



Meat and Bone Meal

Pet Food Scheme

Labs Reporting: 53

Test Material Code # 201743

Analyte Proficiency Testing Report

Issue Date : 10/31/2017

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 (%)	0034	4.3000	0.08000	5.1471	0.42922	0.08408	17	-1.97	001.00	0
001	Loss on Drying (%)	2136	4.5500	0.30000	5.1471	0.42922	0.08408	17	-1.39	001.99	0
001	Loss on Drying (%)	0510	4.7000	0.00000	5.1471	0.42922	0.08408	17	-1.04	001.99	0
001	Loss on Drying (%)	0065	4.7750	0.07000	5.1471	0.42922	0.08408	17	-0.87	001.07	0
001	Loss on Drying (%)	0407	4.9900	0.00500	5.1471	0.42922	0.08408	17	-0.37	001.07	0
001	Loss on Drying (%)	2115	5.0086	0.05130	5.1471	0.42922	0.08408	17	-0.32	001.07	0
001	Loss on Drying (%)	0098	5.0400	0.16000	5.1471	0.42922	0.08408	17	-0.25	001.07	0
001	Loss on Drying (%)	0171	5.1350	0.01000	5.1471	0.42922	0.08408	17	-0.03	001.07	0
001	Loss on Drying (%)	2165	5.1800	0.08000	5.1471	0.42922	0.08408	17	0.08	001.08	0
001	Loss on Drying (%)	2124	5.1900	0.04000	5.1471	0.42922	0.08408	17	0.10	001.03	0
001	Loss on Drying (%)	0003	5.2200	0.06000	5.1471	0.42922	0.08408	17	0.17	001.07	0
001	Loss on Drying (%)	0676	5.3400	0.00000	5.1471	0.42922	0.08408	17	0.45	001.99	0
001	Loss on Drying (%)	0309	5.3650	0.05000	5.1471	0.42922	0.08408	17	0.51	001.00	0
001	Loss on Drying (%)	0074	5.3950	0.27000	5.1471	0.42922	0.08408	17	0.58	001.07	0
001	Loss on Drying (%)	0027	5.5265	0.05300	5.1471	0.42922	0.08408	17	0.88	001.00	0
001	Loss on Drying (%)	2167	5.8000	0.02000	5.1471	0.42922	0.08408	17	1.52	001.00	0
001	Loss on Drying (%)	0529	5.8400	0.18000	5.1471	0.42922	0.08408	17	1.61	001.07	0
001	Loss on Drying (%)	0504	4.7750	0.51000	5.1471	0.42922	0.08408	17	-0.87	001.00	1
002	Protein (%)	0510	49.300	0.20000	50.814	0.66331	0.48266	54	-2.28	002.06	0
002	Protein (%)	0164	49.540	0.18000	50.814	0.66331	0.48266	54	-1.92	002.01	0
002	Protein (%)	0529	49.620	0.98000	50.814	0.66331	0.48266	54	-1.80	002.06	0
002	Protein (%)	2016	49.840	1.2600	50.814	0.66331	0.48266	54	-1.47	002.06	0
002	Protein (%)	0065	49.966	0.39600	50.814	0.66331	0.48266	54	-1.28	002.06	0
002	Protein (%)	0034	50.068	0.15000	50.814	0.66331	0.48266	54	-1.12	002.06	0
002	Protein (%)	0042	50.070	0.16000	50.814	0.66331	0.48266	54	-1.12	002.02	0
002	Protein (%)	0676	50.155	1.6900	50.814	0.66331	0.48266	54	-0.99	002.06	0
002	Protein (%)	0202	50.156	1.2800	50.814	0.66331	0.48266	54	-0.99	002.06	0
002	Protein (%)	0554	50.195	0.37000	50.814	0.66331	0.48266	54	-0.93	002.06	0
002	Protein (%)	0650	50.265	0.79000	50.814	0.66331	0.48266	54	-0.83	002.06	0
002	Protein (%)	2168	50.265	0.03000	50.814	0.66331	0.48266	54	-0.83	002.06	0
002	Protein (%)	0417	50.350	0.24000	50.814	0.66331	0.48266	54	-0.70	002.06	0
002	Protein (%)	0042	50.355	0.33000	50.814	0.66331	0.48266	54	-0.69	002.06	0
002	Protein (%)	2058	50.360	0.02000	50.814	0.66331	0.48266	54	-0.68	002.05	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	
002	Protein (%)	2050	50.425	0.01000	50.814	0.66331	0.48266	54	-0.59	002.06	0
002	Protein (%)	2023	50.485	0.21000	50.814	0.66331	0.48266	54	-0.50	002.01	0
002	Protein (%)	0051	50.500	0.60000	50.814	0.66331	0.48266	54	-0.47	002.06	0
002	Protein (%)	0870	50.517	0.77620	50.814	0.66331	0.48266	54	-0.45	002.06	0
002	Protein (%)	0098	50.535	0.87000	50.814	0.66331	0.48266	54	-0.42	002.08	0
002	Protein (%)	2122	50.560	0.00000	50.814	0.66331	0.48266	54	-0.38	002.04	0
002	Protein (%)	2050	50.660	0.00000	50.814	0.66331	0.48266	54	-0.23	002.11	0
002	Protein (%)	0098	50.700	1.8000	50.814	0.66331	0.48266	54	-0.17	002.06	0
002	Protein (%)	2167	50.710	0.04000	50.814	0.66331	0.48266	54	-0.16	002.05	0
002	Protein (%)	0880	50.779	0.62500	50.814	0.66331	0.48266	54	-0.05	002.06	0
002	Protein (%)	0504	50.825	0.51000	50.814	0.66331	0.48266	54	0.02	002.04	0
002	Protein (%)	2058	50.830	0.02000	50.814	0.66331	0.48266	54	0.02	002.06	0
002	Protein (%)	2136	50.850	0.10000	50.814	0.66331	0.48266	54	0.05	002.05	0
002	Protein (%)	0870	50.879	0.47300	50.814	0.66331	0.48266	54	0.10	002.01	0
002	Protein (%)	2165	50.880	1.9200	50.814	0.66331	0.48266	54	0.10	002.06	0
002	Protein (%)	0171	50.890	0.54000	50.814	0.66331	0.48266	54	0.11	002.06	0
002	Protein (%)	2089	50.905	1.5500	50.814	0.66331	0.48266	54	0.14	002.06	0
002	Protein (%)	2162	50.910	0.90000	50.814	0.66331	0.48266	54	0.14	002.06	0
002	Protein (%)	0047	51.000	0.20000	50.814	0.66331	0.48266	54	0.28	002.06	0
002	Protein (%)	0026	51.068	0.04400	50.814	0.66331	0.48266	54	0.38	002.06	0
002	Protein (%)	0164	51.070	0.06000	50.814	0.66331	0.48266	54	0.39	002.06	0
002	Protein (%)	2095	51.105	0.55000	50.814	0.66331	0.48266	54	0.44	002.06	0
002	Protein (%)	0876	51.120	0.24000	50.814	0.66331	0.48266	54	0.46	002.06	0
002	Protein (%)	0242	51.160	1.0200	50.814	0.66331	0.48266	54	0.52	002.06	0
002	Protein (%)	0027	51.180	0.12000	50.814	0.66331	0.48266	54	0.55	002.06	0
002	Protein (%)	2124	51.225	0.21000	50.814	0.66331	0.48266	54	0.62	002.06	0
002	Protein (%)	0309	51.241	0.49950	50.814	0.66331	0.48266	54	0.64	002.06	0
002	Protein (%)	0504	51.255	0.29000	50.814	0.66331	0.48266	54	0.66	002.06	0
002	Protein (%)	0074	51.280	0.08000	50.814	0.66331	0.48266	54	0.70	002.06	0
002	Protein (%)	2169	51.487	1.2680	50.814	0.66331	0.48266	54	1.01	002.06	0
002	Protein (%)	0511	51.505	0.01000	50.814	0.66331	0.48266	54	1.04	002.06	0
002	Protein (%)	2115	51.610	0.41420	50.814	0.66331	0.48266	54	1.20	002.05	0
002	Protein (%)	0957	51.630	0.44000	50.814	0.66331	0.48266	54	1.23	002.06	0
002	Protein (%)	0407	51.645	0.43300	50.814	0.66331	0.48266	54	1.25	002.06	0
002	Protein (%)	0001	51.845	0.15000	50.814	0.66331	0.48266	54	1.55	002.06	0
002	Protein (%)	0964	52.063	0.28500	50.814	0.66331	0.48266	54	1.88	002.06	0
002	Protein (%)	0208	52.300	0.40000	50.814	0.66331	0.48266	54	2.24	002.06	0
002	Protein (%)	2004	52.400	0.20000	50.814	0.66331	0.48266	54	2.39	002.99	0
002	Protein (%)	2023	53.125	0.13000	50.814	0.66331	0.48266	54	3.48	002.06	0
002	Protein (%)	0003	50.345	2.4100	50.814	0.66331	0.48266	54	-0.71	002.06	1
002	Protein (%)	0808	5.8850	0.01000	50.814	0.66331	0.48266	54	-67.74	002.06	2

