	0
031	Phosphorus (%)	2219	0.2400	0.0000	0.2573	0.0167	0.0085	42	-1.04	031.44	0
031	Phosphorus (%)	2252	0.2400	0.0200	0.2573	0.0167	0.0085	42	-1.04	031.44	0
031	Phosphorus (%)	0065	0.2417	0.0033	0.2573	0.0167	0.0085	42	-0.94	031.44	0
031	Phosphorus (%)	0407	0.2425	0.0144	0.2573	0.0167	0.0085	42	-0.89	031.41	0
031	Phosphorus (%)	2293	0.2450	0.0100	0.2573	0.0167	0.0085	42	-0.74	031.44	0
031	Phosphorus (%)	0051	0.2458	0.0021	0.2573	0.0167	0.0085	42	-0.69	031.41	0
031	Phosphorus (%)	0870	0.2467	0.0020	0.2573	0.0167	0.0085	42	-0.63	031.42	0
031	Phosphorus (%)	1024	0.2490	0.0060	0.2573	0.0167	0.0085	42	-0.50	031.41	0
031	Phosphorus (%)	1023	0.2495	0.0010	0.2573	0.0167	0.0085	42	-0.47	031.41	0
031	Phosphorus (%)	0529	0.2500	0.0000	0.2573	0.0167	0.0085	42	-0.44	031.01	0
031	Phosphorus (%)	2187	0.2500	0.0000	0.2573	0.0167	0.0085	42	-0.44	031.43	0
031	Phosphorus (%)	2156	0.2500	0.0200	0.2573	0.0167	0.0085	42	-0.44	031.44	0
031	Phosphorus (%)	2220	0.2500	0.0200	0.2573	0.0167	0.0085	42	-0.44	031.44	0
031	Phosphorus (%)	0870	0.2504	0.0135	0.2573	0.0167	0.0085	42	-0.42	031.43	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 (%)	1022	0.2510	0.0040	0.2573	0.0167	0.0085	42	-0.38	031.41	0
031	Phosphorus (%)	0001	0.2520	0.0120	0.2573	0.0167	0.0085	42	-0.32	031.43	0
031	Phosphorus (%)	2232	0.2530	0.0160	0.2573	0.0167	0.0085	42	-0.26	031.41	0
031	Phosphorus (%)	0171	0.2550	0.0100	0.2573	0.0167	0.0085	42	-0.14	031.41	0
031	Phosphorus (%)	0164	0.2570	0.0000	0.2573	0.0167	0.0085	42	-0.02	031.41	0
031	Phosphorus (%)	0001	0.2585	0.0090	0.2573	0.0167	0.0085	42	0.07	031.03	0
031	Phosphorus (%)	2124	0.2600	0.0000	0.2573	0.0167	0.0085	42	0.16	031.43	0
031	Phosphorus (%)	0098	0.2640	0.0096	0.2573	0.0167	0.0085	42	0.40	031.41	0
031	Phosphorus (%)	0208	0.2645	0.0170	0.2573	0.0167	0.0085	42	0.43	031.41	0
031	Phosphorus (%)	0047	0.2650	0.0100	0.2573	0.0167	0.0085	42	0.46	031.42	0
031	Phosphorus (%)	2207	0.2650	0.0100	0.2573	0.0167	0.0085	42	0.46	031.42	0
031	Phosphorus (%)	0042	0.2650	0.0200	0.2573	0.0167	0.0085	42	0.46	031.43	0
031	Phosphorus (%)	0208	0.2660	0.0060	0.2573	0.0167	0.0085	42	0.52	031.01	0
031	Phosphorus (%)	2115	0.2700	0.0000	0.2573	0.0167	0.0085	42	0.76	031.01	0
031	Phosphorus (%)	0074	0.2700	0.0020	0.2573	0.0167	0.0085	42	0.76	031.41	0
031	Phosphorus (%)	0202	0.2700	0.0200	0.2573	0.0167	0.0085	42	0.76	031.43	0
031	Phosphorus (%)	2058	0.2750	0.0100	0.2573	0.0167	0.0085	42	1.06	031.43	0
031	Phosphorus (%)	2089	0.2750	0.0100	0.2573	0.0167	0.0085	42	1.06	031.43	0
031	Phosphorus (%)	0676	0.2750	0.0100	0.2573	0.0167	0.0085	42	1.06	031.99	0
031	Phosphorus (%)	0098	0.2798	0.0075	0.2573	0.0167	0.0085	42	1.34	031.43	0
