



Proficiency Testing

Sample # 201541

Brewers Dried Yeast

All Tests Report
Pet Food Program

Labs Reporting: 57

Issue Date : 04/30/2015

Method Group	Analyte Group (Units)	Lab Code	Lab Data		Method Values				AAFCO CS	Your Method	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score		
001	Loss on Drying (%)	309	3.7670	0.19600	4.4404	0.47942	0.08606	16	-1.40	001.00	0
001	Loss on Drying (%)	3	3.9500	0.08000	4.4404	0.47942	0.08606	16	-1.02	001.07	0
001	Loss on Drying (%)	510	4.0500	0.10000	4.4404	0.47942	0.08606	16	-0.81	001.99	0
001	Loss on Drying (%)	171	4.0650	0.03000	4.4404	0.47942	0.08606	16	-0.78	001.07	0
001	Loss on Drying (%)	98	4.0750	0.01000	4.4404	0.47942	0.08606	16	-0.76	001.07	0
001	Loss on Drying (%)	15	4.1350	0.17000	4.4404	0.47942	0.08606	16	-0.64	001.07	0
001	Loss on Drying (%)	65	4.1445	0.01100	4.4404	0.47942	0.08606	16	-0.62	001.07	0
001	Loss on Drying (%)	842	4.5350	0.01000	4.4404	0.47942	0.08606	16	0.20	001.99	0
001	Loss on Drying (%)	1010	4.5400	0.04000	4.4404	0.47942	0.08606	16	0.21	001.99	0
001	Loss on Drying (%)	810	4.6300	0.04000	4.4404	0.47942	0.08606	16	0.40	001.99	0
001	Loss on Drying (%)	74	4.6350	0.21000	4.4404	0.47942	0.08606	16	0.41	001.07	0
001	Loss on Drying (%)	808	4.6450	0.01000	4.4404	0.47942	0.08606	16	0.43	001.99	0
001	Loss on Drying (%)	840	4.6750	0.03000	4.4404	0.47942	0.08606	16	0.49	001.99	0
001	Loss on Drying (%)	811	5.0000	0.20000	4.4404	0.47942	0.08606	16	1.17	001.99	0
001	Loss on Drying (%)	841	5.0400	0.22000	4.4404	0.47942	0.08606	16	1.25	001.99	0
001	Loss on Drying (%)	51	5.3900	0.02000	4.4404	0.47942	0.08606	16	1.98	001.03	0
002	Protein (%)	42	44.225	0.07000	45.812	0.30471	0.21960	55	-5.21	002.02	0
002	Protein (%)	790	44.500	1.0400	45.812	0.30471	0.21960	55	-4.31	002.06	0
002	Protein (%)	42	44.535	0.11000	45.812	0.30471	0.21960	55	-4.19	002.06	0
002	Protein (%)	789	44.655	0.17000	45.812	0.30471	0.21960	55	-3.80	002.06	0
002	Protein (%)	969	44.900	0.00000	45.812	0.30471	0.21960	55	-2.99	002.99	0
002	Protein (%)	98	44.940	0.28000	45.812	0.30471	0.21960	55	-2.86	002.08	0
002	Protein (%)	202	45.005	0.61000	45.812	0.30471	0.21960	55	-2.65	002.06	0
002	Protein (%)	2023	45.135	0.01000	45.812	0.30471	0.21960	55	-2.22	002.01	0
002	Protein (%)	959	45.390	0.20000	45.812	0.30471	0.21960	55	-1.39	002.06	0
002	Protein (%)	504	45.500	0.58000	45.812	0.30471	0.21960	55	-1.03	002.04	0
002	Protein (%)	792	45.535	0.13000	45.812	0.30471	0.21960	55	-0.91	002.06	0
002	Protein (%)	164	45.540	0.10000	45.812	0.30471	0.21960	55	-0.89	002.01	0
002	Protein (%)	510	45.550	0.30000	45.812	0.30471	0.21960	55	-0.86	002.06	0
002	Protein (%)	417	45.555	0.09000	45.812	0.30471	0.21960	55	-0.84	002.06	0
