



AAFCO
Proficiency Testing Program



Pet Food Ingredient Scheme

Fish Meal

Test Material Code # 202142

Labs Reporting: 62

Analytes Reported 100

Issue Date : 06/30/2021

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 (%)	0845	4.715	0.1500	5.406	0.2656	0.1112	33	-2.60	001.07	0
001	Loss on Drying (%)	0889	4.920	0.0600	5.406	0.2656	0.1112	33	-1.83	001.99	0
001	Loss on Drying (%)	0034	4.990	0.0000	5.406	0.2656	0.1112	33	-1.56	001.07	0
001	Loss on Drying (%)	0504	5.025	0.0300	5.406	0.2656	0.1112	33	-1.43	001.00	0
001	Loss on Drying (%)	0918	5.050	0.0200	5.406	0.2656	0.1112	33	-1.34	001.99	0
001	Loss on Drying (%)	0676	5.145	0.0700	5.406	0.2656	0.1112	33	-0.98	001.99	0
001	Loss on Drying (%)	2124	5.165	0.0300	5.406	0.2656	0.1112	33	-0.91	001.03	0
001	Loss on Drying (%)	0510	5.250	0.1000	5.406	0.2656	0.1112	33	-0.59	001.99	0
001	Loss on Drying (%)	0065	5.265	0.3300	5.406	0.2656	0.1112	33	-0.53	001.07	0
001	Loss on Drying (%)	1023	5.325	0.0700	5.406	0.2656	0.1112	33	-0.30	001.07	0
001	Loss on Drying (%)	0650	5.340	0.0400	5.406	0.2656	0.1112	33	-0.25	001.07	0
001	Loss on Drying (%)	2242	5.340	0.1400	5.406	0.2656	0.1112	33	-0.25	001.99	0
001	Loss on Drying (%)	0656	5.345	0.0900	5.406	0.2656	0.1112	33	-0.23	001.99	0
001	Loss on Drying (%)	2187	5.365	0.0100	5.406	0.2656	0.1112	33	-0.15	001.07	0
001	Loss on Drying (%)	1024	5.385	0.0300	5.406	0.2656	0.1112	33	-0.08	001.07	0
001	Loss on Drying (%)	0876	5.400	0.0000	5.406	0.2656	0.1112	33	-0.02	001.07	0
001	Loss on Drying (%)	0309	5.446	0.0390	5.406	0.2656	0.1112	33	0.15	001.00	0
001	Loss on Drying (%)	0407	5.446	0.2147	5.406	0.2656	0.1112	33	0.15	001.07	0
001	Loss on Drying (%)	0910	5.450	0.3000	5.406	0.2656	0.1112	33	0.17	001.99	0
001	Loss on Drying (%)	1022	5.467	0.0161	5.406	0.2656	0.1112	33	0.23	001.07	0
001	Loss on Drying (%)	0003	5.485	0.1500	5.406	0.2656	0.1112	33	0.30	001.07	0
001	Loss on Drying (%)	1020	5.490	0.1000	5.406	0.2656	0.1112	33	0.32	001.07	0
001	Loss on Drying (%)	2293	5.525	0.0900	5.406	0.2656	0.1112	33	0.45	001.07	0
001	Loss on Drying (%)	2331	5.525	0.1300	5.406	0.2656	0.1112	33	0.45	001.07	0
001	Loss on Drying (%)	0171	5.555	0.0300	5.406	0.2656	0.1112	33	0.56	001.07	0
001	Loss on Drying (%)	2330	5.560	0.0600	5.406	0.2656	0.1112	33	0.58	001.07	0
001	Loss on Drying (%)	0098	5.615	0.1300	5.406	0.2656	0.1112	33	0.79	001.07	0
001	Loss on Drying (%)	2115	5.630	0.0000	5.406	0.2656	0.1112	33	0.85	001.99	0
001	Loss on Drying (%)	2220	5.645	0.0900	5.406	0.2656	0.1112	33	0.90	001.07	0
001	Loss on Drying (%)	2219	5.715	0.2900	5.406	0.2656	0.1112	33	1.17	001.07	0
001	Loss on Drying (%)	0619	5.800	0.0800	5.406	0.2656	0.1112	33	1.49	001.03	0
001	Loss on Drying (%)	2156	5.890	0.4800	5.406	0.2656	0.1112	33	1.82	001.07	0
001	Loss on Drying (%)	2252	5.890	0.3000	5.406	0.2656	0.1112	33	1.82	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 (%)	2155	4.410	0.7200	5.406	0.2656	0.1112	33	-3.75	001.99	1
002	Protein, Crude (%)	0510	62.10	0.2000	65.00	0.6915	0.4925	60	-4.19	002.06	0
002	Protein, Crude (%)	0065	63.57	2.710	65.00	0.6915	0.4925	60	-2.07	002.06	0
002	Protein, Crude (%)	0407	63.62	0.5150	65.00	0.6915	0.4925	60	-1.98	002.06	0
002	Protein, Crude (%)	2050	63.74	0.2300	65.00	0.6915	0.4925	60	-1.82	002.06	0
002	Protein, Crude (%)	2115	64.03	0.0800	65.00	0.6915	0.4925	60	-1.40	002.05	0
002	Protein, Crude (%)	0098	64.13	0.2100	65.00	0.6915	0.4925	60	-1.26	002.08	0
002	Protein, Crude (%)	0098	64.30	0.0000	65.00	0.6915	0.4925	60	-1.01	002.06	0
002	Protein, Crude (%)	0619	64.30	0.0000	65.00	0.6915	0.4925	60	-1.01	002.06	0
002	Protein, Crude (%)	0650	64.30	0.8000	65.00	0.6915	0.4925	60	-1.01	002.06	0
002	Protein, Crude (%)	2156	64.30	0.1600	65.00	0.6915	0.4925	60	-1.01	002.06	0
002	Protein, Crude (%)	2219	64.33	1.630	65.00	0.6915	0.4925	60	-0.97	002.06	0
002	Protein, Crude (%)	2207	64.40	0.1800	65.00	0.6915	0.4925	60	-0.86	002.06	0
002	Protein, Crude (%)	0619	64.45	0.1000	65.00	0.6915	0.4925	60	-0.79	002.01	0
002	Protein, Crude (%)	2232	64.45	0.1000	65.00	0.6915	0.4925	60	-0.79	002.06	0
002	Protein, Crude (%)	0845	64.47	0.7700	65.00	0.6915	0.4925	60	-0.77	002.00	0
002	Protein, Crude (%)	0918	64.50	0.7900	65.00	0.6915	0.4925	60	-0.72	002.06	0
002	Protein, Crude (%)	0656	64.53	0.0000	65.00	0.6915	0.4925	60	-0.67	002.06	0
002	Protein, Crude (%)	0889	64.54	0.2200	65.00	0.6915	0.4925	60	-0.66	002.11	0
002	Protein, Crude (%)	0171	64.66	0.0800	65.00	0.6915	0.4925	60	-0.48	002.06	0
002	Protein, Crude (%)	0504	64.70	0.3200	65.00	0.6915	0.4925	60	-0.43	002.04	0
002	Protein, Crude (%)	0910	64.70	0.6000	65.00	0.6915	0.4925	60	-0.43	002.06	0
002	Protein, Crude (%)	0242	64.79	1.610	65.00	0.6915	0.4925	60	-0.30	002.06	0
002	Protein, Crude (%)	2331	64.80	1.490	65.00	0.6915	0.4925	60	-0.29	002.06	0
002	Protein, Crude (%)	2016	64.83	0.0100	65.00	0.6915	0.4925	60	-0.25	002.06	0
002	Protein, Crude (%)	0876	64.85	0.3000	65.00	0.6915	0.4925	60	-0.21	002.06	0
002	Protein, Crude (%)	0553	64.89	0.3900	65.00	0.6915	0.4925	60	-0.16	002.06	0
002	Protein, Crude (%)	0870	64.91	2.168	65.00	0.6915	0.4925	60	-0.13	002.01	0
002	Protein, Crude (%)	0554	64.92	0.2600	65.00	0.6915	0.4925	60	-0.11	002.06	0
002	Protein, Crude (%)	0958	64.92	0.1800	65.00	0.6915	0.4925	60	-0.11	002.06	0
002	Protein, Crude (%)	0504	64.95	0.3100	65.00	0.6915	0.4925	60	-0.07	002.06	0
002	Protein, Crude (%)	0529	64.96	1.430	65.00	0.6915	0.4925	60	-0.06	002.06	0
002	Protein, Crude (%)	0309	65.06	0.5480	65.00	0.6915	0.4925	60	0.10	002.06	0
002	Protein, Crude (%)	2187	65.09	0.2600	65.00	0.6915	0.4925	60	0.14	002.06	0
002	Protein, Crude (%)	2252	65.10	0.9870	65.00	0.6915	0.4925	60	0.15	002.06	0
002	Protein, Crude (%)	2330	65.11	0.2600	65.00	0.6915	0.4925	60	0.17	002.06	0
002	Protein, Crude (%)	0164	65.16	0.1900	65.00	0.6915	0.4925	60	0.23	002.01	0
002	Protein, Crude (%)	1022	65.17	0.4150	65.00	0.6915	0.4925	60	0.26	002.06	0
002	Protein, Crude (%)	0870	65.19	0.8750	65.00	0.6915	0.4925	60	0.28	002.06	0
002	Protein, Crude (%)	0003	65.22	0.0700	65.00	0.6915	0.4925	60	0.32	002.06	0
002	Protein, Crude (%)	2122	65.25	0.0000	65.00	0.6915	0.4925	60	0.37	002.04	0
002	Protein, Crude (%)	2293	65.26	0.1300	65.00	0.6915	0.4925	60	0.38	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 (%)	2242	65.28	0.9000	65.00	0.6915	0.4925	60	0.41	002.06	0
002	Protein, Crude (%)	2220	65.38	0.3200	65.00	0.6915	0.4925	60	0.56	002.06	0
002	Protein, Crude (%)	0034	65.40	0.3800	65.00	0.6915	0.4925	60	0.58	002.06	0
002	Protein, Crude (%)	0047	65.40	0.2000	65.00	0.6915	0.4925	60	0.59	002.06	0
002	Protein, Crude (%)	0208	65.40	0.2000	65.00	0.6915	0.4925	60	0.59	002.06	0
002	Protein, Crude (%)	2250	65.40	0.4000	65.00	0.6915	0.4925	60	0.59	002.06	0
002	Protein, Crude (%)	0042	65.55	0.1000	65.00	0.6915	0.4925	60	0.80	002.06	0
002	Protein, Crude (%)	0676	65.66	1.810	65.00	0.6915	0.4925	60	0.95	002.06	0
002	Protein, Crude (%)	0164	65.72	0.0600	65.00	0.6915	0.4925	60	1.05	002.06	0
002	Protein, Crude (%)	1020	65.72	0.0680	65.00	0.6915	0.4925	60	1.05	002.06	0
002	Protein, Crude (%)	2155	65.80	0.2250	65.00	0.6915	0.4925	60	1.16	002.06	0
002	Protein, Crude (%)	0511	65.85	0.0400	65.00	0.6915	0.4925	60	1.24	002.06	0
002	Protein, Crude (%)	0010	65.90	0.4000	65.00	0.6915	0.4925	60	1.31	002.06	0
002	Protein, Crude (%)	1024	65.90	0.5800	65.00	0.6915	0.4925	60	1.31	002.06	0
002	Protein, Crude (%)	2124	65.98	0.7800	65.00	0.6915	0.4925	60	1.42	002.06	0
002	Protein, Crude (%)	2089	66.00	0.9900	65.00	0.6915	0.4925	60	1.45	002.06	0
002	Protein, Crude (%)	2232	66.15	0.2600	65.00	0.6915	0.4925	60	1.67	002.11	0
002	Protein, Crude (%)	2184	66.31	0.0000	65.00	0.6915	0.4925	60	1.90	002.06	0
002	Protein, Crude (%)	0001	66.57	0.2600	65.00	0.6915	0.4925	60	2.28	002.06	0
002	Protein, Crude (%)	1023	50.50	29.29	65.00	0.6915	0.4925	60	-20.96	002.06	1
002	Protein, Crude (%)	0889	48.58	31.60	65.00	0.6915	0.4925	60	-23.74	002.01	2
003	Fat, Crude (%)	2331	6.180	0.3400	7.613	0.4692	0.1755	36	-3.05	003.00	0
003	Fat, Crude (%)	2293	6.260	0.4400	7.613	0.4692	0.1755	36	-2.88	003.00	0
003	Fat, Crude (%)	1023	6.595	0.0100	7.613	0.4692	0.1755	36	-2.17	003.00	0
003	Fat, Crude (%)	0504	6.780	0.4800	7.613	0.4692	0.1755	36	-1.78	003.01	0
003	Fat, Crude (%)	2155	6.953	0.3130	7.613	0.4692	0.1755	36	-1.41	003.10	0
003	Fat, Crude (%)	2184	7.285	0.2500	7.613	0.4692	0.1755	36	-0.70	003.10	0
003	Fat, Crude (%)	0529	7.395	0.0100	7.613	0.4692	0.1755	36	-0.46	003.14	0
003	Fat, Crude (%)	0027	7.400	0.2000	7.613	0.4692	0.1755	36	-0.45	003.09	0
003	Fat, Crude (%)	2089	7.410	0.0000	7.613	0.4692	0.1755	36	-0.43	003.10	0
003	Fat, Crude (%)	2115	7.415	0.0900	7.613	0.4692	0.1755	36	-0.42	003.00	0
003	Fat, Crude (%)	2115	7.415	0.1900	7.613	0.4692	0.1755	36	-0.42	003.14	0
003	Fat, Crude (%)	0870	7.433	0.0944	7.613	0.4692	0.1755	36	-0.38	003.10	0
003	Fat, Crude (%)	0098	7.480	0.1400	7.613	0.4692	0.1755	36	-0.28	003.10	0
003	Fat, Crude (%)	0918	7.495	0.0700	7.613	0.4692	0.1755	36	-0.25	003.06	0
003	Fat, Crude (%)	0242	7.505	0.0700	7.613	0.4692	0.1755	36	-0.23	003.10	0
003	Fat, Crude (%)	0309	7.512	0.0079	7.613	0.4692	0.1755	36	-0.21	003.00	0
003	Fat, Crude (%)	2232	7.515	0.0500	7.613	0.4692	0.1755	36	-0.21	003.10	0
003	Fat, Crude (%)	0098	7.520	0.0000	7.613	0.4692	0.1755	36	-0.20	003.13	0
003	Fat, Crude (%)	0554	7.610	0.0600	7.613	0.4692	0.1755	36	-0.01	003.14	0
003	Fat, Crude (%)	0889	7.625	0.0300	7.613	0.4692	0.1755	36	0.03	003.10	0
003	Fat, Crude (%)	0171	7.625	0.1500	7.613	0.4692	0.1755	36	0.03	003.12	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 (%)	0870	7.664	0.1977	7.613	0.4692	0.1755	36	0.11	003.13	0
003	Fat, Crude (%)	0910	7.695	0.0700	7.613	0.4692	0.1755	36	0.18	003.06	0
003	Fat, Crude (%)	0676	7.730	0.1000	7.613	0.4692	0.1755	36	0.25	003.10	0
003	Fat, Crude (%)	0098	7.770	0.2000	7.613	0.4692	0.1755	36	0.34	003.09	0
003	Fat, Crude (%)	0407	7.775	0.1147	7.613	0.4692	0.1755	36	0.35	003.14	0
003	Fat, Crude (%)	2207	7.775	0.0900	7.613	0.4692	0.1755	36	0.35	003.14	0
003	Fat, Crude (%)	0171	7.780	0.1600	7.613	0.4692	0.1755	36	0.36	003.14	0
003	Fat, Crude (%)	0164	7.860	0.0200	7.613	0.4692	0.1755	36	0.53	003.00	0
003	Fat, Crude (%)	0619	8.030	0.2000	7.613	0.4692	0.1755	36	0.89	003.14	0
003	Fat, Crude (%)	0889	8.170	0.1000	7.613	0.4692	0.1755	36	1.19	003.11	0
003	Fat, Crude (%)	2232	8.895	0.7300	7.613	0.4692	0.1755	36	2.73	003.11	0
003	Fat, Crude (%)	0656	8.990	0.0000	7.613	0.4692	0.1755	36	2.94	003.06	0
003	Fat, Crude (%)	2250	9.150	0.3000	7.613	0.4692	0.1755	36	3.28	003.09	0
003	Fat, Crude (%)	1020	9.240	0.3000	7.613	0.4692	0.1755	36	3.47	003.00	0
003	Fat, Crude (%)	0042	12.25	0.7400	7.613	0.4692	0.1755	36	9.88	003.10	0
003	Fat, Crude (%)	2330	5.795	1.090	7.613	0.4692	0.1755	36	-3.87	003.00	1
004	Fiber, Crude (%)	0407	0.0214	0.0258	0.3305	0.1858	0.0608	10	-1.66	004.07	0
004	Fiber, Crude (%)	0889	0.1450	0.0300	0.3305	0.1858	0.0608	10	-1.00	004.11	0
004	Fiber, Crude (%)	0910	0.2000	0.0000	0.3305	0.1858	0.0608	10	-0.70	004.07	0
004	Fiber, Crude (%)	0504	0.3250	0.0300	0.3305	0.1858	0.0608	10	-0.03	004.00	0
004	Fiber, Crude (%)	0309	0.3371	0.0348	0.3305	0.1858	0.0608	10	0.04	004.00	0
004	Fiber, Crude (%)	0529	0.3450	0.0700	0.3305	0.1858	0.0608	10	0.08	004.07	0
004	Fiber, Crude (%)	0171	0.3650	0.0300	0.3305	0.1858	0.0608	10	0.19	004.00	0
004	Fiber, Crude (%)	0042	0.4500	0.3000	0.3305	0.1858	0.0608	10	0.64	004.00	0
004	Fiber, Crude (%)	0870	0.4858	0.0077	0.3305	0.1858	0.0608	10	0.84	004.07	0
004	Fiber, Crude (%)	0553	0.6000	0.0800	0.3305	0.1858	0.0608	10	1.45	004.07	0
004	Fiber, Crude (%)	2124	1.300	0.5600	0.3305	0.1858	0.0608	10	5.22	004.07	1
004	Fiber, Crude (%)	0889	0.0000	0.0000	0.3305	0.1858	0.0608	10		004.07	4
004	Fiber, Crude (%)	0918	< 0.1		0.3305	0.1858	0.0608	10		004.06	5
004	Fiber, Crude (%)	0164	< 0.2		0.3305	0.1858	0.0608	10		004.00	5
005	Ash (%)	2232	20.09	0.2400	21.73	0.2455	0.1989	51	-6.67	005.11	0
005	Ash (%)	2232	21.26	0.7900	21.73	0.2455	0.1989	51	-1.93	005.00	0
005	Ash (%)	0309	21.37	0.0020	21.73	0.2455	0.1989	51	-1.47	005.00	0
005	Ash (%)	2156	21.41	0.2400	21.73	0.2455	0.1989	51	-1.29	005.00	0
005	Ash (%)	2220	21.41	0.2800	21.73	0.2455	0.1989	51	-1.29	005.00	0
005	Ash (%)	1024	21.42	0.3700	21.73	0.2455	0.1989	51	-1.27	005.99	0
005	Ash (%)	0511	21.45	0.4000	21.73	0.2455	0.1989	51	-1.13	005.00	0
005	Ash (%)	0650	21.45	0.3000	21.73	0.2455	0.1989	51	-1.13	005.00	0
005	Ash (%)	0171	21.46	0.0200	21.73	0.2455	0.1989	51	-1.09	005.00	0
005	Ash (%)	2184	21.49	0.8100	21.73	0.2455	0.1989	51	-0.99	005.00	0
005	Ash (%)	2331	21.52	0.0500	21.73	0.2455	0.1989	51	-0.87	005.00	0
005	Ash (%)	0164	21.53	0.0100	21.73	0.2455	0.1989	51	-0.83	005.00	0