031	Phosphorus (%)	0553	0.2910	0.0180	0.2573	0.0167	0.0085	42	2.01	031.53	0
031	Phosphorus (%)	2114	0.2950	0.0020	0.2573	0.0167	0.0085	42	2.25	031.43	0
031	Phosphorus (%)	0510	0.3100	0.0000	0.2573	0.0167	0.0085	42	3.15	031.43	0
031	Phosphorus (%)	0407	0.3175	0.0245	0.2573	0.0167	0.0085	42	3.60	031.43	0
031	Phosphorus (%)	0504	0.2610	0.0400	0.2573	0.0167	0.0085	42	0.22	031.42	1
032	Potassium (%)	0047	0.2900	0.0000	0.3327	0.0184	0.0142	32	-2.32	032.42	0
032	Potassium (%)	2232	0.3090	0.0060	0.3327	0.0184	0.0142	32	-1.29	032.41	0
032	Potassium (%)	1021	0.3100	0.0120	0.3327	0.0184	0.0142	32	-1.23	032.41	0
032	Potassium (%)	1023	0.3170	0.0000	0.3327	0.0184	0.0142	32	-0.85	032.41	0
032	Potassium (%)	1024	0.3185	0.0050	0.3327	0.0184	0.0142	32	-0.77	032.41	0
032	Potassium (%)	1022	0.3195	0.0070	0.3327	0.0184	0.0142	32	-0.72	032.41	0
032	Potassium (%)	2219	0.3200	0.0000	0.3327	0.0184	0.0142	32	-0.69	032.44	0
032	Potassium (%)	2252	0.3200	0.0200	0.3327	0.0184	0.0142	32	-0.69	032.44	0
032	Potassium (%)	0553	0.3200	0.0020	0.3327	0.0184	0.0142	32	-0.69	032.53	0
032	Potassium (%)	0208	0.3205	0.0270	0.3327	0.0184	0.0142	32	-0.66	032.41	0
032	Potassium (%)	0407	0.3223	0.0429	0.3327	0.0184	0.0142	32	-0.57	032.41	0
032	Potassium (%)	0870	0.3248	0.0049	0.3327	0.0184	0.0142	32	-0.43	032.42	0
032	Potassium (%)	2156	0.3250	0.0300	0.3327	0.0184	0.0142	32	-0.42	032.44	0
032	Potassium (%)	0889	0.3250	0.0100	0.3327	0.0184	0.0142	32	-0.42	032.99	0
032	Potassium (%)	2220	0.3300	0.0000	0.3327	0.0184	0.0142	32	-0.15	032.44	0
032	Potassium (%)	2293	0.3300	0.0000	0.3327	0.0184	0.0142	32	-0.15	032.44	0
032	Potassium (%)	0242	0.3300	0.0200	0.3327	0.0184	0.0142	32	-0.15	032.99	0

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			Value	Range	Rob Mean	Robust SD	R-bar	# Tests			
032	Potassium (%)	0870	0.3308	0.0171	0.3327	0.0184	0.0142	32	-0.11	032.43	0
032	Potassium (%)	0065	0.3317	0.0033	0.3327	0.0184	0.0142	32	-0.06	032.44	0
032	Potassium (%)	0504	0.3350	0.0200	0.3327	0.0184	0.0142	32	0.12	032.42	0
032	Potassium (%)	0164	0.3380	0.0000	0.3327	0.0184	0.0142	32	0.29	032.41	0
032	Potassium (%)	2089	0.3400	0.0400	0.3327	0.0184	0.0142	32	0.40	032.43	0
032	Potassium (%)	2124	0.3400	0.0000	0.3327	0.0184	0.0142	32	0.40	032.43	0
032	Potassium (%)	0051	0.3413	0.0155	0.3327	0.0184	0.0142	32	0.46	032.41	0
032	Potassium (%)	0171	0.3420	0.0060	0.3327	0.0184	0.0142	32	0.50	032.41	0
032	Potassium (%)	0074	0.3450	0.0100	0.3327	0.0184	0.0142	32	0.67	032.41	0
032	Potassium (%)	0098	0.3550	0.0100	0.3327	0.0184	0.0142	32	1.21	032.41	0
032	Potassium (%)	0098	0.3650	0.0500	0.3327	0.0184	0.0142	32	1.75	032.43	0
032	Potassium (%)	0042	0.3655	0.0250	0.3327	0.0184	0.0142	32	1.78	032.43	0