002	Protein (%)	2004	45.600	0.20000	45.812	0.30471	0.21960	55	-0.70	002.99	0

Method Group	Analyte Group (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Your Method	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
002	Protein (%)	98	45.650	0.30000	45.812	0.30471	0.21960	55	-0.53	002.06	0
002	Protein (%)	794	45.650	0.46000	45.812	0.30471	0.21960	55	-0.53	002.06	0
002	Protein (%)	970	45.650	0.10000	45.812	0.30471	0.21960	55	-0.53	002.99	0
002	Protein (%)	870	45.655	0.56500	45.812	0.30471	0.21960	55	-0.52	002.01	0
002	Protein (%)	960	45.695	0.17000	45.812	0.30471	0.21960	55	-0.39	002.06	0
002	Protein (%)	51	45.700	0.00000	45.812	0.30471	0.21960	55	-0.37	002.06	0
002	Protein (%)	2050	45.700	0.28000	45.812	0.30471	0.21960	55	-0.37	002.06	0
002	Protein (%)	17	45.750	0.30000	45.812	0.30471	0.21960	55	-0.20	002.06	0
002	Protein (%)	2023	45.810	0.10000	45.812	0.30471	0.21960	55	-0.01	002.06	0
002	Protein (%)	3	45.820	0.84000	45.812	0.30471	0.21960	55	0.03	002.06	0
002	Protein (%)	660	45.835	0.17000	45.812	0.30471	0.21960	55	0.07	002.06	0
002	Protein (%)	8	45.850	0.06000	45.812	0.30471	0.21960	55	0.12	002.06	0
002	Protein (%)	33	45.850	0.50000	45.812	0.30471	0.21960	55	0.12	002.06	0
002	Protein (%)	650	45.855	0.21000	45.812	0.30471	0.21960	55	0.14	002.06	0
002	Protein (%)	74	45.860	0.24000	45.812	0.30471	0.21960	55	0.16	002.06	0
002	Protein (%)	171	45.865	0.05000	45.812	0.30471	0.21960	55	0.17	002.06	0
002	Protein (%)	914	45.900	0.08000	45.812	0.30471	0.21960	55	0.29	002.07	0
002	Protein (%)	208	45.900	0.40000	45.812	0.30471	0.21960	55	0.29	002.08	0
002	Protein (%)	208	45.945	0.29000	45.812	0.30471	0.21960	55	0.44	002.06	0
002	Protein (%)	2089	45.945	0.09000	45.812	0.30471	0.21960	55	0.44	002.06	0
002	Protein (%)	65	45.975	0.03480	45.812	0.30471	0.21960	55	0.54	002.06	0
002	Protein (%)	512	45.990	0.42000	45.812	0.30471	0.21960	55	0.58	002.06	0
002	Protein (%)	15	45.995	0.29000	45.812	0.30471	0.21960	55	0.60	002.05	0
002	Protein (%)	964	46.005	0.27000	45.812	0.30471	0.21960	55	0.63	002.06	0
002	Protein (%)	2094	46.005	0.13000	45.812	0.30471	0.21960	55	0.63	002.06	0
002	Protein (%)	811	46.010	0.02000	45.812	0.30471	0.21960	55	0.65	002.06	0
002	Protein (%)	957	46.015	0.09000	45.812	0.30471	0.21960	55	0.66	002.06	0
002	Protein (%)	164	46.025	0.05000	45.812	0.30471	0.21960	55	0.70	002.06	0
002	Protein (%)	1	46.025	0.43000	45.812	0.30471	0.21960	55	0.70	002.06	0
002	Protein (%)	309	46.038	0.15000	45.812	0.30471	0.21960	55	0.74	002.06	0
002	Protein (%)	14	46.050	0.10000	45.812	0.30471	0.21960	55	0.78	002.06	0
002	Protein (%)	958	46.100	0.04000	45.812	0.30471	0.21960	55	0.94	002.06	0