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	
003	Fat (%)	0880	6.8000	0.20000	9.3597	0.37115	0.14987	32	-6.90	003.99	0
003	Fat (%)	2115	8.6183	0.02070	9.3597	0.37115	0.14987	32	-2.00	003.14	0
003	Fat (%)	0051	8.8500	0.10000	9.3597	0.37115	0.14987	32	-1.37	003.10	0
003	Fat (%)	2050	8.8600	0.00000	9.3597	0.37115	0.14987	32	-1.35	003.11	0
003	Fat (%)	2115	8.8751	0.05940	9.3597	0.37115	0.14987	32	-1.31	003.00	0
003	Fat (%)	0202	9.0830	0.03400	9.3597	0.37115	0.14987	32	-0.75	003.14	0
003	Fat (%)	0164	9.1050	0.25000	9.3597	0.37115	0.14987	32	-0.69	003.06	0
003	Fat (%)	0554	9.1300	0.26000	9.3597	0.37115	0.14987	32	-0.62	003.01	0
003	Fat (%)	0529	9.1600	0.26000	9.3597	0.37115	0.14987	32	-0.54	003.14	0
003	Fat (%)	0171	9.2050	0.11000	9.3597	0.37115	0.14987	32	-0.42	003.12	0
003	Fat (%)	0242	9.2400	0.06000	9.3597	0.37115	0.14987	32	-0.32	003.10	0
003	Fat (%)	0098	9.2450	0.01000	9.3597	0.37115	0.14987	32	-0.31	003.13	0
003	Fat (%)	0027	9.3325	0.17700	9.3597	0.37115	0.14987	32	-0.07	003.09	0
003	Fat (%)	2167	9.3350	0.13000	9.3597	0.37115	0.14987	32	-0.07	003.10	0
003	Fat (%)	0309	9.3509	0.26410	9.3597	0.37115	0.14987	32	-0.02	003.00	0
003	Fat (%)	0098	9.3550	0.27000	9.3597	0.37115	0.14987	32	-0.01	003.09	0
003	Fat (%)	0098	9.3550	0.21000	9.3597	0.37115	0.14987	32	-0.01	003.10	0
003	Fat (%)	0511	9.4000	0.42000	9.3597	0.37115	0.14987	32	0.11	003.06	0
003	Fat (%)	0034	9.4050	0.23000	9.3597	0.37115	0.14987	32	0.12	003.14	0
003	Fat (%)	0876	9.4250	0.11000	9.3597	0.37115	0.14987	32	0.18	003.14	0
003	Fat (%)	0026	9.4800	0.14000	9.3597	0.37115	0.14987	32	0.32	003.00	0
003	Fat (%)	0676	9.4800	0.02000	9.3597	0.37115	0.14987	32	0.32	003.10	0
003	Fat (%)	2162	9.4800	0.22000	9.3597	0.37115	0.14987	32	0.32	003.10	0
003	Fat (%)	0870	9.4853	0.25980	9.3597	0.37115	0.14987	32	0.34	003.10	0
003	Fat (%)	2165	9.5400	0.02000	9.3597	0.37115	0.14987	32	0.49	003.10	0
003	Fat (%)	0407	9.6209	0.26070	9.3597	0.37115	0.14987	32	0.70	003.14	0
003	Fat (%)	0047	9.6850	0.01000	9.3597	0.37115	0.14987	32	0.88	003.99	0
003	Fat (%)	0003	9.7550	0.43000	9.3597	0.37115	0.14987	32	1.07	003.14	0
003	Fat (%)	0504	10.035	0.03000	9.3597	0.37115	0.14987	32	1.82	003.01	0
003	Fat (%)	2089	10.065	0.13000	9.3597	0.37115	0.14987	32	1.90	003.10	0
003	Fat (%)	2136	10.450	0.10000	9.3597	0.37115	0.14987	32	2.94	003.99	0
003	Fat (%)	2122	10.660	0.00000	9.3597	0.37115	0.14987	32	3.50	003.99	0
004	Fiber (%)	2165	1.0550	0.29000	1.9391	0.61131	0.19151	29	-1.45	004.00	0
004	Fiber (%)	2115	1.3050	0.07000	1.9391	0.61131	0.19151	29	-1.04	004.07	0
004	Fiber (%)	2115	1.3484	0.13090	1.9391	0.61131	0.19151	29	-0.97	004.06	0
004	Fiber (%)	2023	1.3850	0.17000	1.9391	0.61131	0.19151	29	-0.91	004.00	0
004	Fiber (%)	2004	1.4200	0.00000	1.9391	0.61131	0.19151	29	-0.85	004.00	0
004	Fiber (%)	0511	1.4500	0.30000	1.9391	0.61131	0.19151	29	-0.80	004.00	0
004	Fiber (%)	2089	1.5700	0.18000	1.9391	0.61131	0.19151	29	-0.60	004.03	0
004	Fiber (%)	0242	1.5850	0.19000	1.9391	0.61131	0.19151	29	-0.58	004.07	0
004	Fiber (%)	2167	1.6200	0.06000	1.9391	0.61131	0.19151	29	-0.52	004.00	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	
004	Fiber (%)	0529	1.6200	0.18000	1.9391	0.61131	0.19151	29	-0.52	004.07	0
004	Fiber (%)	0407	1.6572	0.13030	1.9391	0.61131	0.19151	29	-0.46	004.07	0
004	Fiber (%)	0208	1.7550	0.03000	1.9391	0.61131	0.19151	29	-0.30	004.00	0
004	Fiber (%)	2058	1.7550	0.03000	1.9391	0.61131	0.19151	29	-0.30	004.03	0
004	Fiber (%)	0676	1.7600	0.12000	1.9391	0.61131	0.19151	29	-0.29	004.06	0
004	Fiber (%)	0309	1.7624	0.03260	1.9391	0.61131	0.19151	29	-0.29	004.00	0
004	Fiber (%)	0027	1.7865	0.28900	1.9391	0.61131	0.19151	29	-0.25	004.06	0
004	Fiber (%)	0164	1.8000	0.20000	1.9391	0.61131	0.19151	29	-0.23	004.00	0
004	Fiber (%)	0171	1.8100	0.08000	1.9391	0.61131	0.19151	29	-0.21	004.00	0
004	Fiber (%)	0510	1.8500	0.10000	1.9391	0.61131	0.19151	29	-0.15	004.07	0
004	Fiber (%)	0026	2.1000	0.20000	1.9391	0.61131	0.19151	29	0.26	004.07	0
004	Fiber (%)	0003	2.1900	0.36000	1.9391	0.61131	0.19151	29	0.41	004.07	0
004	Fiber (%)	0042	2.3050	0.49000	1.9391	0.61131	0.19151	29	0.60	004.07	0
004	Fiber (%)	0876	2.6300	0.10000	1.9391	0.61131	0.19151	29	1.13	004.07	0
004	Fiber (%)	0870	2.6509	0.05500	1.9391	0.61131	0.19151	29	1.16	004.07	0
004	Fiber (%)	0074	2.6800	0.32000	1.9391	0.61131	0.19151	29	1.21	004.07	0
004	Fiber (%)	0034	2.8150	0.51000	1.9391	0.61131	0.19151	29	1.43	004.07	0
004	Fiber (%)	0504	3.2750	0.41000	1.9391	0.61131	0.19151	29	2.19	004.00	0
004	Fiber (%)	2124	3.8400	0.08000	1.9391	0.61131	0.19151	29	3.11	004.07	0
004	Fiber (%)	0202	6.2170	0.44600	1.9391	0.61131	0.19151	29	7.00	004.07	0
005	Ash (%)	2050	29.060	0.00000	32.390	0.45023	0.34160	42	-7.40	005.11	0
005	Ash (%)	0027	31.794	0.01500	32.390	0.45023	0.34160	42	-1.33	005.00	0
005	Ash (%)	0808	31.805	0.07000	32.390	0.45023	0.34160	42	-1.30	005.00	0
005	Ash (%)	0529	31.830	0.02000	32.390	0.45023	0.34160	42	-1.24	005.00	0
005	Ash (%)	0407	31.889	0.33060	32.390	0.45023	0.34160	42	-1.11	005.00	0
005	Ash (%)	0098	31.905	0.65000	32.390	0.45023	0.34160	42	-1.08	005.00	0
005	Ash (%)	2050	31.950	1.0000	32.390	0.45023	0.34160	42	-0.98	005.05	0
005	Ash (%)	2016	31.955	0.45000	32.390	0.45023	0.34160	42	-0.97	005.00	0
005	Ash (%)	0957	31.980	0.24000	32.390	0.45023	0.34160	42	-0.91	005.00	0
005	Ash (%)	0964	31.994	0.06600	32.390	0.45023	0.34160	42	-0.88	005.00	0
005	Ash (%)	0650	32.000	0.80000	32.390	0.45023	0.34160	42	-0.87	005.00	0
005	Ash (%)	2169	32.133	0.32600	32.390	0.45023	0.34160	42	-0.57	005.99	0
005	Ash (%)	0511	32.145	0.73000	32.390	0.45023	0.34160	42	-0.54	005.00	0
005	Ash (%)	0870	32.178	0.29630	32.390	0.45023	0.34160	42	-0.47	005.00	0
005	Ash (%)	2136	32.200	0.20000	32.390	0.45023	0.34160	42	-0.42	005.99	0
005	Ash (%)	0510	32.225	0.15000	32.390	0.45023	0.34160	42	-0.37	005.00	0
005	Ash (%)	2162	32.235	0.01000	32.390	0.45023	0.34160	42	-0.35	005.00	0
005	Ash (%)	0164	32.255	0.15000	32.390	0.45023	0.34160	42	-0.30	005.00	0
005	Ash (%)	2167	32.275	0.11000	32.390	0.45023	0.34160	42	-0.26	005.05	0
005	Ash (%)	0208	32.350	0.50000	32.390	0.45023	0.34160	42	-0.09	005.00	0
005	Ash (%)	0504	32.430	0.38000	32.390	0.45023	0.34160	42	0.09	005.00	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	
005	Ash (%)	0171	32.450	0.02000	32.390	0.45023	0.34160	42	0.13	005.00	0
005	Ash (%)	2124	32.450	0.16000	32.390	0.45023	0.34160	42	0.13	005.00	0
005	Ash (%)	0003	32.500	0.00000	32.390	0.45023	0.34160	42	0.24	005.05	0
005	Ash (%)	2023	32.505	0.23000	32.390	0.45023	0.34160	42	0.25	005.99	0
005	Ash (%)	0880	32.520	0.05700	32.390	0.45023	0.34160	42	0.29	005.00	0
005	Ash (%)	0051	32.550	1.7000	32.390	0.45023	0.34160	42	0.35	005.00	0
005	Ash (%)	2004	32.550	0.10000	32.390	0.45023	0.34160	42	0.35	005.99	0
005	Ash (%)	2058	32.555	0.03000	32.390	0.45023	0.34160	42	0.37	005.05	0
005	Ash (%)	0042	32.570	0.02000	32.390	0.45023	0.34160	42	0.40	005.00	0
005	Ash (%)	2165	32.610	0.14000	32.390	0.45023	0.34160	42	0.49	005.05	0
005	Ash (%)	0001	32.636	0.16120	32.390	0.45023	0.34160	42	0.55	005.00	0
005	Ash (%)	2089	32.640	0.66000	32.390	0.45023	0.34160	42	0.55	005.00	0
005	Ash (%)	2115	32.745	0.05000	32.390	0.45023	0.34160	42	0.79	005.00	0
005	Ash (%)	0876	32.785	0.31000	32.390	0.45023	0.34160	42	0.88	005.00	0
005	Ash (%)	0047	32.900	0.40000	32.390	0.45023	0.34160	42	1.13	005.00	0
005	Ash (%)	0309	32.925	0.05000	32.390	0.45023	0.34160	42	1.19	005.00	0
005	Ash (%)	0242	33.015	1.0300	32.390	0.45023	0.34160	42	1.39	005.00	0
005	Ash (%)	0676	33.050	0.86000	32.390	0.45023	0.34160	42	1.47	005.99	0
005	Ash (%)	0065	33.085	0.21000	32.390	0.45023	0.34160	42	1.54	005.05	0
005	Ash (%)	0970	33.150	1.3000	32.390	0.45023	0.34160	42	1.69	005.99	0
005	Ash (%)	0202	33.233	0.36500	32.390	0.45023	0.34160	42	1.87	005.99	0
005	Ash (%)	0417	24.450	1.7800	32.390	0.45023	0.34160	42	-17.64	005.00	2
006	Total sugars (%)	0970	0.00000	0.00000				0		006.99	4
006	Total sugars (%)	2165	0.00000	0.00000				0		006.99	4
008	Fiber (%)	2004	2.8000	0.22000	4.2664	1.5603	0.11698	8	-0.94	008.08	0
008	Fiber (%)	0309	2.8723	0.05410	4.2664	1.5603	0.11698	8	-0.89	008.02	0
008	Fiber (%)	0504	3.2550	0.21000	4.2664	1.5603	0.11698	8	-0.65	008.02	0
008	Fiber (%)	0870	3.5443	0.13940	4.2664	1.5603	0.11698	8	-0.46	008.08	0
008	Fiber (%)	0164	4.3000	0.20000	4.2664	1.5603	0.11698	8	0.02	008.08	0
008	Fiber (%)	2115	5.1208	0.01350	4.2664	1.5603	0.11698	8	0.55	008.02	0
008	Fiber (%)	0529	6.0350	0.09000	4.2664	1.5603	0.11698	8	1.13	008.08	0
008	Fiber (%)	0407	6.2040	0.00880	4.2664	1.5603	0.11698	8	1.24	008.08	0
009	Fiber (%)	2004	24.800	2.0000	33.605	6.4148	1.2073	7	-1.37	009.09	0
009	Fiber (%)	2115	29.302	0.14620	33.605	6.4148	1.2073	7	-0.67	009.09	0
009	Fiber (%)	0309	30.569	0.81880	33.605	6.4148	1.2073	7	-0.47	009.07	0
009	Fiber (%)	0504	34.400	2.7800	33.605	6.4148	1.2073	7	0.12	009.04	0
009	Fiber (%)	0870	37.596	1.7227	33.605	6.4148	1.2073	7	0.62	009.09	0
009	Fiber (%)	0164	37.600	0.80000	33.605	6.4148	1.2073	7	0.62	009.09	0
009	Fiber (%)	0407	40.968	0.18310	33.605	6.4148	1.2073	7	1.15	009.09	0
010	Moisture (%)	0970	4.5200	0.06000	5.3863	0.81678	0.08153	9	-1.06	010.99	0
010	Moisture (%)	2004	4.8450	0.09000	5.3863	0.81678	0.08153	9	-0.66	010.99	0