032	Potassium (%)	0202	0.3700	0.0200	0.3327	0.0184	0.0142	32	2.02	032.43	0
032	Potassium (%)	0407	0.3929	0.0405	0.3327	0.0184	0.0142	32	3.26	032.43	0
032	Potassium (%)	0510	0.4050	0.0100	0.3327	0.0184	0.0142	32	3.92	032.43	0
033	Salt as chloride (%)	0510	0.0495	0.0000	0.0740	0.0141	0.0006	5		033.01	0
033	Salt as chloride (%)	0171	0.0755	0.0010	0.0740	0.0141	0.0006	5		033.05	0
033	Salt as chloride (%)	0098	0.0800	0.0000	0.0740	0.0141	0.0006	5		033.01	0
033	Salt as chloride (%)	0242	0.0800	0.0000	0.0740	0.0141	0.0006	5		033.01	0
033	Salt as chloride (%)	0407	0.0850	0.0020	0.0740	0.0141	0.0006	5		033.01	0
033	Salt as chloride (%)	0650	0.0850	0.0100	0.0740	0.0141	0.0006	5		033.01	1
033	Salt as chloride (%)	0309	< 0.1		0.0740	0.0141	0.0006	5		033.00	5
033	Salt as chloride (%)	0164	< 0.1		0.0740	0.0141	0.0006	5		033.01	5
034	Selenium (ppm)	0407	0.0100	0.0000				3		034.41	0
034	Selenium (ppm)	0553	0.0385	0.0010				3		034.53	0
034	Selenium (ppm)	0171	0.0415	0.0090				3		034.04	0
034	Selenium (ppm)	0407	0.9800	0.1400				3		034.43	2
034	Selenium (ppm)	0164	< 0.05					3		034.53	5
035	Sodium (%)	0407	0.0013	0.0006	0.0087	0.0064	0.0015	22	-1.16	035.43	0
035	Sodium (%)	0510	0.0015	0.0010	0.0087	0.0064	0.0015	22	-1.13	035.43	0
035	Sodium (%)	0098	0.0019	0.0001	0.0087	0.0064	0.0015	22	-1.07	035.41	0
035	Sodium (%)	0870	0.0021	0.0001	0.0087	0.0064	0.0015	22	-1.04	035.43	0
035	Sodium (%)	0870	0.0025	0.0001	0.0087	0.0064	0.0015	22	-0.98	035.42	0
035	Sodium (%)	2232	0.0045	0.0050	0.0087	0.0064	0.0015	22	-0.66	035.41	0
035	Sodium (%)	0407	0.0049	0.0012	0.0087	0.0064	0.0015	22	-0.60	035.41	0
035	Sodium (%)	0051	0.0053	0.0055	0.0087	0.0064	0.0015	22	-0.54	035.41	0
035	Sodium (%)	2156	0.0065	0.0070	0.0087	0.0064	0.0015	22	-0.35	035.41	0
035	Sodium (%)	2252	0.0065	0.0070	0.0087	0.0064	0.0015	22	-0.35	035.41	0
035	Sodium (%)	0171	0.0080	0.0040	0.0087	0.0064	0.0015	22	-0.12	035.41	0
035	Sodium (%)	2219	0.0100	0.0000	0.0087	0.0064	0.0015	22	0.20	035.41	0
035	Sodium (%)	2220	0.0100	0.0000	0.0087	0.0064	0.0015	22	0.20	035.41	0
035	Sodium (%)	2293	0.0100	0.0000	0.0087	0.0064	0.0015	22	0.20	035.41	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			
035	Sodium (%)	0202	0.0100	0.0000	0.0087	0.0064	0.0015	22	0.20	035.43	0
035	Sodium (%)	2089	0.0100	0.0000	0.0087	0.0064	0.0015	22	0.20	035.43	0
035	Sodium (%)	0065	0.0112	0.0003	0.0087	0.0064	0.0015	22	0.37	035.41	0
035	Sodium (%)	1021	0.0165	0.0010	0.0087	0.0064	0.0015	22	1.21	035.41	0
035	Sodium (%)	1022	0.0170	0.0000	0.0087	0.0064	0.0015	22	1.28	035.41	0
035	Sodium (%)	1024	0.0170	0.0000	0.0087	0.0064	0.0015	22	1.28	035.41	0
035	Sodium (%)	1023	0.0175	0.0010	0.0087	0.0064	0.0015	22	1.36	035.41	0