002	Protein (%)	34	46.137	0.33800	45.812	0.30471	0.21960	55	1.07	002.06	0
002	Protein (%)	842	46.170	0.04000	45.812	0.30471	0.21960	55	1.17	002.06	0
002	Protein (%)	810	46.185	0.27000	45.812	0.30471	0.21960	55	1.22	002.06	0
002	Protein (%)	1010	46.190	0.08000	45.812	0.30471	0.21960	55	1.24	002.06	0
002	Protein (%)	808	46.220	0.02000	45.812	0.30471	0.21960	55	1.34	002.06	0
002	Protein (%)	840	46.220	0.02000	45.812	0.30471	0.21960	55	1.34	002.06	0
002	Protein (%)	841	46.245	0.01000	45.812	0.30471	0.21960	55	1.42	002.06	0
002	Protein (%)	511	46.430	0.18000	45.812	0.30471	0.21960	55	2.03	002.06	0
002	Protein (%)	47	46.000	1.4000	45.812	0.30471	0.21960	55	0.62	002.06	1
002	Protein (%)	876	41.060	1.5000	45.812	0.30471	0.21960	55	-15.60	002.06	2

Method Group	Analyte Group (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Your Method	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
003	Fat (%)	309	0.02000	0.00000	0.35269	0.08288	0.09585	13	-4.01	003.00	0
003	Fat (%)	870	0.28175	0.00610	0.35269	0.08288	0.09585	13	-0.86	003.10	0
003	Fat (%)	202	0.29500	0.05000	0.35269	0.08288	0.09585	13	-0.70	003.14	0
003	Fat (%)	510	0.30000	0.00000	0.35269	0.08288	0.09585	13	-0.64	003.09	0
003	Fat (%)	33	0.30000	0.06000	0.35269	0.08288	0.09585	13	-0.64	003.13	0
003	Fat (%)	171	0.32000	0.04000	0.35269	0.08288	0.09585	13	-0.39	003.12	0
003	Fat (%)	660	0.33000	0.08000	0.35269	0.08288	0.09585	13	-0.27	003.13	0
003	Fat (%)	2023	0.38000	0.00000	0.35269	0.08288	0.09585	13	0.33	003.14	0
003	Fat (%)	511	0.38500	0.09000	0.35269	0.08288	0.09585	13	0.39	003.06	0
003	Fat (%)	51	0.80000	0.40000	0.35269	0.08288	0.09585	13	5.40	003.09	0
003	Fat (%)	964	0.94000	0.22000	0.35269	0.08288	0.09585	13	7.09	003.09	0
003	Fat (%)	47	5.9600	0.00000	0.35269	0.08288	0.09585	13	67.66	003.99	0
003	Fat (%)	34	8.6500	0.30000	0.35269	0.08288	0.09585	13	100.12	003.14	0
003	Fat (%)	74	7.4500	0.68000	0.35269	0.08288	0.09585	13	85.64	003.00	1
004	Fiber (%)	98	0.14500	0.29000	1.3997	1.0790	0.30115	20	-1.16	004.07	0
004	Fiber (%)	202	0.21000	0.00000	1.3997	1.0790	0.30115	20	-1.10	004.07	0
004	Fiber (%)	3	0.37000	0.10000	1.3997	1.0790	0.30115	20	-0.95	004.07	0
004	Fiber (%)	309	0.53400	0.32920	1.3997	1.0790	0.30115	20	-0.80	004.00	0
004	Fiber (%)	8	0.59000	0.62000	1.3997	1.0790	0.30115	20	-0.75	004.07	0
004	Fiber (%)	17	0.65000	0.30000	1.3997	1.0790	0.30115	20	-0.69	004.00	0
004	Fiber (%)	171	0.68000	0.06000	1.3997	1.0790	0.30115	20	-0.67	004.00	0
004	Fiber (%)	98	0.79000	0.28000	1.3997	1.0790	0.30115	20	-0.57	004.06	0
004	Fiber (%)	2089	0.84000	0.18000	1.3997	1.0790	0.30115	20	-0.52	004.03	0