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			Value	Range	Rob Mean	Robust SD	R-bar	# Tests			
005	Ash (%)	2293	21.53	0.0800	21.73	0.2455	0.1989	51	-0.81	005.00	0
005	Ash (%)	0407	21.58	0.3069	21.73	0.2455	0.1989	51	-0.61	005.00	0
005	Ash (%)	0027	21.61	0.0770	21.73	0.2455	0.1989	51	-0.49	005.00	0
005	Ash (%)	2124	21.61	0.3400	21.73	0.2455	0.1989	51	-0.48	005.00	0
005	Ash (%)	0553	21.62	0.0400	21.73	0.2455	0.1989	51	-0.44	005.00	0
005	Ash (%)	2330	21.64	0.1100	21.73	0.2455	0.1989	51	-0.38	005.00	0
005	Ash (%)	0208	21.65	0.1000	21.73	0.2455	0.1989	51	-0.32	005.00	0
005	Ash (%)	2219	21.65	0.2400	21.73	0.2455	0.1989	51	-0.32	005.00	0
005	Ash (%)	0504	21.69	0.6100	21.73	0.2455	0.1989	51	-0.17	005.00	0
005	Ash (%)	0554	21.70	0.0300	21.73	0.2455	0.1989	51	-0.13	005.00	0
005	Ash (%)	2115	21.70	0.0300	21.73	0.2455	0.1989	51	-0.13	005.00	0
005	Ash (%)	2250	21.70	0.4000	21.73	0.2455	0.1989	51	-0.11	005.05	0
005	Ash (%)	0870	21.71	0.2259	21.73	0.2455	0.1989	51	-0.06	005.00	0
005	Ash (%)	0065	21.74	0.0200	21.73	0.2455	0.1989	51	0.05	005.05	0
005	Ash (%)	0003	21.75	0.3100	21.73	0.2455	0.1989	51	0.07	005.05	0
005	Ash (%)	1023	21.76	0.0900	21.73	0.2455	0.1989	51	0.11	005.00	0
005	Ash (%)	0529	21.76	0.0600	21.73	0.2455	0.1989	51	0.13	005.00	0
005	Ash (%)	0918	21.78	0.0100	21.73	0.2455	0.1989	51	0.19	005.00	0
005	Ash (%)	0910	21.80	0.0000	21.73	0.2455	0.1989	51	0.29	005.99	0
005	Ash (%)	0656	21.81	0.0000	21.73	0.2455	0.1989	51	0.33	005.00	0
005	Ash (%)	2016	21.84	0.1700	21.73	0.2455	0.1989	51	0.44	005.00	0
005	Ash (%)	0047	21.85	0.1000	21.73	0.2455	0.1989	51	0.50	005.00	0
005	Ash (%)	2252	21.85	0.1000	21.73	0.2455	0.1989	51	0.50	005.00	0
005	Ash (%)	0845	21.88	0.1600	21.73	0.2455	0.1989	51	0.62	005.05	0
005	Ash (%)	1020	21.89	0.1800	21.73	0.2455	0.1989	51	0.66	005.00	0
005	Ash (%)	0876	21.90	0.0000	21.73	0.2455	0.1989	51	0.70	005.00	0
005	Ash (%)	2187	21.90	0.0600	21.73	0.2455	0.1989	51	0.70	005.03	0
005	Ash (%)	0001	21.90	0.1418	21.73	0.2455	0.1989	51	0.72	005.00	0
005	Ash (%)	2242	21.92	0.3300	21.73	0.2455	0.1989	51	0.76	005.00	0
005	Ash (%)	2050	21.93	0.1800	21.73	0.2455	0.1989	51	0.82	005.05	0
005	Ash (%)	0034	21.96	0.1850	21.73	0.2455	0.1989	51	0.94	005.05	0
005	Ash (%)	2089	21.97	0.0100	21.73	0.2455	0.1989	51	0.97	005.00	0
005	Ash (%)	0242	21.97	0.0800	21.73	0.2455	0.1989	51	0.99	005.00	0
005	Ash (%)	0098	22.01	0.1200	21.73	0.2455	0.1989	51	1.15	005.00	0
005	Ash (%)	0510	22.05	0.2600	21.73	0.2455	0.1989	51	1.31	005.00	0
005	Ash (%)	1022	22.06	0.1740	21.73	0.2455	0.1989	51	1.36	005.99	0
005	Ash (%)	0889	22.12	0.3800	21.73	0.2455	0.1989	51	1.60	005.05	0
005	Ash (%)	2207	22.23	0.3200	21.73	0.2455	0.1989	51	2.05	005.00	0
005	Ash (%)	0676	22.32	0.6000	21.73	0.2455	0.1989	51	2.41	005.99	0
005	Ash (%)	0042	22.00	1.000	21.73	0.2455	0.1989	51	1.11	005.00	1
005	Ash (%)	0889	13.39	0.0700	21.73	0.2455	0.1989	51	-33.98	005.11	2
006	Total Sugars (%)	0407	0.0100	0.0200				0		006.00	4

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			
008	Fiber, Acid Detergent (%)	0889	0.9200	0.0200	2.556	1.335	0.3454	7	-1.23	008.08	0
008	Fiber, Acid Detergent (%)	0309	1.254	0.0655	2.556	1.335	0.3454	7	-0.98	008.02	0
008	Fiber, Acid Detergent (%)	0042	2.400	0.6000	2.556	1.335	0.3454	7	-0.12	008.08	0
008	Fiber, Acid Detergent (%)	0918	2.845	0.0300	2.556	1.335	0.3454	7	0.22	008.08	0
008	Fiber, Acid Detergent (%)	0407	2.852	0.2471	2.556	1.335	0.3454	7	0.22	008.08	0
008	Fiber, Acid Detergent (%)	0504	3.270	1.280	2.556	1.335	0.3454	7	0.53	008.02	0
008	Fiber, Acid Detergent (%)	0870	4.354	0.1751	2.556	1.335	0.3454	7	1.35	008.08	0
009	Fiber, Neutral Detergent (%)	0309	3.277	0.3419	10.72	7.048	1.825	7	-1.06	009.07	0
009	Fiber, Neutral Detergent (%)	0889	4.675	0.0100	10.72	7.048	1.825	7	-0.86	009.99	0
009	Fiber, Neutral Detergent (%)	0407	7.411	0.7990	10.72	7.048	1.825	7	-0.47	009.09	0
009	Fiber, Neutral Detergent (%)	0504	10.76	3.480	10.72	7.048	1.825	7	0.01	009.04	0
009	Fiber, Neutral Detergent (%)	0918	12.14	7.480	10.72	7.048	1.825	7	0.20	009.09	0
009	Fiber, Neutral Detergent (%)	0889	16.22	0.0300	10.72	7.048	1.825	7	0.78	009.09	0
009	Fiber, Neutral Detergent (%)	0870	20.55	0.6310	10.72	7.048	1.825	7	1.40	009.09	0
010	Moisture (%)	2232	4.870	0.0400				3		010.11	0
010	Moisture (%)	2089	5.400	0.0000				3		010.99	0
010	Moisture (%)	0889	6.535	0.0100				3		010.11	0
010	Moisture (%)	0164	5.510	0.1400				3		010.03	1
011	Loss on Drying, HT (%)	2250	5.200	0.2000	5.898	0.3493	0.0961	20	-2.00	011.03	0
011	Loss on Drying, HT (%)	2232	5.340	0.1600	5.898	0.3493	0.0961	20	-1.60	011.01	0
011	Loss on Drying, HT (%)	0554	5.460	0.1000	5.898	0.3493	0.0961	20	-1.26	011.01	0
011	Loss on Drying, HT (%)	2083	5.500	0.2000	5.898	0.3493	0.0961	20	-1.14	011.02	0
011	Loss on Drying, HT (%)	2016	5.560	0.2200	5.898	0.3493	0.0961	20	-0.97	011.01	0
011	Loss on Drying, HT (%)	0208	5.765	0.0300	5.898	0.3493	0.0961	20	-0.38	011.01	0
011	Loss on Drying, HT (%)	0511	5.800	0.0400	5.898	0.3493	0.0961	20	-0.28	011.01	0
011	Loss on Drying, HT (%)	2207	5.845	0.0700	5.898	0.3493	0.0961	20	-0.15	011.01	0
011	Loss on Drying, HT (%)	0047	5.900	0.0000	5.898	0.3493	0.0961	20	0.00	011.01	0
011	Loss on Drying, HT (%)	0164	5.910	0.0000	5.898	0.3493	0.0961	20	0.03	011.01	0
011	Loss on Drying, HT (%)	0553	6.025	0.1100	5.898	0.3493	0.0961	20	0.36	011.01	0
011	Loss on Drying, HT (%)	0870	6.040	0.0906	5.898	0.3493	0.0961	20	0.40	011.01	0
011	Loss on Drying, HT (%)	0529	6.050	0.0400	5.898	0.3493	0.0961	20	0.43	011.02	0
011	Loss on Drying, HT (%)	0171	6.055	0.0300	5.898	0.3493	0.0961	20	0.45	011.01	0
011	Loss on Drying, HT (%)	0309	6.080	0.1200	5.898	0.3493	0.0961	20	0.52	011.01	0
011	Loss on Drying, HT (%)	0510	6.150	0.1000	5.898	0.3493	0.0961	20	0.72	011.01	0
011	Loss on Drying, HT (%)	0098	6.165	0.0300	5.898	0.3493	0.0961	20	0.76	011.01	0
011	Loss on Drying, HT (%)	2184	6.225	0.0300	5.898	0.3493	0.0961	20	0.93	011.01	0
011	Loss on Drying, HT (%)	0407	6.336	0.2213	5.898	0.3493	0.0961	20	1.25	011.01	0
011	Loss on Drying, HT (%)	0242	6.355	0.1300	5.898	0.3493	0.0961	20	1.31	011.01	0
012	Starch (%)	0889	0.2750	0.0100	0.8400	0.5973	0.1905	8	-0.95	012.03	0
012	Starch (%)	0870	0.2809	0.0105	0.8400	0.5973	0.1905	8	-0.94	012.01	0
012	Starch (%)	0510	0.4500	0.1000	0.8400	0.5973	0.1905	8	-0.65	012.04	0
012	Starch (%)	2242	0.6100	0.5600	0.8400	0.5973	0.1905	8	-0.39	012.01	0