035	Sodium (%)	0889	0.0250	0.0000	0.0087	0.0064	0.0015	22	2.53	035.99	0
035	Sodium (%)	2124	0.0000	0.0000	0.0087	0.0064	0.0015	22		035.43	4
035	Sodium (%)	0098	< 0.0017		0.0087	0.0064	0.0015	22		035.43	5
035	Sodium (%)	0164	< 0.002		0.0087	0.0064	0.0015	22		035.41	5
035	Sodium (%)	0242	< 0.01		0.0087	0.0064	0.0015	22		035.99	5
036	Sulfur (%)	0889	0.0700	0.0000	0.0841	0.0095	0.0013	12	-1.49	036.99	0
036	Sulfur (%)	0870	0.0748	0.0002	0.0841	0.0095	0.0013	12	-0.98	036.42	0
036	Sulfur (%)	0870	0.0754	0.0013	0.0841	0.0095	0.0013	12	-0.93	036.43	0
036	Sulfur (%)	0164	0.0800	0.0000	0.0841	0.0095	0.0013	12	-0.44	036.42	0
036	Sulfur (%)	0171	0.0800	0.0000	0.0841	0.0095	0.0013	12	-0.44	036.42	0
036	Sulfur (%)	0553	0.0825	0.0030	0.0841	0.0095	0.0013	12	-0.17	036.53	0
036	Sulfur (%)	0407	0.0871	0.0031	0.0841	0.0095	0.0013	12	0.31	036.42	0
036	Sulfur (%)	0202	0.0900	0.0000	0.0841	0.0095	0.0013	12	0.62	036.43	0
036	Sulfur (%)	0510	0.0900	0.0000	0.0841	0.0095	0.0013	12	0.62	036.43	0
036	Sulfur (%)	0042	0.0905	0.0050	0.0841	0.0095	0.0013	12	0.67	036.43	0
036	Sulfur (%)	0098	0.0910	0.0027	0.0841	0.0095	0.0013	12	0.72	036.43	0
036	Sulfur (%)	2089	0.1100	0.0000	0.0841	0.0095	0.0013	12	2.73	036.43	0
036	Sulfur (%)	0407	0.0950	0.0178	0.0841	0.0095	0.0013	12	1.15	036.43	1
036	Sulfur (%)	0242	< 0.01		0.0841	0.0095	0.0013	12		036.99	5
037	Zinc (ppm)	0242	15.50	1.000	18.69	1.938	0.7994	26	-1.65	037.99	0
037	Zinc (ppm)	0074	16.50	3.000	18.69	1.938	0.7994	26	-1.13	037.41	0
037	Zinc (ppm)	2058	16.61	1.220	18.69	1.938	0.7994	26	-1.07	037.43	0
037	Zinc (ppm)	2207	17.00	0.0000	18.69	1.938	0.7994	26	-0.87	037.42	0
037	Zinc (ppm)	2124	17.00	0.0000	18.69	1.938	0.7994	26	-0.87	037.43	0
037	Zinc (ppm)	2114	17.22	0.6080	18.69	1.938	0.7994	26	-0.76	037.43	0
037	Zinc (ppm)	0010	17.35	1.100	18.69	1.938	0.7994	26	-0.69	037.33	0
037	Zinc (ppm)	0164	17.50	1.000	18.69	1.938	0.7994	26	-0.61	037.41	0
037	Zinc (ppm)	0098	17.68	0.4800	18.69	1.938	0.7994	26	-0.52	037.41	0
037	Zinc (ppm)	2115	17.73	0.4100	18.69	1.938	0.7994	26	-0.50	037.31	0
037	Zinc (ppm)	0051	17.75	1.550	18.69	1.938	0.7994	26	-0.49	037.41	0
037	Zinc (ppm)	0510	18.00	0.0000	18.69	1.938	0.7994	26	-0.36	037.43	0
037	Zinc (ppm)	0098	18.31	1.370	18.69	1.938	0.7994	26	-0.20	037.43	0
037	Zinc (ppm)	0202	18.60	2.000	18.69	1.938	0.7994	26	-0.05	037.43	0
037	Zinc (ppm)	0553	18.60	0.2000	18.69	1.938	0.7994	26	-0.05	037.53	0
037	Zinc (ppm)	0656	18.98	0.0000	18.69	1.938	0.7994	26	0.15	037.31	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 (ppm)	0889	19.39	0.4400	18.69	1.938	0.7994	26	0.36	037.99	0
037	Zinc (ppm)	0870	19.41	0.5700	18.69	1.938	0.7994	26	0.37	037.42	0