004	Fiber (%)	870	1.0610	0.03370	1.3997	1.0790	0.30115	20	-0.31	004.07	0
004	Fiber (%)	2094	1.3500	0.06000	1.3997	1.0790	0.30115	20	-0.05	004.00	0
004	Fiber (%)	15	1.4000	0.34000	1.3997	1.0790	0.30115	20	0.00	004.07	0
004	Fiber (%)	969	1.5600	0.46000	1.3997	1.0790	0.30115	20	0.15	004.00	0
004	Fiber (%)	42	1.9550	0.39000	1.3997	1.0790	0.30115	20	0.51	004.07	0
004	Fiber (%)	74	2.2900	0.70000	1.3997	1.0790	0.30115	20	0.83	004.07	0
004	Fiber (%)	2023	2.4250	0.03000	1.3997	1.0790	0.30115	20	0.95	004.00	0
004	Fiber (%)	208	3.6000	0.06000	1.3997	1.0790	0.30115	20	2.04	004.00	0
004	Fiber (%)	34	4.1500	0.50000	1.3997	1.0790	0.30115	20	2.55	004.07	0
004	Fiber (%)	876	4.7050	0.29000	1.3997	1.0790	0.30115	20	3.06	004.00	0
004	Fiber (%)	511	8.8000	1.0000	1.3997	1.0790	0.30115	20	6.86	004.00	0
005	Ash (%)	964	4.3700	0.04000	5.2102	0.36113	0.12775	40	-2.33	005.00	0
005	Ash (%)	969	4.5050	0.03000	5.2102	0.36113	0.12775	40	-1.95	005.99	0
005	Ash (%)	47	4.5500	0.10000	5.2102	0.36113	0.12775	40	-1.83	005.00	0
005	Ash (%)	970	4.5650	0.01000	5.2102	0.36113	0.12775	40	-1.79	005.99	0
005	Ash (%)	208	4.5700	0.24000	5.2102	0.36113	0.12775	40	-1.77	005.00	0
005	Ash (%)	42	4.7250	0.07000	5.2102	0.36113	0.12775	40	-1.34	005.00	0
005	Ash (%)	34	4.7433	0.01210	5.2102	0.36113	0.12775	40	-1.29	005.00	0
005	Ash (%)	960	4.7850	0.37000	5.2102	0.36113	0.12775	40	-1.18	005.00	0

Method Group	Analyte Group (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Your Method	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
005	Ash (%)	2023	4.9500	0.44000	5.2102	0.36113	0.12775	40	-0.72	005.99	0
005	Ash (%)	164	5.0000	0.04000	5.2102	0.36113	0.12775	40	-0.58	005.00	0
005	Ash (%)	65	5.0265	0.00300	5.2102	0.36113	0.12775	40	-0.51	005.00	0
005	Ash (%)	959	5.0300	0.34000	5.2102	0.36113	0.12775	40	-0.50	005.00	0
005	Ash (%)	15	5.0350	0.07000	5.2102	0.36113	0.12775	40	-0.49	005.00	0
005	Ash (%)	2004	5.0500	0.16000	5.2102	0.36113	0.12775	40	-0.44	005.99	0
005	Ash (%)	51	5.0500	0.30000	5.2102	0.36113	0.12775	40	-0.44	005.00	0
005	Ash (%)	650	5.0800	0.00000	5.2102	0.36113	0.12775	40	-0.36	005.00	0
005	Ash (%)	840	5.1550	0.03000	5.2102	0.36113	0.12775	40	-0.15	005.00	0
005	Ash (%)	842	5.1900	0.02000	5.2102	0.36113	0.12775	40	-0.06	005.00	0
005	Ash (%)	512	5.2185	0.16900	5.2102	0.36113	0.12775	40	0.02	005.00	0
005	Ash (%)	811	5.2300	0.02000	5.2102	0.36113	0.12775	40	0.05	005.00	0
005	Ash (%)	3	5.2350	0.03000	5.2102	0.36113	0.12775	40	0.07	005.05	0
005	Ash (%)	808	5.2600	0.12000	5.2102	0.36113	0.12775	40	0.14	005.00	0
005	Ash (%)	2094	5.2650	0.13000	5.2102	0.36113	0.12775	40	0.15	005.99	0
005	Ash (%)	202	5.2900	0.06000	5.2102	0.36113	0.12775	40	0.22	005.99	0