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010	Moisture (%)	2122	4.9000	0.00000	5.3863	0.81678	0.08153	9	-0.60	010.99	0
010	Moisture (%)	2089	4.9050	0.09000	5.3863	0.81678	0.08153	9	-0.59	010.99	0
010	Moisture (%)	0964	5.0370	0.03600	5.3863	0.81678	0.08153	9	-0.43	010.99	0
010	Moisture (%)	2050	5.6200	0.00000	5.3863	0.81678	0.08153	9	0.29	010.11	0
010	Moisture (%)	2167	5.7200	0.04000	5.3863	0.81678	0.08153	9	0.41	010.99	0
010	Moisture (%)	0164	6.3550	0.13000	5.3863	0.81678	0.08153	9	1.19	010.03	0
010	Moisture (%)	2169	6.5747	0.28780	5.3863	0.81678	0.08153	9	1.45	010.99	0
011	Loss on Drying (%)	0554	4.9650	0.21000	5.7970	0.25969	0.16482	27	-3.20	011.01	0
011	Loss on Drying (%)	0876	5.2700	0.04000	5.7970	0.25969	0.16482	27	-2.03	011.01	0
011	Loss on Drying (%)	0164	5.3000	0.20000	5.7970	0.25969	0.16482	27	-1.91	011.01	0
011	Loss on Drying (%)	2016	5.4500	0.54000	5.7970	0.25969	0.16482	27	-1.34	011.01	0
011	Loss on Drying (%)	0098	5.5150	0.55000	5.7970	0.25969	0.16482	27	-1.09	011.01	0
011	Loss on Drying (%)	0510	5.5500	0.10000	5.7970	0.25969	0.16482	27	-0.95	011.01	0
011	Loss on Drying (%)	0511	5.6250	0.07000	5.7970	0.25969	0.16482	27	-0.66	011.01	0
011	Loss on Drying (%)	0870	5.6910	0.20910	5.7970	0.25969	0.16482	27	-0.41	011.01	0
011	Loss on Drying (%)	2095	5.7000	0.40000	5.7970	0.25969	0.16482	27	-0.37	011.99	0
011	Loss on Drying (%)	0208	5.7350	0.09000	5.7970	0.25969	0.16482	27	-0.24	011.01	0
011	Loss on Drying (%)	0309	5.7800	0.06000	5.7970	0.25969	0.16482	27	-0.07	011.01	0
011	Loss on Drying (%)	0242	5.8100	0.04000	5.7970	0.25969	0.16482	27	0.05	011.01	0
011	Loss on Drying (%)	0808	5.8200	0.10000	5.7970	0.25969	0.16482	27	0.09	011.03	0
011	Loss on Drying (%)	0051	5.8450	0.19000	5.7970	0.25969	0.16482	27	0.18	011.01	0
011	Loss on Drying (%)	2168	5.8600	0.12000	5.7970	0.25969	0.16482	27	0.24	011.01	0
011	Loss on Drying (%)	2162	5.8800	0.12000	5.7970	0.25969	0.16482	27	0.32	011.01	0
011	Loss on Drying (%)	0202	5.9105	0.07300	5.7970	0.25969	0.16482	27	0.44	011.01	0
011	Loss on Drying (%)	0171	5.9150	0.03000	5.7970	0.25969	0.16482	27	0.45	011.01	0
011	Loss on Drying (%)	0957	5.9150	0.25000	5.7970	0.25969	0.16482	27	0.45	011.01	0
011	Loss on Drying (%)	0650	5.9300	0.60000	5.7970	0.25969	0.16482	27	0.51	011.01	0
011	Loss on Drying (%)	0047	5.9500	0.10000	5.7970	0.25969	0.16482	27	0.59	011.01	0
011	Loss on Drying (%)	0417	5.9600	0.10000	5.7970	0.25969	0.16482	27	0.63	011.02	0
011	Loss on Drying (%)	2023	5.9900	0.04000	5.7970	0.25969	0.16482	27	0.74	011.02	0
011	Loss on Drying (%)	0407	5.9925	0.00900	5.7970	0.25969	0.16482	27	0.75	011.01	0
011	Loss on Drying (%)	2058	6.1000	0.08000	5.7970	0.25969	0.16482	27	1.17	011.01	0
011	Loss on Drying (%)	0880	6.2365	0.07900	5.7970	0.25969	0.16482	27	1.69	011.01	0
011	Loss on Drying (%)	2083	6.3750	0.05000	5.7970	0.25969	0.16482	27	2.23	011.02	0
012	Starch (%)	0676	0.43000	0.10000	0.51689	0.12528	0.03808	4		012.01	0
012	Starch (%)	0870	0.44255	0.02230	0.51689	0.12528	0.03808	4		012.01	0
012	Starch (%)	2004	0.49500	0.03000	0.51689	0.12528	0.03808	4		012.01	0
012	Starch (%)	0510	0.70000	0.00000	0.51689	0.12528	0.03808	4		012.04	0
013	Fat (%)	0074	7.9250	0.65000	10.350	0.45415	0.26680	30	-5.34	013.13	0
013	Fat (%)	2058	9.4400	0.12000	10.350	0.45415	0.26680	30	-2.00	013.02	0
013	Fat (%)	2095	9.5000	0.20000	10.350	0.45415	0.26680	30	-1.87	013.10	0

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013	Fat (%)	2115	9.7407	0.05130	10.350	0.45415	0.26680	30	-1.34	013.00	0
013	Fat (%)	2124	9.8150	0.19000	10.350	0.45415	0.26680	30	-1.18	013.10	0
013	Fat (%)	2162	9.8500	0.12000	10.350	0.45415	0.26680	30	-1.10	013.10	0
013	Fat (%)	0242	10.040	0.22000	10.350	0.45415	0.26680	30	-0.68	013.00	0
013	Fat (%)	2004	10.100	0.40000	10.350	0.45415	0.26680	30	-0.55	013.00	0
013	Fat (%)	0504	10.195	0.49000	10.350	0.45415	0.26680	30	-0.34	013.00	0
013	Fat (%)	0970	10.200	0.20000	10.350	0.45415	0.26680	30	-0.33	013.00	0
013	Fat (%)	2016	10.235	0.83000	10.350	0.45415	0.26680	30	-0.25	013.00	0
013	Fat (%)	2167	10.280	0.38000	10.350	0.45415	0.26680	30	-0.15	013.10	0
013	Fat (%)	0808	10.330	0.28000	10.350	0.45415	0.26680	30	-0.04	013.02	0
013	Fat (%)	0208	10.350	0.30000	10.350	0.45415	0.26680	30	0.00	013.02	0
013	Fat (%)	0065	10.405	0.15000	10.350	0.45415	0.26680	30	0.12	013.02	0
013	Fat (%)	0957	10.415	0.25000	10.350	0.45415	0.26680	30	0.14	013.02	0
013	Fat (%)	0202	10.450	0.27700	10.350	0.45415	0.26680	30	0.22	013.00	0
013	Fat (%)	0098	10.455	0.31000	10.350	0.45415	0.26680	30	0.23	013.00	0
013	Fat (%)	0171	10.460	0.20000	10.350	0.45415	0.26680	30	0.24	013.02	0
013	Fat (%)	0510	10.500	0.20000	10.350	0.45415	0.26680	30	0.33	013.02	0
013	Fat (%)	0309	10.513	0.50170	10.350	0.45415	0.26680	30	0.36	013.00	0
013	Fat (%)	0511	10.585	0.49000	10.350	0.45415	0.26680	30	0.52	013.02	0
013	Fat (%)	0676	10.630	0.12000	10.350	0.45415	0.26680	30	0.62	013.02	0
013	Fat (%)	0870	10.675	0.06200	10.350	0.45415	0.26680	30	0.72	013.02	0
013	Fat (%)	0164	10.700	0.16000	10.350	0.45415	0.26680	30	0.77	013.02	0
013	Fat (%)	0001	10.732	0.07330	10.350	0.45415	0.26680	30	0.84	013.02	0
013	Fat (%)	0051	10.750	0.10000	10.350	0.45415	0.26680	30	0.88	013.02	0
013	Fat (%)	0650	11.015	0.11000	10.350	0.45415	0.26680	30	1.47	013.02	0
013	Fat (%)	2023	11.230	0.56000	10.350	0.45415	0.26680	30	1.94	013.00	0
013	Fat (%)	0407	11.393	0.00880	10.350	0.45415	0.26680	30	2.30	013.13	0
013	Fat (%)	0042	9.6300	1.2000	10.350	0.45415	0.26680	30	-1.58	013.13	1
015	Aluminum (mg / kg (ppm))	0510	74.500	1.0000				1		015.43	0
017	Boron (mg / kg (ppm))	0510	1.0000	0.00000				1		017.43	0
019	Calcium (%)	2165	9.6500	0.50000	11.636	0.77869	0.36030	32	-2.55	019.43	0
019	Calcium (%)	2023	9.7750	0.07000	11.636	0.77869	0.36030	32	-2.39	019.44	0
019	Calcium (%)	2114	10.383	0.07600	11.636	0.77869	0.36030	32	-1.61	019.44	0
019	Calcium (%)	0870	10.790	0.22000	11.636	0.77869	0.36030	32	-1.09	019.42	0
019	Calcium (%)	2058	10.949	0.31600	11.636	0.77869	0.36030	32	-0.88	019.43	0
019	Calcium (%)	0676	11.035	0.53000	11.636	0.77869	0.36030	32	-0.77	019.99	0
019	Calcium (%)	2136	11.100	0.20000	11.636	0.77869	0.36030	32	-0.69	019.43	0
019	Calcium (%)	0202	11.166	0.40200	11.636	0.77869	0.36030	32	-0.60	019.43	0
019	Calcium (%)	0510	11.195	0.17000	11.636	0.77869	0.36030	32	-0.57	019.43	0
019	Calcium (%)	0970	11.250	0.50000	11.636	0.77869	0.36030	32	-0.50	019.44	0
019	Calcium (%)	0242	11.325	0.01000	11.636	0.77869	0.36030	32	-0.40	019.99	0

