



**AAFCO**  
Proficiency Testing Program



**Pet Food Ingredient Scheme**

**Carrots, Dehydrated**

**Test Material Code # 202144**

**# Labs Reporting: 59**

**# Analytes Reported 93**

**Issue Date : 12/31/2021**

**Analyte Proficiency Testing Report**

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 (%)	2220	8.185	0.2100	8.963	0.4297	0.1143	34	-1.81	001.07	0
001	Loss on Drying (%)	2362	8.225	0.0900	8.963	0.4297	0.1143	34	-1.72	001.07	0
001	Loss on Drying (%)	2124	8.315	0.3300	8.963	0.4297	0.1143	34	-1.51	001.03	0
001	Loss on Drying (%)	2252	8.330	0.0400	8.963	0.4297	0.1143	34	-1.47	001.07	0
001	Loss on Drying (%)	2124	8.385	0.0700	8.963	0.4297	0.1143	34	-1.34	001.07	0
001	Loss on Drying (%)	2219	8.560	0.0200	8.963	0.4297	0.1143	34	-0.94	001.07	0
001	Loss on Drying (%)	2331	8.665	0.0700	8.963	0.4297	0.1143	34	-0.69	001.07	0
001	Loss on Drying (%)	0010	8.700	0.2000	8.963	0.4297	0.1143	34	-0.61	001.07	0
001	Loss on Drying (%)	0918	8.725	0.1100	8.963	0.4297	0.1143	34	-0.55	001.99	0
001	Loss on Drying (%)	0910	8.750	0.3000	8.963	0.4297	0.1143	34	-0.49	001.99	0
001	Loss on Drying (%)	2293	8.790	0.2800	8.963	0.4297	0.1143	34	-0.40	001.07	0
001	Loss on Drying (%)	2361	8.795	0.1900	8.963	0.4297	0.1143	34	-0.39	001.07	0
001	Loss on Drying (%)	1021	8.825	0.0100	8.963	0.4297	0.1143	34	-0.32	001.07	0
001	Loss on Drying (%)	0034	8.850	0.1200	8.963	0.4297	0.1143	34	-0.26	001.07	0
001	Loss on Drying (%)	0510	8.850	0.1000	8.963	0.4297	0.1143	34	-0.26	001.99	0
001	Loss on Drying (%)	2156	8.875	0.2900	8.963	0.4297	0.1143	34	-0.20	001.07	0
001	Loss on Drying (%)	0845	8.935	0.0700	8.963	0.4297	0.1143	34	-0.06	001.07	0
001	Loss on Drying (%)	1024	9.005	0.0500	8.963	0.4297	0.1143	34	0.10	001.07	0
001	Loss on Drying (%)	0171	9.035	0.0300	8.963	0.4297	0.1143	34	0.17	001.07	0
001	Loss on Drying (%)	1022	9.060	0.0200	8.963	0.4297	0.1143	34	0.23	001.07	0
001	Loss on Drying (%)	1023	9.085	0.0300	8.963	0.4297	0.1143	34	0.28	001.07	0
001	Loss on Drying (%)	0309	9.170	0.0600	8.963	0.4297	0.1143	34	0.48	001.00	0
001	Loss on Drying (%)	0504	9.220	0.1400	8.963	0.4297	0.1143	34	0.60	001.00	0
001	Loss on Drying (%)	0873	9.220	0.0200	8.963	0.4297	0.1143	34	0.60	001.07	0
001	Loss on Drying (%)	0876	9.250	0.1000	8.963	0.4297	0.1143	34	0.67	001.07	0
001	Loss on Drying (%)	2115	9.250	0.0200	8.963	0.4297	0.1143	34	0.67	001.99	0
001	Loss on Drying (%)	0407	9.304	0.0115	8.963	0.4297	0.1143	34	0.79	001.07	0
001	Loss on Drying (%)	0650	9.320	0.0200	8.963	0.4297	0.1143	34	0.83	001.07	0
001	Loss on Drying (%)	2242	9.325	0.2100	8.963	0.4297	0.1143	34	0.84	001.99	0
001	Loss on Drying (%)	0098	9.380	0.0800	8.963	0.4297	0.1143	34	0.97	001.07	0
001	Loss on Drying (%)	0074	9.410	0.0000	8.963	0.4297	0.1143	34	1.04	001.07	0
001	Loss on Drying (%)	0889	9.525	0.3500	8.963	0.4297	0.1143	34	1.31	001.99	0
001	Loss on Drying (%)	0027	9.573	0.1450	8.963	0.4297	0.1143	34	1.42	001.07	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			
001	Loss on Drying (%)	0619	10.05	0.1000	8.963	0.4297	0.1143	34	2.53	001.03	0
001	Loss on Drying (%)	2155	8.375	0.8500	8.963	0.4297	0.1143	34	-1.37	001.99	1
002	Protein, Crude (%)	2250	8.695	0.3100	10.57	0.2383	0.0911	59	-7.86	002.06	0
002	Protein, Crude (%)	0529	9.850	0.3000	10.57	0.2383	0.0911	59	-3.02	002.06	0
002	Protein, Crude (%)	0047	10.05	0.1000	10.57	0.2383	0.0911	59	-2.18	002.06	0
002	Protein, Crude (%)	2115	10.14	0.1200	10.57	0.2383	0.0911	59	-1.80	002.06	0
002	Protein, Crude (%)	2232	10.20	0.0000	10.57	0.2383	0.0911	59	-1.55	002.06	0
002	Protein, Crude (%)	0870	10.21	0.0610	10.57	0.2383	0.0911	59	-1.50	002.01	0
002	Protein, Crude (%)	0870	10.24	0.0176	10.57	0.2383	0.0911	59	-1.38	002.06	0
002	Protein, Crude (%)	0876	10.25	0.3000	10.57	0.2383	0.0911	59	-1.34	002.06	0
002	Protein, Crude (%)	2016	10.35	0.1800	10.57	0.2383	0.0911	59	-0.92	002.06	0
002	Protein, Crude (%)	0619	10.35	0.1000	10.57	0.2383	0.0911	59	-0.92	002.01	0
002	Protein, Crude (%)	2302	10.36	0.0400	10.57	0.2383	0.0911	59	-0.87	002.06	0
002	Protein, Crude (%)	2320	10.37	0.0400	10.57	0.2383	0.0911	59	-0.83	002.06	0
002	Protein, Crude (%)	0164	10.38	0.1300	10.57	0.2383	0.0911	59	-0.81	002.06	0
002	Protein, Crude (%)	0504	10.45	0.1700	10.57	0.2383	0.0911	59	-0.52	002.04	0
002	Protein, Crude (%)	2115	10.47	0.0000	10.57	0.2383	0.0911	59	-0.41	002.05	0
002	Protein, Crude (%)	0010	10.50	0.0000	10.57	0.2383	0.0911	59	-0.29	002.06	0
002	Protein, Crude (%)	0510	10.50	0.0000	10.57	0.2383	0.0911	59	-0.29	002.06	0
002	Protein, Crude (%)	0910	10.50	0.4000	10.57	0.2383	0.0911	59	-0.29	002.06	0
002	Protein, Crude (%)	2331	10.50	0.0600	10.57	0.2383	0.0911	59	-0.29	002.06	0
002	Protein, Crude (%)	0504	10.51	0.0200	10.57	0.2383	0.0911	59	-0.24	002.06	0
002	Protein, Crude (%)	1024	10.52	0.0100	10.57	0.2383	0.0911	59	-0.22	002.06	0
002	Protein, Crude (%)	1022	10.52	0.0300	10.57	0.2383	0.0911	59	-0.20	002.06	0
002	Protein, Crude (%)	0242	10.53	0.0100	10.57	0.2383	0.0911	59	-0.18	002.06	0
002	Protein, Crude (%)	2361	10.53	0.0200	10.57	0.2383	0.0911	59	-0.16	002.06	0
002	Protein, Crude (%)	0164	10.53	0.0600	10.57	0.2383	0.0911	59	-0.16	002.01	0
002	Protein, Crude (%)	1023	10.53	0.0470	10.57	0.2383	0.0911	59	-0.15	002.06	0
002	Protein, Crude (%)	2252	10.54	0.0300	10.57	0.2383	0.0911	59	-0.14	002.06	0
002	Protein, Crude (%)	0001	10.54	0.0600	10.57	0.2383	0.0911	59	-0.12	002.06	0
002	Protein, Crude (%)	2220	10.55	0.0900	10.57	0.2383	0.0911	59	-0.10	002.06	0
002	Protein, Crude (%)	1021	10.55	0.0240	10.57	0.2383	0.0911	59	-0.09	002.06	0
002	Protein, Crude (%)	2156	10.55	0.0600	10.57	0.2383	0.0911	59	-0.08	002.06	0
002	Protein, Crude (%)	2169	10.55	0.1000	10.57	0.2383	0.0911	59	-0.08	002.06	0
002	Protein, Crude (%)	2312	10.56	0.0800	10.57	0.2383	0.0911	59	-0.04	002.06	0
002	Protein, Crude (%)	0918	10.57	0.0600	10.57	0.2383	0.0911	59	0.01	002.06	0
002	Protein, Crude (%)	2293	10.58	0.0300	10.57	0.2383	0.0911	59	0.03	002.06	0
002	Protein, Crude (%)	2219	10.61	0.1300	10.57	0.2383	0.0911	59	0.15	002.06	0
002	Protein, Crude (%)	0074	10.63	0.0700	10.57	0.2383	0.0911	59	0.24	002.06	0
002	Protein, Crude (%)	0098	10.65	0.1000	10.57	0.2383	0.0911	59	0.34	002.06	0
002	Protein, Crude (%)	0208	10.65	0.1000	10.57	0.2383	0.0911	59	0.34	002.06	0
002	Protein, Crude (%)	0511	10.65	0.0400	10.57	0.2383	0.0911	59	0.34	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 (%)	2362	10.65	0.0030	10.57	0.2383	0.0911	59	0.34	002.06	0
002	Protein, Crude (%)	0553	10.65	0.3180	10.57	0.2383	0.0911	59	0.36	002.06	0
002	Protein, Crude (%)	0889	10.66	0.1500	10.57	0.2383	0.0911	59	0.36	002.01	0
002	Protein, Crude (%)	0309	10.66	0.1010	10.57	0.2383	0.0911	59	0.40	002.06	0
002	Protein, Crude (%)	0027	10.67	0.2020	10.57	0.2383	0.0911	59	0.43	002.06	0
002	Protein, Crude (%)	0098	10.68	0.0300	10.57	0.2383	0.0911	59	0.45	002.08	0
002	Protein, Crude (%)	0065	10.75	0.2611	10.57	0.2383	0.0911	59	0.75	002.06	0
002	Protein, Crude (%)	0042	10.75	0.1000	10.57	0.2383	0.0911	59	0.76	002.06	0
002	Protein, Crude (%)	2124	10.78	0.0500	10.57	0.2383	0.0911	59	0.91	002.06	0
002	Protein, Crude (%)	0958	10.79	0.0000	10.57	0.2383	0.0911	59	0.93	002.06	0
002	Protein, Crude (%)	0171	10.81	0.0100	10.57	0.2383	0.0911	59	0.99	002.06	0
002	Protein, Crude (%)	2033	10.92	0.0000	10.57	0.2383	0.0911	59	1.48	002.06	0
002	Protein, Crude (%)	0407	10.92	0.0090	10.57	0.2383	0.0911	59	1.48	002.06	0
002	Protein, Crude (%)	0845	10.93	0.0800	10.57	0.2383	0.0911	59	1.52	002.00	0
002	Protein, Crude (%)	0650	10.95	0.3000	10.57	0.2383	0.0911	59	1.60	002.06	0
002	Protein, Crude (%)	2207	10.96	0.0900	10.57	0.2383	0.0911	59	1.62	002.06	0
002	Protein, Crude (%)	0034	10.98	0.0200	10.57	0.2383	0.0911	59	1.71	002.06	0
002	Protein, Crude (%)	2089	11.21	0.0100	10.57	0.2383	0.0911	59	2.67	002.06	0
002	Protein, Crude (%)	2155	11.63	0.1400	10.57	0.2383	0.0911	59	4.45	002.06	0
002	Protein, Crude (%)	2242	10.96	0.8600	10.57	0.2383	0.0911	59	1.64	002.06	1
002	Protein, Crude (%)	2232	18.97	0.1500	10.57	0.2383	0.0911	59	35.24	002.11	2
003	Fat, Crude (%)	2232	2.390	0.0400	2.936	0.3670	0.1481	37	-1.49	003.11	0
003	Fat, Crude (%)	2155	2.452	0.1080	2.936	0.3670	0.1481	37	-1.32	003.10	0
003	Fat, Crude (%)	0098	2.465	0.0300	2.936	0.3670	0.1481	37	-1.28	003.10	0
003	Fat, Crude (%)	0242	2.500	0.0400	2.936	0.3670	0.1481	37	-1.19	003.10	0
003	Fat, Crude (%)	2115	2.510	0.1200	2.936	0.3670	0.1481	37	-1.16	003.00	0
003	Fat, Crude (%)	2293	2.635	0.1100	2.936	0.3670	0.1481	37	-0.82	003.00	0
003	Fat, Crude (%)	2033	2.640	0.0000	2.936	0.3670	0.1481	37	-0.81	003.06	0
003	Fat, Crude (%)	0918	2.705	0.0500	2.936	0.3670	0.1481	37	-0.63	003.06	0
003	Fat, Crude (%)	0504	2.735	0.1900	2.936	0.3670	0.1481	37	-0.55	003.01	0
003	Fat, Crude (%)	0098	2.735	0.1100	2.936	0.3670	0.1481	37	-0.55	003.13	0
003	Fat, Crude (%)	0529	2.735	0.0300	2.936	0.3670	0.1481	37	-0.55	003.14	0
003	Fat, Crude (%)	0870	2.735	0.0573	2.936	0.3670	0.1481	37	-0.55	003.10	0
003	Fat, Crude (%)	2089	2.750	0.1600	2.936	0.3670	0.1481	37	-0.51	003.10	0
003	Fat, Crude (%)	0876	2.750	0.1000	2.936	0.3670	0.1481	37	-0.51	003.14	0
003	Fat, Crude (%)	0554	2.760	0.3400	2.936	0.3670	0.1481	37	-0.48	003.14	0
003	Fat, Crude (%)	2115	2.810	0.1000	2.936	0.3670	0.1481	37	-0.34	003.14	0
003	Fat, Crude (%)	2232	2.815	0.0300	2.936	0.3670	0.1481	37	-0.33	003.10	0
003	Fat, Crude (%)	0889	2.820	0.0400	2.936	0.3670	0.1481	37	-0.32	003.10	0
003	Fat, Crude (%)	0034	2.845	0.1100	2.936	0.3670	0.1481	37	-0.25	003.14	0
003	Fat, Crude (%)	2320	2.875	0.0100	2.936	0.3670	0.1481	37	-0.17	003.06	0