Method Group	Analyte Group (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Your Method	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Tests			
012	Starch (%)	0407	0.8510	0.0115	0.8400	0.5973	0.1905	8	0.02	012.03	0
012	Starch (%)	0889	1.163	0.5650	0.8400	0.5973	0.1905	8	0.54	012.11	0
012	Starch (%)	0918	1.491	0.2670	0.8400	0.5973	0.1905	8	1.09	012.01	0
012	Starch (%)	0164	1.600	0.0000	0.8400	0.5973	0.1905	8	1.27	012.01	0
012	Starch (%)	0164	< 1		0.8400	0.5973	0.1905	8		012.00	5
013	Fat, Acid Pretreat (%)	2220	5.755	0.0100	8.345	1.026	0.3069	26	-2.52	013.00	0
013	Fat, Acid Pretreat (%)	2252	5.765	0.2900	8.345	1.026	0.3069	26	-2.51	013.00	0
013	Fat, Acid Pretreat (%)	2156	6.035	0.3700	8.345	1.026	0.3069	26	-2.25	013.00	0
013	Fat, Acid Pretreat (%)	2219	7.035	0.6300	8.345	1.026	0.3069	26	-1.28	013.00	0
013	Fat, Acid Pretreat (%)	0034	7.140	0.3400	8.345	1.026	0.3069	26	-1.17	013.13	0
013	Fat, Acid Pretreat (%)	0407	7.680	1.321	8.345	1.026	0.3069	26	-0.65	013.13	0
013	Fat, Acid Pretreat (%)	0511	7.750	0.9800	8.345	1.026	0.3069	26	-0.58	013.13	0
013	Fat, Acid Pretreat (%)	2187	7.840	0.2400	8.345	1.026	0.3069	26	-0.49	013.00	0
013	Fat, Acid Pretreat (%)	0845	7.875	0.2100	8.345	1.026	0.3069	26	-0.46	013.10	0
013	Fat, Acid Pretreat (%)	0876	8.100	0.0000	8.345	1.026	0.3069	26	-0.24	013.13	0
013	Fat, Acid Pretreat (%)	0242	8.175	0.0500	8.345	1.026	0.3069	26	-0.17	013.00	0
013	Fat, Acid Pretreat (%)	0650	8.295	0.3100	8.345	1.026	0.3069	26	-0.05	013.00	0
013	Fat, Acid Pretreat (%)	2016	8.410	0.2800	8.345	1.026	0.3069	26	0.06	013.00	0
013	Fat, Acid Pretreat (%)	0065	8.550	0.0400	8.345	1.026	0.3069	26	0.20	013.02	0
013	Fat, Acid Pretreat (%)	2124	8.585	0.4900	8.345	1.026	0.3069	26	0.23	013.10	0
013	Fat, Acid Pretreat (%)	0098	8.785	0.0900	8.345	1.026	0.3069	26	0.43	013.02	0
013	Fat, Acid Pretreat (%)	0407	8.820	0.2200	8.345	1.026	0.3069	26	0.46	013.02	0
013	Fat, Acid Pretreat (%)	0910	8.880	0.9400	8.345	1.026	0.3069	26	0.52	013.00	0
013	Fat, Acid Pretreat (%)	0870	8.976	0.3699	8.345	1.026	0.3069	26	0.62	013.02	0
013	Fat, Acid Pretreat (%)	0676	9.125	0.0700	8.345	1.026	0.3069	26	0.76	013.02	0
013	Fat, Acid Pretreat (%)	0510	9.250	0.2000	8.345	1.026	0.3069	26	0.88	013.13	0
013	Fat, Acid Pretreat (%)	0553	9.375	0.1300	8.345	1.026	0.3069	26	1.00	013.02	0
013	Fat, Acid Pretreat (%)	0309	9.392	0.0060	8.345	1.026	0.3069	26	1.02	013.00	0
013	Fat, Acid Pretreat (%)	0001	9.421	0.2430	8.345	1.026	0.3069	26	1.05	013.02	0
013	Fat, Acid Pretreat (%)	0171	9.485	0.1100	8.345	1.026	0.3069	26	1.11	013.02	0
013	Fat, Acid Pretreat (%)	0164	9.600	0.0400	8.345	1.026	0.3069	26	1.22	013.02	0
015	Aluminum (ppm)	0171	349.5	1.000	486.1	114.4	29.39	8	-1.19	015.41	0
015	Aluminum (ppm)	0407	398.9	124.1	486.1	114.4	29.39	8	-0.76	015.43	0
015	Aluminum (ppm)	0918	431.3	59.23	486.1	114.4	29.39	8	-0.48	015.43	0
015	Aluminum (ppm)	0407	447.5	2.648	486.1	114.4	29.39	8	-0.34	015.41	0
015	Aluminum (ppm)	0511	483.4	4.630	486.1	114.4	29.39	8	-0.02	015.43	0
015	Aluminum (ppm)	0510	559.0	4.000	486.1	114.4	29.39	8	0.64	015.43	0
015	Aluminum (ppm)	0407	561.6	0.4920	486.1	114.4	29.39	8	0.66	015.53	0
015	Aluminum (ppm)	0553	690.5	39.00	486.1	114.4	29.39	8	1.79	015.53	0
017	Boron (ppm)	0553	3.640	1.300	5.265	1.375	0.4165	6	-1.18	017.53	0
017	Boron (ppm)	0407	4.326	0.4359	5.265	1.375	0.4165	6	-0.68	017.53	0
017	Boron (ppm)	0407	4.981	0.4291	5.265	1.375	0.4165	6	-0.21	017.41	0