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019	Calcium (%)	0098	11.345	0.07000	11.636	0.77869	0.36030	32	-0.37	019.41	0
019	Calcium (%)	0164	11.450	0.10000	11.636	0.77869	0.36030	32	-0.24	019.41	0
019	Calcium (%)	2004	11.450	0.30000	11.636	0.77869	0.36030	32	-0.24	019.44	0
019	Calcium (%)	2124	11.460	0.16000	11.636	0.77869	0.36030	32	-0.23	019.43	0
019	Calcium (%)	0003	11.500	0.20000	11.636	0.77869	0.36030	32	-0.17	019.41	0
019	Calcium (%)	0051	11.600	0.16000	11.636	0.77869	0.36030	32	-0.05	019.41	0
019	Calcium (%)	0529	11.615	0.91000	11.636	0.77869	0.36030	32	-0.03	019.31	0
019	Calcium (%)	0098	11.620	0.32000	11.636	0.77869	0.36030	32	-0.02	019.43	0
019	Calcium (%)	0027	11.731	0.52300	11.636	0.77869	0.36030	32	0.12	019.43	0
019	Calcium (%)	2089	11.750	0.44000	11.636	0.77869	0.36030	32	0.15	019.43	0
019	Calcium (%)	0511	11.915	0.87000	11.636	0.77869	0.36030	32	0.36	019.41	0
019	Calcium (%)	0074	11.920	0.30000	11.636	0.77869	0.36030	32	0.36	019.41	0
019	Calcium (%)	2115	12.166	0.02570	11.636	0.77869	0.36030	32	0.68	019.00	0
019	Calcium (%)	0001	12.285	0.23000	11.636	0.77869	0.36030	32	0.83	019.31	0
019	Calcium (%)	0964	12.363	0.71810	11.636	0.77869	0.36030	32	0.93	019.43	0
019	Calcium (%)	0065	12.455	0.01000	11.636	0.77869	0.36030	32	1.05	019.44	0
019	Calcium (%)	0034	12.556	1.5760	11.636	0.77869	0.36030	32	1.18	019.53	0
019	Calcium (%)	0047	12.665	0.01000	11.636	0.77869	0.36030	32	1.32	019.52	0
019	Calcium (%)	0407	12.687	0.31280	11.636	0.77869	0.36030	32	1.35	019.41	0
019	Calcium (%)	0042	13.050	0.70000	11.636	0.77869	0.36030	32	1.82	019.42	0
019	Calcium (%)	0650	13.700	0.60000	11.636	0.77869	0.36030	32	2.65	019.31	0
019	Calcium (%)	0208	12.440	1.7800	11.636	0.77869	0.36030	32	1.03	019.41	1
021	Cobalt (mg / kg (ppm))	0964	0.22755	0.05970				3		021.43	0
021	Cobalt (mg / kg (ppm))	0510	0.24000	0.02000				3		021.43	0
021	Cobalt (mg / kg (ppm))	0164	1.6500	0.10000				3		021.31	0
022	Copper (mg / kg (ppm))	0098	6.1550	0.31000	9.6924	1.6956	0.77758	26	-2.09	022.43	0
022	Copper (mg / kg (ppm))	0098	6.9500	0.58000	9.6924	1.6956	0.77758	26	-1.62	022.41	0
022	Copper (mg / kg (ppm))	2165	7.8500	0.30000	9.6924	1.6956	0.77758	26	-1.09	022.43	0
022	Copper (mg / kg (ppm))	0208	7.8770	0.11800	9.6924	1.6956	0.77758	26	-1.07	022.41	0
022	Copper (mg / kg (ppm))	0407	7.9062	0.03730	9.6924	1.6956	0.77758	26	-1.05	022.41	0
022	Copper (mg / kg (ppm))	0870	8.2705	0.46300	9.6924	1.6956	0.77758	26	-0.84	022.42	0
022	Copper (mg / kg (ppm))	2136	8.9400	1.1600	9.6924	1.6956	0.77758	26	-0.44	022.53	0
022	Copper (mg / kg (ppm))	2023	8.9500	0.22000	9.6924	1.6956	0.77758	26	-0.44	022.53	0
022	Copper (mg / kg (ppm))	0164	9.0000	0.20000	9.6924	1.6956	0.77758	26	-0.41	022.41	0
022	Copper (mg / kg (ppm))	2124	9.0450	0.49000	9.6924	1.6956	0.77758	26	-0.38	022.43	0
022	Copper (mg / kg (ppm))	0970	9.2600	0.06000	9.6924	1.6956	0.77758	26	-0.25	022.44	0
022	Copper (mg / kg (ppm))	0242	9.5000	1.0000	9.6924	1.6956	0.77758	26	-0.11	022.99	0
022	Copper (mg / kg (ppm))	0051	9.6600	0.50000	9.6924	1.6956	0.77758	26	-0.02	022.41	0
022	Copper (mg / kg (ppm))	2089	9.9150	1.7300	9.6924	1.6956	0.77758	26	0.13	022.43	0
022	Copper (mg / kg (ppm))	0202	9.9720	0.35000	9.6924	1.6956	0.77758	26	0.16	022.43	0
022	Copper (mg / kg (ppm))	0510	10.000	0.00000	9.6924	1.6956	0.77758	26	0.18	022.43	0

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022	Copper (mg / kg (ppm))	0504	10.200	0.80000	9.6924	1.6956	0.77758	26	0.30	022.32	0
022	Copper (mg / kg (ppm))	0964	10.310	0.18280	9.6924	1.6956	0.77758	26	0.36	022.43	0
022	Copper (mg / kg (ppm))	0511	10.500	1.0000	9.6924	1.6956	0.77758	26	0.48	022.41	0
022	Copper (mg / kg (ppm))	2033	10.500	0.00000	9.6924	1.6956	0.77758	26	0.48	022.43	0
022	Copper (mg / kg (ppm))	2114	10.640	0.59600	9.6924	1.6956	0.77758	26	0.56	022.44	0
022	Copper (mg / kg (ppm))	2004	10.700	0.20000	9.6924	1.6956	0.77758	26	0.59	022.44	0
022	Copper (mg / kg (ppm))	0074	12.000	2.0000	9.6924	1.6956	0.77758	26	1.36	022.41	0
022	Copper (mg / kg (ppm))	0003	12.500	1.0000	9.6924	1.6956	0.77758	26	1.66	022.41	0
022	Copper (mg / kg (ppm))	0529	13.720	3.3200	9.6924	1.6956	0.77758	26	2.38	022.31	0
022	Copper (mg / kg (ppm))	0042	17.700	3.6000	9.6924	1.6956	0.77758	26	4.72	022.42	0
024	Iodine (mg / kg (ppm))	0970	1.6900	0.06000				1		024.99	0
025	Iron (mg / kg (ppm))	2089	112.80	16.020	187.00	19.068	15.463	27	-3.89	025.43	0
025	Iron (mg / kg (ppm))	2165	145.00	10.000	187.00	19.068	15.463	27	-2.20	025.43	0
025	Iron (mg / kg (ppm))	0208	156.15	14.500	187.00	19.068	15.463	27	-1.62	025.41	0
025	Iron (mg / kg (ppm))	0510	168.00	0.00000	187.00	19.068	15.463	27	-1.00	025.43	0
025	Iron (mg / kg (ppm))	2114	172.23	2.8790	187.00	19.068	15.463	27	-0.77	025.41	0
025	Iron (mg / kg (ppm))	0407	173.13	0.23270	187.00	19.068	15.463	27	-0.73	025.41	0
025	Iron (mg / kg (ppm))	0164	175.00	8.0000	187.00	19.068	15.463	27	-0.63	025.41	0
025	Iron (mg / kg (ppm))	0511	175.00	10.000	187.00	19.068	15.463	27	-0.63	025.41	0
025	Iron (mg / kg (ppm))	0970	176.00	6.0000	187.00	19.068	15.463	27	-0.58	025.41	0
025	Iron (mg / kg (ppm))	0034	180.40	4.2000	187.00	19.068	15.463	27	-0.35	025.53	0
025	Iron (mg / kg (ppm))	2033	182.00	0.00000	187.00	19.068	15.463	27	-0.26	025.43	0
025	Iron (mg / kg (ppm))	0051	185.00	30.000	187.00	19.068	15.463	27	-0.11	025.41	0
025	Iron (mg / kg (ppm))	0504	185.95	3.1000	187.00	19.068	15.463	27	-0.06	025.33	0
025	Iron (mg / kg (ppm))	2023	186.00	8.0000	187.00	19.068	15.463	27	-0.05	025.43	0
025	Iron (mg / kg (ppm))	0529	186.40	18.940	187.00	19.068	15.463	27	-0.03	025.31	0
025	Iron (mg / kg (ppm))	0242	189.00	8.0000	187.00	19.068	15.463	27	0.10	025.99	0
025	Iron (mg / kg (ppm))	2136	192.50	3.0000	187.00	19.068	15.463	27	0.29	025.43	0
025	Iron (mg / kg (ppm))	0098	192.80	20.800	187.00	19.068	15.463	27	0.30	025.41	0
025	Iron (mg / kg (ppm))	2124	199.50	51.000	187.00	19.068	15.463	27	0.66	025.43	0
025	Iron (mg / kg (ppm))	2004	200.00	18.000	187.00	19.068	15.463	27	0.68	025.41	0
025	Iron (mg / kg (ppm))	0870	202.55	13.500	187.00	19.068	15.463	27	0.82	025.42	0
025	Iron (mg / kg (ppm))	0964	202.56	2.4240	187.00	19.068	15.463	27	0.82	025.43	0
025	Iron (mg / kg (ppm))	0003	203.00	68.000	187.00	19.068	15.463	27	0.84	025.41	0
025	Iron (mg / kg (ppm))	0098	206.30	10.800	187.00	19.068	15.463	27	1.01	025.43	0
025	Iron (mg / kg (ppm))	0504	209.35	5.1000	187.00	19.068	15.463	27	1.17	025.32	0
025	Iron (mg / kg (ppm))	0074	224.00	46.000	187.00	19.068	15.463	27	1.94	025.41	0
025	Iron (mg / kg (ppm))	0042	232.50	39.000	187.00	19.068	15.463	27	2.39	025.42	0
027	Magnesium (%)	0510	0.19000	0.00000	0.23384	0.01875	0.00785	26	-2.34	027.43	0
027	Magnesium (%)	2165	0.20000	0.00000	0.23384	0.01875	0.00785	26	-1.80	027.43	0
027	Magnesium (%)	2114	0.20400	0.00600	0.23384	0.01875	0.00785	26	-1.59	027.44	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	
027	Magnesium (%)	0407	0.21385	0.00670	0.23384	0.01875	0.00785	26	-1.07	027.41	0
027	Magnesium (%)	0051	0.21930	0.01300	0.23384	0.01875	0.00785	26	-0.78	027.41	0
027	Magnesium (%)	2136	0.22100	0.01200	0.23384	0.01875	0.00785	26	-0.68	027.43	0
027	Magnesium (%)	0870	0.22165	0.00350	0.23384	0.01875	0.00785	26	-0.65	027.42	0
027	Magnesium (%)	0003	0.22500	0.01000	0.23384	0.01875	0.00785	26	-0.47	027.41	0
027	Magnesium (%)	0202	0.22650	0.00100	0.23384	0.01875	0.00785	26	-0.39	027.43	0
027	Magnesium (%)	0164	0.22750	0.01100	0.23384	0.01875	0.00785	26	-0.34	027.41	0
027	Magnesium (%)	0208	0.22800	0.00800	0.23384	0.01875	0.00785	26	-0.31	027.41	0
027	Magnesium (%)	0242	0.23000	0.00000	0.23384	0.01875	0.00785	26	-0.20	027.99	0
027	Magnesium (%)	0970	0.23300	0.00800	0.23384	0.01875	0.00785	26	-0.04	027.44	0
027	Magnesium (%)	0529	0.23500	0.01000	0.23384	0.01875	0.00785	26	0.06	027.31	0
027	Magnesium (%)	0098	0.24000	0.00000	0.23384	0.01875	0.00785	26	0.33	027.43	0
027	Magnesium (%)	2089	0.24000	0.02000	0.23384	0.01875	0.00785	26	0.33	027.43	0
027	Magnesium (%)	2124	0.24000	0.00000	0.23384	0.01875	0.00785	26	0.33	027.43	0
027	Magnesium (%)	2004	0.24000	0.00400	0.23384	0.01875	0.00785	26	0.33	027.44	0
027	Magnesium (%)	0042	0.24450	0.00300	0.23384	0.01875	0.00785	26	0.57	027.42	0
027	Magnesium (%)	0098	0.24500	0.01000	0.23384	0.01875	0.00785	26	0.59	027.41	0
027	Magnesium (%)	2033	0.24900	0.00000	0.23384	0.01875	0.00785	26	0.81	027.43	0
027	Magnesium (%)	0034	0.25075	0.01250	0.23384	0.01875	0.00785	26	0.90	027.53	0
027	Magnesium (%)	0074	0.25350	0.00500	0.23384	0.01875	0.00785	26	1.05	027.41	0
027	Magnesium (%)	0964	0.25725	0.00430	0.23384	0.01875	0.00785	26	1.25	027.43	0
027	Magnesium (%)	0511	0.26000	0.04000	0.23384	0.01875	0.00785	26	1.39	027.41	0
027	Magnesium (%)	0650	0.28800	0.01600	0.23384	0.01875	0.00785	26	2.89	027.31	0
027	Magnesium (%)	2023	0.26450	0.05900	0.23384	0.01875	0.00785	26	1.63	027.44	1
027	Magnesium (%)	0065	5.8900	0.02000	0.23384	0.01875	0.00785	26	301.61	027.44	2
028	Manganese (mg / kg (ppm))	0208	12.010	1.0400	15.195	2.0107	1.4560	27	-1.58	028.41	0
028	Manganese (mg / kg (ppm))	2114	12.239	0.34800	15.195	2.0107	1.4560	27	-1.47	028.44	0
028	Manganese (mg / kg (ppm))	0870	12.265	0.57000	15.195	2.0107	1.4560	27	-1.46	028.42	0
028	Manganese (mg / kg (ppm))	0510	13.000	0.00000	15.195	2.0107	1.4560	27	-1.09	028.43	0
028	Manganese (mg / kg (ppm))	0970	13.750	0.30000	15.195	2.0107	1.4560	27	-0.72	028.44	0
028	Manganese (mg / kg (ppm))	0003	14.000	0.00000	15.195	2.0107	1.4560	27	-0.59	028.41	0
028	Manganese (mg / kg (ppm))	0164	14.000	0.00000	15.195	2.0107	1.4560	27	-0.59	028.41	0
028	Manganese (mg / kg (ppm))	0407	14.269	0.18520	15.195	2.0107	1.4560	27	-0.46	028.41	0
028	Manganese (mg / kg (ppm))	0504	14.540	0.80000	15.195	2.0107	1.4560	27	-0.33	028.33	0
028	Manganese (mg / kg (ppm))	0034	14.665	1.0100	15.195	2.0107	1.4560	27	-0.26	028.53	0
028	Manganese (mg / kg (ppm))	2023	14.750	0.90000	15.195	2.0107	1.4560	27	-0.22	028.44	0
028	Manganese (mg / kg (ppm))	0511	15.000	0.00000	15.195	2.0107	1.4560	27	-0.10	028.41	0
028	Manganese (mg / kg (ppm))	2033	15.100	0.00000	15.195	2.0107	1.4560	27	-0.05	028.43	0
028	Manganese (mg / kg (ppm))	2004	15.100	0.20000	15.195	2.0107	1.4560	27	-0.05	028.44	0
028	Manganese (mg / kg (ppm))	0051	15.205	1.9500	15.195	2.0107	1.4560	27	0.00	028.41	0
028	Manganese (mg / kg (ppm))	2089	15.240	0.76000	15.195	2.0107	1.4560	27	0.02	028.43	0