037	Zinc (ppm)	0870	19.66	1.120	18.69	1.938	0.7994	26	0.50	037.43	0
037	Zinc (ppm)	0171	20.00	0.2000	18.69	1.938	0.7994	26	0.68	037.41	0
037	Zinc (ppm)	0042	20.70	1.400	18.69	1.938	0.7994	26	1.04	037.43	0
037	Zinc (ppm)	0047	20.84	0.0900	18.69	1.938	0.7994	26	1.11	037.52	0
037	Zinc (ppm)	0407	20.86	0.5657	18.69	1.938	0.7994	26	1.12	037.43	0
037	Zinc (ppm)	2089	21.32	0.7500	18.69	1.938	0.7994	26	1.35	037.43	0
037	Zinc (ppm)	0529	21.75	0.7000	18.69	1.938	0.7994	26	1.58	037.31	0
037	Zinc (ppm)	0407	22.05	1.010	18.69	1.938	0.7994	26	1.73	037.41	0
037	Zinc (ppm)	0027	25.82	5.182	18.69	1.938	0.7994	26	3.68	037.43	1
038	Molybdenum (ppm)	0407	0.3726	0.0322	0.4230	0.0428	0.0349	5		038.41	0
038	Molybdenum (ppm)	0510	0.4000	0.0000	0.4230	0.0428	0.0349	5		038.43	0
038	Molybdenum (ppm)	0171	0.4115	0.0050	0.4230	0.0428	0.0349	5		038.41	0
038	Molybdenum (ppm)	0407	0.4493	0.0923	0.4230	0.0428	0.0349	5		038.43	0
038	Molybdenum (ppm)	0553	0.4815	0.0450	0.4230	0.0428	0.0349	5		038.53	0
041	Vanadium (ppm)	0553	0.0050	0.0000				1		041.53	0
101	Choline Chloride (ppm)	0227	793.0	12.00				1		101.02	0
102	Niacin (ppm)	2124	17.31	2.930				1		102.02	0
103	Pantothenic Acid (ppm)	2124	20.28	14.94				1		103.02	0
104	Riboflavin (ppm)	2124	0.1250	0.0300				1		104.03	0
105	Thiamine (ppm)	2124	10.86	7.070				1		105.00	0
106	Vitamin A (KU / kg)	0676	0.2300	0.0400				2		106.02	0
106	Vitamin A (KU / kg)	0227	0.5055	0.0030				2		106.02	0
109	Vitamin E (IU / kg)	0227	8.435	1.270				2		109.02	0
109	Vitamin E (IU / kg)	0676	10.17	0.8800				2		109.02	0
112	Pyridoxine (µg / g)	2124	79.49	72.68				1		112.01	0
120	Alanine (%)	0407	0.4605	0.0270	0.4966	0.0211	0.0088	5		120.05	0
120	Alanine (%)	0676	0.4950	0.0100	0.4966	0.0211	0.0088	5		120.05	0
120	Alanine (%)	0870	0.5073	0.0072	0.4966	0.0211	0.0088	5		120.00	0
120	Alanine (%)	0504	0.5100	0.0000	0.4966	0.0211	0.0088	5		120.00	0
120	Alanine (%)	0227	0.5100	0.0000	0.4966	0.0211	0.0088	5		120.99	0
121	Arginine (%)	0504	0.3150	0.0100	0.3260	0.0105	0.0085	4		121.00	0
121	Arginine (%)	0870	0.3192	0.0039	0.3260	0.0105	0.0085	4		121.00	0
121	Arginine (%)	0676	0.3350	0.0100	0.3260	0.0105	0.0085	4		121.05	0
121	Arginine (%)	0227	0.3350	0.0100	0.3260	0.0105	0.0085	4		121.99	0
121	Arginine (%)	0407	0.0025	0.0010	0.3260	0.0105	0.0085	4		121.05	2
122	Aspartic (%)	0407	0.4140	0.0220	0.4662	0.0311	0.0088	5		122.05	0
122	Aspartic (%)	0870	0.4671	0.0019	0.4662	0.0311	0.0088	5		122.00	0
122	Aspartic (%)	0504	0.4700	0.0000	0.4662	0.0311	0.0088	5		122.00	0
122	Aspartic (%)	0676	0.4900	0.0000	0.4662	0.0311	0.0088	5		122.05	0
122	Aspartic (%)	0227	0.4900	0.0200	0.4662	0.0311	0.0088	5		122.99	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			