003	Fat, Crude (%)	2156	2.945	0.1300	2.936	0.3670	0.1481	37	0.02	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 (%)	1021	2.995	0.0900	2.936	0.3670	0.1481	37	0.16	003.00	0
003	Fat, Crude (%)	0098	3.010	0.0800	2.936	0.3670	0.1481	37	0.20	003.09	0
003	Fat, Crude (%)	0407	3.031	0.2301	2.936	0.3670	0.1481	37	0.26	003.14	0
003	Fat, Crude (%)	0171	3.050	0.1400	2.936	0.3670	0.1481	37	0.31	003.12	0
003	Fat, Crude (%)	1023	3.135	0.1100	2.936	0.3670	0.1481	37	0.54	003.00	0
003	Fat, Crude (%)	0074	3.160	0.3600	2.936	0.3670	0.1481	37	0.61	003.14	0
003	Fat, Crude (%)	0870	3.163	0.0511	2.936	0.3670	0.1481	37	0.62	003.13	0
003	Fat, Crude (%)	0910	3.195	0.1900	2.936	0.3670	0.1481	37	0.71	003.06	0
003	Fat, Crude (%)	2207	3.260	0.4600	2.936	0.3670	0.1481	37	0.88	003.14	0
003	Fat, Crude (%)	0164	3.305	0.0300	2.936	0.3670	0.1481	37	1.01	003.01	0
003	Fat, Crude (%)	0619	3.375	0.2300	2.936	0.3670	0.1481	37	1.20	003.14	0
003	Fat, Crude (%)	2250	3.395	0.3100	2.936	0.3670	0.1481	37	1.25	003.09	0
003	Fat, Crude (%)	0510	3.750	0.1000	2.936	0.3670	0.1481	37	2.22	003.14	0
003	Fat, Crude (%)	0309	3.954	0.1337	2.936	0.3670	0.1481	37	2.77	003.00	0
003	Fat, Crude (%)	0171	4.365	0.1700	2.936	0.3670	0.1481	37	3.89	003.14	0
003	Fat, Crude (%)	0511	4.645	0.8900	2.936	0.3670	0.1481	37	4.66	003.14	0
003	Fat, Crude (%)	2361	2.530	1.240	2.936	0.3670	0.1481	37	-1.11	003.00	1
003	Fat, Crude (%)	0042	7.300	0.4600	2.936	0.3670	0.1481	37	11.89	003.14	2
004	Fiber, Crude (%)	0510	13.15	0.1000	14.53	0.6362	0.2300	29	-2.18	004.07	0
004	Fiber, Crude (%)	2089	13.26	0.2700	14.53	0.6362	0.2300	29	-2.01	004.03	0
004	Fiber, Crude (%)	2320	13.49	0.0300	14.53	0.6362	0.2300	29	-1.65	004.00	0
004	Fiber, Crude (%)	0910	13.50	0.2000	14.53	0.6362	0.2300	29	-1.62	004.07	0
004	Fiber, Crude (%)	0876	13.80	1.000	14.53	0.6362	0.2300	29	-1.15	004.07	0
004	Fiber, Crude (%)	0164	13.95	0.1000	14.53	0.6362	0.2300	29	-0.92	004.00	0
004	Fiber, Crude (%)	0619	14.15	0.1000	14.53	0.6362	0.2300	29	-0.60	004.07	0
004	Fiber, Crude (%)	0171	14.34	0.1300	14.53	0.6362	0.2300	29	-0.31	004.00	0
004	Fiber, Crude (%)	2115	14.36	0.1300	14.53	0.6362	0.2300	29	-0.28	004.06	0
004	Fiber, Crude (%)	0309	14.39	0.2195	14.53	0.6362	0.2300	29	-0.23	004.00	0
004	Fiber, Crude (%)	0407	14.42	0.0264	14.53	0.6362	0.2300	29	-0.18	004.07	0
004	Fiber, Crude (%)	2115	14.42	0.1600	14.53	0.6362	0.2300	29	-0.18	004.07	0
004	Fiber, Crude (%)	2312	14.45	0.1000	14.53	0.6362	0.2300	29	-0.13	004.00	0
004	Fiber, Crude (%)	0027	14.53	0.1950	14.53	0.6362	0.2300	29	0.00	004.06	0
004	Fiber, Crude (%)	0870	14.58	0.2092	14.53	0.6362	0.2300	29	0.07	004.07	0
004	Fiber, Crude (%)	0208	14.60	0.8000	14.53	0.6362	0.2300	29	0.10	004.00	0
004	Fiber, Crude (%)	2033	14.70	0.0000	14.53	0.6362	0.2300	29	0.26	004.07	0
004	Fiber, Crude (%)	0918	14.71	0.2700	14.53	0.6362	0.2300	29	0.27	004.06	0
004	Fiber, Crude (%)	0504	14.74	0.0900	14.53	0.6362	0.2300	29	0.32	004.00	0
004	Fiber, Crude (%)	0042	14.81	0.2000	14.53	0.6362	0.2300	29	0.43	004.00	0
004	Fiber, Crude (%)	0074	14.82	0.1300	14.53	0.6362	0.2300	29	0.44	004.07	0
004	Fiber, Crude (%)	0529	14.83	0.0400	14.53	0.6362	0.2300	29	0.47	004.07	0
004	Fiber, Crude (%)	0554	14.94	0.4800	14.53	0.6362	0.2300	29	0.64	004.07	0
004	Fiber, Crude (%)	0242	14.96	1.000	14.53	0.6362	0.2300	29	0.67	004.07	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 (%)	0845	15.20	0.4500	14.53	0.6362	0.2300	29	1.04	004.06	0
004	Fiber, Crude (%)	0553	15.23	0.0300	14.53	0.6362	0.2300	29	1.09	004.07	0
004	Fiber, Crude (%)	2207	15.30	0.2000	14.53	0.6362	0.2300	29	1.20	004.07	0
004	Fiber, Crude (%)	2124	15.54	0.0100	14.53	0.6362	0.2300	29	1.57	004.07	0
004	Fiber, Crude (%)	0034	15.57	0.0000	14.53	0.6362	0.2300	29	1.63	004.07	0
004	Fiber, Crude (%)	0511	15.70	1.600	14.53	0.6362	0.2300	29	1.83	004.07	1
005	Ash (%)	0511	6.600	0.2000	6.936	0.1127	0.0808	48	-2.98	005.00	0
005	Ash (%)	0208	6.610	0.2600	6.936	0.1127	0.0808	48	-2.89	005.00	0
005	Ash (%)	0910	6.650	0.3000	6.936	0.1127	0.0808	48	-2.54	005.99	0
005	Ash (%)	0047	6.700	0.0000	6.936	0.1127	0.0808	48	-2.09	005.00	0
005	Ash (%)	2232	6.715	0.1300	6.936	0.1127	0.0808	48	-1.96	005.00	0
005	Ash (%)	0889	6.770	0.0400	6.936	0.1127	0.0808	48	-1.47	005.05	0
005	Ash (%)	0309	6.799	0.0710	6.936	0.1127	0.0808	48	-1.22	005.00	0
005	Ash (%)	0876	6.800	0.0000	6.936	0.1127	0.0808	48	-1.21	005.00	0
005	Ash (%)	0918	6.830	0.0000	6.936	0.1127	0.0808	48	-0.94	005.00	0
005	Ash (%)	0001	6.846	0.0174	6.936	0.1127	0.0808	48	-0.80	005.00	0
005	Ash (%)	0034	6.851	0.1170	6.936	0.1127	0.0808	48	-0.76	005.05	0
005	Ash (%)	0407	6.855	0.0891	6.936	0.1127	0.0808	48	-0.72	005.00	0
005	Ash (%)	2115	6.865	0.0300	6.936	0.1127	0.0808	48	-0.63	005.00	0
005	Ash (%)	0042	6.875	0.0900	6.936	0.1127	0.0808	48	-0.54	005.00	0
005	Ash (%)	0027	6.880	0.0220	6.936	0.1127	0.0808	48	-0.50	005.00	0
005	Ash (%)	2242	6.885	0.1100	6.936	0.1127	0.0808	48	-0.45	005.00	0
005	Ash (%)	0171	6.920	0.0000	6.936	0.1127	0.0808	48	-0.14	005.00	0
005	Ash (%)	0870	6.931	0.0801	6.936	0.1127	0.0808	48	-0.04	005.00	0
005	Ash (%)	2016	6.935	0.0700	6.936	0.1127	0.0808	48	-0.01	005.00	0
005	Ash (%)	1023	6.940	0.0400	6.936	0.1127	0.0808	48	0.04	005.00	0
005	Ash (%)	2312	6.940	0.1000	6.936	0.1127	0.0808	48	0.04	005.00	0
005	Ash (%)	1024	6.940	0.0600	6.936	0.1127	0.0808	48	0.04	005.99	0
005	Ash (%)	0098	6.945	0.0700	6.936	0.1127	0.0808	48	0.08	005.00	0
005	Ash (%)	0065	6.945	0.0300	6.936	0.1127	0.0808	48	0.08	005.05	0
005	Ash (%)	2250	6.945	0.0100	6.936	0.1127	0.0808	48	0.08	005.05	0
005	Ash (%)	2124	6.950	0.0800	6.936	0.1127	0.0808	48	0.12	005.00	0
005	Ash (%)	2252	6.960	0.0600	6.936	0.1127	0.0808	48	0.21	005.00	0
005	Ash (%)	1021	6.960	0.0400	6.936	0.1127	0.0808	48	0.21	005.00	0
005	Ash (%)	2320	6.965	0.0500	6.936	0.1127	0.0808	48	0.26	005.00	0
005	Ash (%)	1022	6.965	0.0100	6.936	0.1127	0.0808	48	0.26	005.99	0
005	Ash (%)	0164	6.975	0.0900	6.936	0.1127	0.0808	48	0.35	005.00	0
005	Ash (%)	0504	6.975	0.0700	6.936	0.1127	0.0808	48	0.35	005.00	0
005	Ash (%)	2156	6.980	0.1200	6.936	0.1127	0.0808	48	0.39	005.00	0
005	Ash (%)	0553	6.990	0.0800	6.936	0.1127	0.0808	48	0.48	005.00	0
005	Ash (%)	2361	6.990	0.0800	6.936	0.1127	0.0808	48	0.48	005.00	0
005	Ash (%)	0619	7.000	0.1000	6.936	0.1127	0.0808	48	0.57	005.05	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			
005	Ash (%)	0845	7.000	0.1000	6.936	0.1127	0.0808	48	0.57	005.05	0
005	Ash (%)	2207	7.015	0.0700	6.936	0.1127	0.0808	48	0.70	005.00	0
005	Ash (%)	2220	7.025	0.1100	6.936	0.1127	0.0808	48	0.79	005.00	0
005	Ash (%)	2362	7.035	0.0700	6.936	0.1127	0.0808	48	0.88	005.00	0
005	Ash (%)	2293	7.040	0.0000	6.936	0.1127	0.0808	48	0.92	005.00	0
005	Ash (%)	0510	7.050	0.0200	6.936	0.1127	0.0808	48	1.01	005.00	0
005	Ash (%)	0242	7.060	0.1000	6.936	0.1127	0.0808	48	1.10	005.00	0
005	Ash (%)	2331	7.070	0.0000	6.936	0.1127	0.0808	48	1.19	005.00	0
005	Ash (%)	2219	7.075	0.2300	6.936	0.1127	0.0808	48	1.23	005.00	0
005	Ash (%)	0529	7.190	0.1000	6.936	0.1127	0.0808	48	2.25	005.00	0
005	Ash (%)	2089	7.230	0.1000	6.936	0.1127	0.0808	48	2.61	005.00	0
005	Ash (%)	2169	7.370	0.2600	6.936	0.1127	0.0808	48	3.85	005.99	0
005	Ash (%)	0554	7.410	0.3800	6.936	0.1127	0.0808	48	4.21	005.00	1
005	Ash (%)	2232	2.355	0.0100	6.936	0.1127	0.0808	48	-40.64	005.11	2
006	Total Sugars (%)	0910	12.20	0.4100				3		006.00	0
006	Total Sugars (%)	0407	16.46	0.5100				3		006.00	0
006	Total Sugars (%)	2320	24.55	0.0000				3		006.05	0
008	Fiber, Acid Detergent (%)	0889	19.06	0.0600	20.49	1.113	0.3768	8	-1.28	008.08	0
008	Fiber, Acid Detergent (%)	0870	19.50	0.3105	20.49	1.113	0.3768	8	-0.89	008.08	0
008	Fiber, Acid Detergent (%)	0042	20.02	1.030	20.49	1.113	0.3768	8	-0.43	008.08	0
008	Fiber, Acid Detergent (%)	0910	20.44	0.3200	20.49	1.113	0.3768	8	-0.04	008.99	0
008	Fiber, Acid Detergent (%)	0164	20.70	0.0000	20.49	1.113	0.3768	8	0.19	008.08	0
008	Fiber, Acid Detergent (%)	0407	20.82	0.1327	20.49	1.113	0.3768	8	0.30	008.08	0
008	Fiber, Acid Detergent (%)	0309	21.23	1.092	20.49	1.113	0.3768	8	0.66	008.02	0
008	Fiber, Acid Detergent (%)	0171	34.67	0.0700	20.49	1.113	0.3768	8	12.74	008.02	0
009	Fiber, Neutral Detergent (%)	0309	22.54	0.0121	23.95	1.316	0.4588	6	-1.07	009.07	0
009	Fiber, Neutral Detergent (%)	0164	23.10	0.2000	23.95	1.316	0.4588	6	-0.65	009.09	0
009	Fiber, Neutral Detergent (%)	0870	23.85	1.417	23.95	1.316	0.4588	6	-0.08	009.09	0
009	Fiber, Neutral Detergent (%)	0407	24.05	0.8242	23.95	1.316	0.4588	6	0.08	009.09	0
009	Fiber, Neutral Detergent (%)	0910	24.25	0.3000	23.95	1.316	0.4588	6	0.22	009.99	0
009	Fiber, Neutral Detergent (%)	0889	26.09	0.0000	23.95	1.316	0.4588	6	1.62	009.09	0
010	Moisture (%)	2232	5.810	0.1200				3		010.11	0
010	Moisture (%)	0164	8.115	0.0500				3		010.03	0
010	Moisture (%)	2089	8.800	0.1800				3		010.99	0
011	Loss on Drying, HT (%)	2250	8.695	0.3100	11.43	0.9052	0.1535	20	-3.03	011.03	0
011	Loss on Drying, HT (%)	2320	9.420	0.0200	11.43	0.9052	0.1535	20	-2.22	011.02	0
011	Loss on Drying, HT (%)	2016	10.12	0.4200	11.43	0.9052	0.1535	20	-1.45	011.01	0
011	Loss on Drying, HT (%)	2033	10.72	0.0000	11.43	0.9052	0.1535	20	-0.79	011.01	0
011	Loss on Drying, HT (%)	0208	10.85	0.1000	11.43	0.9052	0.1535	20	-0.64	011.01	0
011	Loss on Drying, HT (%)	0554	11.18	0.0600	11.43	0.9052	0.1535	20	-0.28	011.01	0
011	Loss on Drying, HT (%)	2312	11.20	0.3300	11.43	0.9052	0.1535	20	-0.26	011.01	0
011	Loss on Drying, HT (%)	2232	11.41	0.0100	11.43	0.9052	0.1535	20	-0.03	011.01	0