005	Ash (%)	510	5.3000	0.06000	5.2102	0.36113	0.12775	40	0.25	005.00	0
005	Ash (%)	1010	5.3000	0.02000	5.2102	0.36113	0.12775	40	0.25	005.00	0
005	Ash (%)	660	5.3450	0.25000	5.2102	0.36113	0.12775	40	0.37	005.00	0
005	Ash (%)	810	5.3450	0.01000	5.2102	0.36113	0.12775	40	0.37	005.00	0
005	Ash (%)	870	5.3885	0.22820	5.2102	0.36113	0.12775	40	0.49	005.00	0
005	Ash (%)	8	5.3900	0.02000	5.2102	0.36113	0.12775	40	0.50	005.00	0
005	Ash (%)	841	5.4800	0.08000	5.2102	0.36113	0.12775	40	0.75	005.00	0
005	Ash (%)	417	5.4950	0.15000	5.2102	0.36113	0.12775	40	0.79	005.00	0
005	Ash (%)	958	5.4950	0.17000	5.2102	0.36113	0.12775	40	0.79	005.00	0
005	Ash (%)	511	5.5550	0.43000	5.2102	0.36113	0.12775	40	0.95	005.00	0
005	Ash (%)	98	5.6500	0.12000	5.2102	0.36113	0.12775	40	1.22	005.00	0
005	Ash (%)	957	6.0600	0.36000	5.2102	0.36113	0.12775	40	2.35	005.00	0
005	Ash (%)	1	6.0809	0.08770	5.2102	0.36113	0.12775	40	2.41	005.00	0
005	Ash (%)	2089	6.8200	0.18000	5.2102	0.36113	0.12775	40	4.46	005.00	0
005	Ash (%)	33	7.2100	0.08000	5.2102	0.36113	0.12775	40	5.54	005.05	0
005	Ash (%)	171	7.3700	0.06000	5.2102	0.36113	0.12775	40	5.98	005.00	0
005	Ash (%)	309	11.056	0.82200	5.2102	0.36113	0.12775	40	16.19	005.00	2
006	Total sugars (%)	969	0.00000	0.00000	0.00000	0.00000	0.00490	3	-0.58	006.99	0
006	Total sugars (%)	970	0.00000	0.00000	0.00000	0.00000	0.00490	3	-0.58	006.99	0
006	Total sugars (%)	2004	0.01595	0.01470	0.00000	0.00000	0.00490	3	1.15	006.99	0
008	Fiber (%)	98	1.1100	0.12000			0.08000	2	-0.71	008.02	0
008	Fiber (%)	1	4.3200	0.04000			0.08000	2	0.71	008.08	0
009	Fiber (%)	98	1.4750	0.79000			0.94000	2	-0.71	009.07	0
009	Fiber (%)	1	2.8350	1.0900			0.94000	2	0.71	009.09	0
010	Moisture (%)	208	3.4050	0.01000	3.9060	0.40413	0.20000	5	-1.24	010.03	0
010	Moisture (%)	970	3.7000	0.52000	3.9060	0.40413	0.20000	5	-0.51	010.99	0

Method Group	Analyte Group (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Your Method	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
010	Moisture (%)	2004	3.9450	0.09000	3.9060	0.40413	0.20000	5	0.10	010.99	0
010	Moisture (%)	969	3.9800	0.10000	3.9060	0.40413	0.20000	5	0.18	010.99	0
010	Moisture (%)	2089	4.5000	0.28000	3.9060	0.40413	0.20000	5	1.47	010.99	0
011	Loss on Drying (%)	51	4.9550	0.13000	6.4562	0.40486	0.18845	22	-3.71	011.01	0
011	Loss on Drying (%)	2083	5.2843	0.20050	6.4562	0.40486	0.18845	22	-2.89	011.02	0
011	Loss on Drying (%)	960	5.5850	0.21000	6.4562	0.40486	0.18845	22	-2.15	011.01	0
011	Loss on Drying (%)	417	5.7350	0.07000	6.4562	0.40486	0.18845	22	-1.78	011.02	0
011	Loss on Drying (%)	870	5.9533	0.18550	6.4562	0.40486	0.18845	22	-1.24	011.01	0