Method Group	Analyte Group (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Your Method	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Tests			
017	Boron (ppm)	0407	5.573	0.1739	5.265	1.375	0.4165	6	0.22	017.43	0
017	Boron (ppm)	0918	6.070	0.1600	5.265	1.375	0.4165	6	0.59	017.43	0
017	Boron (ppm)	0510	7.000	0.0000	5.265	1.375	0.4165	6	1.26	017.43	0
019	Calcium (%)	0889	4.648	0.0050	5.264	0.3041	0.2007	43	-2.03	019.99	0
019	Calcium (%)	0511	4.690	0.1000	5.264	0.3041	0.2007	43	-1.89	019.43	0
019	Calcium (%)	0407	4.866	0.0395	5.264	0.3041	0.2007	43	-1.31	019.53	0
019	Calcium (%)	2124	4.870	0.0000	5.264	0.3041	0.2007	43	-1.29	019.43	0
019	Calcium (%)	2219	4.945	0.3610	5.264	0.3041	0.2007	43	-1.05	019.44	0
019	Calcium (%)	0553	4.975	0.1700	5.264	0.3041	0.2007	43	-0.95	019.53	0
019	Calcium (%)	0164	4.995	0.0100	5.264	0.3041	0.2007	43	-0.88	019.41	0
019	Calcium (%)	2156	5.029	0.0300	5.264	0.3041	0.2007	43	-0.77	019.44	0
019	Calcium (%)	0656	5.030	0.0000	5.264	0.3041	0.2007	43	-0.77	019.31	0
019	Calcium (%)	1023	5.045	0.1700	5.264	0.3041	0.2007	43	-0.72	019.41	0
019	Calcium (%)	2252	5.064	0.3390	5.264	0.3041	0.2007	43	-0.66	019.44	0
019	Calcium (%)	2089	5.090	0.0200	5.264	0.3041	0.2007	43	-0.57	019.43	0
019	Calcium (%)	2293	5.095	0.3900	5.264	0.3041	0.2007	43	-0.55	019.44	0
019	Calcium (%)	2187	5.109	0.0744	5.264	0.3041	0.2007	43	-0.51	019.43	0
019	Calcium (%)	2220	5.125	0.4100	5.264	0.3041	0.2007	43	-0.46	019.44	0
019	Calcium (%)	0407	5.127	0.1040	5.264	0.3041	0.2007	43	-0.45	019.43	0
019	Calcium (%)	0098	5.130	0.1600	5.264	0.3041	0.2007	43	-0.44	019.41	0
019	Calcium (%)	1024	5.135	0.0500	5.264	0.3041	0.2007	43	-0.42	019.41	0
019	Calcium (%)	0918	5.161	0.2790	5.264	0.3041	0.2007	43	-0.34	019.43	0
019	Calcium (%)	2331	5.165	0.6900	5.264	0.3041	0.2007	43	-0.32	019.44	0
019	Calcium (%)	2330	5.175	0.6900	5.264	0.3041	0.2007	43	-0.29	019.44	0
019	Calcium (%)	0047	5.175	0.6100	5.264	0.3041	0.2007	43	-0.29	019.52	0
019	Calcium (%)	0510	5.180	0.0200	5.264	0.3041	0.2007	43	-0.28	019.43	0
019	Calcium (%)	0171	5.275	0.0100	5.264	0.3041	0.2007	43	0.04	019.41	0
019	Calcium (%)	1020	5.340	0.0000	5.264	0.3041	0.2007	43	0.25	019.41	0
019	Calcium (%)	0010	5.355	0.5100	5.264	0.3041	0.2007	43	0.30	019.43	0
019	Calcium (%)	0242	5.390	0.0400	5.264	0.3041	0.2007	43	0.42	019.99	0
019	Calcium (%)	0098	5.395	0.0500	5.264	0.3041	0.2007	43	0.43	019.43	0
019	Calcium (%)	0870	5.398	0.1900	5.264	0.3041	0.2007	43	0.44	019.43	0
019	Calcium (%)	0910	5.415	0.4700	5.264	0.3041	0.2007	43	0.50	019.41	0
019	Calcium (%)	0027	5.439	0.5420	5.264	0.3041	0.2007	43	0.58	019.43	0
019	Calcium (%)	0529	5.450	0.0600	5.264	0.3041	0.2007	43	0.61	019.31	0
019	Calcium (%)	0065	5.465	0.0500	5.264	0.3041	0.2007	43	0.66	019.44	0
019	Calcium (%)	0676	5.470	0.3000	5.264	0.3041	0.2007	43	0.68	019.99	0
019	Calcium (%)	1022	5.525	0.0300	5.264	0.3041	0.2007	43	0.86	019.44	0
019	Calcium (%)	2033	5.550	0.1000	5.264	0.3041	0.2007	43	0.94	019.43	0
019	Calcium (%)	0619	5.565	0.0300	5.264	0.3041	0.2007	43	0.99	019.41	0
019	Calcium (%)	0042	5.610	0.4800	5.264	0.3041	0.2007	43	1.14	019.43	0
019	Calcium (%)	2207	5.795	0.1100	5.264	0.3041	0.2007	43	1.75	019.42	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			
019	Calcium (%)	0870	5.922	0.1590	5.264	0.3041	0.2007	43	2.16	019.42	0
019	Calcium (%)	0407	6.030	0.2472	5.264	0.3041	0.2007	43	2.52	019.41	0
019	Calcium (%)	2232	6.112	0.2920	5.264	0.3041	0.2007	43	2.79	019.44	0
019	Calcium (%)	0001	6.170	0.2360	5.264	0.3041	0.2007	43	2.98	019.31	0
021	Cobalt (ppm)	0171	0.1450	0.0100	0.4963	0.3014	0.0116	7	-1.17	021.41	0
021	Cobalt (ppm)	0553	0.3275	0.0150	0.4963	0.3014	0.0116	7	-0.56	021.53	0
021	Cobalt (ppm)	0407	0.3475	0.0009	0.4963	0.3014	0.0116	7	-0.49	021.53	0
021	Cobalt (ppm)	0510	0.4600	0.0000	0.4963	0.3014	0.0116	7	-0.12	021.43	0
021	Cobalt (ppm)	0918	0.5447	0.0170	0.4963	0.3014	0.0116	7	0.16	021.53	0
021	Cobalt (ppm)	0407	0.7008	0.0384	0.4963	0.3014	0.0116	7	0.68	021.41	0
021	Cobalt (ppm)	0164	5.200	0.0000	0.4963	0.3014	0.0116	7	15.60	021.31	0
021	Cobalt (ppm)	0407	1.034	0.1452	0.4963	0.3014	0.0116	7	1.78	021.43	1
022	Copper (ppm)	0242	4.000	0.0000	5.601	1.199	0.3018	24	-1.33	022.99	0
022	Copper (ppm)	0047	4.305	0.1500	5.601	1.199	0.3018	24	-1.08	022.52	0
022	Copper (ppm)	0098	4.490	0.4800	5.601	1.199	0.3018	24	-0.93	022.41	0
022	Copper (ppm)	0870	4.504	0.0880	5.601	1.199	0.3018	24	-0.91	022.42	0
022	Copper (ppm)	0098	4.865	0.2500	5.601	1.199	0.3018	24	-0.61	022.43	0
022	Copper (ppm)	0870	4.867	0.1940	5.601	1.199	0.3018	24	-0.61	022.43	0
022	Copper (ppm)	0511	4.880	0.2000	5.601	1.199	0.3018	24	-0.60	022.43	0
022	Copper (ppm)	0042	4.950	0.0800	5.601	1.199	0.3018	24	-0.54	022.43	0
022	Copper (ppm)	0510	5.000	0.0000	5.601	1.199	0.3018	24	-0.50	022.43	0
022	Copper (ppm)	0407	5.037	0.3033	5.601	1.199	0.3018	24	-0.47	022.53	0
022	Copper (ppm)	0918	5.055	0.0900	5.601	1.199	0.3018	24	-0.45	022.43	0
022	Copper (ppm)	0407	5.090	0.2541	5.601	1.199	0.3018	24	-0.43	022.43	0
022	Copper (ppm)	2124	5.375	0.3700	5.601	1.199	0.3018	24	-0.19	022.43	0
022	Copper (ppm)	0553	5.440	1.260	5.601	1.199	0.3018	24	-0.13	022.53	0
022	Copper (ppm)	0171	5.800	0.2000	5.601	1.199	0.3018	24	0.17	022.41	0
022	Copper (ppm)	2033	5.800	0.2000	5.601	1.199	0.3018	24	0.17	022.43	0
022	Copper (ppm)	2207	6.000	0.0000	5.601	1.199	0.3018	24	0.33	022.42	0
022	Copper (ppm)	0910	6.000	0.0000	5.601	1.199	0.3018	24	0.33	022.44	0
022	Copper (ppm)	0027	6.463	0.1130	5.601	1.199	0.3018	24	0.72	022.43	0
022	Copper (ppm)	0164	6.950	0.1000	5.601	1.199	0.3018	24	1.13	022.41	0
022	Copper (ppm)	2089	7.345	2.110	5.601	1.199	0.3018	24	1.45	022.43	0
022	Copper (ppm)	0010	7.550	0.1000	5.601	1.199	0.3018	24	1.63	022.33	0
022	Copper (ppm)	0529	8.740	0.0000	5.601	1.199	0.3018	24	2.62	022.31	0
022	Copper (ppm)	0619	11.25	0.7000	5.601	1.199	0.3018	24	4.71	022.41	0
022	Copper (ppm)	0407	9.901	7.753	5.601	1.199	0.3018	24	3.59	022.41	1
022	Copper (ppm)	0656	< 10.1		5.601	1.199	0.3018	24		022.31	5
023	Fluorine (ppm)	2033	< 5					0		023.01	5
025	Iron (ppm)	0619	427.5	19.00	717.7	83.93	28.82	24	-3.46	025.41	0
025	Iron (ppm)	0529	559.2	63.80	717.7	83.93	28.82	24	-1.89	025.31	0
025	Iron (ppm)	0242	611.0	14.00	717.7	83.93	28.82	24	-1.27	025.99	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			
025	Iron (ppm)	0171	638.5	1.000	717.7	83.93	28.82	24	-0.94	025.41	0
025	Iron (ppm)	0407	640.3	8.836	717.7	83.93	28.82	24	-0.92	025.41	0
025	Iron (ppm)	0407	660.5	9.100	717.7	83.93	28.82	24	-0.68	025.43	0
025	Iron (ppm)	0098	663.0	24.60	717.7	83.93	28.82	24	-0.65	025.41	0
025	Iron (ppm)	0164	684.5	21.00	717.7	83.93	28.82	24	-0.40	025.41	0
025	Iron (ppm)	0511	702.9	0.9600	717.7	83.93	28.82	24	-0.18	025.43	0
025	Iron (ppm)	0870	707.2	8.600	717.7	83.93	28.82	24	-0.12	025.43	0
025	Iron (ppm)	0870	711.6	4.300	717.7	83.93	28.82	24	-0.07	025.42	0
025	Iron (ppm)	0510	713.0	2.000	717.7	83.93	28.82	24	-0.06	025.43	0
025	Iron (ppm)	0001	726.5	17.80	717.7	83.93	28.82	24	0.10	025.31	0
025	Iron (ppm)	0910	727.5	105.0	717.7	83.93	28.82	24	0.12	025.41	0
025	Iron (ppm)	2207	739.5	73.00	717.7	83.93	28.82	24	0.26	025.42	0
025	Iron (ppm)	0027	739.6	39.06	717.7	83.93	28.82	24	0.26	025.43	0
025	Iron (ppm)	0098	742.7	57.10	717.7	83.93	28.82	24	0.30	025.43	0
025	Iron (ppm)	0407	745.9	11.43	717.7	83.93	28.82	24	0.34	025.53	0
025	Iron (ppm)	2124	768.8	79.41	717.7	83.93	28.82	24	0.61	025.43	0
025	Iron (ppm)	0656	799.2	0.0000	717.7	83.93	28.82	24	0.97	025.31	0
025	Iron (ppm)	2033	805.0	10.00	717.7	83.93	28.82	24	1.04	025.43	0
025	Iron (ppm)	0918	833.3	17.02	717.7	83.93	28.82	24	1.38	025.43	0
025	Iron (ppm)	0047	837.1	42.79	717.7	83.93	28.82	24	1.42	025.52	0
025	Iron (ppm)	2089	849.1	61.93	717.7	83.93	28.82	24	1.57	025.43	0
025	Iron (ppm)	0553	858.0	164.0	717.7	83.93	28.82	24	1.67	025.53	1
027	Magnesium (%)	0407	0.1826	0.0003	0.2210	0.0156	0.0096	41	-2.46	027.41	0
027	Magnesium (%)	0407	0.1844	0.0138	0.2210	0.0156	0.0096	41	-2.34	027.43	0
027	Magnesium (%)	0529	0.1875	0.0070	0.2210	0.0156	0.0096	41	-2.14	027.31	0
027	Magnesium (%)	0511	0.1900	0.0000	0.2210	0.0156	0.0096	41	-1.98	027.43	0
027	Magnesium (%)	0889	0.1950	0.0100	0.2210	0.0156	0.0096	41	-1.66	027.99	0
027	Magnesium (%)	0510	0.2000	0.0000	0.2210	0.0156	0.0096	41	-1.34	027.43	0
027	Magnesium (%)	0098	0.2050	0.0100	0.2210	0.0156	0.0096	41	-1.02	027.41	0
027	Magnesium (%)	0870	0.2079	0.0073	0.2210	0.0156	0.0096	41	-0.84	027.43	0
027	Magnesium (%)	0407	0.2117	0.0021	0.2210	0.0156	0.0096	41	-0.60	027.53	0
027	Magnesium (%)	0171	0.2150	0.0000	0.2210	0.0156	0.0096	41	-0.38	027.41	0
027	Magnesium (%)	0619	0.2150	0.0040	0.2210	0.0156	0.0096	41	-0.38	027.41	0
027	Magnesium (%)	0098	0.2150	0.0100	0.2210	0.0156	0.0096	41	-0.38	027.43	0
027	Magnesium (%)	2124	0.2150	0.0100	0.2210	0.0156	0.0096	41	-0.38	027.43	0
027	Magnesium (%)	0910	0.2150	0.0100	0.2210	0.0156	0.0096	41	-0.38	027.44	0
027	Magnesium (%)	0164	0.2155	0.0030	0.2210	0.0156	0.0096	41	-0.35	027.41	0
027	Magnesium (%)	0027	0.2190	0.0160	0.2210	0.0156	0.0096	41	-0.13	027.43	0
027	Magnesium (%)	0918	0.2190	0.0020	0.2210	0.0156	0.0096	41	-0.13	027.43	0
027	Magnesium (%)	2219	0.2190	0.0160	0.2210	0.0156	0.0096	41	-0.13	027.44	0
027	Magnesium (%)	2089	0.2200	0.0000	0.2210	0.0156	0.0096	41	-0.06	027.43	0
027	Magnesium (%)	0047	0.2200	0.0400	0.2210	0.0156	0.0096	41	-0.06	027.52	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 (%)	2156	0.2215	0.0090	0.2210	0.0156	0.0096	41	0.03	027.44	0
027	Magnesium (%)	2187	0.2219	0.0006	0.2210	0.0156	0.0096	41	0.06	027.43	0
027	Magnesium (%)	2252	0.2235	0.0130	0.2210	0.0156	0.0096	41	0.16	027.44	0
027	Magnesium (%)	0553	0.2235	0.0110	0.2210	0.0156	0.0096	41	0.16	027.53	0
027	Magnesium (%)	1023	0.2250	0.0100	0.2210	0.0156	0.0096	41	0.26	027.41	0
027	Magnesium (%)	1024	0.2250	0.0120	0.2210	0.0156	0.0096	41	0.26	027.41	0
027	Magnesium (%)	1020	0.2255	0.0030	0.2210	0.0156	0.0096	41	0.29	027.41	0
027	Magnesium (%)	2220	0.2265	0.0250	0.2210	0.0156	0.0096	41	0.35	027.44	0
027	Magnesium (%)	2293	0.2265	0.0270	0.2210	0.0156	0.0096	41	0.35	027.44	0
027	Magnesium (%)	2331	0.2265	0.0390	0.2210	0.0156	0.0096	41	0.35	027.44	0
027	Magnesium (%)	0870	0.2290	0.0000	0.2210	0.0156	0.0096	41	0.51	027.42	0
027	Magnesium (%)	2330	0.2300	0.0400	0.2210	0.0156	0.0096	41	0.58	027.44	0
027	Magnesium (%)	0242	0.2300	0.0000	0.2210	0.0156	0.0096	41	0.58	027.99	0
027	Magnesium (%)	0001	0.2347	0.0039	0.2210	0.0156	0.0096	41	0.87	027.31	0
027	Magnesium (%)	2033	0.2350	0.0100	0.2210	0.0156	0.0096	41	0.90	027.43	0
027	Magnesium (%)	0065	0.2395	0.0010	0.2210	0.0156	0.0096	41	1.18	027.44	0
027	Magnesium (%)	0656	0.2400	0.0000	0.2210	0.0156	0.0096	41	1.22	027.31	0
027	Magnesium (%)	1022	0.2450	0.0040	0.2210	0.0156	0.0096	41	1.54	027.44	0
027	Magnesium (%)	0042	0.2475	0.0090	0.2210	0.0156	0.0096	41	1.70	027.43	0
027	Magnesium (%)	2232	0.2500	0.0060	0.2210	0.0156	0.0096	41	1.86	027.41	0
027	Magnesium (%)	2207	0.2550	0.0100	0.2210	0.0156	0.0096	41	2.18	027.42	0
028	Manganese (ppm)	0870	28.86	1.000	33.06	2.286	0.9089	26	-1.84	028.43	0
028	Manganese (ppm)	0164	30.00	0.0000	33.06	2.286	0.9089	26	-1.34	028.41	0
028	Manganese (ppm)	0870	30.15	0.0300	33.06	2.286	0.9089	26	-1.27	028.42	0
028	Manganese (ppm)	0171	30.70	0.2000	33.06	2.286	0.9089	26	-1.03	028.41	0
028	Manganese (ppm)	0407	31.08	1.369	33.06	2.286	0.9089	26	-0.87	028.43	0
028	Manganese (ppm)	0511	31.32	0.5900	33.06	2.286	0.9089	26	-0.76	028.43	0
028	Manganese (ppm)	0619	31.35	1.300	33.06	2.286	0.9089	26	-0.75	028.41	0
028	Manganese (ppm)	0529	31.75	1.100	33.06	2.286	0.9089	26	-0.57	028.31	0
028	Manganese (ppm)	0510	32.00	0.0000	33.06	2.286	0.9089	26	-0.46	028.43	0
028	Manganese (ppm)	0553	32.25	0.5000	33.06	2.286	0.9089	26	-0.35	028.53	0
028	Manganese (ppm)	0407	32.52	1.653	33.06	2.286	0.9089	26	-0.23	028.41	0
028	Manganese (ppm)	2124	32.65	1.820	33.06	2.286	0.9089	26	-0.18	028.43	0
028	Manganese (ppm)	0910	33.00	0.0000	33.06	2.286	0.9089	26	-0.03	028.44	0
028	Manganese (ppm)	0001	33.29	0.8700	33.06	2.286	0.9089	26	0.10	028.31	0
028	Manganese (ppm)	2089	33.29	0.6000	33.06	2.286	0.9089	26	0.10	028.43	0
028	Manganese (ppm)	0407	33.45	0.7482	33.06	2.286	0.9089	26	0.17	028.53	0
028	Manganese (ppm)	0098	33.57	1.150	33.06	2.286	0.9089	26	0.22	028.41	0
028	Manganese (ppm)	0242	34.00	0.0000	33.06	2.286	0.9089	26	0.41	028.99	0
028	Manganese (ppm)	0918	34.01	1.420	33.06	2.286	0.9089	26	0.42	028.43	0
028	Manganese (ppm)	2033	34.55	0.5500	33.06	2.286	0.9089	26	0.65	028.43	0
028	Manganese (ppm)	0098	34.93	1.940	33.06	2.286	0.9089	26	0.82	028.43	0

Method Group	Analyte Group (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Your Method	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Tests			
028	Manganese (ppm)	0027	35.38	2.102	33.06	2.286	0.9089	26	1.02	028.43	0
028	Manganese (ppm)	2207	35.50	1.000	33.06	2.286	0.9089	26	1.07	028.42	0
028	Manganese (ppm)	0656	36.18	0.0000	33.06	2.286	0.9089	26	1.37	028.31	0
028	Manganese (ppm)	1022	37.29	0.6900	33.06	2.286	0.9089	26	1.85	028.44	0
028	Manganese (ppm)	0047	41.78	3.000	33.06	2.286	0.9089	26	3.82	028.52	0
028	Manganese (ppm)	0042	37.50	8.800	33.06	2.286	0.9089	26	1.94	028.43	1
031	Phosphorus (%)	0889	2.115	0.0100	3.247	0.1606	0.1067	41	-7.05	031.99	0
031	Phosphorus (%)	0511	2.915	0.0300	3.247	0.1606	0.1067	41	-2.07	031.43	0
031	Phosphorus (%)	0164	3.005	0.0700	3.247	0.1606	0.1067	41	-1.51	031.41	0
031	Phosphorus (%)	2219	3.030	0.2260	3.247	0.1606	0.1067	41	-1.35	031.44	0
031	Phosphorus (%)	2124	3.050	0.0600	3.247	0.1606	0.1067	41	-1.23	031.43	0
031	Phosphorus (%)	0407	3.079	0.0135	3.247	0.1606	0.1067	41	-1.05	031.43	0
031	Phosphorus (%)	2156	3.106	0.0470	3.247	0.1606	0.1067	41	-0.88	031.44	0
031	Phosphorus (%)	2220	3.120	0.2000	3.247	0.1606	0.1067	41	-0.79	031.44	0
031	Phosphorus (%)	2293	3.120	0.2200	3.247	0.1606	0.1067	41	-0.79	031.44	0
031	Phosphorus (%)	2252	3.126	0.1380	3.247	0.1606	0.1067	41	-0.76	031.44	0
031	Phosphorus (%)	2331	3.145	0.3700	3.247	0.1606	0.1067	41	-0.64	031.44	0
031	Phosphorus (%)	1024	3.150	0.0400	3.247	0.1606	0.1067	41	-0.61	031.41	0
031	Phosphorus (%)	2330	3.150	0.3400	3.247	0.1606	0.1067	41	-0.61	031.44	0
031	Phosphorus (%)	0529	3.155	0.0300	3.247	0.1606	0.1067	41	-0.58	031.01	0
031	Phosphorus (%)	2089	3.180	0.0800	3.247	0.1606	0.1067	41	-0.42	031.43	0
031	Phosphorus (%)	0042	3.195	0.2900	3.247	0.1606	0.1067	41	-0.33	031.43	0
031	Phosphorus (%)	2033	3.215	0.0100	3.247	0.1606	0.1067	41	-0.20	031.43	0
031	Phosphorus (%)	1020	3.230	0.0000	3.247	0.1606	0.1067	41	-0.11	031.41	0
031	Phosphorus (%)	0510	3.230	0.0200	3.247	0.1606	0.1067	41	-0.11	031.43	0
031	Phosphorus (%)	0171	3.245	0.0100	3.247	0.1606	0.1067	41	-0.02	031.41	0
031	Phosphorus (%)	0098	3.257	0.0160	3.247	0.1606	0.1067	41	0.06	031.41	0
031	Phosphorus (%)	0027	3.272	0.2920	3.247	0.1606	0.1067	41	0.15	031.43	0
031	Phosphorus (%)	0918	3.279	0.0310	3.247	0.1606	0.1067	41	0.19	031.43	0
031	Phosphorus (%)	0676	3.280	0.0600	3.247	0.1606	0.1067	41	0.20	031.99	0
031	Phosphorus (%)	0098	3.284	0.2810	3.247	0.1606	0.1067	41	0.22	031.43	0
031	Phosphorus (%)	0010	3.300	0.2600	3.247	0.1606	0.1067	41	0.33	031.43	0
031	Phosphorus (%)	0001	3.302	0.0130	3.247	0.1606	0.1067	41	0.34	031.03	0
031	Phosphorus (%)	0065	3.310	0.0400	3.247	0.1606	0.1067	41	0.39	031.44	0
031	Phosphorus (%)	2187	3.331	0.0489	3.247	0.1606	0.1067	41	0.52	031.43	0
031	Phosphorus (%)	0910	3.340	0.2800	3.247	0.1606	0.1067	41	0.58	031.44	0
031	Phosphorus (%)	0242	3.350	0.0600	3.247	0.1606	0.1067	41	0.64	031.99	0
031	Phosphorus (%)	0407	3.356	0.0591	3.247	0.1606	0.1067	41	0.68	031.53	0
031	Phosphorus (%)	0619	3.360	0.0200	3.247	0.1606	0.1067	41	0.70	031.41	0
031	Phosphorus (%)	1022	3.380	0.0200	3.247	0.1606	0.1067	41	0.83	031.44	0
031	Phosphorus (%)	0870	3.400	0.2390	3.247	0.1606	0.1067	41	0.95	031.43	0
031	Phosphorus (%)	0047	3.400	0.2000	3.247	0.1606	0.1067	41	0.95	031.42	0