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011	Loss on Drying, HT (%)	0553	11.42	0.1800	11.43	0.9052	0.1535	20	-0.02	011.01	0
011	Loss on Drying, HT (%)	0529	11.42	0.0200	11.43	0.9052	0.1535	20	-0.02	011.02	0
011	Loss on Drying, HT (%)	0171	11.44	0.0000	11.43	0.9052	0.1535	20	0.01	011.01	0
011	Loss on Drying, HT (%)	2207	11.50	0.0000	11.43	0.9052	0.1535	20	0.07	011.01	0
011	Loss on Drying, HT (%)	0098	11.51	0.4700	11.43	0.9052	0.1535	20	0.08	011.01	0
011	Loss on Drying, HT (%)	0870	11.79	0.3362	11.43	0.9052	0.1535	20	0.39	011.01	0
011	Loss on Drying, HT (%)	0164	11.82	0.0200	11.43	0.9052	0.1535	20	0.43	011.01	0
011	Loss on Drying, HT (%)	0242	11.90	0.4300	11.43	0.9052	0.1535	20	0.51	011.01	0
011	Loss on Drying, HT (%)	0407	12.38	0.2246	11.43	0.9052	0.1535	20	1.05	011.01	0
011	Loss on Drying, HT (%)	0511	12.48	0.1100	11.43	0.9052	0.1535	20	1.15	011.01	0
011	Loss on Drying, HT (%)	0309	12.62	0.0300	11.43	0.9052	0.1535	20	1.30	011.01	0
011	Loss on Drying, HT (%)	0510	13.20	0.0000	11.43	0.9052	0.1535	20	1.95	011.01	0
011	Loss on Drying, HT (%)	0047	22.45	17.30	11.43	0.9052	0.1535	20	12.17	011.01	1
012	Starch (%)	0510	0.8500	0.1000	1.824	1.175	0.2703	7	-0.83	012.04	0
012	Starch (%)	0164	1.000	0.0000	1.824	1.175	0.2703	7	-0.70	012.01	0
012	Starch (%)	0407	1.142	0.4973	1.824	1.175	0.2703	7	-0.58	012.03	0
012	Starch (%)	0407	1.284	0.0193	1.824	1.175	0.2703	7	-0.46	012.01	0
012	Starch (%)	0870	2.170	0.0055	1.824	1.175	0.2703	7	0.29	012.01	0
012	Starch (%)	2242	2.735	0.6700	1.824	1.175	0.2703	7	0.78	012.01	0
012	Starch (%)	0164	14.20	0.6000	1.824	1.175	0.2703	7	10.54	012.00	0
013	Fat, Acid Pretreat (%)	2124	2.370	0.3000	3.783	0.9055	0.2407	18	-1.56	013.10	0
013	Fat, Acid Pretreat (%)	2252	2.940	0.5400	3.783	0.9055	0.2407	18	-0.93	013.00	0
013	Fat, Acid Pretreat (%)	0845	2.955	0.0500	3.783	0.9055	0.2407	18	-0.91	013.10	0
013	Fat, Acid Pretreat (%)	0242	2.965	0.0900	3.783	0.9055	0.2407	18	-0.90	013.00	0
013	Fat, Acid Pretreat (%)	0065	3.128	0.2150	3.783	0.9055	0.2407	18	-0.72	013.02	0
013	Fat, Acid Pretreat (%)	0208	3.195	0.1300	3.783	0.9055	0.2407	18	-0.65	013.02	0
013	Fat, Acid Pretreat (%)	0098	3.395	0.1900	3.783	0.9055	0.2407	18	-0.43	013.02	0
013	Fat, Acid Pretreat (%)	0650	3.405	0.0300	3.783	0.9055	0.2407	18	-0.42	013.00	0
013	Fat, Acid Pretreat (%)	0870	3.778	0.1970	3.783	0.9055	0.2407	18	-0.01	013.02	0
013	Fat, Acid Pretreat (%)	0164	3.895	0.0500	3.783	0.9055	0.2407	18	0.12	013.02	0
013	Fat, Acid Pretreat (%)	0873	3.995	0.1900	3.783	0.9055	0.2407	18	0.23	013.02	0
013	Fat, Acid Pretreat (%)	0553	4.040	0.1200	3.783	0.9055	0.2407	18	0.28	013.02	0
013	Fat, Acid Pretreat (%)	0407	4.070	0.7800	3.783	0.9055	0.2407	18	0.32	013.02	0
013	Fat, Acid Pretreat (%)	0910	4.270	0.2400	3.783	0.9055	0.2407	18	0.54	013.00	0
013	Fat, Acid Pretreat (%)	2016	4.425	0.1700	3.783	0.9055	0.2407	18	0.71	013.00	0
013	Fat, Acid Pretreat (%)	2312	4.930	0.7000	3.783	0.9055	0.2407	18	1.27	013.02	0
013	Fat, Acid Pretreat (%)	0309	5.351	0.0935	3.783	0.9055	0.2407	18	1.73	013.00	0
013	Fat, Acid Pretreat (%)	0407	5.728	0.2469	3.783	0.9055	0.2407	18	2.15	013.13	0
014	Fiber, Total Dietary (%)	0164	47.15	0.3000				1		014.01	0
015	Aluminum (ppm)	0407	90.13	8.326	100.4	11.72	4.381	7	-0.88	015.43	0
015	Aluminum (ppm)	0407	92.94	1.512	100.4	11.72	4.381	7	-0.64	015.41	0
015	Aluminum (ppm)	0407	95.01	3.627	100.4	11.72	4.381	7	-0.46	015.53	0