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028	Manganese (mg / kg (ppm))	0098	15.335	0.29000	15.195	2.0107	1.4560	27	0.07	028.43	0
028	Manganese (mg / kg (ppm))	0242	15.500	1.0000	15.195	2.0107	1.4560	27	0.15	028.99	0
028	Manganese (mg / kg (ppm))	0964	15.658	1.1413	15.195	2.0107	1.4560	27	0.23	028.43	0
028	Manganese (mg / kg (ppm))	0202	15.861	0.51800	15.195	2.0107	1.4560	27	0.33	028.43	0
028	Manganese (mg / kg (ppm))	2136	16.150	0.10000	15.195	2.0107	1.4560	27	0.47	028.53	0
028	Manganese (mg / kg (ppm))	0098	16.255	3.4300	15.195	2.0107	1.4560	27	0.53	028.41	0
028	Manganese (mg / kg (ppm))	0504	17.475	1.3100	15.195	2.0107	1.4560	27	1.13	028.32	0
028	Manganese (mg / kg (ppm))	0042	18.100	1.6000	15.195	2.0107	1.4560	27	1.44	028.42	0
028	Manganese (mg / kg (ppm))	0529	19.185	1.4900	15.195	2.0107	1.4560	27	1.98	028.31	0
028	Manganese (mg / kg (ppm))	0074	20.500	9.0000	15.195	2.0107	1.4560	27	2.64	028.41	0
028	Manganese (mg / kg (ppm))	2124	20.635	11.370	15.195	2.0107	1.4560	27	2.71	028.43	0
028	Manganese (mg / kg (ppm))	2165	33.500	39.000	15.195	2.0107	1.4560	27	9.10	028.43	1
031	Phosphorus (%)	0003	3.9600	0.04000	5.5203	0.30195	0.17296	33	-5.17	031.41	0
031	Phosphorus (%)	2165	4.6500	0.10000	5.5203	0.30195	0.17296	33	-2.88	031.43	0
031	Phosphorus (%)	2023	4.6500	0.30000	5.5203	0.30195	0.17296	33	-2.88	031.44	0
031	Phosphorus (%)	2114	4.9855	0.10300	5.5203	0.30195	0.17296	33	-1.77	031.44	0
031	Phosphorus (%)	0870	5.1495	0.17700	5.5203	0.30195	0.17296	33	-1.23	031.42	0
031	Phosphorus (%)	0074	5.2050	0.13000	5.5203	0.30195	0.17296	33	-1.04	031.41	0
031	Phosphorus (%)	0202	5.2740	0.01400	5.5203	0.30195	0.17296	33	-0.82	031.43	0
031	Phosphorus (%)	2136	5.3000	0.32000	5.5203	0.30195	0.17296	33	-0.73	031.53	0
031	Phosphorus (%)	0242	5.3950	0.03000	5.5203	0.30195	0.17296	33	-0.41	031.99	0
031	Phosphorus (%)	2089	5.4050	0.21000	5.5203	0.30195	0.17296	33	-0.38	031.43	0
031	Phosphorus (%)	0027	5.4200	0.37200	5.5203	0.30195	0.17296	33	-0.33	031.43	0
031	Phosphorus (%)	0529	5.4350	0.05000	5.5203	0.30195	0.17296	33	-0.28	031.01	0
031	Phosphorus (%)	0970	5.4350	0.23000	5.5203	0.30195	0.17296	33	-0.28	031.44	0
031	Phosphorus (%)	0510	5.4750	0.07000	5.5203	0.30195	0.17296	33	-0.15	031.43	0
031	Phosphorus (%)	0511	5.5100	0.24000	5.5203	0.30195	0.17296	33	-0.03	031.01	0
031	Phosphorus (%)	0676	5.5350	0.09000	5.5203	0.30195	0.17296	33	0.05	031.99	0
031	Phosphorus (%)	0098	5.5375	0.03100	5.5203	0.30195	0.17296	33	0.06	031.41	0
031	Phosphorus (%)	0504	5.5650	0.40000	5.5203	0.30195	0.17296	33	0.15	031.42	0
031	Phosphorus (%)	0504	5.6050	0.07000	5.5203	0.30195	0.17296	33	0.28	031.03	0
031	Phosphorus (%)	0650	5.6150	0.47000	5.5203	0.30195	0.17296	33	0.31	031.01	0
031	Phosphorus (%)	0001	5.6175	0.02700	5.5203	0.30195	0.17296	33	0.32	031.03	0
031	Phosphorus (%)	2115	5.6327	0.06520	5.5203	0.30195	0.17296	33	0.37	031.01	0
031	Phosphorus (%)	2124	5.6350	0.11000	5.5203	0.30195	0.17296	33	0.38	031.43	0
031	Phosphorus (%)	2004	5.6700	0.14000	5.5203	0.30195	0.17296	33	0.50	031.44	0
031	Phosphorus (%)	2058	5.7150	0.05000	5.5203	0.30195	0.17296	33	0.64	031.43	0
031	Phosphorus (%)	2058	5.7300	0.04000	5.5203	0.30195	0.17296	33	0.69	031.01	0
031	Phosphorus (%)	0042	5.7450	0.87000	5.5203	0.30195	0.17296	33	0.74	031.42	0
031	Phosphorus (%)	0098	5.7495	0.37900	5.5203	0.30195	0.17296	33	0.76	031.43	0
031	Phosphorus (%)	0164	5.8050	0.05000	5.5203	0.30195	0.17296	33	0.94	031.41	0

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			Value	Range	Rob Mean	Robust SD	R-bar	# Tests	Z Score	Method	
031	Phosphorus (%)	0208	5.8225	0.00300	5.5203	0.30195	0.17296	33	1.00	031.01	0
031	Phosphorus (%)	0407	5.9703	0.21890	5.5203	0.30195	0.17296	33	1.49	031.41	0
031	Phosphorus (%)	0051	5.9926	0.11200	5.5203	0.30195	0.17296	33	1.56	031.41	0
031	Phosphorus (%)	0964	6.1448	0.19560	5.5203	0.30195	0.17296	33	2.07	031.43	0
031	Phosphorus (%)	0208	6.3775	1.2450	5.5203	0.30195	0.17296	33	2.84	031.41	1
031	Phosphorus (%)	0065	0.25700	0.01200	5.5203	0.30195	0.17296	33	-17.43	031.44	2
032	Potassium (%)	0407	0.25805	0.00870	0.29438	0.02118	0.01410	29	-1.71	032.41	0
032	Potassium (%)	0242	0.26500	0.01000	0.29438	0.02118	0.01410	29	-1.39	032.99	0
032	Potassium (%)	0504	0.27000	0.00000	0.29438	0.02118	0.01410	29	-1.15	032.02	0
032	Potassium (%)	2165	0.27000	0.00000	0.29438	0.02118	0.01410	29	-1.15	032.43	0
032	Potassium (%)	0034	0.27140	0.00260	0.29438	0.02118	0.01410	29	-1.08	032.53	0
032	Potassium (%)	0870	0.27525	0.00910	0.29438	0.02118	0.01410	29	-0.90	032.42	0
032	Potassium (%)	0650	0.27750	0.01100	0.29438	0.02118	0.01410	29	-0.80	032.31	0
032	Potassium (%)	2136	0.27900	0.01600	0.29438	0.02118	0.01410	29	-0.73	032.43	0
032	Potassium (%)	2023	0.28150	0.00500	0.29438	0.02118	0.01410	29	-0.61	032.44	0
032	Potassium (%)	2114	0.28450	0.00700	0.29438	0.02118	0.01410	29	-0.47	032.44	0
032	Potassium (%)	0202	0.28750	0.03300	0.29438	0.02118	0.01410	29	-0.32	032.43	0
032	Potassium (%)	0164	0.29000	0.02000	0.29438	0.02118	0.01410	29	-0.21	032.41	0
032	Potassium (%)	0208	0.29250	0.00900	0.29438	0.02118	0.01410	29	-0.09	032.41	0
032	Potassium (%)	0003	0.29500	0.01000	0.29438	0.02118	0.01410	29	0.03	032.41	0
032	Potassium (%)	2124	0.29500	0.01000	0.29438	0.02118	0.01410	29	0.03	032.43	0
032	Potassium (%)	0504	0.29650	0.00700	0.29438	0.02118	0.01410	29	0.10	032.42	0
032	Potassium (%)	0074	0.30000	0.02000	0.29438	0.02118	0.01410	29	0.27	032.41	0
032	Potassium (%)	0511	0.30000	0.04000	0.29438	0.02118	0.01410	29	0.27	032.41	0
032	Potassium (%)	2058	0.30050	0.01100	0.29438	0.02118	0.01410	29	0.29	032.43	0
032	Potassium (%)	0970	0.30050	0.00100	0.29438	0.02118	0.01410	29	0.29	032.44	0
032	Potassium (%)	0529	0.30500	0.05000	0.29438	0.02118	0.01410	29	0.50	032.31	0
032	Potassium (%)	2089	0.30500	0.05000	0.29438	0.02118	0.01410	29	0.50	032.43	0
032	Potassium (%)	0051	0.30670	0.02220	0.29438	0.02118	0.01410	29	0.58	032.41	0
032	Potassium (%)	0027	0.31250	0.00300	0.29438	0.02118	0.01410	29	0.86	032.43	0
032	Potassium (%)	0098	0.31500	0.01000	0.29438	0.02118	0.01410	29	0.97	032.43	0
032	Potassium (%)	0098	0.32000	0.00000	0.29438	0.02118	0.01410	29	1.21	032.41	0
032	Potassium (%)	0510	0.33500	0.01000	0.29438	0.02118	0.01410	29	1.92	032.43	0
032	Potassium (%)	0964	0.34775	0.03230	0.29438	0.02118	0.01410	29	2.52	032.43	0
032	Potassium (%)	2004	0.35750	0.00100	0.29438	0.02118	0.01410	29	2.98	032.44	0
032	Potassium (%)	0042	0.38350	0.19100	0.29438	0.02118	0.01410	29	4.21	032.42	1
032	Potassium (%)	0065	0.58000	0.02000	0.29438	0.02118	0.01410	29	13.48	032.44	2
033	Salt as chloride (%)	0504	0.32150	0.02300	0.41231	0.03493	0.01819	8	-2.60	033.00	0
033	Salt as chloride (%)	0650	0.38000	0.04000	0.41231	0.03493	0.01819	8	-0.93	033.01	0
033	Salt as chloride (%)	0407	0.39875	0.00850	0.41231	0.03493	0.01819	8	-0.39	033.01	0
033	Salt as chloride (%)	0309	0.41480	0.00400	0.41231	0.03493	0.01819	8	0.07	033.00	0