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			Value	Range	Rob Mean	Robust SD	R-bar	# Tests			
031	Phosphorus (%)	0407	3.462	0.0175	3.247	0.1606	0.1067	41	1.34	031.41	0
031	Phosphorus (%)	2232	3.477	0.0750	3.247	0.1606	0.1067	41	1.43	031.41	0
031	Phosphorus (%)	0001	3.485	0.0700	3.247	0.1606	0.1067	41	1.48	031.43	0
031	Phosphorus (%)	2207	3.545	0.0100	3.247	0.1606	0.1067	41	1.85	031.42	0
031	Phosphorus (%)	0870	3.557	0.0760	3.247	0.1606	0.1067	41	1.93	031.42	0
031	Phosphorus (%)	0553	2.790	0.7800	3.247	0.1606	0.1067	41	-2.85	031.53	1
031	Phosphorus (%)	1023	1.210	0.0600	3.247	0.1606	0.1067	41	-12.69	031.41	2
032	Potassium (%)	0529	0.9650	0.0100	1.207	0.0667	0.0368	45	-3.63	032.31	0
032	Potassium (%)	2136	1.025	0.0500	1.207	0.0667	0.0368	45	-2.73	032.43	0
032	Potassium (%)	0619	1.075	0.0100	1.207	0.0667	0.0368	45	-1.98	032.41	0
032	Potassium (%)	0511	1.085	0.0100	1.207	0.0667	0.0368	45	-1.83	032.43	0
032	Potassium (%)	0910	1.125	0.0700	1.207	0.0667	0.0368	45	-1.23	032.41	0
032	Potassium (%)	0208	1.128	0.0260	1.207	0.0667	0.0368	45	-1.18	032.41	0
032	Potassium (%)	0407	1.141	0.0267	1.207	0.0667	0.0368	45	-0.98	032.41	0
032	Potassium (%)	0553	1.145	0.0100	1.207	0.0667	0.0368	45	-0.93	032.53	0
032	Potassium (%)	2219	1.146	0.0470	1.207	0.0667	0.0368	45	-0.92	032.44	0
032	Potassium (%)	0407	1.154	0.0518	1.207	0.0667	0.0368	45	-0.79	032.53	0
032	Potassium (%)	2089	1.160	0.0200	1.207	0.0667	0.0368	45	-0.70	032.43	0
032	Potassium (%)	0164	1.165	0.0100	1.207	0.0667	0.0368	45	-0.63	032.41	0
032	Potassium (%)	2252	1.166	0.0510	1.207	0.0667	0.0368	45	-0.62	032.44	0
032	Potassium (%)	1020	1.170	0.0200	1.207	0.0667	0.0368	45	-0.55	032.41	0
032	Potassium (%)	0870	1.173	0.0330	1.207	0.0667	0.0368	45	-0.51	032.43	0
032	Potassium (%)	0042	1.175	0.0100	1.207	0.0667	0.0368	45	-0.48	032.43	0
032	Potassium (%)	2156	1.181	0.0340	1.207	0.0667	0.0368	45	-0.39	032.44	0
032	Potassium (%)	0242	1.190	0.0200	1.207	0.0667	0.0368	45	-0.25	032.99	0
032	Potassium (%)	0918	1.193	0.0040	1.207	0.0667	0.0368	45	-0.21	032.43	0
032	Potassium (%)	2331	1.200	0.1600	1.207	0.0667	0.0368	45	-0.10	032.44	0
032	Potassium (%)	2293	1.205	0.1100	1.207	0.0667	0.0368	45	-0.03	032.44	0
032	Potassium (%)	1023	1.210	0.0600	1.207	0.0667	0.0368	45	0.05	032.41	0
032	Potassium (%)	2330	1.210	0.1600	1.207	0.0667	0.0368	45	0.05	032.44	0
032	Potassium (%)	0171	1.213	0.0070	1.207	0.0667	0.0368	45	0.09	032.41	0
032	Potassium (%)	2220	1.215	0.0900	1.207	0.0667	0.0368	45	0.12	032.44	0
032	Potassium (%)	0098	1.225	0.0500	1.207	0.0667	0.0368	45	0.27	032.41	0
032	Potassium (%)	0098	1.225	0.0300	1.207	0.0667	0.0368	45	0.27	032.43	0
032	Potassium (%)	0001	1.226	0.0060	1.207	0.0667	0.0368	45	0.29	032.31	0
032	Potassium (%)	0208	1.230	0.0200	1.207	0.0667	0.0368	45	0.35	032.31	0
032	Potassium (%)	0010	1.230	0.0200	1.207	0.0667	0.0368	45	0.35	032.43	0
032	Potassium (%)	2124	1.240	0.0400	1.207	0.0667	0.0368	45	0.50	032.43	0
032	Potassium (%)	2187	1.240	0.0080	1.207	0.0667	0.0368	45	0.50	032.43	0
032	Potassium (%)	0027	1.245	0.0150	1.207	0.0667	0.0368	45	0.57	032.43	0
032	Potassium (%)	1024	1.250	0.0800	1.207	0.0667	0.0368	45	0.65	032.41	0
032	Potassium (%)	0047	1.250	0.1000	1.207	0.0667	0.0368	45	0.65	032.42	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 (%)	0407	1.256	0.0244	1.207	0.0667	0.0368	45	0.74	032.43	0
032	Potassium (%)	0889	1.265	0.0100	1.207	0.0667	0.0368	45	0.87	032.99	0
032	Potassium (%)	0656	1.270	0.0000	1.207	0.0667	0.0368	45	0.95	032.31	0
032	Potassium (%)	0065	1.270	0.0200	1.207	0.0667	0.0368	45	0.95	032.44	0
032	Potassium (%)	0870	1.281	0.0240	1.207	0.0667	0.0368	45	1.11	032.42	0
032	Potassium (%)	1022	1.290	0.0000	1.207	0.0667	0.0368	45	1.25	032.44	0
032	Potassium (%)	2033	1.300	0.0000	1.207	0.0667	0.0368	45	1.40	032.43	0
032	Potassium (%)	0510	1.305	0.0100	1.207	0.0667	0.0368	45	1.48	032.43	0
032	Potassium (%)	2232	1.306	0.0200	1.207	0.0667	0.0368	45	1.49	032.41	0
032	Potassium (%)	2207	1.370	0.0800	1.207	0.0667	0.0368	45	2.45	032.42	0
033	Salt as chloride (%)	0098	1.130	0.0200	1.697	0.3259	0.0129	9	-1.74	033.01	0
033	Salt as chloride (%)	0510	1.205	0.0300	1.697	0.3259	0.0129	9	-1.51	033.01	0
033	Salt as chloride (%)	0619	1.700	0.0000	1.697	0.3259	0.0129	9	0.01	033.01	0
033	Salt as chloride (%)	0171	1.770	0.0000	1.697	0.3259	0.0129	9	0.22	033.00	0
033	Salt as chloride (%)	0309	1.830	0.0031	1.697	0.3259	0.0129	9	0.41	033.00	0
033	Salt as chloride (%)	0407	1.831	0.0130	1.697	0.3259	0.0129	9	0.41	033.01	0
033	Salt as chloride (%)	0650	1.840	0.0400	1.697	0.3259	0.0129	9	0.44	033.99	0
033	Salt as chloride (%)	0164	1.925	0.0100	1.697	0.3259	0.0129	9	0.70	033.01	0
033	Salt as chloride (%)	0242	1.960	0.0000	1.697	0.3259	0.0129	9	0.81	033.01	0
034	Selenium, Total (Se) (ppm)	0171	1.710	0.1800	2.365	0.5179	0.1951	9	-1.26	034.04	0
034	Selenium, Total (Se) (ppm)	0164	1.855	0.0100	2.365	0.5179	0.1951	9	-0.98	034.53	0
034	Selenium, Total (Se) (ppm)	0553	2.085	0.1500	2.365	0.5179	0.1951	9	-0.54	034.53	0
034	Selenium, Total (Se) (ppm)	0047	2.210	0.3000	2.365	0.5179	0.1951	9	-0.30	034.52	0
034	Selenium, Total (Se) (ppm)	0910	2.230	0.6400	2.365	0.5179	0.1951	9	-0.26	034.51	0
034	Selenium, Total (Se) (ppm)	2207	2.600	0.0000	2.365	0.5179	0.1951	9	0.45	034.52	0
034	Selenium, Total (Se) (ppm)	0407	2.703	0.0920	2.365	0.5179	0.1951	9	0.65	034.53	0
034	Selenium, Total (Se) (ppm)	2033	2.855	0.0100	2.365	0.5179	0.1951	9	0.95	034.53	0
034	Selenium, Total (Se) (ppm)	0918	3.035	0.3735	2.365	0.5179	0.1951	9	1.29	034.53	0
035	Sodium (%)	0407	0.9369	0.0397	1.049	0.0649	0.0298	37	-1.73	035.41	0
035	Sodium (%)	0529	0.9475	0.0010	1.049	0.0649	0.0298	37	-1.57	035.31	0
035	Sodium (%)	0407	0.9507	0.0275	1.049	0.0649	0.0298	37	-1.52	035.43	0
035	Sodium (%)	0510	0.9605	0.0030	1.049	0.0649	0.0298	37	-1.37	035.43	0
035	Sodium (%)	0407	0.9616	0.0049	1.049	0.0649	0.0298	37	-1.35	035.53	0
035	Sodium (%)	0164	0.9675	0.0010	1.049	0.0649	0.0298	37	-1.26	035.41	0
035	Sodium (%)	0619	0.9770	0.0120	1.049	0.0649	0.0298	37	-1.11	035.41	0
035	Sodium (%)	0171	1.010	0.0000	1.049	0.0649	0.0298	37	-0.60	035.41	0
035	Sodium (%)	0910	1.010	0.0200	1.049	0.0649	0.0298	37	-0.60	035.41	0
035	Sodium (%)	1020	1.010	0.0200	1.049	0.0649	0.0298	37	-0.60	035.41	0
035	Sodium (%)	0553	1.014	0.0520	1.049	0.0649	0.0298	37	-0.54	035.53	0
035	Sodium (%)	2187	1.022	0.0010	1.049	0.0649	0.0298	37	-0.42	035.43	0
035	Sodium (%)	2089	1.030	0.0000	1.049	0.0649	0.0298	37	-0.30	035.43	0
035	Sodium (%)	0918	1.033	0.0010	1.049	0.0649	0.0298	37	-0.26	035.43	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			
035	Sodium (%)	2124	1.035	0.0300	1.049	0.0649	0.0298	37	-0.22	035.43	0
035	Sodium (%)	0042	1.040	0.0200	1.049	0.0649	0.0298	37	-0.14	035.43	0
035	Sodium (%)	0242	1.050	0.0000	1.049	0.0649	0.0298	37	0.01	035.99	0
035	Sodium (%)	2219	1.051	0.0370	1.049	0.0649	0.0298	37	0.02	035.41	0
035	Sodium (%)	0098	1.055	0.0100	1.049	0.0649	0.0298	37	0.09	035.41	0
035	Sodium (%)	1023	1.060	0.0600	1.049	0.0649	0.0298	37	0.17	035.41	0
035	Sodium (%)	2252	1.063	0.0440	1.049	0.0649	0.0298	37	0.21	035.41	0
035	Sodium (%)	0098	1.065	0.0100	1.049	0.0649	0.0298	37	0.24	035.43	0
035	Sodium (%)	0870	1.067	0.0290	1.049	0.0649	0.0298	37	0.27	035.43	0
035	Sodium (%)	2156	1.080	0.0390	1.049	0.0649	0.0298	37	0.47	035.41	0
035	Sodium (%)	0656	1.080	0.0000	1.049	0.0649	0.0298	37	0.47	035.31	0
035	Sodium (%)	2293	1.080	0.1400	1.049	0.0649	0.0298	37	0.47	035.41	0
035	Sodium (%)	2330	1.080	0.1600	1.049	0.0649	0.0298	37	0.47	035.41	0
035	Sodium (%)	2220	1.085	0.0900	1.049	0.0649	0.0298	37	0.55	035.41	0
035	Sodium (%)	1024	1.100	0.0800	1.049	0.0649	0.0298	37	0.78	035.41	0
035	Sodium (%)	2033	1.100	0.0000	1.049	0.0649	0.0298	37	0.78	035.43	0
035	Sodium (%)	0065	1.105	0.0100	1.049	0.0649	0.0298	37	0.86	035.41	0
035	Sodium (%)	0870	1.108	0.0260	1.049	0.0649	0.0298	37	0.91	035.42	0
035	Sodium (%)	0027	1.114	0.0250	1.049	0.0649	0.0298	37	0.99	035.43	0
035	Sodium (%)	0010	1.115	0.0100	1.049	0.0649	0.0298	37	1.01	035.43	0
035	Sodium (%)	2232	1.161	0.0300	1.049	0.0649	0.0298	37	1.72	035.41	0
035	Sodium (%)	1022	1.180	0.0000	1.049	0.0649	0.0298	37	2.01	035.41	0
035	Sodium (%)	2207	1.195	0.0700	1.049	0.0649	0.0298	37	2.24	035.42	0
035	Sodium (%)	2331	1.080	0.1800	1.049	0.0649	0.0298	37	0.47	035.41	1
035	Sodium (%)	0889	0.1100	0.0000	1.049	0.0649	0.0298	37	-14.46	035.99	2
036	Sulfur (%)	0889	0.8200	0.0000	0.9093	0.0490	0.0079	13	-1.82	036.99	0
036	Sulfur (%)	0242	0.8500	0.0000	0.9093	0.0490	0.0079	13	-1.21	036.99	0
036	Sulfur (%)	0042	0.8690	0.0300	0.9093	0.0490	0.0079	13	-0.82	036.43	0
036	Sulfur (%)	0870	0.8706	0.0035	0.9093	0.0490	0.0079	13	-0.79	036.43	0
036	Sulfur (%)	0553	0.9025	0.0150	0.9093	0.0490	0.0079	13	-0.14	036.53	0
036	Sulfur (%)	0870	0.9027	0.0027	0.9093	0.0490	0.0079	13	-0.14	036.42	0
036	Sulfur (%)	0171	0.9150	0.0100	0.9093	0.0490	0.0079	13	0.12	036.42	0
036	Sulfur (%)	0164	0.9200	0.0000	0.9093	0.0490	0.0079	13	0.22	036.42	0
036	Sulfur (%)	0407	0.9348	0.0074	0.9093	0.0490	0.0079	13	0.52	036.42	0
036	Sulfur (%)	0918	0.9430	0.0140	0.9093	0.0490	0.0079	13	0.69	036.43	0
036	Sulfur (%)	2033	0.9450	0.0100	0.9093	0.0490	0.0079	13	0.73	036.43	0
036	Sulfur (%)	0510	0.9500	0.0000	0.9093	0.0490	0.0079	13	0.83	036.43	0
036	Sulfur (%)	2089	0.9850	0.0100	0.9093	0.0490	0.0079	13	1.55	036.43	0
036	Sulfur (%)	0407	0.9631	0.0499	0.9093	0.0490	0.0079	13	1.10	036.43	1
037	Zinc (ppm)	0171	69.50	1.800	88.15	6.104	2.707	27	-3.06	037.41	0
037	Zinc (ppm)	0164	72.00	0.0000	88.15	6.104	2.707	27	-2.65	037.41	0
037	Zinc (ppm)	0529	73.70	8.200	88.15	6.104	2.707	27	-2.37	037.31	0