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015	Aluminum (ppm)	0510	96.50	3.000	100.4	11.72	4.381	7	-0.34	015.43	0
015	Aluminum (ppm)	0164	99.00	0.0000	100.4	11.72	4.381	7	-0.12	015.41	0
015	Aluminum (ppm)	0553	111.5	11.00	100.4	11.72	4.381	7	0.94	015.53	0
015	Aluminum (ppm)	0171	242.7	3.200	100.4	11.72	4.381	7	12.13	015.41	0
017	Boron (ppm)	0407	30.28	3.681	32.93	3.360	1.037	6	-0.79	017.53	0
017	Boron (ppm)	0407	30.31	0.8110	32.93	3.360	1.037	6	-0.78	017.43	0
017	Boron (ppm)	0407	30.90	0.0676	32.93	3.360	1.037	6	-0.60	017.41	0
017	Boron (ppm)	0918	33.06	0.1600	32.93	3.360	1.037	6	0.04	017.43	0
017	Boron (ppm)	0510	36.50	1.000	32.93	3.360	1.037	6	1.06	017.43	0
017	Boron (ppm)	0553	36.55	0.5000	32.93	3.360	1.037	6	1.08	017.53	0
019	Calcium (%)	0918	0.6495	0.0890	0.6933	0.0235	0.0178	40	-1.86	019.43	0
019	Calcium (%)	0171	0.6600	0.0000	0.6933	0.0235	0.0178	40	-1.42	019.41	0
019	Calcium (%)	0510	0.6600	0.0200	0.6933	0.0235	0.0178	40	-1.42	019.43	0
019	Calcium (%)	2232	0.6605	0.0150	0.6933	0.0235	0.0178	40	-1.39	019.44	0
019	Calcium (%)	1021	0.6700	0.0200	0.6933	0.0235	0.0178	40	-0.99	019.41	0
019	Calcium (%)	0065	0.6700	0.0200	0.6933	0.0235	0.0178	40	-0.99	019.44	0
019	Calcium (%)	0164	0.6735	0.0010	0.6933	0.0235	0.0178	40	-0.84	019.41	0
019	Calcium (%)	0529	0.6750	0.0100	0.6933	0.0235	0.0178	40	-0.78	019.31	0
019	Calcium (%)	0910	0.6750	0.0100	0.6933	0.0235	0.0178	40	-0.78	019.41	0
019	Calcium (%)	1023	0.6750	0.0100	0.6933	0.0235	0.0178	40	-0.78	019.41	0
019	Calcium (%)	1022	0.6750	0.0100	0.6933	0.0235	0.0178	40	-0.78	019.44	0
019	Calcium (%)	0242	0.6750	0.0900	0.6933	0.0235	0.0178	40	-0.78	019.99	0
019	Calcium (%)	0407	0.6769	0.0055	0.6933	0.0235	0.0178	40	-0.70	019.53	0
019	Calcium (%)	0553	0.6810	0.0080	0.6933	0.0235	0.0178	40	-0.52	019.53	0
019	Calcium (%)	0098	0.6850	0.0100	0.6933	0.0235	0.0178	40	-0.35	019.41	0
019	Calcium (%)	0511	0.6850	0.0300	0.6933	0.0235	0.0178	40	-0.35	019.41	0
019	Calcium (%)	2114	0.6890	0.0001	0.6933	0.0235	0.0178	40	-0.19	019.44	0
019	Calcium (%)	1024	0.6900	0.0000	0.6933	0.0235	0.0178	40	-0.14	019.41	0
019	Calcium (%)	2361	0.6900	0.0400	0.6933	0.0235	0.0178	40	-0.14	019.44	0
019	Calcium (%)	0870	0.6926	0.0246	0.6933	0.0235	0.0178	40	-0.03	019.43	0
019	Calcium (%)	0010	0.6950	0.0100	0.6933	0.0235	0.0178	40	0.07	019.43	0
019	Calcium (%)	0042	0.6970	0.0140	0.6933	0.0235	0.0178	40	0.16	019.43	0
019	Calcium (%)	2207	0.7000	0.0000	0.6933	0.0235	0.0178	40	0.28	019.42	0
019	Calcium (%)	2331	0.7010	0.0040	0.6933	0.0235	0.0178	40	0.33	019.44	0
019	Calcium (%)	2362	0.7020	0.0040	0.6933	0.0235	0.0178	40	0.37	019.44	0
019	Calcium (%)	0027	0.7030	0.0020	0.6933	0.0235	0.0178	40	0.41	019.43	0
019	Calcium (%)	2115	0.7050	0.0100	0.6933	0.0235	0.0178	40	0.50	019.31	0
019	Calcium (%)	2089	0.7050	0.0100	0.6933	0.0235	0.0178	40	0.50	019.43	0
019	Calcium (%)	2220	0.7050	0.0100	0.6933	0.0235	0.0178	40	0.50	019.44	0
019	Calcium (%)	2156	0.7055	0.0030	0.6933	0.0235	0.0178	40	0.52	019.44	0
019	Calcium (%)	0870	0.7080	0.0062	0.6933	0.0235	0.0178	40	0.62	019.42	0
019	Calcium (%)	2293	0.7100	0.0000	0.6933	0.0235	0.0178	40	0.71	019.44	0