011	Loss on Drying (%)	8	6.1150	0.11000	6.4562	0.40486	0.18845	22	-0.84	011.01	0
011	Loss on Drying (%)	2094	6.2300	0.06000	6.4562	0.40486	0.18845	22	-0.56	011.02	0
011	Loss on Drying (%)	208	6.3450	0.39000	6.4562	0.40486	0.18845	22	-0.27	011.01	0
011	Loss on Drying (%)	202	6.3850	0.01000	6.4562	0.40486	0.18845	22	-0.18	011.01	0
011	Loss on Drying (%)	660	6.3950	0.21000	6.4562	0.40486	0.18845	22	-0.15	011.01	0
011	Loss on Drying (%)	511	6.4500	0.24000	6.4562	0.40486	0.18845	22	-0.02	011.01	0
011	Loss on Drying (%)	650	6.5200	0.58000	6.4562	0.40486	0.18845	22	0.16	011.01	0
011	Loss on Drying (%)	171	6.5650	0.05000	6.4562	0.40486	0.18845	22	0.27	011.01	0
011	Loss on Drying (%)	510	6.6000	0.00000	6.4562	0.40486	0.18845	22	0.36	011.01	0
011	Loss on Drying (%)	98	6.6200	0.10000	6.4562	0.40486	0.18845	22	0.40	011.01	0
011	Loss on Drying (%)	2023	6.6450	0.07000	6.4562	0.40486	0.18845	22	0.47	011.02	0
011	Loss on Drying (%)	164	6.6650	0.03000	6.4562	0.40486	0.18845	22	0.52	011.01	0
011	Loss on Drying (%)	33	6.6900	0.20000	6.4562	0.40486	0.18845	22	0.58	011.01	0
011	Loss on Drying (%)	957	6.9550	0.61000	6.4562	0.40486	0.18845	22	1.23	011.01	0
011	Loss on Drying (%)	958	7.0000	0.18000	6.4562	0.40486	0.18845	22	1.34	011.01	0
011	Loss on Drying (%)	309	7.0050	0.25000	6.4562	0.40486	0.18845	22	1.36	011.01	0
011	Loss on Drying (%)	959	7.1300	0.26000	6.4562	0.40486	0.18845	22	1.66	011.01	0
012	Starch (%)	510	0.60000	0.00000	1.7945	1.1581	0.06002	5	-1.03	012.04	0
012	Starch (%)	870	1.1773	0.03010	1.7945	1.1581	0.06002	5	-0.53	012.01	0
012	Starch (%)	2004	1.5350	0.03000	1.7945	1.1581	0.06002	5	-0.22	012.01	0
012	Starch (%)	2089	2.0100	0.14000	1.7945	1.1581	0.06002	5	0.19	012.02	0
012	Starch (%)	2023	3.6500	0.10000	1.7945	1.1581	0.06002	5	1.60	012.00	0
013	Fat (%)	555	0.78500	0.43000	10.092	0.96148	0.28812	36	-9.68	013.00	0
013	Fat (%)	876	3.0600	0.24000	10.092	0.96148	0.28812	36	-7.31	013.02	0
013	Fat (%)	27	5.5958	0.10990	10.092	0.96148	0.28812	36	-4.68	013.13	0
013	Fat (%)	42	7.6200	0.20000	10.092	0.96148	0.28812	36	-2.57	013.13	0
013	Fat (%)	969	8.8500	0.10000	10.092	0.96148	0.28812	36	-1.29	013.00	0
013	Fat (%)	65	9.3000	0.16000	10.092	0.96148	0.28812	36	-0.82	013.02	0
013	Fat (%)	789	9.4000	0.30000	10.092	0.96148	0.28812	36	-0.72	013.02	0
013	Fat (%)	957	9.4300	0.12000	10.092	0.96148	0.28812	36	-0.69	013.02	0
013	Fat (%)	794	9.4350	0.13000	10.092	0.96148	0.28812	36	-0.68	013.02	0
013	Fat (%)	792	9.4950	0.61000	10.092	0.96148	0.28812	36	-0.62	013.02	0
013	Fat (%)	660	9.5000	0.06000	10.092	0.96148	0.28812	36	-0.62	013.10	0
013	Fat (%)	2004	9.6500	0.10000	10.092	0.96148	0.28812	36	-0.46	013.00	0