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037	Zinc (ppm)	0619	77.65	2.900	88.15	6.104	2.707	27	-1.72	037.41	0
037	Zinc (ppm)	0910	83.00	0.0000	88.15	6.104	2.707	27	-0.84	037.41	0
037	Zinc (ppm)	0098	84.00	3.450	88.15	6.104	2.707	27	-0.68	037.41	0
037	Zinc (ppm)	0918	84.75	0.5400	88.15	6.104	2.707	27	-0.56	037.43	0
037	Zinc (ppm)	0407	85.39	0.8677	88.15	6.104	2.707	27	-0.45	037.53	0
037	Zinc (ppm)	0242	86.00	2.000	88.15	6.104	2.707	27	-0.35	037.99	0
037	Zinc (ppm)	0870	87.35	0.5200	88.15	6.104	2.707	27	-0.13	037.42	0
037	Zinc (ppm)	2124	87.47	4.120	88.15	6.104	2.707	27	-0.11	037.43	0
037	Zinc (ppm)	0870	88.22	5.530	88.15	6.104	2.707	27	0.01	037.43	0
037	Zinc (ppm)	0889	88.32	0.0000	88.15	6.104	2.707	27	0.03	037.99	0
037	Zinc (ppm)	0042	88.55	3.300	88.15	6.104	2.707	27	0.07	037.43	0
037	Zinc (ppm)	0098	88.91	5.510	88.15	6.104	2.707	27	0.12	037.43	0
037	Zinc (ppm)	0511	88.99	0.5800	88.15	6.104	2.707	27	0.14	037.43	0
037	Zinc (ppm)	2089	89.68	3.350	88.15	6.104	2.707	27	0.25	037.43	0
037	Zinc (ppm)	0010	90.00	0.0000	88.15	6.104	2.707	27	0.30	037.33	0
037	Zinc (ppm)	0510	91.00	2.000	88.15	6.104	2.707	27	0.47	037.43	0
037	Zinc (ppm)	0407	91.08	3.442	88.15	6.104	2.707	27	0.48	037.41	0
037	Zinc (ppm)	0027	91.52	5.043	88.15	6.104	2.707	27	0.55	037.43	0
037	Zinc (ppm)	0001	91.80	7.570	88.15	6.104	2.707	27	0.60	037.31	0
037	Zinc (ppm)	2033	91.80	3.400	88.15	6.104	2.707	27	0.60	037.43	0
037	Zinc (ppm)	2207	95.00	4.000	88.15	6.104	2.707	27	1.12	037.42	0
037	Zinc (ppm)	0407	96.69	3.046	88.15	6.104	2.707	27	1.40	037.43	0
037	Zinc (ppm)	0047	98.73	1.920	88.15	6.104	2.707	27	1.73	037.52	0
037	Zinc (ppm)	0656	117.3	0.0000	88.15	6.104	2.707	27	4.78	037.31	0
037	Zinc (ppm)	0553	89.90	16.20	88.15	6.104	2.707	27	0.29	037.53	1
038	Molybdenum (ppm)	0171	0.5050	0.0500	0.7295	0.1620	0.0323	7	-1.39	038.41	0
038	Molybdenum (ppm)	0510	0.6500	0.1000	0.7295	0.1620	0.0323	7	-0.49	038.43	0
038	Molybdenum (ppm)	0407	0.6535	0.0278	0.7295	0.1620	0.0323	7	-0.47	038.41	0
038	Molybdenum (ppm)	0164	0.7600	0.0380	0.7295	0.1620	0.0323	7	0.19	038.53	0
038	Molybdenum (ppm)	0553	0.7885	0.0030	0.7295	0.1620	0.0323	7	0.36	038.53	0
038	Molybdenum (ppm)	0407	0.7930	0.0020	0.7295	0.1620	0.0323	7	0.39	038.53	0
038	Molybdenum (ppm)	0918	0.9563	0.0054	0.7295	0.1620	0.0323	7	1.40	038.53	0
038	Molybdenum (ppm)	0407	0.6620	0.3043	0.7295	0.1620	0.0323	7	-0.42	038.43	1
040	Barium (ppm)	0511	13.87	0.0600				3		040.53	0
040	Barium (ppm)	0407	14.42	0.1250				3		040.53	0
040	Barium (ppm)	0918	14.42	1.067				3		040.53	0
041	Vanadium (ppm)	0553	4.985	0.1900				2		041.53	0
041	Vanadium (ppm)	0407	5.073	0.1380				2		041.53	0
101	Choline Chloride (ppm)	0227	3,265	70.00				1		101.02	0
102	Niacin (ppm)	0010	83.20	1.400				2		102.02	0
102	Niacin (ppm)	0227	136.5	1.000				2		102.01	0
103	Pantothenic Acid (ppm)	0227	15.20	0.2000				2		103.01	0

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103	Pantothenic Acid (ppm)	0010	19.75	0.1000				2		103.02	0
104	Riboflavin (ppm)	0910	1.170	0.0000				3		104.03	0
104	Riboflavin (ppm)	0171	1.350	0.1000				3		104.00	0
104	Riboflavin (ppm)	0010	1.700	0.0000				3		104.03	0
104	Riboflavin (ppm)	0227	6.510	0.0400				3		104.00	2
105	Thiamine (ppm)	0910	0.3900	0.0000				1		105.00	0
105	Thiamine (ppm)	2250	< 0.05					1		105.00	5
105	Thiamine (ppm)	0227	< 0.087					1		105.01	5
105	Thiamine (ppm)	0010	< 5					1		105.00	5
106	Vitamin A (KU / kg)	0676	0.7850	0.0300				2		106.02	0
106	Vitamin A (KU / kg)	0227	0.8045	0.0810				2		106.02	0
107	Vitamin B12 (ppb)	0227	176.0	14.00				1		107.00	0
108	Vitamin D3 (KU / kg)	0227	2.480	0.0400				1		108.02	0
109	Vitamin E (IU / kg)	0227	5.420	0.4400				3		109.02	0
109	Vitamin E (IU / kg)	0910	9.400	0.0000				3		109.02	0
109	Vitamin E (IU / kg)	0676	14.85	0.3000				3		109.02	0
109	Vitamin E (IU / kg)	0918	355.0	370.0				3		109.02	2
112	Pyridoxine (µg / g)	0227	2.275	0.0100				1		112.01	0
112	Pyridoxine (µg / g)	2250	< 0.05					1		112.01	5
112	Pyridoxine (µg / g)	0010	< 5					1		112.01	5
113	Folic Acid (ppm)	0227	0.5180	0.0220				1		113.99	0
114	Biotin (ppm)	0227	0.3835	0.0010				1		114.01	0
114	Biotin (ppm)	0010	< 0.5					1		114.99	5
120	Alanine (%)	0889	3.450	0.0000	4.040	0.3728	0.0623	10	-1.58	120.99	0
120	Alanine (%)	0160	3.490	0.0800	4.040	0.3728	0.0623	10	-1.48	120.99	0
120	Alanine (%)	0171	3.930	0.0000	4.040	0.3728	0.0623	10	-0.30	120.00	0
120	Alanine (%)	0870	4.081	0.0695	4.040	0.3728	0.0623	10	0.11	120.00	0
120	Alanine (%)	0407	4.109	0.1010	4.040	0.3728	0.0623	10	0.18	120.05	0
120	Alanine (%)	0910	4.120	0.0000	4.040	0.3728	0.0623	10	0.21	120.00	0
120	Alanine (%)	0504	4.185	0.1100	4.040	0.3728	0.0623	10	0.39	120.00	0
120	Alanine (%)	0676	4.190	0.0600	4.040	0.3728	0.0623	10	0.40	120.05	0
120	Alanine (%)	0227	4.310	0.1000	4.040	0.3728	0.0623	10	0.72	120.99	0
120	Alanine (%)	0918	4.505	0.1026	4.040	0.3728	0.0623	10	1.25	120.00	0
121	Arginine (%)	0160	3.650	0.1800	3.916	0.1926	0.0823	10	-1.38	121.99	0
121	Arginine (%)	0910	3.820	0.0000	3.916	0.1926	0.0823	10	-0.50	121.00	0
121	Arginine (%)	0870	3.823	0.0430	3.916	0.1926	0.0823	10	-0.48	121.00	0
121	Arginine (%)	0918	3.867	0.0285	3.916	0.1926	0.0823	10	-0.25	121.00	0
121	Arginine (%)	0889	3.885	0.0100	3.916	0.1926	0.0823	10	-0.16	121.99	0
121	Arginine (%)	0676	3.895	0.1300	3.916	0.1926	0.0823	10	-0.11	121.05	0
121	Arginine (%)	0504	3.900	0.1600	3.916	0.1926	0.0823	10	-0.08	121.00	0
121	Arginine (%)	0227	3.910	0.0800	3.916	0.1926	0.0823	10	-0.03	121.99	0
121	Arginine (%)	0171	4.265	0.0500	3.916	0.1926	0.0823	10	1.81	121.00	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			
121	Arginine (%)	0407	4.330	0.1410	3.916	0.1926	0.0823	10	2.15	121.05	0
122	Aspartic (%)	0407	4.715	0.2840	5.612	0.2904	0.1085	10	-3.09	122.05	0
122	Aspartic (%)	0160	5.230	0.0400	5.612	0.2904	0.1085	10	-1.31	122.99	0
122	Aspartic (%)	0889	5.515	0.0300	5.612	0.2904	0.1085	10	-0.33	122.99	0
122	Aspartic (%)	0918	5.610	0.1328	5.612	0.2904	0.1085	10	-0.01	122.00	0
122	Aspartic (%)	0171	5.660	0.0400	5.612	0.2904	0.1085	10	0.17	122.00	0
122	Aspartic (%)	0910	5.660	0.0000	5.612	0.2904	0.1085	10	0.17	122.00	0
122	Aspartic (%)	0227	5.695	0.0500	5.612	0.2904	0.1085	10	0.29	122.99	0
122	Aspartic (%)	0870	5.760	0.0577	5.612	0.2904	0.1085	10	0.51	122.00	0
122	Aspartic (%)	0504	5.765	0.1500	5.612	0.2904	0.1085	10	0.53	122.00	0
122	Aspartic (%)	0676	6.570	0.3000	5.612	0.2904	0.1085	10	3.30	122.05	0
124	Cysteine/Cystine (%)	0870	0.4369	0.0192	0.5172	0.0691	0.0065	9	-1.16	124.00	0
124	Cysteine/Cystine (%)	0918	0.4500	0.0000	0.5172	0.0691	0.0065	9	-0.97	124.00	0
124	Cysteine/Cystine (%)	0160	0.4550	0.0100	0.5172	0.0691	0.0065	9	-0.90	124.00	0
124	Cysteine/Cystine (%)	0227	0.5100	0.0000	0.5172	0.0691	0.0065	9	-0.10	124.00	0
124	Cysteine/Cystine (%)	0910	0.5200	0.0000	0.5172	0.0691	0.0065	9	0.04	124.00	0
124	Cysteine/Cystine (%)	0889	0.5400	0.0000	0.5172	0.0691	0.0065	9	0.33	124.99	0
124	Cysteine/Cystine (%)	0504	0.5550	0.0100	0.5172	0.0691	0.0065	9	0.55	124.00	0
124	Cysteine/Cystine (%)	0676	0.5700	0.0000	0.5172	0.0691	0.0065	9	0.76	124.05	0
124	Cysteine/Cystine (%)	0171	0.6175	0.0190	0.5172	0.0691	0.0065	9	1.45	124.00	0
124	Cysteine/Cystine (%)	0407	0.6358	0.1561	0.5172	0.0691	0.0065	9	1.72	124.05	1
125	Glutamic (%)	0889	6.140	0.0800	7.779	0.6951	0.0639	9	-2.36	125.99	0
125	Glutamic (%)	0160	6.895	0.1100	7.779	0.6951	0.0639	9	-1.27	125.99	0
125	Glutamic (%)	0407	7.485	0.1000	7.779	0.6951	0.0639	9	-0.42	125.05	0
125	Glutamic (%)	0676	7.750	0.1000	7.779	0.6951	0.0639	9	-0.04	125.05	0
125	Glutamic (%)	0870	8.156	0.0751	7.779	0.6951	0.0639	9	0.54	125.00	0
125	Glutamic (%)	0918	8.171	0.0000	7.779	0.6951	0.0639	9	0.56	125.00	0
125	Glutamic (%)	0227	8.200	0.0600	7.779	0.6951	0.0639	9	0.61	125.99	0
125	Glutamic (%)	0171	8.215	0.0500	7.779	0.6951	0.0639	9	0.63	125.00	0
125	Glutamic (%)	0910	8.400	0.0000	7.779	0.6951	0.0639	9	0.89	125.00	0
125	Glutamic (%)	0504	8.495	0.6300	7.779	0.6951	0.0639	9	1.03	125.00	1
126	Glycine (%)	0889	1.175	0.0100	5.320	0.2627	0.1201	10	-15.78	126.99	0
126	Glycine (%)	0676	5.180	0.1200	5.320	0.2627	0.1201	10	-0.53	126.05	0
126	Glycine (%)	0870	5.191	0.1261	5.320	0.2627	0.1201	10	-0.49	126.00	0
126	Glycine (%)	0160	5.225	0.2500	5.320	0.2627	0.1201	10	-0.36	126.99	0
126	Glycine (%)	0910	5.230	0.0000	5.320	0.2627	0.1201	10	-0.34	126.00	0
126	Glycine (%)	0504	5.260	0.0800	5.320	0.2627	0.1201	10	-0.23	126.00	0
126	Glycine (%)	0171	5.355	0.0500	5.320	0.2627	0.1201	10	0.13	126.00	0
126	Glycine (%)	0918	5.540	0.0364	5.320	0.2627	0.1201	10	0.84	126.00	0
126	Glycine (%)	0227	5.580	0.1800	5.320	0.2627	0.1201	10	0.99	126.99	0
126	Glycine (%)	0407	6.397	0.3480	5.320	0.2627	0.1201	10	4.10	126.05	0
127	Histidine (%)	0889	1.175	0.0100	1.561	0.1234	0.0244	10	-3.13	127.99	0