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			Value	Range	Rob Mean	Robust SD	R-bar	# Tests			
019	Calcium (%)	0407	0.7127	0.0047	0.6933	0.0235	0.0178	40	0.82	019.41	0
019	Calcium (%)	2124	0.7150	0.0100	0.6933	0.0235	0.0178	40	0.92	019.43	0
019	Calcium (%)	0876	0.7180	0.0260	0.6933	0.0235	0.0178	40	1.05	019.43	0
019	Calcium (%)	0407	0.7200	0.0106	0.6933	0.0235	0.0178	40	1.13	019.43	0
019	Calcium (%)	0098	0.7350	0.0300	0.6933	0.0235	0.0178	40	1.77	019.43	0
019	Calcium (%)	2252	0.7435	0.0730	0.6933	0.0235	0.0178	40	2.13	019.44	0
019	Calcium (%)	0001	0.7715	0.0128	0.6933	0.0235	0.0178	40	3.32	019.31	0
019	Calcium (%)	0047	0.8820	0.0580	0.6933	0.0235	0.0178	40	8.02	019.52	0
019	Calcium (%)	2320	6,985	150.0	0.6933	0.0235	0.0178	40	296778.37	019.42	2
021	Cobalt (ppm)	0407	6.212	0.3163	6.896	0.5617	0.2973	7	-1.22	021.43	0
021	Cobalt (ppm)	0171	6.245	0.0990	6.896	0.5617	0.2973	7	-1.16	021.41	0
021	Cobalt (ppm)	0553	6.945	0.7300	6.896	0.5617	0.2973	7	0.09	021.53	0
021	Cobalt (ppm)	0164	7.000	0.4400	6.896	0.5617	0.2973	7	0.19	021.41	0
021	Cobalt (ppm)	0407	7.032	0.0254	6.896	0.5617	0.2973	7	0.24	021.53	0
021	Cobalt (ppm)	0510	7.410	0.4000	6.896	0.5617	0.2973	7	0.91	021.43	0
021	Cobalt (ppm)	0407	7.429	0.0703	6.896	0.5617	0.2973	7	0.95	021.41	0
022	Copper (ppm)	0407	6.558	0.9966	7.433	0.6896	0.2979	17	-1.27	022.53	0
022	Copper (ppm)	0407	6.959	0.0151	7.433	0.6896	0.2979	17	-0.69	022.41	0
022	Copper (ppm)	2207	7.000	0.0000	7.433	0.6896	0.2979	17	-0.63	022.42	0
022	Copper (ppm)	0510	7.000	0.0000	7.433	0.6896	0.2979	17	-0.63	022.43	0
022	Copper (ppm)	0098	7.010	0.6000	7.433	0.6896	0.2979	17	-0.61	022.43	0
022	Copper (ppm)	0918	7.025	0.0500	7.433	0.6896	0.2979	17	-0.59	022.43	0
022	Copper (ppm)	0407	7.033	0.4941	7.433	0.6896	0.2979	17	-0.58	022.43	0
022	Copper (ppm)	0164	7.200	0.0000	7.433	0.6896	0.2979	17	-0.34	022.41	0
022	Copper (ppm)	2124	7.230	0.2400	7.433	0.6896	0.2979	17	-0.29	022.43	0
022	Copper (ppm)	0553	7.235	0.2100	7.433	0.6896	0.2979	17	-0.29	022.53	0
022	Copper (ppm)	0098	7.240	0.0000	7.433	0.6896	0.2979	17	-0.28	022.41	0
022	Copper (ppm)	0910	7.500	1.000	7.433	0.6896	0.2979	17	0.10	022.44	0
022	Copper (ppm)	0870	7.810	0.2120	7.433	0.6896	0.2979	17	0.55	022.43	0
022	Copper (ppm)	0870	8.154	0.4760	7.433	0.6896	0.2979	17	1.05	022.42	0
022	Copper (ppm)	0042	8.880	0.1000	7.433	0.6896	0.2979	17	2.10	022.43	0
022	Copper (ppm)	0171	9.365	0.0500	7.433	0.6896	0.2979	17	2.80	022.41	0
022	Copper (ppm)	2089	12.34	0.6200	7.433	0.6896	0.2979	17	7.12	022.43	0
022	Copper (ppm)	0242	9.000	4.000	7.433	0.6896	0.2979	17	2.27	022.99	1
022	Copper (ppm)	0529	< 9.37		7.433	0.6896	0.2979	17		022.31	5
023	Fluorine (ppm)	2033	< 5					0		023.01	5
025	Iron (ppm)	0047	940.5	19.00	1,068	76.66	35.82	24	-1.66	025.52	0
025	Iron (ppm)	0511	940.5	57.00	1,068	76.66	35.82	24	-1.66	025.41	0
025	Iron (ppm)	2207	968.5	35.00	1,068	76.66	35.82	24	-1.29	025.42	0
025	Iron (ppm)	0553	985.5	69.00	1,068	76.66	35.82	24	-1.07	025.53	0
025	Iron (ppm)	0164	1,003	35.00	1,068	76.66	35.82	24	-0.85	025.41	0
025	Iron (ppm)	0529	1,023	36.00	1,068	76.66	35.82	24	-0.58	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)	0242	1,040	69.00	1,068	76.66	35.82	24	-0.37	025.99	0
025	Iron (ppm)	0407	1,040	1.241	1,068	76.66	35.82	24	-0.36	025.53	0
025	Iron (ppm)	0042	1,045	14.00	1,068	76.66	35.82	24	-0.30	025.43	0
025	Iron (ppm)	0876	1,045	50.00	1,068	76.66	35.82	24	-0.30	025.43	0
025	Iron (ppm)	0407	1,054	18.90	1,068	76.66	35.82	24	-0.17	025.43	0
025	Iron (ppm)	0407	1,064	19.77	1,068	76.66	35.82	24	-0.05	025.41	0
025	Iron (ppm)	2115	1,064	8.400	1,068	76.66	35.82	24	-0.04	025.31	0
025	Iron (ppm)	0098	1,068	62.00	1,068	76.66	35.82	24	0.00	025.41	0
025	Iron (ppm)	0870	1,087	55.00	1,068	76.66	35.82	24	0.25	025.42	0
025	Iron (ppm)	0870	1,099	31.00	1,068	76.66	35.82	24	0.40	025.43	0
025	Iron (ppm)	0910	1,101	58.00	1,068	76.66	35.82	24	0.44	025.41	0
025	Iron (ppm)	2114	1,112	2.710	1,068	76.66	35.82	24	0.58	025.43	0
025	Iron (ppm)	2124	1,120	67.16	1,068	76.66	35.82	24	0.68	025.43	0
025	Iron (ppm)	0098	1,121	1.000	1,068	76.66	35.82	24	0.69	025.43	0
025	Iron (ppm)	0171	1,140	51.00	1,068	76.66	35.82	24	0.94	025.41	0
025	Iron (ppm)	0510	1,175	50.00	1,068	76.66	35.82	24	1.40	025.43	0
025	Iron (ppm)	2089	1,199	29.57	1,068	76.66	35.82	24	1.71	025.43	0
025	Iron (ppm)	2320	1,270	20.00	1,068	76.66	35.82	24	2.64	025.41	0
025	Iron (ppm)	0918	564.8	928.1	1,068	76.66	35.82	24	-6.56	025.43	1
027	Magnesium (%)	0529	0.1510	0.0060	0.1803	0.0067	0.0048	32	-4.36	027.31	0
027	Magnesium (%)	0407	0.1665	0.0026	0.1803	0.0067	0.0048	32	-2.05	027.43	0
027	Magnesium (%)	0870	0.1715	0.0050	0.1803	0.0067	0.0048	32	-1.31	027.43	0
027	Magnesium (%)	0407	0.1721	0.0106	0.1803	0.0067	0.0048	32	-1.22	027.41	0
027	Magnesium (%)	0407	0.1727	0.0031	0.1803	0.0067	0.0048	32	-1.14	027.53	0
027	Magnesium (%)	0098	0.1750	0.0100	0.1803	0.0067	0.0048	32	-0.79	027.41	0
027	Magnesium (%)	0510	0.1750	0.0100	0.1803	0.0067	0.0048	32	-0.79	027.43	0
027	Magnesium (%)	0242	0.1750	0.0100	0.1803	0.0067	0.0048	32	-0.79	027.99	0
027	Magnesium (%)	0870	0.1759	0.0037	0.1803	0.0067	0.0048	32	-0.66	027.42	0
027	Magnesium (%)	2232	0.1765	0.0050	0.1803	0.0067	0.0048	32	-0.57	027.41	0
027	Magnesium (%)	0171	0.1770	0.0020	0.1803	0.0067	0.0048	32	-0.49	027.41	0
027	Magnesium (%)	0876	0.1770	0.0020	0.1803	0.0067	0.0048	32	-0.49	027.43	0
027	Magnesium (%)	0065	0.1773	0.0015	0.1803	0.0067	0.0048	32	-0.45	027.44	0
027	Magnesium (%)	0164	0.1775	0.0010	0.1803	0.0067	0.0048	32	-0.42	027.41	0
027	Magnesium (%)	1021	0.1800	0.0060	0.1803	0.0067	0.0048	32	-0.05	027.41	0
027	Magnesium (%)	2207	0.1800	0.0000	0.1803	0.0067	0.0048	32	-0.05	027.42	0
027	Magnesium (%)	2361	0.1800	0.0080	0.1803	0.0067	0.0048	32	-0.05	027.44	0
027	Magnesium (%)	1022	0.1830	0.0040	0.1803	0.0067	0.0048	32	0.40	027.44	0
027	Magnesium (%)	2362	0.1830	0.0020	0.1803	0.0067	0.0048	32	0.40	027.44	0
027	Magnesium (%)	1023	0.1835	0.0030	0.1803	0.0067	0.0048	32	0.48	027.41	0
027	Magnesium (%)	0553	0.1840	0.0020	0.1803	0.0067	0.0048	32	0.55	027.53	0
027	Magnesium (%)	0042	0.1850	0.0040	0.1803	0.0067	0.0048	32	0.70	027.43	0
027	Magnesium (%)	0098	0.1850	0.0100	0.1803	0.0067	0.0048	32	0.70	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 (%)	2124	0.1850	0.0100	0.1803	0.0067	0.0048	32	0.70	027.43	0
027	Magnesium (%)	2331	0.1850	0.0020	0.1803	0.0067	0.0048	32	0.70	027.44	0
027	Magnesium (%)	2156	0.1860	0.0040	0.1803	0.0067	0.0048	32	0.85	027.44	0
027	Magnesium (%)	2220	0.1860	0.0040	0.1803	0.0067	0.0048	32	0.85	027.44	0
027	Magnesium (%)	0918	0.1865	0.0010	0.1803	0.0067	0.0048	32	0.92	027.43	0
027	Magnesium (%)	2293	0.1865	0.0010	0.1803	0.0067	0.0048	32	0.92	027.44	0
027	Magnesium (%)	1024	0.1880	0.0020	0.1803	0.0067	0.0048	32	1.15	027.41	0
027	Magnesium (%)	2089	0.1900	0.0000	0.1803	0.0067	0.0048	32	1.44	027.43	0
027	Magnesium (%)	2252	0.1945	0.0170	0.1803	0.0067	0.0048	32	2.11	027.44	0
028	Manganese (ppm)	0870	27.11	1.010	30.90	1.165	0.9133	21	-3.26	028.43	0
028	Manganese (ppm)	0870	27.56	0.1100	30.90	1.165	0.9133	21	-2.88	028.42	0
028	Manganese (ppm)	0242	29.50	3.000	30.90	1.165	0.9133	21	-1.21	028.99	0
028	Manganese (ppm)	0553	29.95	0.9000	30.90	1.165	0.9133	21	-0.82	028.53	0
028	Manganese (ppm)	0164	30.00	0.0000	30.90	1.165	0.9133	21	-0.78	028.41	0
028	Manganese (ppm)	0407	30.16	0.7359	30.90	1.165	0.9133	21	-0.64	028.41	0
028	Manganese (ppm)	2207	30.50	1.000	30.90	1.165	0.9133	21	-0.35	028.42	0
028	Manganese (ppm)	0098	30.60	0.2300	30.90	1.165	0.9133	21	-0.27	028.41	0
028	Manganese (ppm)	0407	30.69	0.1332	30.90	1.165	0.9133	21	-0.19	028.43	0
028	Manganese (ppm)	0918	30.71	0.3400	30.90	1.165	0.9133	21	-0.17	028.43	0
028	Manganese (ppm)	0171	30.74	1.470	30.90	1.165	0.9133	21	-0.15	028.41	0
028	Manganese (ppm)	2361	30.92	1.720	30.90	1.165	0.9133	21	0.01	028.41	0
028	Manganese (ppm)	2089	30.92	1.140	30.90	1.165	0.9133	21	0.01	028.43	0
028	Manganese (ppm)	1022	31.42	0.7600	30.90	1.165	0.9133	21	0.44	028.44	0
028	Manganese (ppm)	0407	31.83	1.189	30.90	1.165	0.9133	21	0.80	028.53	0
028	Manganese (ppm)	1024	31.93	0.0200	30.90	1.165	0.9133	21	0.88	028.41	0
028	Manganese (ppm)	0529	31.95	1.900	30.90	1.165	0.9133	21	0.90	028.31	0
028	Manganese (ppm)	0510	32.00	0.0000	30.90	1.165	0.9133	21	0.94	028.43	0
028	Manganese (ppm)	0042	32.05	2.700	30.90	1.165	0.9133	21	0.98	028.43	0
028	Manganese (ppm)	2124	32.25	0.8100	30.90	1.165	0.9133	21	1.15	028.43	0
028	Manganese (ppm)	0098	32.58	0.0100	30.90	1.165	0.9133	21	1.43	028.43	0
031	Phosphorus (%)	0164	0.3025	0.0010	0.3241	0.0122	0.0050	30	-1.78	031.41	0
031	Phosphorus (%)	0407	0.3077	0.0180	0.3241	0.0122	0.0050	30	-1.35	031.53	0
031	Phosphorus (%)	2232	0.3085	0.0070	0.3241	0.0122	0.0050	30	-1.28	031.41	0
031	Phosphorus (%)	0065	0.3092	0.0017	0.3241	0.0122	0.0050	30	-1.23	031.44	0
031	Phosphorus (%)	0876	0.3095	0.0090	0.3241	0.0122	0.0050	30	-1.20	031.43	0
031	Phosphorus (%)	0242	0.3100	0.0000	0.3241	0.0122	0.0050	30	-1.16	031.99	0
031	Phosphorus (%)	0407	0.3137	0.0041	0.3241	0.0122	0.0050	30	-0.86	031.43	0
031	Phosphorus (%)	1021	0.3150	0.0100	0.3241	0.0122	0.0050	30	-0.75	031.41	0
031	Phosphorus (%)	0407	0.3164	0.0040	0.3241	0.0122	0.0050	30	-0.63	031.41	0
031	Phosphorus (%)	0171	0.3200	0.0000	0.3241	0.0122	0.0050	30	-0.34	031.41	0
031	Phosphorus (%)	1023	0.3200	0.0000	0.3241	0.0122	0.0050	30	-0.34	031.41	0
031	Phosphorus (%)	1022	0.3200	0.0000	0.3241	0.0122	0.0050	30	-0.34	031.44	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 (%)	2361	0.3225	0.0190	0.3241	0.0122	0.0050	30	-0.13	031.44	0
031	Phosphorus (%)	1024	0.3250	0.0100	0.3241	0.0122	0.0050	30	0.07	031.41	0
031	Phosphorus (%)	2362	0.3265	0.0010	0.3241	0.0122	0.0050	30	0.20	031.44	0
031	Phosphorus (%)	0098	0.3272	0.0099	0.3241	0.0122	0.0050	30	0.25	031.41	0
031	Phosphorus (%)	2331	0.3280	0.0000	0.3241	0.0122	0.0050	30	0.32	031.44	0
031	Phosphorus (%)	0870	0.3286	0.0136	0.3241	0.0122	0.0050	30	0.37	031.43	0
031	Phosphorus (%)	2207	0.3300	0.0000	0.3241	0.0122	0.0050	30	0.48	031.42	0
031	Phosphorus (%)	2124	0.3300	0.0000	0.3241	0.0122	0.0050	30	0.48	031.43	0
031	Phosphorus (%)	2220	0.3300	0.0000	0.3241	0.0122	0.0050	30	0.48	031.44	0
031	Phosphorus (%)	2293	0.3300	0.0000	0.3241	0.0122	0.0050	30	0.48	031.44	0
031	Phosphorus (%)	0042	0.3310	0.0100	0.3241	0.0122	0.0050	30	0.56	031.43	0
031	Phosphorus (%)	2156	0.3310	0.0020	0.3241	0.0122	0.0050	30	0.56	031.44	0
031	Phosphorus (%)	0870	0.3321	0.0066	0.3241	0.0122	0.0050	30	0.66	031.42	0
031	Phosphorus (%)	0918	0.3345	0.0010	0.3241	0.0122	0.0050	30	0.85	031.43	0
031	Phosphorus (%)	2089	0.3350	0.0100	0.3241	0.0122	0.0050	30	0.89	031.43	0
031	Phosphorus (%)	0553	0.3420	0.0020	0.3241	0.0122	0.0050	30	1.47	031.53	0
031	Phosphorus (%)	0098	0.3422	0.0004	0.3241	0.0122	0.0050	30	1.48	031.43	0
031	Phosphorus (%)	0510	0.3450	0.0100	0.3241	0.0122	0.0050	30	1.71	031.43	0
031	Phosphorus (%)	2252	0.3475	0.0350	0.3241	0.0122	0.0050	30	1.92	031.44	1
032	Potassium (%)	0529	1.720	0.0200	1.984	0.0785	0.0524	42	-3.36	032.31	0
032	Potassium (%)	0511	1.815	0.1700	1.984	0.0785	0.0524	42	-2.15	032.41	0
032	Potassium (%)	2115	1.830	0.0200	1.984	0.0785	0.0524	42	-1.96	032.31	0
032	Potassium (%)	0027	1.882	0.0110	1.984	0.0785	0.0524	42	-1.31	032.43	0
032	Potassium (%)	0164	1.885	0.0300	1.984	0.0785	0.0524	42	-1.26	032.41	0
032	Potassium (%)	0242	1.890	0.1000	1.984	0.0785	0.0524	42	-1.20	032.99	0
032	Potassium (%)	2361	1.900	0.1650	1.984	0.0785	0.0524	42	-1.08	032.44	0
032	Potassium (%)	2362	1.919	0.0180	1.984	0.0785	0.0524	42	-0.83	032.44	0
032	Potassium (%)	0171	1.920	0.0200	1.984	0.0785	0.0524	42	-0.82	032.41	0
032	Potassium (%)	0910	1.920	0.1400	1.984	0.0785	0.0524	42	-0.82	032.41	0
032	Potassium (%)	2232	1.930	0.0310	1.984	0.0785	0.0524	42	-0.69	032.41	0
032	Potassium (%)	2331	1.938	0.0380	1.984	0.0785	0.0524	42	-0.59	032.44	0
032	Potassium (%)	2156	1.947	0.0450	1.984	0.0785	0.0524	42	-0.48	032.44	0
032	Potassium (%)	2293	1.950	0.0600	1.984	0.0785	0.0524	42	-0.43	032.44	0
032	Potassium (%)	1021	1.960	0.2200	1.984	0.0785	0.0524	42	-0.31	032.41	0
032	Potassium (%)	2220	1.960	0.0400	1.984	0.0785	0.0524	42	-0.31	032.44	0
032	Potassium (%)	0065	1.963	0.0133	1.984	0.0785	0.0524	42	-0.26	032.44	0
032	Potassium (%)	1022	1.965	0.0100	1.984	0.0785	0.0524	42	-0.24	032.44	0
032	Potassium (%)	2114	1.972	0.0214	1.984	0.0785	0.0524	42	-0.15	032.44	0
032	Potassium (%)	0098	1.975	0.0100	1.984	0.0785	0.0524	42	-0.11	032.43	0
032	Potassium (%)	0407	1.977	0.0271	1.984	0.0785	0.0524	42	-0.09	032.41	0
032	Potassium (%)	2207	1.980	0.0200	1.984	0.0785	0.0524	42	-0.05	032.42	0
032	Potassium (%)	0407	2.003	0.0067	1.984	0.0785	0.0524	42	0.24	032.43	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			
032	Potassium (%)	0918	2.009	0.0060	1.984	0.0785	0.0524	42	0.32	032.43	0
032	Potassium (%)	2089	2.010	0.1400	1.984	0.0785	0.0524	42	0.33	032.43	0
032	Potassium (%)	0407	2.010	0.0357	1.984	0.0785	0.0524	42	0.33	032.53	0
032	Potassium (%)	1023	2.015	0.0300	1.984	0.0785	0.0524	42	0.39	032.41	0
032	Potassium (%)	1024	2.020	0.0600	1.984	0.0785	0.0524	42	0.46	032.41	0
032	Potassium (%)	0553	2.020	0.0000	1.984	0.0785	0.0524	42	0.46	032.53	0
032	Potassium (%)	0001	2.024	0.0430	1.984	0.0785	0.0524	42	0.50	032.99	0
032	Potassium (%)	0098	2.035	0.0500	1.984	0.0785	0.0524	42	0.65	032.41	0
032	Potassium (%)	0042	2.035	0.0700	1.984	0.0785	0.0524	42	0.65	032.43	0
032	Potassium (%)	0510	2.040	0.0200	1.984	0.0785	0.0524	42	0.71	032.43	0
032	Potassium (%)	2124	2.040	0.0600	1.984	0.0785	0.0524	42	0.71	032.43	0
032	Potassium (%)	2252	2.044	0.1670	1.984	0.0785	0.0524	42	0.76	032.44	0
032	Potassium (%)	0876	2.045	0.0500	1.984	0.0785	0.0524	42	0.78	032.43	0
032	Potassium (%)	0208	2.070	0.0800	1.984	0.0785	0.0524	42	1.10	032.31	0
032	Potassium (%)	0010	2.085	0.0300	1.984	0.0785	0.0524	42	1.29	032.43	0
032	Potassium (%)	0208	2.089	0.0310	1.984	0.0785	0.0524	42	1.33	032.41	0
032	Potassium (%)	0870	2.108	0.0080	1.984	0.0785	0.0524	42	1.58	032.42	0
032	Potassium (%)	0870	2.128	0.0530	1.984	0.0785	0.0524	42	1.83	032.43	0
032	Potassium (%)	0047	2.215	0.0300	1.984	0.0785	0.0524	42	2.94	032.42	0
032	Potassium (%)	2320	6,140	100.0	1.984	0.0785	0.0524	42	78174.82	032.44	2
033	Salt as chloride (%)	0171	0.2500	0.0000	0.2734	0.0177	0.0000	7	-1.33	033.05	0
033	Salt as chloride (%)	0309	0.2600	0.0003	0.2734	0.0177	0.0000	7	-0.76	033.00	0
033	Salt as chloride (%)	0510	0.2640	0.0000	0.2734	0.0177	0.0000	7	-0.53	033.01	0
033	Salt as chloride (%)	0164	0.2800	0.0000	0.2734	0.0177	0.0000	7	0.37	033.01	0
033	Salt as chloride (%)	0242	0.2800	0.0000	0.2734	0.0177	0.0000	7	0.37	033.01	0
033	Salt as chloride (%)	0407	0.2900	0.0000	0.2734	0.0177	0.0000	7	0.94	033.01	0
033	Salt as chloride (%)	0650	0.2900	0.0000	0.2734	0.0177	0.0000	7	0.94	033.99	0
033	Salt as chloride (%)	0098	0.2750	0.0100	0.2734	0.0177	0.0000	7	0.09	033.01	1
034	Selenium, Total (Se) (ppm)	0171	0.0200	0.0200				3		034.04	0
034	Selenium, Total (Se) (ppm)	0553	0.0330	0.0034				3		034.53	0
034	Selenium, Total (Se) (ppm)	0407	0.0454	0.0063				3		034.53	0
034	Selenium, Total (Se) (ppm)	0164	< 0.5					3		034.53	5
035	Sodium (%)	0242	0.1250	0.0100	0.1478	0.0141	0.0029	31	-1.62	035.99	0
035	Sodium (%)	0870	0.1306	0.0028	0.1478	0.0141	0.0029	31	-1.22	035.43	0
035	Sodium (%)	0407	0.1331	0.0027	0.1478	0.0141	0.0029	31	-1.05	035.53	0
035	Sodium (%)	0870	0.1332	0.0024	0.1478	0.0141	0.0029	31	-1.04	035.42	0
035	Sodium (%)	0529	0.1380	0.0020	0.1478	0.0141	0.0029	31	-0.70	035.31	0
035	Sodium (%)	0407	0.1381	0.0011	0.1478	0.0141	0.0029	31	-0.69	035.43	0
035	Sodium (%)	0553	0.1385	0.0010	0.1478	0.0141	0.0029	31	-0.66	035.53	0
035	Sodium (%)	0065	0.1400	0.0000	0.1478	0.0141	0.0029	31	-0.55	035.41	0
035	Sodium (%)	2207	0.1400	0.0000	0.1478	0.0141	0.0029	31	-0.55	035.42	0
035	Sodium (%)	0098	0.1400	0.0000	0.1478	0.0141	0.0029	31	-0.55	035.43	0