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033	Salt as chloride (%)	0098	0.42500	0.03000	0.41231	0.03493	0.01819	8	0.36	033.01	0
033	Salt as chloride (%)	0510	0.43000	0.04000	0.41231	0.03493	0.01819	8	0.51	033.01	0
033	Salt as chloride (%)	0164	0.44000	0.00000	0.41231	0.03493	0.01819	8	0.79	033.01	0
033	Salt as chloride (%)	0242	0.45000	0.00000	0.41231	0.03493	0.01819	8	1.08	033.01	0
034	Selenium (mg / kg (ppm))	0964	0.33585	0.05810	0.49014	0.10311	0.06802	6	-1.50	034.43	0
034	Selenium (mg / kg (ppm))	0171	0.44500	0.01000	0.49014	0.10311	0.06802	6	-0.44	034.04	0
034	Selenium (mg / kg (ppm))	0164	0.49500	0.07000	0.49014	0.10311	0.06802	6	0.05	034.04	0
034	Selenium (mg / kg (ppm))	0970	0.52000	0.06000	0.49014	0.10311	0.06802	6	0.29	034.99	0
034	Selenium (mg / kg (ppm))	2023	0.55000	0.10000	0.49014	0.10311	0.06802	6	0.58	034.53	0
034	Selenium (mg / kg (ppm))	2124	0.59500	0.11000	0.49014	0.10311	0.06802	6	1.02	034.43	0
035	Sodium (%)	0065	0.32500	0.03000	0.52759	0.03429	0.01485	28	-5.91	035.41	0
035	Sodium (%)	0510	0.47350	0.00300	0.52759	0.03429	0.01485	28	-1.58	035.43	0
035	Sodium (%)	0003	0.47500	0.01000	0.52759	0.03429	0.01485	28	-1.53	035.41	0
035	Sodium (%)	2114	0.48500	0.00800	0.52759	0.03429	0.01485	28	-1.24	035.41	0
035	Sodium (%)	2165	0.49000	0.00000	0.52759	0.03429	0.01485	28	-1.10	035.43	0
035	Sodium (%)	0242	0.50000	0.02000	0.52759	0.03429	0.01485	28	-0.80	035.99	0
035	Sodium (%)	2136	0.50800	0.00800	0.52759	0.03429	0.01485	28	-0.57	035.43	0
035	Sodium (%)	0870	0.51180	0.01340	0.52759	0.03429	0.01485	28	-0.46	035.42	0
035	Sodium (%)	0504	0.51450	0.02700	0.52759	0.03429	0.01485	28	-0.38	035.42	0
035	Sodium (%)	0034	0.51875	0.00450	0.52759	0.03429	0.01485	28	-0.26	035.53	0
035	Sodium (%)	0407	0.51975	0.01830	0.52759	0.03429	0.01485	28	-0.23	035.41	0
035	Sodium (%)	0164	0.52350	0.00100	0.52759	0.03429	0.01485	28	-0.12	035.41	0
035	Sodium (%)	0970	0.53000	0.01000	0.52759	0.03429	0.01485	28	0.07	035.41	0
035	Sodium (%)	2089	0.53000	0.00000	0.52759	0.03429	0.01485	28	0.07	035.43	0
035	Sodium (%)	0051	0.53070	0.03440	0.52759	0.03429	0.01485	28	0.09	035.41	0
035	Sodium (%)	0027	0.53100	0.01800	0.52759	0.03429	0.01485	28	0.10	035.43	0
035	Sodium (%)	2023	0.53400	0.02400	0.52759	0.03429	0.01485	28	0.19	035.41	0
035	Sodium (%)	0504	0.53500	0.01000	0.52759	0.03429	0.01485	28	0.22	035.05	0
035	Sodium (%)	0098	0.53500	0.01000	0.52759	0.03429	0.01485	28	0.22	035.43	0
035	Sodium (%)	2058	0.53600	0.01200	0.52759	0.03429	0.01485	28	0.25	035.43	0
035	Sodium (%)	0202	0.54800	0.03400	0.52759	0.03429	0.01485	28	0.60	035.43	0
035	Sodium (%)	0098	0.55500	0.01000	0.52759	0.03429	0.01485	28	0.80	035.41	0
035	Sodium (%)	2124	0.55500	0.01000	0.52759	0.03429	0.01485	28	0.80	035.43	0
035	Sodium (%)	0529	0.55750	0.03900	0.52759	0.03429	0.01485	28	0.87	035.31	0
035	Sodium (%)	0208	0.56350	0.00700	0.52759	0.03429	0.01485	28	1.05	035.41	0
035	Sodium (%)	2004	0.57400	0.00400	0.52759	0.03429	0.01485	28	1.35	035.41	0
035	Sodium (%)	0042	0.60350	0.00900	0.52759	0.03429	0.01485	28	2.21	035.42	0
035	Sodium (%)	0964	0.74165	0.04110	0.52759	0.03429	0.01485	28	6.24	035.43	0
035	Sodium (%)	0650	0.48250	0.13300	0.52759	0.03429	0.01485	28	-1.31	035.31	1
036	Sulfur (%)	0870	0.33860	0.00380	0.41280	0.08745	0.01239	9	-0.85	036.42	0
036	Sulfur (%)	0202	0.34050	0.01700	0.41280	0.08745	0.01239	9	-0.83	036.43	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	
036	Sulfur (%)	0407	0.36270	0.01000	0.41280	0.08745	0.01239	9	-0.57	036.42	0
036	Sulfur (%)	0164	0.37000	0.02000	0.41280	0.08745	0.01239	9	-0.49	036.42	0
036	Sulfur (%)	0098	0.38445	0.01070	0.41280	0.08745	0.01239	9	-0.32	036.43	0
036	Sulfur (%)	2089	0.38500	0.03000	0.41280	0.08745	0.01239	9	-0.32	036.43	0
036	Sulfur (%)	0510	0.48500	0.01000	0.41280	0.08745	0.01239	9	0.83	036.43	0
036	Sulfur (%)	0242	0.50500	0.01000	0.41280	0.08745	0.01239	9	1.05	036.99	0
036	Sulfur (%)	2033	0.60800	0.00000	0.41280	0.08745	0.01239	9	2.23	036.43	0
036	Sulfur (%)	0964	0.41535	0.10710	0.41280	0.08745	0.01239	9	0.03	036.43	1
037	Zinc (mg / kg (ppm))	0870	63.170	0.16000	90.487	9.6391	3.3963	25	-2.83	037.42	0
037	Zinc (mg / kg (ppm))	0164	74.500	3.0000	90.487	9.6391	3.3963	25	-1.66	037.41	0
037	Zinc (mg / kg (ppm))	2114	75.425	0.82600	90.487	9.6391	3.3963	25	-1.56	037.44	0
037	Zinc (mg / kg (ppm))	0208	76.995	1.5500	90.487	9.6391	3.3963	25	-1.40	037.41	0
037	Zinc (mg / kg (ppm))	0529	83.840	2.8200	90.487	9.6391	3.3963	25	-0.69	037.31	0
037	Zinc (mg / kg (ppm))	2136	84.150	0.50000	90.487	9.6391	3.3963	25	-0.66	037.53	0
037	Zinc (mg / kg (ppm))	2165	85.500	3.0000	90.487	9.6391	3.3963	25	-0.52	037.43	0
037	Zinc (mg / kg (ppm))	0504	85.935	1.5900	90.487	9.6391	3.3963	25	-0.47	037.33	0
037	Zinc (mg / kg (ppm))	0510	86.500	3.0000	90.487	9.6391	3.3963	25	-0.41	037.43	0
037	Zinc (mg / kg (ppm))	0202	87.041	5.7000	90.487	9.6391	3.3963	25	-0.36	037.43	0
037	Zinc (mg / kg (ppm))	0970	91.500	3.0000	90.487	9.6391	3.3963	25	0.11	037.44	0
037	Zinc (mg / kg (ppm))	2089	91.695	2.1700	90.487	9.6391	3.3963	25	0.13	037.43	0
037	Zinc (mg / kg (ppm))	2033	91.700	0.00000	90.487	9.6391	3.3963	25	0.13	037.43	0
037	Zinc (mg / kg (ppm))	0407	92.324	3.3289	90.487	9.6391	3.3963	25	0.19	037.41	0
037	Zinc (mg / kg (ppm))	2023	93.300	9.8000	90.487	9.6391	3.3963	25	0.29	037.43	0
037	Zinc (mg / kg (ppm))	0504	94.505	0.77000	90.487	9.6391	3.3963	25	0.42	037.32	0
037	Zinc (mg / kg (ppm))	2124	94.750	0.70000	90.487	9.6391	3.3963	25	0.44	037.43	0
037	Zinc (mg / kg (ppm))	0098	94.960	0.38000	90.487	9.6391	3.3963	25	0.46	037.43	0
037	Zinc (mg / kg (ppm))	0242	95.500	3.0000	90.487	9.6391	3.3963	25	0.52	037.99	0
037	Zinc (mg / kg (ppm))	0964	97.432	4.5530	90.487	9.6391	3.3963	25	0.72	037.43	0
037	Zinc (mg / kg (ppm))	0098	97.710	8.5800	90.487	9.6391	3.3963	25	0.75	037.41	0
037	Zinc (mg / kg (ppm))	0051	98.645	8.7900	90.487	9.6391	3.3963	25	0.85	037.41	0
037	Zinc (mg / kg (ppm))	2004	101.16	1.6900	90.487	9.6391	3.3963	25	1.11	037.44	0
037	Zinc (mg / kg (ppm))	0511	104.00	12.000	90.487	9.6391	3.3963	25	1.40	037.41	0
037	Zinc (mg / kg (ppm))	0074	119.00	4.0000	90.487	9.6391	3.3963	25	2.96	037.41	0
037	Zinc (mg / kg (ppm))	0003	120.50	27.000	90.487	9.6391	3.3963	25	3.11	037.41	1
037	Zinc (mg / kg (ppm))	0042	894.00	10.000	90.487	9.6391	3.3963	25	83.36	037.42	2
038	Molybdenum (mg / kg (ppm))	0510	0.15000	0.10000				3		038.43	0
038	Molybdenum (mg / kg (ppm))	0964	0.18150	0.02920				3		038.43	0
038	Molybdenum (mg / kg (ppm))	2023	0.23500	0.01000				3		038.53	0
042	Chloride (%)	0970	0.26400	0.00600				1		042.99	0
101	Choline Chloride (mg / kg (ppm))	2004	202.00	10.000				1		101.01	0
104	Riboflavin (mg / kg (ppm))	2023	4.3500	0.30000				1		104.03	0