124	Cysteine/Cystine (%)	0870	0.0956	0.0040	0.1621	0.0578	0.0086	5		124.00	0
124	Cysteine/Cystine (%)	0227	0.1450	0.0100	0.1621	0.0578	0.0086	5		124.00	0
124	Cysteine/Cystine (%)	0676	0.1550	0.0100	0.1621	0.0578	0.0086	5		124.05	0
124	Cysteine/Cystine (%)	0504	0.1600	0.0000	0.1621	0.0578	0.0086	5		124.00	0
124	Cysteine/Cystine (%)	0407	0.2549	0.0188	0.1621	0.0578	0.0086	5		124.05	0
125	Glutamic (%)	0407	1.111	0.0690	1.240	0.0757	0.0411	5		125.05	0
125	Glutamic (%)	0227	1.235	0.0100	1.240	0.0757	0.0411	5		125.99	0
125	Glutamic (%)	0504	1.280	0.0000	1.240	0.0757	0.0411	5		125.00	0
125	Glutamic (%)	0870	1.285	0.0063	1.240	0.0757	0.0411	5		125.00	0
125	Glutamic (%)	0676	1.290	0.1200	1.240	0.0757	0.0411	5		125.05	0
126	Glycine (%)	0676	0.2550	0.0100	0.2735	0.0145	0.0077	4		126.05	0
126	Glycine (%)	0870	0.2691	0.0006	0.2735	0.0145	0.0077	4		126.00	0
126	Glycine (%)	0504	0.2850	0.0100	0.2735	0.0145	0.0077	4		126.00	0
126	Glycine (%)	0227	0.2850	0.0100	0.2735	0.0145	0.0077	4		126.99	0
126	Glycine (%)	0407	0.4080	0.0280	0.2735	0.0145	0.0077	4		126.05	2
127	Histidine (%)	0870	0.1577	0.0001	0.1822	0.0226	0.0062	5		127.00	0
127	Histidine (%)	0407	0.1635	0.0110	0.1822	0.0226	0.0062	5		127.05	0
127	Histidine (%)	0676	0.1800	0.0000	0.1822	0.0226	0.0062	5		127.05	0
127	Histidine (%)	0504	0.2000	0.0000	0.1822	0.0226	0.0062	5		127.00	0
127	Histidine (%)	0227	0.2100	0.0200	0.1822	0.0226	0.0062	5		127.99	0
128	Isoleucine (%)	0407	0.1635	0.0070	0.2322	0.0457	0.0059	5		128.05	0
128	Isoleucine (%)	0676	0.2250	0.0100	0.2322	0.0457	0.0059	5		128.05	0
128	Isoleucine (%)	0227	0.2300	0.0000	0.2322	0.0457	0.0059	5		128.99	0
128	Isoleucine (%)	0504	0.2550	0.0100	0.2322	0.0457	0.0059	5		128.00	0
128	Isoleucine (%)	0870	0.2875	0.0025	0.2322	0.0457	0.0059	5		128.00	0
129	Leucine (%)	0407	0.7215	0.0370	0.7881	0.0420	0.0155	5		129.05	0
129	Leucine (%)	0676	0.7800	0.0200	0.7881	0.0420	0.0155	5		129.05	0
129	Leucine (%)	0227	0.8000	0.0000	0.7881	0.0420	0.0155	5		129.99	0
129	Leucine (%)	0504	0.8050	0.0100	0.7881	0.0420	0.0155	5		129.00	0
129	Leucine (%)	0870	0.8342	0.0106	0.7881	0.0420	0.0155	5		129.00	0
130	L-Lysine (%)	0407	0.0205	0.0010	0.2062	0.0434	0.0022	6	-4.28	130.05	0
130	L-Lysine (%)	0870	0.1811	0.0019	0.2062	0.0434	0.0022	6	-0.58	130.00	0
130	L-Lysine (%)	0656	0.2200	0.0000	0.2062	0.0434	0.0022	6	0.32	130.03	0
130	L-Lysine (%)	0676	0.2200	0.0000	0.2062	0.0434	0.0022	6	0.32	130.05	0
130	L-Lysine (%)	0504	0.2300	0.0000	0.2062	0.0434	0.0022	6	0.55	130.00	0
130	L-Lysine (%)	0227	0.2450	0.0100	0.2062	0.0434	0.0022	6	0.89	130.99	0
130	L-Lysine (%)	2115	0.2500	0.0240	0.2062	0.0434	0.0022	6	1.01	130.00	1
131	Methionine (%)	0870	0.1219	0.0044	0.1403	0.0108	0.0067	5		131.00	0