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			Value	Range	Rob Mean	Robust SD	R-bar	# Tests			
035	Sodium (%)	0918	0.1410	0.0000	0.1478	0.0141	0.0029	31	-0.48	035.43	0
035	Sodium (%)	0510	0.1420	0.0040	0.1478	0.0141	0.0029	31	-0.41	035.43	0
035	Sodium (%)	2232	0.1430	0.0040	0.1478	0.0141	0.0029	31	-0.34	035.41	0
035	Sodium (%)	0876	0.1435	0.0030	0.1478	0.0141	0.0029	31	-0.31	035.43	0
035	Sodium (%)	0407	0.1435	0.0002	0.1478	0.0141	0.0029	31	-0.31	035.41	0
035	Sodium (%)	0164	0.1440	0.0000	0.1478	0.0141	0.0029	31	-0.27	035.41	0
035	Sodium (%)	0098	0.1450	0.0100	0.1478	0.0141	0.0029	31	-0.20	035.41	0
035	Sodium (%)	1021	0.1450	0.0100	0.1478	0.0141	0.0029	31	-0.20	035.41	0
035	Sodium (%)	0042	0.1460	0.0060	0.1478	0.0141	0.0029	31	-0.13	035.43	0
035	Sodium (%)	1022	0.1500	0.0000	0.1478	0.0141	0.0029	31	0.16	035.41	0
035	Sodium (%)	1023	0.1500	0.0000	0.1478	0.0141	0.0029	31	0.16	035.41	0
035	Sodium (%)	1024	0.1500	0.0000	0.1478	0.0141	0.0029	31	0.16	035.41	0
035	Sodium (%)	2089	0.1500	0.0000	0.1478	0.0141	0.0029	31	0.16	035.43	0
035	Sodium (%)	2361	0.1625	0.0030	0.1478	0.0141	0.0029	31	1.04	035.41	0
035	Sodium (%)	2362	0.1630	0.0060	0.1478	0.0141	0.0029	31	1.08	035.41	0
035	Sodium (%)	2331	0.1640	0.0020	0.1478	0.0141	0.0029	31	1.15	035.41	0
035	Sodium (%)	2156	0.1655	0.0010	0.1478	0.0141	0.0029	31	1.25	035.41	0
035	Sodium (%)	0171	0.1700	0.0000	0.1478	0.0141	0.0029	31	1.57	035.41	0
035	Sodium (%)	2220	0.1700	0.0000	0.1478	0.0141	0.0029	31	1.57	035.41	0
035	Sodium (%)	2293	0.1700	0.0000	0.1478	0.0141	0.0029	31	1.57	035.41	0
035	Sodium (%)	2252	0.1740	0.0180	0.1478	0.0141	0.0029	31	1.86	035.41	0
035	Sodium (%)	2124	0.1400	0.0200	0.1478	0.0141	0.0029	31	-0.55	035.43	1
036	Sulfur (%)	0407	0.1085	0.0012	0.1349	0.0117	0.0034	14	-2.26	036.42	0
036	Sulfur (%)	0242	0.1250	0.0100	0.1349	0.0117	0.0034	14	-0.85	036.99	0
036	Sulfur (%)	0407	0.1269	0.0006	0.1349	0.0117	0.0034	14	-0.69	036.43	0
036	Sulfur (%)	0042	0.1290	0.0080	0.1349	0.0117	0.0034	14	-0.51	036.43	0
036	Sulfur (%)	0870	0.1292	0.0050	0.1349	0.0117	0.0034	14	-0.49	036.43	0
036	Sulfur (%)	0164	0.1300	0.0000	0.1349	0.0117	0.0034	14	-0.42	036.42	0
036	Sulfur (%)	0171	0.1300	0.0000	0.1349	0.0117	0.0034	14	-0.42	036.42	0
036	Sulfur (%)	0870	0.1300	0.0034	0.1349	0.0117	0.0034	14	-0.42	036.42	0
036	Sulfur (%)	0876	0.1390	0.0060	0.1349	0.0117	0.0034	14	0.35	036.43	0
036	Sulfur (%)	0918	0.1415	0.0010	0.1349	0.0117	0.0034	14	0.56	036.43	0
036	Sulfur (%)	0098	0.1437	0.0019	0.1349	0.0117	0.0034	14	0.74	036.43	0
036	Sulfur (%)	2207	0.1450	0.0100	0.1349	0.0117	0.0034	14	0.86	036.42	0
036	Sulfur (%)	2089	0.1500	0.0000	0.1349	0.0117	0.0034	14	1.29	036.43	0
036	Sulfur (%)	0510	0.1600	0.0000	0.1349	0.0117	0.0034	14	2.14	036.43	0
036	Sulfur (%)	0553	0.1280	0.0300	0.1349	0.0117	0.0034	14	-0.59	036.53	1
037	Zinc (ppm)	0870	33.48	0.9000	39.03	3.933	1.917	18	-1.41	037.43	0
037	Zinc (ppm)	0870	33.69	0.4900	39.03	3.933	1.917	18	-1.36	037.42	0
037	Zinc (ppm)	0242	34.50	9.000	39.03	3.933	1.917	18	-1.15	037.99	0
037	Zinc (ppm)	0164	35.00	0.0000	39.03	3.933	1.917	18	-1.03	037.41	0
037	Zinc (ppm)	0918	37.23	0.3300	39.03	3.933	1.917	18	-0.46	037.43	0