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105	Thiamine (mg / kg (ppm))	2023	0.35000	0.10000				1		105.00	0
106	Vitamin A (KU / kg)	0970	0.00000	0.00000				0		106.02	4
106	Vitamin A (KU / kg)	2004	0.00000	0.00000				0		106.02	4
108	Vitamin D3 (KU / kg)	0970	0.00000	0.00000				0		108.99	4
108	Vitamin D3 (KU / kg)	2004	0.00000	0.00000				0		108.99	4
109	Vitamin E (IU/kg)	0970	0.00000	0.00000				0		109.02	4
120	Alanine (%)	0676	3.4850	0.21000	3.9248	0.32384	0.09057	6	-1.36	120.05	0
120	Alanine (%)	0870	3.7857	0.10740	3.9248	0.32384	0.09057	6	-0.43	120.00	0
120	Alanine (%)	2115	3.8230	0.05600	3.9248	0.32384	0.09057	6	-0.31	120.99	0
120	Alanine (%)	0227	4.0550	0.09000	3.9248	0.32384	0.09057	6	0.40	120.00	0
120	Alanine (%)	0504	4.1100	0.06000	3.9248	0.32384	0.09057	6	0.57	120.00	0
120	Alanine (%)	0171	4.2900	0.02000	3.9248	0.32384	0.09057	6	1.13	120.00	0
121	Arginine (%)	2115	3.4115	0.16900	3.6586	0.22819	0.05717	7	-1.08	121.99	0
121	Arginine (%)	0870	3.5185	0.05120	3.6586	0.22819	0.05717	7	-0.61	121.00	0
121	Arginine (%)	0676	3.5350	0.09000	3.6586	0.22819	0.05717	7	-0.54	121.05	0
121	Arginine (%)	2023	3.5700	0.02000	3.6586	0.22819	0.05717	7	-0.39	121.02	0
121	Arginine (%)	0227	3.7450	0.03000	3.6586	0.22819	0.05717	7	0.38	121.00	0
121	Arginine (%)	0171	3.9050	0.01000	3.6586	0.22819	0.05717	7	1.08	121.00	0
121	Arginine (%)	0504	3.9250	0.03000	3.6586	0.22819	0.05717	7	1.17	121.00	0
122	Aspartic (%)	0676	3.2650	0.17000	3.5300	0.21499	0.08773	7	-1.23	122.05	0
122	Aspartic (%)	2115	3.3525	0.01700	3.5300	0.21499	0.08773	7	-0.83	122.99	0
122	Aspartic (%)	0870	3.4824	0.04710	3.5300	0.21499	0.08773	7	-0.22	122.00	0
122	Aspartic (%)	2023	3.5200	0.22000	3.5300	0.21499	0.08773	7	-0.05	122.02	0
122	Aspartic (%)	0227	3.5600	0.12000	3.5300	0.21499	0.08773	7	0.14	122.00	0
122	Aspartic (%)	0504	3.7550	0.03000	3.5300	0.21499	0.08773	7	1.05	122.00	0
122	Aspartic (%)	0171	3.7750	0.01000	3.5300	0.21499	0.08773	7	1.14	122.00	0
124	Cysteine/Cystine (%)	2115	0.31500	0.08200	0.39586	0.05619	0.02489	7	-1.44	124.99	0
124	Cysteine/Cystine (%)	0227	0.36000	0.02000	0.39586	0.05619	0.02489	7	-0.64	124.00	0
124	Cysteine/Cystine (%)	0870	0.37600	0.01220	0.39586	0.05619	0.02489	7	-0.35	124.00	0
124	Cysteine/Cystine (%)	0676	0.40500	0.03000	0.39586	0.05619	0.02489	7	0.16	124.05	0
124	Cysteine/Cystine (%)	2023	0.41500	0.03000	0.39586	0.05619	0.02489	7	0.34	124.02	0
124	Cysteine/Cystine (%)	0504	0.44000	0.00000	0.39586	0.05619	0.02489	7	0.79	124.00	0
124	Cysteine/Cystine (%)	0171	0.46000	0.00000	0.39586	0.05619	0.02489	7	1.14	124.00	0
125	Glutamic (%)	0171	5.0700	0.06000	5.8204	0.40080	0.09826	7	-1.87	125.00	0
125	Glutamic (%)	0676	5.5600	0.16000	5.8204	0.40080	0.09826	7	-0.65	125.05	0
125	Glutamic (%)	0870	5.7039	0.09480	5.8204	0.40080	0.09826	7	-0.29	125.00	0
125	Glutamic (%)	0227	5.8800	0.14000	5.8204	0.40080	0.09826	7	0.15	125.00	0
125	Glutamic (%)	2023	6.0250	0.17000	5.8204	0.40080	0.09826	7	0.51	125.02	0
125	Glutamic (%)	0504	6.1200	0.02000	5.8204	0.40080	0.09826	7	0.75	125.00	0
125	Glutamic (%)	2115	6.2345	0.04300	5.8204	0.40080	0.09826	7	1.03	125.99	0
126	Glycine (%)	0676	7.0200	0.20000	7.7942	0.42300	0.15529	7	-1.83	126.05	0

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126	Glycine (%)	0870	7.5474	0.28400	7.7942	0.42300	0.15529	7	-0.58	126.00	0
126	Glycine (%)	2115	7.5975	0.11300	7.7942	0.42300	0.15529	7	-0.47	126.99	0
126	Glycine (%)	2023	7.9600	0.30000	7.7942	0.42300	0.15529	7	0.39	126.02	0
126	Glycine (%)	0171	7.9850	0.01000	7.7942	0.42300	0.15529	7	0.45	126.00	0
126	Glycine (%)	0227	8.0900	0.06000	7.7942	0.42300	0.15529	7	0.70	126.00	0
126	Glycine (%)	0504	8.2200	0.12000	7.7942	0.42300	0.15529	7	1.01	126.00	0
127	Histidine (%)	0676	0.68000	0.04000	0.79740	0.11381	0.01810	6	-1.03	127.05	0
127	Histidine (%)	0870	0.73590	0.02960	0.79740	0.11381	0.01810	6	-0.54	127.00	0
127	Histidine (%)	0227	0.75000	0.02000	0.79740	0.11381	0.01810	6	-0.42	127.00	0
127	Histidine (%)	2115	0.78350	0.00900	0.79740	0.11381	0.01810	6	-0.12	127.99	0
127	Histidine (%)	0171	0.89000	0.00000	0.79740	0.11381	0.01810	6	0.81	127.00	0
127	Histidine (%)	0504	0.94500	0.01000	0.79740	0.11381	0.01810	6	1.30	127.00	0
127	Histidine (%)	2023	0.86000	0.26000	0.79740	0.11381	0.01810	6	0.55	127.02	1
128	Isoleucine (%)	0870	1.0642	0.05210	1.2545	0.15662	0.04187	7	-1.22	128.00	0
128	Isoleucine (%)	0676	1.1450	0.09000	1.2545	0.15662	0.04187	7	-0.70	128.05	0
128	Isoleucine (%)	2023	1.1850	0.05000	1.2545	0.15662	0.04187	7	-0.44	128.02	0
128	Isoleucine (%)	2115	1.2675	0.02100	1.2545	0.15662	0.04187	7	0.08	128.99	0
128	Isoleucine (%)	0227	1.2900	0.04000	1.2545	0.15662	0.04187	7	0.23	128.00	0
128	Isoleucine (%)	0171	1.3500	0.02000	1.2545	0.15662	0.04187	7	0.61	128.00	0
128	Isoleucine (%)	0504	1.4800	0.02000	1.2545	0.15662	0.04187	7	1.44	128.00	0
129	Leucine (%)	0676	2.5300	0.18000	2.7138	0.16091	0.08840	7	-1.14	129.05	0
129	Leucine (%)	0870	2.6138	0.02580	2.7138	0.16091	0.08840	7	-0.62	129.00	0
129	Leucine (%)	2115	2.6675	0.01300	2.7138	0.16091	0.08840	7	-0.29	129.99	0
129	Leucine (%)	0227	2.6950	0.11000	2.7138	0.16091	0.08840	7	-0.12	129.00	0
129	Leucine (%)	2023	2.6950	0.15000	2.7138	0.16091	0.08840	7	-0.12	129.02	0
129	Leucine (%)	0171	2.8400	0.02000	2.7138	0.16091	0.08840	7	0.78	129.00	0
129	Leucine (%)	0504	3.0000	0.12000	2.7138	0.16091	0.08840	7	1.78	129.00	0
130	L-Lysine (%)	2023	2.1850	0.13000	2.3928	0.16862	0.07853	7	-1.23	130.02	0
130	L-Lysine (%)	0676	2.3050	0.25000	2.3928	0.16862	0.07853	7	-0.52	130.05	0
130	L-Lysine (%)	2115	2.3305	0.01900	2.3928	0.16862	0.07853	7	-0.37	130.99	0
130	L-Lysine (%)	0171	2.3800	0.00000	2.3928	0.16862	0.07853	7	-0.08	130.00	0
130	L-Lysine (%)	0870	2.3936	0.03070	2.3928	0.16862	0.07853	7	0.00	130.00	0
130	L-Lysine (%)	0227	2.5100	0.06000	2.3928	0.16862	0.07853	7	0.69	130.00	0
130	L-Lysine (%)	0504	2.6900	0.06000	2.3928	0.16862	0.07853	7	1.76	130.00	0
131	Methionine (%)	2115	0.60050	0.00500	0.68119	0.06122	0.02177	7	-1.32	131.99	0
131	Methionine (%)	0227	0.65500	0.05000	0.68119	0.06122	0.02177	7	-0.43	131.00	0
131	Methionine (%)	0171	0.66000	0.00000	0.68119	0.06122	0.02177	7	-0.35	131.00	0
131	Methionine (%)	2023	0.66500	0.03000	0.68119	0.06122	0.02177	7	-0.26	131.02	0
131	Methionine (%)	0504	0.70000	0.02000	0.68119	0.06122	0.02177	7	0.31	131.00	0
131	Methionine (%)	0870	0.71780	0.00740	0.68119	0.06122	0.02177	7	0.60	131.00	0
131	Methionine (%)	0676	0.77000	0.04000	0.68119	0.06122	0.02177	7	1.45	131.05	0