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			Value	Range	Rob Mean	Robust SD	R-bar	# Tests			
127	Histidine (%)	0676	1.435	0.0500	1.561	0.1234	0.0244	10	-1.02	127.05	0
127	Histidine (%)	0160	1.505	0.0500	1.561	0.1234	0.0244	10	-0.45	127.99	0
127	Histidine (%)	0171	1.515	0.0300	1.561	0.1234	0.0244	10	-0.37	127.00	0
127	Histidine (%)	0227	1.555	0.0500	1.561	0.1234	0.0244	10	-0.05	127.99	0
127	Histidine (%)	0504	1.580	0.0200	1.561	0.1234	0.0244	10	0.15	127.00	0
127	Histidine (%)	0910	1.600	0.0000	1.561	0.1234	0.0244	10	0.32	127.00	0
127	Histidine (%)	0870	1.639	0.0046	1.561	0.1234	0.0244	10	0.63	127.00	0
127	Histidine (%)	0918	1.661	0.0036	1.561	0.1234	0.0244	10	0.81	127.00	0
127	Histidine (%)	0407	1.743	0.0260	1.561	0.1234	0.0244	10	1.48	127.05	0
128	Isoleucine (%)	0889	1.815	0.0100	2.434	0.2264	0.0505	10	-2.73	128.99	0
128	Isoleucine (%)	0870	2.270	0.0513	2.434	0.2264	0.0505	10	-0.72	128.00	0
128	Isoleucine (%)	0918	2.301	0.0467	2.434	0.2264	0.0505	10	-0.59	128.00	0
128	Isoleucine (%)	0171	2.325	0.0500	2.434	0.2264	0.0505	10	-0.48	128.00	0
128	Isoleucine (%)	0910	2.410	0.0000	2.434	0.2264	0.0505	10	-0.11	128.00	0
128	Isoleucine (%)	0160	2.445	0.0300	2.434	0.2264	0.0505	10	0.05	128.99	0
128	Isoleucine (%)	0676	2.485	0.1300	2.434	0.2264	0.0505	10	0.23	128.05	0
128	Isoleucine (%)	0227	2.590	0.0000	2.434	0.2264	0.0505	10	0.69	128.99	0
128	Isoleucine (%)	0504	2.645	0.0500	2.434	0.2264	0.0505	10	0.93	128.00	0
128	Isoleucine (%)	0407	2.809	0.1370	2.434	0.2264	0.0505	10	1.65	128.05	0
129	Leucine (%)	0889	3.670	0.0000	4.279	0.2361	0.0665	9	-2.58	129.99	0
129	Leucine (%)	0171	4.115	0.0500	4.279	0.2361	0.0665	9	-0.69	129.00	0
129	Leucine (%)	0870	4.134	0.0434	4.279	0.2361	0.0665	9	-0.61	129.00	0
129	Leucine (%)	0160	4.140	0.0400	4.279	0.2361	0.0665	9	-0.59	129.99	0
129	Leucine (%)	0910	4.310	0.0000	4.279	0.2361	0.0665	9	0.13	129.00	0
129	Leucine (%)	0504	4.435	0.0900	4.279	0.2361	0.0665	9	0.66	129.00	0
129	Leucine (%)	0676	4.450	0.1600	4.279	0.2361	0.0665	9	0.73	129.05	0
129	Leucine (%)	0227	4.475	0.1100	4.279	0.2361	0.0665	9	0.83	129.99	0
129	Leucine (%)	0918	4.526	0.1049	4.279	0.2361	0.0665	9	1.05	129.00	0
129	Leucine (%)	0407	4.586	0.5230	4.279	0.2361	0.0665	9	1.30	129.05	1
130	L-Lysine (%)	0889	2.485	0.0100	4.691	0.3475	0.0632	10	-6.35	130.99	0
130	L-Lysine (%)	0407	4.259	0.1390	4.691	0.3475	0.0632	10	-1.24	130.05	0
130	L-Lysine (%)	0160	4.465	0.0100	4.691	0.3475	0.0632	10	-0.65	130.99	0
130	L-Lysine (%)	0171	4.685	0.0500	4.691	0.3475	0.0632	10	-0.02	130.00	0
130	L-Lysine (%)	0910	4.690	0.0000	4.691	0.3475	0.0632	10	0.00	130.00	0
130	L-Lysine (%)	0676	4.790	0.1200	4.691	0.3475	0.0632	10	0.29	130.05	0
130	L-Lysine (%)	0227	4.830	0.0800	4.691	0.3475	0.0632	10	0.40	130.99	0
130	L-Lysine (%)	0504	4.960	0.1000	4.691	0.3475	0.0632	10	0.77	130.00	0
130	L-Lysine (%)	0870	4.989	0.0319	4.691	0.3475	0.0632	10	0.86	130.00	0
130	L-Lysine (%)	0918	5.072	0.0909	4.691	0.3475	0.0632	10	1.10	130.00	0
131	Methionine (%)	0889	0.8300	0.0000	1.614	0.1503	0.0215	9	-5.22	131.99	0
131	Methionine (%)	0160	1.455	0.0100	1.614	0.1503	0.0215	9	-1.06	131.00	0
131	Methionine (%)	0171	1.545	0.0100	1.614	0.1503	0.0215	9	-0.46	131.00	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			
131	Methionine (%)	0918	1.555	0.0300	1.614	0.1503	0.0215	9	-0.39	131.00	0
131	Methionine (%)	0676	1.670	0.0400	1.614	0.1503	0.0215	9	0.37	131.05	0
131	Methionine (%)	0227	1.710	0.0000	1.614	0.1503	0.0215	9	0.64	131.00	0
131	Methionine (%)	0870	1.724	0.0835	1.614	0.1503	0.0215	9	0.73	131.00	0
131	Methionine (%)	0504	1.740	0.0200	1.614	0.1503	0.0215	9	0.84	131.00	0
131	Methionine (%)	0910	1.740	0.0000	1.614	0.1503	0.0215	9	0.84	131.00	0
131	Methionine (%)	0407	1.470	0.3294	1.614	0.1503	0.0215	9	-0.96	131.05	1
132	Phenylalanine (%)	0171	2.300	0.0400	2.438	0.1419	0.0395	9	-0.97	132.00	0
132	Phenylalanine (%)	0870	2.321	0.0330	2.438	0.1419	0.0395	9	-0.83	132.00	0
132	Phenylalanine (%)	0160	2.350	0.0600	2.438	0.1419	0.0395	9	-0.62	132.99	0
132	Phenylalanine (%)	0910	2.370	0.0000	2.438	0.1419	0.0395	9	-0.48	132.00	0
132	Phenylalanine (%)	0227	2.405	0.0300	2.438	0.1419	0.0395	9	-0.23	132.99	0
132	Phenylalanine (%)	0676	2.435	0.1100	2.438	0.1419	0.0395	9	-0.02	132.05	0
132	Phenylalanine (%)	0504	2.495	0.0100	2.438	0.1419	0.0395	9	0.40	132.00	0
132	Phenylalanine (%)	0918	2.613	0.0722	2.438	0.1419	0.0395	9	1.23	132.00	0
132	Phenylalanine (%)	0889	2.690	0.0000	2.438	0.1419	0.0395	9	1.78	132.99	0
132	Phenylalanine (%)	0407	2.983	0.3520	2.438	0.1419	0.0395	9	3.84	132.05	1
133	Proline (%)	0889	2.760	0.0200	3.159	0.2768	0.0449	9	-1.44	133.99	0
133	Proline (%)	0160	3.020	0.0000	3.159	0.2768	0.0449	9	-0.50	133.99	0
133	Proline (%)	0504	3.025	0.0700	3.159	0.2768	0.0449	9	-0.48	133.00	0
133	Proline (%)	0870	3.035	0.0366	3.159	0.2768	0.0449	9	-0.45	133.00	0
133	Proline (%)	0171	3.105	0.0700	3.159	0.2768	0.0449	9	-0.19	133.00	0
133	Proline (%)	0910	3.170	0.0000	3.159	0.2768	0.0449	9	0.04	133.00	0
133	Proline (%)	0227	3.355	0.0700	3.159	0.2768	0.0449	9	0.71	133.99	0
133	Proline (%)	0676	3.385	0.0700	3.159	0.2768	0.0449	9	0.82	133.05	0
133	Proline (%)	0918	3.823	0.0672	3.159	0.2768	0.0449	9	2.40	133.00	0
133	Proline (%)	0407	3.651	0.2710	3.159	0.2768	0.0449	9	1.78	133.05	1
134	Serine (%)	0407	2.173	0.0480	2.530	0.2957	0.1038	9	-1.21	134.05	0
134	Serine (%)	0676	2.200	0.2600	2.530	0.2957	0.1038	9	-1.12	134.05	0
134	Serine (%)	0504	2.360	0.4200	2.530	0.2957	0.1038	9	-0.58	134.00	0
134	Serine (%)	0227	2.465	0.1100	2.530	0.2957	0.1038	9	-0.22	134.99	0
134	Serine (%)	0910	2.570	0.0000	2.530	0.2957	0.1038	9	0.13	134.00	0
134	Serine (%)	0171	2.625	0.0300	2.530	0.2957	0.1038	9	0.32	134.00	0
134	Serine (%)	0918	2.642	0.0469	2.530	0.2957	0.1038	9	0.38	134.00	0
134	Serine (%)	0870	2.763	0.0190	2.530	0.2957	0.1038	9	0.79	134.00	0
134	Serine (%)	0889	3.170	0.0000	2.530	0.2957	0.1038	9	2.16	134.99	0
135	Threonine (%)	0160	2.115	0.1100	2.562	0.1432	0.0796	10	-3.12	135.99	0
135	Threonine (%)	0889	2.385	0.0100	2.562	0.1432	0.0796	10	-1.23	135.99	0
135	Threonine (%)	0407	2.486	0.2030	2.562	0.1432	0.0796	10	-0.53	135.05	0
135	Threonine (%)	0227	2.515	0.1100	2.562	0.1432	0.0796	10	-0.33	135.99	0
135	Threonine (%)	0504	2.600	0.1400	2.562	0.1432	0.0796	10	0.27	135.00	0
135	Threonine (%)	0676	2.610	0.0400	2.562	0.1432	0.0796	10	0.34	135.05	0