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037	Zinc (ppm)	0407	37.87	8.937	39.03	3.933	1.917	18	-0.30	037.53	0
037	Zinc (ppm)	2124	37.97	0.3900	39.03	3.933	1.917	18	-0.27	037.43	0
037	Zinc (ppm)	2207	38.50	1.000	39.03	3.933	1.917	18	-0.14	037.42	0
037	Zinc (ppm)	0407	38.72	0.0311	39.03	3.933	1.917	18	-0.08	037.41	0
037	Zinc (ppm)	0098	38.96	1.020	39.03	3.933	1.917	18	-0.02	037.41	0
037	Zinc (ppm)	0407	39.09	0.2438	39.03	3.933	1.917	18	0.01	037.43	0
037	Zinc (ppm)	2089	40.92	5.450	39.03	3.933	1.917	18	0.48	037.43	0
037	Zinc (ppm)	0529	41.45	0.1000	39.03	3.933	1.917	18	0.62	037.31	0
037	Zinc (ppm)	0510	41.50	1.000	39.03	3.933	1.917	18	0.63	037.43	0
037	Zinc (ppm)	0553	41.55	1.100	39.03	3.933	1.917	18	0.64	037.53	0
037	Zinc (ppm)	0042	42.30	2.000	39.03	3.933	1.917	18	0.83	037.43	0
037	Zinc (ppm)	0098	45.50	1.920	39.03	3.933	1.917	18	1.64	037.43	0
037	Zinc (ppm)	0171	52.60	0.6000	39.03	3.933	1.917	18	3.45	037.41	0
038	Molybdenum (ppm)	0407	0.6722	0.0780	0.9088	0.1945	0.0311	8	-1.22	038.43	0
038	Molybdenum (ppm)	0407	0.7508	0.0028	0.9088	0.1945	0.0311	8	-0.81	038.41	0
038	Molybdenum (ppm)	0171	0.7750	0.0020	0.9088	0.1945	0.0311	8	-0.69	038.41	0
038	Molybdenum (ppm)	0164	0.8945	0.0650	0.9088	0.1945	0.0311	8	-0.07	038.53	0
038	Molybdenum (ppm)	0553	0.9665	0.0870	0.9088	0.1945	0.0311	8	0.30	038.53	0
038	Molybdenum (ppm)	2207	1.000	0.0000	0.9088	0.1945	0.0311	8	0.47	038.42	0
038	Molybdenum (ppm)	0407	1.011	0.0143	0.9088	0.1945	0.0311	8	0.53	038.53	0
038	Molybdenum (ppm)	0510	1.200	0.0000	0.9088	0.1945	0.0311	8	1.50	038.43	0
040	Barium (ppm)	0407	47.27	1.407				1		040.53	0
041	Vanadium (ppm)	0407	0.3040	0.0166				2		041.53	0
041	Vanadium (ppm)	0553	0.3270	0.0100				2		041.53	0
101	Choline Chloride (ppm)	0227	1,570	0.0000				1		101.02	0
102	Niacin (ppm)	0227	32.00	0.2000				1		102.01	0
103	Pantothenic Acid (ppm)	0227	7.780	0.2600				1		103.01	0
104	Riboflavin (ppm)	0227	5.840	0.5000				1		104.00	0
105	Thiamine (ppm)	0227	1.190	0.0600				1		105.01	0
106	Vitamin A (KU / kg)	0227	3.130	0.0000				1		106.02	0
107	Vitamin B12 (ppb)	0227	6.715	0.4100				1		107.00	0
108	Vitamin D3 (KU / kg)	0227	< 0.04					0		108.02	5
109	Vitamin E (IU / kg)	0227	55.05	0.7000				1		109.02	0
111	Vitamin C, Phosphorylated (ppm)	0227	< 14.3					0		111.00	5
112	Pyridoxine (µg / g)	0227	2.835	0.2700				1		112.01	0
113	Folic Acid (ppm)	0227	0.4060	0.0260				1		113.01	0
114	Biotin (ppm)	0227	0.1415	0.0070				1		114.01	0
120	Alanine (%)	0407	0.5085	0.0190	0.5321	0.0177	0.0099	4		120.05	0
120	Alanine (%)	0227	0.5300	0.0000	0.5321	0.0177	0.0099	4		120.99	0
120	Alanine (%)	0504	0.5400	0.0000	0.5321	0.0177	0.0099	4		120.00	0
120	Alanine (%)	0870	0.5500	0.0207	0.5321	0.0177	0.0099	4		120.00	0
121	Arginine (%)	0407	0.3880	0.0080	0.4432	0.0439	0.0027	4		121.05	0

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121	Arginine (%)	0504	0.4400	0.0000	0.4432	0.0439	0.0027	4	121.00	0	
121	Arginine (%)	0227	0.4500	0.0000	0.4432	0.0439	0.0027	4	121.99	0	
121	Arginine (%)	0870	0.4950	0.0029	0.4432	0.0439	0.0027	4	121.00	0	
122	Aspartic (%)	0407	0.8710	0.0220	0.9278	0.0413	0.0156	4	122.05	0	
122	Aspartic (%)	0504	0.9250	0.0100	0.9278	0.0413	0.0156	4	122.00	0	
122	Aspartic (%)	0227	0.9500	0.0200	0.9278	0.0413	0.0156	4	122.99	0	
122	Aspartic (%)	0870	0.9651	0.0105	0.9278	0.0413	0.0156	4	122.00	0	
124	Cysteine/Cystine (%)	0870	0.0748	0.0003	0.1003	0.0217	0.0046	4	124.00	0	
124	Cysteine/Cystine (%)	0227	0.0900	0.0000	0.1003	0.0217	0.0046	4	124.00	0	
124	Cysteine/Cystine (%)	0504	0.1150	0.0100	0.1003	0.0217	0.0046	4	124.00	0	
124	Cysteine/Cystine (%)	0407	0.1214	0.0079	0.1003	0.0217	0.0046	4	124.05	0	
125	Glutamic (%)	0407	1.229	0.0080	1.284	0.0575	0.0159	4	125.05	0	
125	Glutamic (%)	0504	1.245	0.0300	1.284	0.0575	0.0159	4	125.00	0	
125	Glutamic (%)	0227	1.310	0.0200	1.284	0.0575	0.0159	4	125.99	0	
125	Glutamic (%)	0870	1.353	0.0056	1.284	0.0575	0.0159	4	125.00	0	
126	Glycine (%)	0870	0.3829	0.0120				3	126.00	0	
126	Glycine (%)	0227	0.3900	0.0000				3	126.99	0	
126	Glycine (%)	0504	0.4000	0.0000				3	126.00	0	
126	Glycine (%)	0407	0.4630	0.0500				3	126.05	1	
127	Histidine (%)	0504	0.1600	0.0000				3	127.00	0	
127	Histidine (%)	0227	0.1700	0.0000				3	127.99	0	
127	Histidine (%)	0870	0.1958	0.0008				3	127.00	0	
127	Histidine (%)	0407	0.1850	0.0060				3	127.05	1	
128	Isoleucine (%)	0407	0.3655	0.0010				3	128.05	0	
128	Isoleucine (%)	0227	0.3900	0.0000				3	128.99	0	
128	Isoleucine (%)	0504	0.4100	0.0000				3	128.00	0	
128	Isoleucine (%)	0870	0.3451	0.0127				3	128.00	1	
129	Leucine (%)	0870	0.5927	0.0268	0.6013	0.0126	0.0190	4	129.00	0	
129	Leucine (%)	0227	0.5950	0.0100	0.6013	0.0126	0.0190	4	129.99	0	
129	Leucine (%)	0407	0.5975	0.0390	0.6013	0.0126	0.0190	4	129.05	0	
129	Leucine (%)	0504	0.6200	0.0000	0.6013	0.0126	0.0190	4	129.00	0	
130	L-Lysine (%)	0407	0.3045	0.0250	0.3517	0.0409	0.0167	4	130.05	0	
130	L-Lysine (%)	0870	0.3324	0.0018	0.3517	0.0409	0.0167	4	130.00	0	
130	L-Lysine (%)	0504	0.3750	0.0100	0.3517	0.0409	0.0167	4	130.00	0	
130	L-Lysine (%)	0227	0.3950	0.0300	0.3517	0.0409	0.0167	4	130.99	0	
131	Methionine (%)	0407	0.0947	0.0116	0.1377	0.0294	0.0080	4	131.05	0	
131	Methionine (%)	0504	0.1450	0.0100	0.1377	0.0294	0.0080	4	131.00	0	
131	Methionine (%)	0227	0.1500	0.0000	0.1377	0.0294	0.0080	4	131.00	0	
131	Methionine (%)	0870	0.1610	0.0105	0.1377	0.0294	0.0080	4	131.00	0	
132	Phenylalanine (%)	0227	0.3650	0.0100	0.3746	0.0070	0.0119	4	132.99	0	
132	Phenylalanine (%)	0870	0.3737	0.0064	0.3746	0.0070	0.0119	4	132.00	0	
132	Phenylalanine (%)	0407	0.3795	0.0310	0.3746	0.0070	0.0119	4	132.05	0	