Method Group	Analyte Group (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Your Method	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
013	Fat (%)	841	9.6650	0.41000	10.092	0.96148	0.28812	36	-0.44	013.02	0
013	Fat (%)	3	9.7550	0.63000	10.092	0.96148	0.28812	36	-0.35	013.13	0
013	Fat (%)	171	9.7700	0.10000	10.092	0.96148	0.28812	36	-0.33	013.02	0
013	Fat (%)	790	9.9050	0.81000	10.092	0.96148	0.28812	36	-0.19	013.02	0
013	Fat (%)	208	10.030	0.94000	10.092	0.96148	0.28812	36	-0.06	013.02	0
013	Fat (%)	811	10.040	0.12000	10.092	0.96148	0.28812	36	-0.05	013.02	0
013	Fat (%)	808	10.135	0.03000	10.092	0.96148	0.28812	36	0.04	013.02	0
013	Fat (%)	958	10.135	0.05000	10.092	0.96148	0.28812	36	0.04	013.02	0
013	Fat (%)	960	10.190	1.1200	10.092	0.96148	0.28812	36	0.10	013.02	0
013	Fat (%)	840	10.205	0.11000	10.092	0.96148	0.28812	36	0.12	013.02	0
013	Fat (%)	970	10.400	0.20000	10.092	0.96148	0.28812	36	0.32	013.00	0
013	Fat (%)	842	10.425	0.01000	10.092	0.96148	0.28812	36	0.35	013.02	0
013	Fat (%)	1010	10.470	0.06000	10.092	0.96148	0.28812	36	0.39	013.02	0
013	Fat (%)	810	10.550	0.80000	10.092	0.96148	0.28812	36	0.48	013.02	0
013	Fat (%)	164	10.590	0.12000	10.092	0.96148	0.28812	36	0.52	013.02	0
013	Fat (%)	504	10.710	0.20000	10.092	0.96148	0.28812	36	0.64	013.00	0
013	Fat (%)	959	11.040	0.28000	10.092	0.96148	0.28812	36	0.99	013.02	0
013	Fat (%)	650	11.050	0.08000	10.092	0.96148	0.28812	36	1.00	013.02	0
013	Fat (%)	870	11.245	0.35240	10.092	0.96148	0.28812	36	1.20	013.02	0
013	Fat (%)	2094	11.245	0.21000	10.092	0.96148	0.28812	36	1.20	013.00	0
013	Fat (%)	202	11.450	0.20000	10.092	0.96148	0.28812	36	1.41	013.00	0
013	Fat (%)	2089	11.470	0.42000	10.092	0.96148	0.28812	36	1.43	013.00	0
013	Fat (%)	8	11.615	0.51000	10.092	0.96148	0.28812	36	1.58	013.02	0
013	Fat (%)	2023	11.945	0.05000	10.092	0.96148	0.28812	36	1.93	013.00	0
015	Aluminum (mg / kg (ppm))	164	18.000	2.0000	34.397	19.527	4.0547	3	-0.84	015.41	0
015	Aluminum (mg / kg (ppm))	964	29.192	8.1640	34.397	19.527	4.0547	3	-0.27	015.41	0
015	Aluminum (mg / kg (ppm))	171	56.000	2.0000	34.397	19.527	4.0547	3	1.11	015.41	0
017	Boron (mg / kg (ppm))	510	2.0000	0.00000			0.00000	1			
019	Calcium (%)	510	0.05000	0.00000	0.06172	0.00549	0.00275	29	-2.14	019.43	0
019	Calcium (%)	870	0.05110	0.00000	0.06172	0.00549	0.00275	29	-1.93	019.42	0
019	Calcium (%)	1	0.05320	0.00320	0.06172	0.00549	0.00275	29	-1.55	019.31	0
019	Calcium (%)	208	0.05460	0.02880	0.06172	0.00549	0.00275	29	-1.30	019.31	0
019	Calcium (%)	164	0.05700	0.00000	0.06172	0.00549	0.00275	29	-0.86	019.41	0
019	Calcium (%)	2023	0.05865	0.00070	0.06172	0.00549	0.00275	29	-0.56	019.44	0