131	Methionine (%)	0504	0.1400	0.0000	0.1403	0.0108	0.0067	5		131.00	0
131	Methionine (%)	0227	0.1450	0.0100	0.1403	0.0108	0.0067	5		131.00	0
131	Methionine (%)	0676	0.1450	0.0100	0.1403	0.0108	0.0067	5		131.05	0
131	Methionine (%)	0407	0.1494	0.0090	0.1403	0.0108	0.0067	5		131.05	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			
132	Phenylalanine (%)	0407	0.3090	0.0180	0.3331	0.0287	0.0101	5	132.05	0	
132	Phenylalanine (%)	0870	0.3163	0.0123	0.3331	0.0287	0.0101	5	132.00	0	
132	Phenylalanine (%)	0227	0.3200	0.0000	0.3331	0.0287	0.0101	5	132.99	0	
132	Phenylalanine (%)	0504	0.3400	0.0000	0.3331	0.0287	0.0101	5	132.00	0	
132	Phenylalanine (%)	0676	0.3800	0.0200	0.3331	0.0287	0.0101	5	132.05	0	
133	Proline (%)	0870	0.5649	0.0140	0.5977	0.0307	0.0166	5	133.00	0	
133	Proline (%)	0407	0.5735	0.0290	0.5977	0.0307	0.0166	5	133.05	0	
133	Proline (%)	0676	0.5950	0.0100	0.5977	0.0307	0.0166	5	133.05	0	
133	Proline (%)	0504	0.6150	0.0100	0.5977	0.0307	0.0166	5	133.00	0	
133	Proline (%)	0227	0.6400	0.0200	0.5977	0.0307	0.0166	5	133.99	0	
134	Serine (%)	0504	0.3200	0.0000	0.3288	0.0087	0.0089	5	134.00	0	
134	Serine (%)	0676	0.3200	0.0200	0.3288	0.0087	0.0089	5	134.05	0	
134	Serine (%)	0407	0.3310	0.0220	0.3288	0.0087	0.0089	5	134.05	0	
134	Serine (%)	0870	0.3330	0.0023	0.3288	0.0087	0.0089	5	134.00	0	
134	Serine (%)	0227	0.3400	0.0000	0.3288	0.0087	0.0089	5	134.99	0	
135	Threonine (%)	0870	0.2421	0.0013	0.2493	0.0054	0.0028	4	135.00	0	
135	Threonine (%)	0504	0.2500	0.0000	0.2493	0.0054	0.0028	4	135.00	0	
135	Threonine (%)	0676	0.2500	0.0000	0.2493	0.0054	0.0028	4	135.05	0	
135	Threonine (%)	0227	0.2550	0.0100	0.2493	0.0054	0.0028	4	135.99	0	
135	Threonine (%)	0407	0.2065	0.0150	0.2493	0.0054	0.0028	4	135.05	2	
136	Tryptophan (%)	0407	0.0450	0.0020	0.0622	0.0139	0.0039	4	136.05	0	
136	Tryptophan (%)	0227	0.0600	0.0000	0.0622	0.0139	0.0039	4	136.00	0	
136	Tryptophan (%)	0504	0.0650	0.0100	0.0622	0.0139	0.0039	4	136.99	0	
136	Tryptophan (%)	0870	0.0787	0.0037	0.0622	0.0139	0.0039	4	136.00	0	
137	Tyrosine (%)	0504	0.1850	0.0500	0.2371	0.0492	0.0176	4	137.00	0	
137	Tyrosine (%)	0227	0.2100	0.0000	0.2371	0.0492	0.0176	4	137.99	0	
137	Tyrosine (%)	0870	0.2586	0.0105	0.2371	0.0492	0.0176	4	137.00	0	
137	Tyrosine (%)	0676	0.2950	0.0100	0.2371	0.0492	0.0176	4	137.05	0	
137	Tyrosine (%)	0407	0.6265	0.0410	0.2371	0.0492	0.0176	4	137.05	2	
138	Valine (%)	0870	0.3259	0.0002	0.3377	0.0092	0.0076	4	138.00	0	
138	Valine (%)	0504	0.3350	0.0100	0.3377	0.0092	0.0076	4	138.00	0	
138	Valine (%)	0676	0.3450	0.0100	0.3377	0.0092	0.0076	4	138.05	0	
138	Valine (%)	0227	0.3450	0.0100	0.3377	0.0092	0.0076	4	138.99	0	