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132	Phenylalanine (%)	0504	0.3800	0.0000	0.3746	0.0070	0.0119	4	132.00	0	
133	Proline (%)	0227	0.3100	0.0000	0.3252	0.0111	0.0074	4	133.99	0	
133	Proline (%)	0504	0.3250	0.0100	0.3252	0.0111	0.0074	4	133.00	0	
133	Proline (%)	0870	0.3296	0.0094	0.3252	0.0111	0.0074	4	133.00	0	
133	Proline (%)	0407	0.3360	0.0100	0.3252	0.0111	0.0074	4	133.05	0	
134	Serine (%)	0504	0.3500	0.0400	0.4176	0.0767	0.0305	4	134.00	0	
134	Serine (%)	0227	0.3700	0.0000	0.4176	0.0767	0.0305	4	134.99	0	
134	Serine (%)	0870	0.4293	0.0001	0.4176	0.0767	0.0305	4	134.00	0	
134	Serine (%)	0407	0.5210	0.0820	0.4176	0.0767	0.0305	4	134.05	0	
135	Threonine (%)	0504	0.3700	0.0000				3	135.00	0	
135	Threonine (%)	0227	0.3800	0.0000				3	135.99	0	
135	Threonine (%)	0870	0.3825	0.0028				3	135.00	0	
135	Threonine (%)	0407	0.3320	0.0220				3	135.05	1	
136	Tryptophan (%)	0504	0.0700	0.0000				3	136.99	0	
136	Tryptophan (%)	0227	0.1200	0.0000				3	136.99	0	
136	Tryptophan (%)	0870	0.1449	0.0060				3	136.00	0	
136	Tryptophan (%)	0407	0.1735	0.0470				3	136.05	1	
137	Tyrosine (%)	0504	0.2100	0.0000				3	137.00	0	
137	Tyrosine (%)	0870	0.2126	0.0143				3	137.00	0	
137	Tyrosine (%)	0227	0.2200	0.0000				3	137.99	0	
137	Tyrosine (%)	0407	0.2895	0.0110				3	137.05	2	
138	Valine (%)	0870	0.4179	0.0114	0.4774	0.0538	0.0111	4	138.00	0	
138	Valine (%)	0407	0.4465	0.0030	0.4774	0.0538	0.0111	4	138.05	0	
138	Valine (%)	0504	0.5150	0.0100	0.4774	0.0538	0.0111	4	138.00	0	
138	Valine (%)	0227	0.5300	0.0200	0.4774	0.0538	0.0111	4	138.99	0	
139	Taurine (%)	0407	0.0050	0.0000				2	139.05	0	
139	Taurine (%)	0504	0.2100	0.0600				2	139.00	0	
139	Taurine (%)	0227	< 0.01					2	139.99	5	
160	Fructose (%)	0227	5.175	0.0900				1	160.99	0	
162	Glucose (%)	0227	3.935	0.0700				1	162.99	0	
163	Lactose (%)	0227	< 0.15					0	163.99	5	
164	Maltose (%)	0227	< 0.15					0	164.99	5	
165	Sucrose (%)	0227	5.835	0.0100				1	165.99	0	
166	Raffinose (%)	0227	0.1150	0.0100				1	166.99	0	
167	Stachyose (%)	0227	< 0.05					0	167.99	5	
400	Water Activity (Units)	0407	0.4916	0.0001				2	400.01	0	
400	Water Activity (Units)	2033	0.4970	0.0000				2	400.99	0	
516	Arsenic, Total (As) (ppm)	0171	0.1050	0.0100	0.1151	0.0079	0.0077	4	516.00	0	
516	Arsenic, Total (As) (ppm)	0553	0.1140	0.0100	0.1151	0.0079	0.0077	4	516.53	0	
516	Arsenic, Total (As) (ppm)	0227	0.1175	0.0090	0.1151	0.0079	0.0077	4	516.53	0	
516	Arsenic, Total (As) (ppm)	0407	0.1239	0.0017	0.1151	0.0079	0.0077	4	516.53	0	
516	Arsenic, Total (As) (ppm)	2124	< 0.89		0.1151	0.0079	0.0077	4	516.43	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			
518	Cadmium (ppm)	0407	0.1478	0.0048	0.4489	0.1261	0.0123	7	-2.39	518.41	0
518	Cadmium (ppm)	0171	0.3795	0.0170	0.4489	0.1261	0.0123	7	-0.55	518.41	0
518	Cadmium (ppm)	0407	0.4160	0.0205	0.4489	0.1261	0.0123	7	-0.26	518.43	0
518	Cadmium (ppm)	0407	0.4379	0.0030	0.4489	0.1261	0.0123	7	-0.09	518.53	0
518	Cadmium (ppm)	0227	0.5160	0.0120	0.4489	0.1261	0.0123	7	0.53	518.53	0
518	Cadmium (ppm)	0553	0.5585	0.0190	0.4489	0.1261	0.0123	7	0.87	518.53	0
518	Cadmium (ppm)	2124	0.5750	0.0100	0.4489	0.1261	0.0123	7	1.00	518.43	0
520	Chromium, Total (Cr) (ppm)	0171	7.050	0.2400	10.62	3.208	0.8752	7	-1.11	520.41	0
520	Chromium, Total (Cr) (ppm)	0407	7.707	1.663	10.62	3.208	0.8752	7	-0.91	520.43	0
520	Chromium, Total (Cr) (ppm)	0407	8.536	0.5859	10.62	3.208	0.8752	7	-0.65	520.41	0
520	Chromium, Total (Cr) (ppm)	0164	11.30	0.8000	10.62	3.208	0.8752	7	0.21	520.53	0
520	Chromium, Total (Cr) (ppm)	0553	12.30	1.400	10.62	3.208	0.8752	7	0.52	520.53	0
520	Chromium, Total (Cr) (ppm)	0407	13.64	1.107	10.62	3.208	0.8752	7	0.94	520.53	0
520	Chromium, Total (Cr) (ppm)	0510	13.79	0.3300	10.62	3.208	0.8752	7	0.99	520.43	0
526	Lead (ppm)	0171	0.2495	0.0290	0.2828	0.0298	0.0381	6	-1.12	526.41	0
526	Lead (ppm)	0407	0.2525	0.0114	0.2828	0.0298	0.0381	6	-1.02	526.53	0
526	Lead (ppm)	0553	0.2885	0.0130	0.2828	0.0298	0.0381	6	0.19	526.53	0
526	Lead (ppm)	0407	0.2916	0.0567	0.2828	0.0298	0.0381	6	0.29	526.41	0
526	Lead (ppm)	0227	0.2995	0.0130	0.2828	0.0298	0.0381	6	0.56	526.53	0
526	Lead (ppm)	0407	0.3151	0.1054	0.2828	0.0298	0.0381	6	1.08	526.43	0
529	Mercury (ppb)	0407	3.492	0.1911				2		529.99	0
529	Mercury (ppb)	0227	11.50	1.000				2		529.99	0
539	Nickel (ppm)	0407	3.561	0.0572	4.294	0.5684	0.0425	4		539.43	0
539	Nickel (ppm)	0407	4.308	0.0503	4.294	0.5684	0.0425	4		539.41	0
539	Nickel (ppm)	0171	4.360	0.0400	4.294	0.5684	0.0425	4		539.41	0
539	Nickel (ppm)	0407	4.947	0.0226	4.294	0.5684	0.0425	4		539.53	0
539	Nickel (ppm)	0553	5.255	0.5900	4.294	0.5684	0.0425	4		539.53	1
710	Lauric Acid (12:0) (% (w/w))	0164	< 0.02					0		710.99	5
714	Myristic Acid (14:0) (% (w/w))	0164	< 0.02					0		714.99	5
716	Palmitic Acid (16:0) (% (w/w))	0164	0.5300	0.0000				1		716.99	0
718	Palmitoleic Acid (9c-16:1) (% (w/w))	0164	< 0.02					0		718.99	5
724	Oleic Acid (9c-18:1) (% (w/w))	0164	0.1300	0.0000				1		724.99	0
726	Linoleic Acid (9c,12c-18:2) (% (w/w))	0164	1.665	0.0500				1		726.99	0
728	alpha-Linolenic Acid (9c,12c,15c-18:3) (% (w/v	0164	0.1400	0.0000				1		728.99	0
742	Behenic Acid (22:0) (% (w/w))	0164	0.0200	0.0000				1		742.99	0
754	Total n-3 Polyunsaturated (Omega-3) Fatty Aci	0164	0.1500	0.0200				1		754.99	0
756	Total n-6 Polyunsaturated (Omega-6) Fatty Aci	0164	1.685	0.0100				1		756.99	0
758	Total Saturated Fatty Acids (% (w/w))	0164	0.6600	0.0000				1		758.99	0
764	Total cis Monounsaturated Fatty Acids (% (w/v	0164	0.2100	0.0000				1		764.99	0
768	Total cis Polyunsaturated Fatty Acids (% (w/w)	0164	1.845	0.0500				1		768.99	0
770	Total Fat (equivalent to NLEA) (% (w/w))	0164	2.855	0.0500				1		770.99	0
772	Total Fatty Acids (% (w/w))	0164	2.670	0.0000				1		772.99	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			

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.