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132	Phenylalanine (%)	0676	1.4350	0.11000	1.5956	0.14557	0.05210	7	-1.10	132.05	0
132	Phenylalanine (%)	0227	1.5100	0.04000	1.5956	0.14557	0.05210	7	-0.59	132.00	0
132	Phenylalanine (%)	0870	1.5144	0.02070	1.5956	0.14557	0.05210	7	-0.56	132.00	0
132	Phenylalanine (%)	2023	1.5550	0.09000	1.5956	0.14557	0.05210	7	-0.28	132.02	0
132	Phenylalanine (%)	0171	1.6300	0.02000	1.5956	0.14557	0.05210	7	0.24	132.00	0
132	Phenylalanine (%)	0504	1.7450	0.03000	1.5956	0.14557	0.05210	7	1.03	132.00	0
132	Phenylalanine (%)	2115	1.7800	0.05400	1.5956	0.14557	0.05210	7	1.27	132.99	0
133	Proline (%)	0676	4.3650	0.21000	4.7215	0.19535	0.23857	7	-1.82	133.05	0
133	Proline (%)	0870	4.5560	0.16600	4.7215	0.19535	0.23857	7	-0.85	133.00	0
133	Proline (%)	0504	4.7200	0.44000	4.7215	0.19535	0.23857	7	-0.01	133.00	0
133	Proline (%)	0227	4.7550	0.05000	4.7215	0.19535	0.23857	7	0.17	133.00	0
133	Proline (%)	2023	4.8200	0.72000	4.7215	0.19535	0.23857	7	0.50	133.99	0
133	Proline (%)	2115	4.8760	0.07400	4.7215	0.19535	0.23857	7	0.79	133.99	0
133	Proline (%)	0171	4.8950	0.01000	4.7215	0.19535	0.23857	7	0.89	133.00	0
134	Serine (%)	2115	1.8300	0.00000	1.9311	0.09607	0.06867	7	-1.05	134.99	0
134	Serine (%)	0504	1.8500	0.16000	1.9311	0.09607	0.06867	7	-0.84	134.00	0
134	Serine (%)	2023	1.8950	0.21000	1.9311	0.09607	0.06867	7	-0.38	134.02	0
134	Serine (%)	0676	1.9200	0.02000	1.9311	0.09607	0.06867	7	-0.12	134.05	0
134	Serine (%)	0227	1.9400	0.06000	1.9311	0.09607	0.06867	7	0.09	134.00	0
134	Serine (%)	0171	2.0250	0.01000	1.9311	0.09607	0.06867	7	0.98	134.00	0
134	Serine (%)	0870	2.0574	0.02070	1.9311	0.09607	0.06867	7	1.31	134.00	0
135	Threonine (%)	2115	1.4295	0.01100	1.5148	0.06927	0.08871	8	-1.23	135.99	0
135	Threonine (%)	0676	1.4650	0.03000	1.5148	0.06927	0.08871	8	-0.72	135.05	0
135	Threonine (%)	2023	1.4800	0.18000	1.5148	0.06927	0.08871	8	-0.50	135.02	0
135	Threonine (%)	0870	1.5002	0.03470	1.5148	0.06927	0.08871	8	-0.21	135.00	0
135	Threonine (%)	0227	1.5050	0.05000	1.5148	0.06927	0.08871	8	-0.14	135.00	0
135	Threonine (%)	0027	1.5440	0.31400	1.5148	0.06927	0.08871	8	0.42	135.05	0
135	Threonine (%)	0504	1.5850	0.09000	1.5148	0.06927	0.08871	8	1.01	135.00	0
135	Threonine (%)	0171	1.6100	0.00000	1.5148	0.06927	0.08871	8	1.37	135.00	0
136	Tryptophan (%)	0171	0.13000	0.00000	0.26969	0.03896	0.01532	6	-3.59	136.00	0
136	Tryptophan (%)	2114	0.26560	0.00060	0.26969	0.03896	0.01532	6	-0.10	136.03	0
136	Tryptophan (%)	0504	0.26600	0.03600	0.26969	0.03896	0.01532	6	-0.09	136.99	0
136	Tryptophan (%)	0870	0.26715	0.00230	0.26969	0.03896	0.01532	6	-0.07	136.00	0
136	Tryptophan (%)	0227	0.28000	0.02000	0.26969	0.03896	0.01532	6	0.26	136.00	0
136	Tryptophan (%)	0970	0.33450	0.03300	0.26969	0.03896	0.01532	6	1.66	136.99	0
137	Tyrosine (%)	0870	0.83960	0.02760	1.0108	0.15145	0.04737	7	-1.13	137.00	0
137	Tyrosine (%)	2115	0.86600	0.00400	1.0108	0.15145	0.04737	7	-0.96	137.99	0
137	Tyrosine (%)	2023	0.95000	0.00000	1.0108	0.15145	0.04737	7	-0.40	137.02	0
137	Tyrosine (%)	0227	1.0000	0.04000	1.0108	0.15145	0.04737	7	-0.07	137.00	0
137	Tyrosine (%)	0676	1.1050	0.11000	1.0108	0.15145	0.04737	7	0.62	137.05	0
137	Tyrosine (%)	0171	1.1350	0.03000	1.0108	0.15145	0.04737	7	0.82	137.00	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	
137	Tyrosine (%)	0504	1.1800	0.12000	1.0108	0.15145	0.04737	7	1.12	137.00	0
138	Valine (%)	0870	1.6111	0.08000	1.8761	0.22689	0.10557	7	-1.17	138.00	0
138	Valine (%)	2023	1.6300	0.32000	1.8761	0.22689	0.10557	7	-1.08	138.02	0
138	Valine (%)	0676	1.8200	0.12000	1.8761	0.22689	0.10557	7	-0.25	138.05	0
138	Valine (%)	0171	1.9600	0.02000	1.8761	0.22689	0.10557	7	0.37	138.00	0
138	Valine (%)	2115	1.9615	0.03900	1.8761	0.22689	0.10557	7	0.38	138.99	0
138	Valine (%)	0227	1.9950	0.05000	1.8761	0.22689	0.10557	7	0.52	138.00	0
138	Valine (%)	0504	2.1550	0.11000	1.8761	0.22689	0.10557	7	1.23	138.00	0
139	Taurine (%)	0676	0.03000	0.00000	0.05374	0.02507	0.00417	6	-0.95	139.05	0
139	Taurine (%)	0970	0.03610	0.00100	0.05374	0.02507	0.00417	6	-0.70	139.00	0
139	Taurine (%)	0171	0.05000	0.00000	0.05374	0.02507	0.00417	6	-0.15	139.00	0
139	Taurine (%)	0227	0.05000	0.00000	0.05374	0.02507	0.00417	6	-0.15	139.00	0
139	Taurine (%)	0504	0.06500	0.01000	0.05374	0.02507	0.00417	6	0.45	139.00	0
139	Taurine (%)	2115	0.17500	0.01400	0.05374	0.02507	0.00417	6	4.84	139.99	0
160	Fructose (%)	0970	0.00000	0.00000				0		160.99	4
160	Fructose (%)	2165	0.00000	0.00000				0		160.99	4
161	Galactose (%)	0970	0.00000	0.00000				0		161.99	4
162	Glucose (%)	0970	0.00000	0.00000				0		162.99	4
162	Glucose (%)	2165	0.00000	0.00000				0		162.99	4
163	Lactose (%)	0970	0.00000	0.00000				0		163.99	4
163	Lactose (%)	2165	0.00000	0.00000				0		163.99	4
164	Maltose (%)	0970	0.00000	0.00000				0		164.99	4
164	Maltose (%)	2165	0.00000	0.00000				0		164.99	4
165	Sucrose (%)	0970	0.00000	0.00000				0		165.99	4
165	Sucrose (%)	2165	0.00000	0.00000				0		165.99	4
400	Water activity (Units)	2083	0.35500	0.01000	0.37203	0.02582	0.00695	4		400.99	0
400	Water activity (Units)	0407	0.35660	0.00080	0.37203	0.02582	0.00695	4		400.01	0
400	Water activity (Units)	2167	0.36650	0.01100	0.37203	0.02582	0.00695	4		400.01	0
400	Water activity (Units)	2165	0.41000	0.00600	0.37203	0.02582	0.00695	4		400.01	0
516	Arsenic, total (mg / kg (ppm))	0171	0.05400	0.00200				2		516.00	0
516	Arsenic, total (mg / kg (ppm))	0227	0.06100	0.01600				2		516.53	0
516	Arsenic, total (mg / kg (ppm))	2124	0.00000	0.00000				2		516.43	4
518	Cadmium (mg / kg (ppm))	2124	0.00000	0.00000				0		518.43	4
520	Chromium (mg / kg (ppm))	2023	0.67000	0.16000				2		520.53	0
520	Chromium (mg / kg (ppm))	0510	1.0550	0.01000				2		520.43	0
526	Lead (mg / kg (ppm))	0227	0.22700	0.02200				1		526.53	0
539	Nickel (mg / kg (ppm))	2023	1.6150	0.07000				1		539.53	0
710	Lauric Acid (12:0) (%) (w/w)	0227	0.01000	0.00000				2		710.02	0
710	Lauric Acid (12:0) (%) (w/w)	2124	0.01000	0.00000				2		710.99	0
714	Myristic Acid (14:0) (%) (w/w)	0227	0.28500	0.01000				2		714.02	0
714	Myristic Acid (14:0) (%) (w/w)	2124	0.35000	0.00000				2		714.99	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			
716	Palmitic Acid (16:0) (% (w/w))	0227	2.2550	0.07000				2	716.02	0	
716	Palmitic Acid (16:0) (% (w/w))	2124	2.7850	0.03000				2	716.99	0	
718	Palmitoleic Acid (9c-16:1) (% (w/w))	2124	0.31000	0.00000				1	718.99	0	
722	Stearic Acid (18:0) (% (w/w))	2124	1.8900	0.04000				1	722.99	0	
724	Oleic Acid (9c-18:1) (% (w/w))	0227	3.1900	0.12000				2	724.02	0	
724	Oleic Acid (9c-18:1) (% (w/w))	2124	4.1700	0.08000				2	724.99	0	
726	Linoleic Acid (9c,12c-18:2) (% (w/w))	0227	0.33500	0.01000				2	726.02	0	
726	Linoleic Acid (9c,12c-18:2) (% (w/w))	2124	0.36500	0.01000				2	726.99	0	
728	alpha-Linolenic Acid (9c,12c,15c-18:3) ('	0227	0.02000	0.00000				2	728.02	0	
728	alpha-Linolenic Acid (9c,12c,15c-18:3) ('	2124	0.03000	0.00000				2	728.99	0	
732	Gondoic Acid (11c-20:1) (% (w/w))	0227	0.02000	0.00000				1	732.02	0	
736	Arachidonic Acid (5c,8c,11c,14c-20:4) (%)	0227	0.06000	0.00000				1	736.02	0	
740	Eicosapentaenoic Acid EPA (5c,8c,11c,14c,17c-20:5) (%)	0227	0.06000	0.00000				1	740.02	0	
740	Eicosapentaenoic Acid EPA (5c,8c,11c,14c,17c-20:5) (%)	2124	0.00000	0.00000				1	740.99	4	
742	Behenic Acid (22:0) (% (w/w))	0227	0.01000	0.00000				1	742.02	0	
748	Lignoceric Acid (24:0) (% (w/w))	0227	0.01000	0.00000				1	748.02	0	
750	Docosahexaenoic Acid DHA (4c,7c,10c,13c,16c,19c-22:6) (%)	2124	0.00000	0.00000				0	750.99	4	
754	Total n-3 Polyunsaturated (Omega-3) F&e	0227	0.04000	0.00000				2	754.02	0	
754	Total n-3 Polyunsaturated (Omega-3) F&e	2124	0.12000	0.00000				2	754.99	0	
756	Total n-6 Polyunsaturated (Omega-6) F&e	2124	0.40500	0.01000				2	756.99	0	
756	Total n-6 Polyunsaturated (Omega-6) F&e	0227	0.44000	0.02000				2	756.02	0	
758	Total Saturated Fatty Acids (% (w/w))	0227	4.3050	0.15000				1	758.02	0	
766	Total Polyunsaturated Fatty Acids (% (w/w))	0227	0.52000	0.02000				1	766.02	0	
772	Total Fatty Acids (% (w/w))	0227	9.3550	0.35000				2	772.02	0	
772	Total Fatty Acids (% (w/w))	2124	10.065	0.15000				2	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, 8 = Analyst data exempt 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.