Method Group	Analyte Group (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Your Method	Flag
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135	Threonine (%)	0910	2.620	0.0000	2.562	0.1432	0.0796	10	0.41	135.00	0
135	Threonine (%)	0918	2.648	0.0958	2.562	0.1432	0.0796	10	0.60	135.00	0
135	Threonine (%)	0171	2.660	0.0600	2.562	0.1432	0.0796	10	0.69	135.00	0
135	Threonine (%)	0870	2.746	0.0275	2.562	0.1432	0.0796	10	1.29	135.00	0
136	Tryptophan (%)	0910	0.4950	0.0100	0.6115	0.1201	0.0160	8	-0.97	136.00	0
136	Tryptophan (%)	0870	0.5028	0.0112	0.6115	0.1201	0.0160	8	-0.91	136.00	0
136	Tryptophan (%)	0918	0.5200	0.0000	0.6115	0.1201	0.0160	8	-0.76	136.00	0
136	Tryptophan (%)	0160	0.6100	0.0600	0.6115	0.1201	0.0160	8	-0.01	136.99	0
136	Tryptophan (%)	2114	0.6230	0.0071	0.6115	0.1201	0.0160	8	0.09	136.03	0
136	Tryptophan (%)	0227	0.6300	0.0000	0.6115	0.1201	0.0160	8	0.15	136.00	0
136	Tryptophan (%)	0504	0.7200	0.0400	0.6115	0.1201	0.0160	8	0.90	136.99	0
136	Tryptophan (%)	0889	1.560	0.0000	0.6115	0.1201	0.0160	8	7.90	136.99	0
136	Tryptophan (%)	0407	0.5275	0.1830	0.6115	0.1201	0.0160	8	-0.70	136.05	1
137	Tyrosine (%)	0910	1.380	0.0000	1.833	0.3143	0.0252	9	-1.44	137.00	0
137	Tyrosine (%)	0889	1.555	0.0000	1.833	0.3143	0.0252	9	-0.88	137.99	0
137	Tyrosine (%)	0870	1.607	0.0061	1.833	0.3143	0.0252	9	-0.72	137.00	0
137	Tyrosine (%)	0227	1.850	0.0200	1.833	0.3143	0.0252	9	0.05	137.99	0
137	Tyrosine (%)	0504	1.865	0.1500	1.833	0.3143	0.0252	9	0.10	137.00	0
137	Tyrosine (%)	0160	1.945	0.0100	1.833	0.3143	0.0252	9	0.36	137.99	0
137	Tyrosine (%)	0171	1.955	0.0100	1.833	0.3143	0.0252	9	0.39	137.00	0
137	Tyrosine (%)	0676	2.055	0.0100	1.833	0.3143	0.0252	9	0.71	137.05	0
137	Tyrosine (%)	0918	2.284	0.0206	1.833	0.3143	0.0252	9	1.43	137.00	0
137	Tyrosine (%)	0407	2.118	0.2460	1.833	0.3143	0.0252	9	0.91	137.05	1
138	Valine (%)	0171	2.705	0.0500	2.947	0.2289	0.0748	10	-1.06	138.00	0
138	Valine (%)	0870	2.741	0.0746	2.947	0.2289	0.0748	10	-0.90	138.00	0
138	Valine (%)	0889	2.778	0.0050	2.947	0.2289	0.0748	10	-0.74	138.99	0
138	Valine (%)	0160	2.810	0.1200	2.947	0.2289	0.0748	10	-0.60	138.99	0
138	Valine (%)	0910	2.870	0.0000	2.947	0.2289	0.0748	10	-0.34	138.00	0
138	Valine (%)	0918	2.934	0.0818	2.947	0.2289	0.0748	10	-0.06	138.00	0
138	Valine (%)	0227	3.060	0.0600	2.947	0.2289	0.0748	10	0.49	138.99	0
138	Valine (%)	0504	3.080	0.0400	2.947	0.2289	0.0748	10	0.58	138.00	0
138	Valine (%)	0676	3.200	0.1400	2.947	0.2289	0.0748	10	1.11	138.05	0
138	Valine (%)	0407	3.428	0.1770	2.947	0.2289	0.0748	10	2.10	138.05	0
139	Taurine (%)	0407	0.0035	0.0030	0.5091	0.3514	0.0112	6	-1.44	139.05	0
139	Taurine (%)	0889	0.2425	0.0050	0.5091	0.3514	0.0112	6	-0.76	139.99	0
139	Taurine (%)	0171	0.6685	0.0190	0.5091	0.3514	0.0112	6	0.45	139.00	0
139	Taurine (%)	0676	0.6700	0.0400	0.5091	0.3514	0.0112	6	0.46	139.05	0
139	Taurine (%)	0504	0.7300	0.0000	0.5091	0.3514	0.0112	6	0.63	139.00	0
139	Taurine (%)	0227	0.7400	0.0000	0.5091	0.3514	0.0112	6	0.66	139.99	0
160	Fructose (%)	0227	< 0.15					0		160.99	5
162	Glucose (%)	0227	< 0.15					0		162.99	5
163	Lactose (%)	0227	< 0.15					0		163.99	5

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			Value	Range	Rob Mean	Robust SD	R-bar	# Tests			
164	Maltose (%)	0227	< 0.15					0		164.99	5
165	Sucrose (%)	0227	< 0.15					0		165.99	5
166	Raffinose (%)	0227	< 0.05					0		166.99	5
167	Stachyose (%)	0227	< 0.05					0		167.99	5
353	Coumaphos (ppm)	0171	360.5	1.000				1		353.99	0
400	Water Activity (Units)	2083	0.3900	0.0000				2		400.99	0
400	Water Activity (Units)	0407	0.4075	0.0028				2		400.01	0
516	Arsenic, Total (As) (ppm)	0171	5.025	0.4700	5.637	0.4334	0.2476	8	-1.41	516.00	0
516	Arsenic, Total (As) (ppm)	0553	5.155	0.1300	5.637	0.4334	0.2476	8	-1.11	516.53	0
516	Arsenic, Total (As) (ppm)	0407	5.553	0.2397	5.637	0.4334	0.2476	8	-0.19	516.43	0
516	Arsenic, Total (As) (ppm)	0407	5.681	0.2900	5.637	0.4334	0.2476	8	0.10	516.53	0
516	Arsenic, Total (As) (ppm)	0918	5.722	0.1913	5.637	0.4334	0.2476	8	0.20	516.53	0
516	Arsenic, Total (As) (ppm)	0227	5.860	0.1200	5.637	0.4334	0.2476	8	0.51	516.53	0
516	Arsenic, Total (As) (ppm)	2124	5.985	0.4500	5.637	0.4334	0.2476	8	0.80	516.43	0
516	Arsenic, Total (As) (ppm)	2033	6.115	0.0900	5.637	0.4334	0.2476	8	1.10	516.53	0
518	Cadmium (ppm)	0407	0.0377	0.0014	0.0436	0.0071	0.0061	8	-0.83	518.53	0
518	Cadmium (ppm)	0918	0.0385	0.0003	0.0436	0.0071	0.0061	8	-0.72	518.53	0
518	Cadmium (ppm)	0553	0.0388	0.0005	0.0436	0.0071	0.0061	8	-0.68	518.53	0
518	Cadmium (ppm)	2033	0.0400	0.0000	0.0436	0.0071	0.0061	8	-0.50	518.53	0
518	Cadmium (ppm)	0227	0.0415	0.0030	0.0436	0.0071	0.0061	8	-0.29	518.53	0
518	Cadmium (ppm)	0407	0.0479	0.0262	0.0436	0.0071	0.0061	8	0.61	518.43	0
518	Cadmium (ppm)	0171	0.0500	0.0000	0.0436	0.0071	0.0061	8	0.91	518.41	0
518	Cadmium (ppm)	0407	0.0624	0.0177	0.0436	0.0071	0.0061	8	2.65	518.41	0
518	Cadmium (ppm)	2124	< 0.16		0.0436	0.0071	0.0061	8		518.43	5
520	Chromium, Total (Cr) (ppm)	0171	2.970	0.0400	3.878	0.6194	0.2727	9	-1.47	520.41	0
520	Chromium, Total (Cr) (ppm)	0407	3.274	0.2734	3.878	0.6194	0.2727	9	-0.98	520.43	0
520	Chromium, Total (Cr) (ppm)	0164	3.645	0.2300	3.878	0.6194	0.2727	9	-0.38	520.53	0
520	Chromium, Total (Cr) (ppm)	0407	3.648	0.2977	3.878	0.6194	0.2727	9	-0.37	520.41	0
520	Chromium, Total (Cr) (ppm)	0511	3.805	0.1300	3.878	0.6194	0.2727	9	-0.12	520.43	0
520	Chromium, Total (Cr) (ppm)	0407	4.247	0.1090	3.878	0.6194	0.2727	9	0.59	520.53	0
520	Chromium, Total (Cr) (ppm)	0510	4.375	0.0300	3.878	0.6194	0.2727	9	0.80	520.43	0
520	Chromium, Total (Cr) (ppm)	0918	4.434	0.6339	3.878	0.6194	0.2727	9	0.90	520.53	0
520	Chromium, Total (Cr) (ppm)	0553	4.505	0.7100	3.878	0.6194	0.2727	9	1.01	520.53	0
526	Lead (ppm)	0171	0.5400	0.0200	0.9435	0.1222	0.0316	8	-3.30	526.41	0
526	Lead (ppm)	0407	0.8124	0.0005	0.9435	0.1222	0.0316	8	-1.07	526.41	0
526	Lead (ppm)	0553	0.9430	0.0960	0.9435	0.1222	0.0316	8	0.00	526.53	0
526	Lead (ppm)	0407	0.9557	0.0421	0.9435	0.1222	0.0316	8	0.10	526.43	0
526	Lead (ppm)	0227	0.9635	0.0510	0.9435	0.1222	0.0316	8	0.16	526.53	0
526	Lead (ppm)	2033	1.000	0.0000	0.9435	0.1222	0.0316	8	0.46	526.53	0
526	Lead (ppm)	0407	1.033	0.0350	0.9435	0.1222	0.0316	8	0.73	526.53	0
526	Lead (ppm)	0918	1.081	0.0084	0.9435	0.1222	0.0316	8	1.12	526.53	0
529	Mercury (ppb)	0407	50.95	3.428				3		529.99	0

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			Value	Range	Rob Mean	Robust SD	R-bar	# Tests			
529	Mercury (ppb)	0227	58.20	1.800				3		529.99	0
529	Mercury (ppb)	2033	58.50	1.000				3		529.99	0
539	Nickel (ppm)	0171	1.380	0.0200	1.797	0.5352	0.0722	6	-0.78	539.41	0
539	Nickel (ppm)	0407	1.433	0.0009	1.797	0.5352	0.0722	6	-0.68	539.41	0
539	Nickel (ppm)	0407	1.482	0.2381	1.797	0.5352	0.0722	6	-0.59	539.43	0
539	Nickel (ppm)	0407	1.843	0.0215	1.797	0.5352	0.0722	6	0.09	539.53	0
539	Nickel (ppm)	0553	2.045	0.0900	1.797	0.5352	0.0722	6	0.46	539.53	0
539	Nickel (ppm)	0918	3.794	0.0627	1.797	0.5352	0.0722	6	3.73	539.53	0
710	Lauric Acid (12:0) (% (w/w))	0676	0.0070	0.0000				1		710.99	0
710	Lauric Acid (12:0) (% (w/w))	0164	< 0.02					1		710.99	5
714	Myristic Acid (14:0) (% (w/w))	0171	0.4900	0.0000				2		714.99	0
714	Myristic Acid (14:0) (% (w/w))	0164	0.6100	0.0000				2		714.99	0
716	Palmitic Acid (16:0) (% (w/w))	0171	1.395	0.0100				2		716.99	0
716	Palmitic Acid (16:0) (% (w/w))	0164	1.600	0.0000				2		716.99	0
718	Palmitoleic Acid (9c-16:1) (% (w/w))	0171	0.6650	0.0100				3		718.99	0
718	Palmitoleic Acid (9c-16:1) (% (w/w))	0676	0.7555	0.0150				3		718.99	0
718	Palmitoleic Acid (9c-16:1) (% (w/w))	0164	0.7700	0.0000				3		718.99	0
720	Margaric acid (17:0) (% (w/w))	0171	0.0550	0.0100				1		720.99	0
722	Stearic Acid (18:0) (% (w/w))	0171	0.3350	0.0100				1		722.99	0
724	Oleic Acid (9c-18:1) (% (w/w))	0164	0.3650	0.0100				2		724.99	0
724	Oleic Acid (9c-18:1) (% (w/w))	0171	0.3650	0.0500				2		724.99	0
726	Linoleic Acid (9c,12c-18:2) (% (w/w))	0171	0.1050	0.0100				3		726.99	0
726	Linoleic Acid (9c,12c-18:2) (% (w/w))	0164	0.1200	0.0000				3		726.99	0
726	Linoleic Acid (9c,12c-18:2) (% (w/w))	0676	0.1620	0.0040				3		726.99	0
728	alpha-Linolenic Acid (9c,12c,15c-18:3) (% (w/v))	0171	0.0800	0.0000				3		728.99	0
728	alpha-Linolenic Acid (9c,12c,15c-18:3) (% (w/v))	0676	0.1045	0.0030				3		728.99	0
728	alpha-Linolenic Acid (9c,12c,15c-18:3) (% (w/v))	0164	0.1150	0.0100				3		728.99	0
732	Gondoic Acid (11c-20:1) (% (w/w))	0171	0.0300	0.0000				1		732.99	0
736	Arachidonic Acid (5c,8c,11c,14c-20:4) (% (w/v))	0171	0.0850	0.0100				2		736.99	0
736	Arachidonic Acid (5c,8c,11c,14c-20:4) (% (w/v))	0676	0.1125	0.0030				2		736.99	0
740	Eicosapentaenoic Acid EPA (5c,8c,11c,14c,17c) (% (w/v))	0171	0.6900	0.0800				2		740.99	0
740	Eicosapentaenoic Acid EPA (5c,8c,11c,14c,17c) (% (w/v))	0676	0.8395	0.0170				2		740.99	0
742	Behenic Acid (22:0) (% (w/w))	0171	0.0100	0.0000				2		742.99	0
742	Behenic Acid (22:0) (% (w/w))	0164	0.0200	0.0000				2		742.99	0
744	Erucic Acid (13c-22:1) (% (w/w))	0171	0.0100	0.0000				1		744.99	0
746	Docosapentaenoic Acid n-3 DPA (7c,10c,13c,16c,19c) (% (w/v))	0171	0.1250	0.0100				2		746.99	0
746	Docosapentaenoic Acid n-3 DPA (7c,10c,13c,16c,19c) (% (w/v))	0676	0.1510	0.0040				2		746.99	0
748	Lignoceric Acid (24:0) (% (w/w))	0171	0.0200	0.0000				1		748.99	0
750	Docosahexaenoic Acid DHA (4c,7c,10c,13c,16c,19c,22c) (% (w/v))	0171	0.9600	0.1400				2		750.99	0
750	Docosahexaenoic Acid DHA (4c,7c,10c,13c,16c,19c,22c) (% (w/v))	0676	1.139	0.0170				2		750.99	0
752	Nervonic Acid (24:1) isomers (% (w/w))	0171	0.0350	0.0100				1		752.99	0
754	Total n-3 Polyunsaturated (Omega-3) Fatty Acids (% (w/w))	0676	2.250	0.0400				3		754.99	0

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754	Total n-3 Polyunsaturated (Omega-3) Fatty Aci	0164	2.470	0.0200				3	754.99	0	
754	Total n-3 Polyunsaturated (Omega-3) Fatty Aci	0171	6.675	0.2700				3	754.99	0	
756	Total n-6 Polyunsaturated (Omega-6) Fatty Aci	0676	0.3350	0.0100				3	756.99	0	
756	Total n-6 Polyunsaturated (Omega-6) Fatty Aci	0164	0.3550	0.0100				3	756.99	0	
756	Total n-6 Polyunsaturated (Omega-6) Fatty Aci	0171	2.105	0.2700				3	756.99	0	
758	Total Saturated Fatty Acids (% (w/w))	0164	2.800	0.0000				1	758.99	0	
770	Total Fat (equivalent to NLEA) (% (w/w))	0164	7.645	0.0100				1	770.99	0	
772	Total Fatty Acids (% (w/w))	0164	7.310	0.0000				1	772.99	0	

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