138	Valine (%)	0407	0.2725	0.0210	0.3377	0.0092	0.0076	4	138.05	2	
139	Taurine (%)	0407	0.1275	0.0130				2	139.05	0	
139	Taurine (%)	0504	0.1650	0.0500				2	139.00	0	
400	Water Activity (Units)	2303	0.5633	0.0016				2	400.01	0	
400	Water Activity (Units)	0407	0.5708	0.0009				2	400.01	0	
516	Arsenic, Total (ppm)	0407	0.5680	0.0580				1	516.43	0	
516	Arsenic, Total (ppm)	0227	< 0.01					1	516.53	5	
516	Arsenic, Total (ppm)	2124	< 0.89					1	516.43	5	
518	Cadmium (ppm)	0407	0.0033	0.0007				3	518.43	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			
518	Cadmium (ppm)	0171	0.0040	0.0000				3	518.41	0	
518	Cadmium (ppm)	0407	0.0051	0.0067				3	518.41	0	
518	Cadmium (ppm)	0227	< 0.01					3	518.53	5	
518	Cadmium (ppm)	2124	< 0.16					3	518.43	5	
520	Chromium (ppm)	0407	0.0968	0.0123	0.1252	0.0294	0.0127	5	520.41	0	
520	Chromium (ppm)	0510	0.1050	0.0100	0.1252	0.0294	0.0127	5	520.43	0	
520	Chromium (ppm)	0171	0.1235	0.0070	0.1252	0.0294	0.0127	5	520.41	0	
520	Chromium (ppm)	0553	0.1285	0.0030	0.1252	0.0294	0.0127	5	520.53	0	
520	Chromium (ppm)	0407	0.1724	0.0310	0.1252	0.0294	0.0127	5	520.43	0	
526	Lead (ppm)	0407	0.0059	0.0034				3	526.43	0	
526	Lead (ppm)	0553	0.0065	0.0010				3	526.53	0	
526	Lead (ppm)	0171	0.0135	0.0030				3	526.41	0	
526	Lead (ppm)	0407	0.1186	0.0062				3	526.41	2	
526	Lead (ppm)	0227	< 0.01					3	526.53	5	
539	Nickel (ppm)	0171	0.2450	0.0020	0.3001	0.0679	0.0235	4	539.41	0	
539	Nickel (ppm)	0407	0.2458	0.0048	0.3001	0.0679	0.0235	4	539.41	0	
539	Nickel (ppm)	0553	0.3240	0.0500	0.3001	0.0679	0.0235	4	539.53	0	
539	Nickel (ppm)	0407	0.3854	0.0370	0.3001	0.0679	0.0235	4	539.43	0	
710	Lauric Acid (12:0) (% (w/w))	2124	< 0.01					0	710.99	5	
714	Myristic Acid (14:0) (% (w/w))	2124	< 0.01					0	714.99	5	
716	Palmitic Acid (16:0) (% (w/w))	2124	0.4250	0.0300				1	716.99	0	
718	Palmitoleic Acid (9c-16:1) (% (w/w))	2124	< 0.01					0	718.99	5	
722	Stearic Acid (18:0) (% (w/w))	2124	0.0600	0.0000				1	722.99	0	
724	Oleic Acid (9c-18:1) (% (w/w))	2124	0.9700	0.0600				1	724.99	0	
726	Linoleic Acid (9c,12c-18:2) (% (w/w))	2124	1.980	0.1400				1	726.99	0	
728	alpha-Linolenic Acid (9c,12c,15c-18:3) (% (w/w))	2124	0.0500	0.0000				1	728.99	0	
740	Eicosapentaenoic Acid EPA (5c,8c,11c,14c,17c) (% (w/w))	2124	< 0.01					0	740.99	5	
750	Docosahexaenoic Acid DHA (4c,7c,10c,13c,16c,19c,22c) (% (w/w))	2124	< 0.01					0	750.99	5	
754	Total n-3 Polyunsaturated (Omega-3) Fatty Acids (% (w/w))	2124	0.0500	0.0000				1	754.99	0	
756	Total n-6 Polyunsaturated (Omega-6) Fatty Acids (% (w/w))	2124	1.980	0.1400				1	756.99	0	
772	Total Fatty Acids (% (w/w))	2124	3.505	0.2300				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.