019	Calcium (%)	970	0.05890	0.00180	0.06172	0.00549	0.00275	29	-0.51	019.44	0
019	Calcium (%)	964	0.05895	0.00030	0.06172	0.00549	0.00275	29	-0.51	019.41	0
019	Calcium (%)	555	0.05900	0.00400	0.06172	0.00549	0.00275	29	-0.50	019.42	0
019	Calcium (%)	8	0.05940	0.00220	0.06172	0.00549	0.00275	29	-0.42	019.43	0
019	Calcium (%)	51	0.06000	0.00000	0.06172	0.00549	0.00275	29	-0.31	019.41	0
019	Calcium (%)	511	0.06000	0.00000	0.06172	0.00549	0.00275	29	-0.31	019.41	0
019	Calcium (%)	2089	0.06000	0.00000	0.06172	0.00549	0.00275	29	-0.31	019.41	0
019	Calcium (%)	969	0.06000	0.00000	0.06172	0.00549	0.00275	29	-0.31	019.44	0

Method Group	Analyte Group (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Your Method	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
019	Calcium (%)	2004	0.06070	0.00380	0.06172	0.00549	0.00275	29	-0.19	019.44	0
019	Calcium (%)	964	0.06200	0.00140	0.06172	0.00549	0.00275	29	0.05	019.43	0
019	Calcium (%)	2094	0.06220	0.00320	0.06172	0.00549	0.00275	29	0.09	019.43	0
019	Calcium (%)	98	0.06375	0.00070	0.06172	0.00549	0.00275	29	0.37	019.43	0
019	Calcium (%)	208	0.06400	0.00200	0.06172	0.00549	0.00275	29	0.41	019.41	0
019	Calcium (%)	512	0.06470	0.00020	0.06172	0.00549	0.00275	29	0.54	019.41	0
019	Calcium (%)	98	0.06490	0.00320	0.06172	0.00549	0.00275	29	0.58	019.41	0
019	Calcium (%)	650	0.06500	0.01000	0.06172	0.00549	0.00275	29	0.60	019.31	0
019	Calcium (%)	171	0.06500	0.01000	0.06172	0.00549	0.00275	29	0.60	019.41	0
019	Calcium (%)	160	0.06610	0.00020	0.06172	0.00549	0.00275	29	0.80	019.42	0
019	Calcium (%)	74	0.07000	0.00000	0.06172	0.00549	0.00275	29	1.51	019.41	0
019	Calcium (%)	202	0.07000	0.00000	0.06172	0.00549	0.00275	29	1.51	019.42	0
019	Calcium (%)	17	0.07000	0.00000	0.06172	0.00549	0.00275	29	1.51	019.43	0
019	Calcium (%)	33	0.07000	0.00000	0.06172	0.00549	0.00275	29	1.51	019.43	0
019	Calcium (%)	47	0.07200	0.00400	0.06172	0.00549	0.00275	29	1.87	019.52	0
019	Calcium (%)	42	0.10950	0.09500	0.06172	0.00549	0.00275	29	8.70	019.42	1
019	Calcium (%)	3	0.20500	0.01000	0.06172	0.00549	0.00275	29	26.10	019.41	2
021	Cobalt (mg / kg (ppm))	171	0.00000	0.00000	0.03023	0.04488	0.00480	4	-0.67	021.41	0
021	Cobalt (mg / kg (ppm))	555	0.00000	0.00000	0.03023	0.04488	0.00480	4	-0.67	021.52	0
021	Cobalt (mg / kg (ppm))	964	0.02590	0.00920	0.03023	0.04488	0.00480	4	-0.10	021.43	0
021	Cobalt (mg / kg (ppm))	510	0.09500	0.01000	0.03023	0.04488	0.00480	4	1.44	021.43	0
022	Copper (mg / kg (ppm))	164	2.0500	0.10000	4.6150	0.66725	0.52465	18	-3.84	022.41	0
022	Copper (mg / kg (ppm))	171	2.9000	0.20000	4.6150	0.66725	0.52465	18	-2.57	022.41	0
022	Copper (mg / kg (ppm))	510	4.0000	0.00000	4.6150	0.66725	0.52465	18	-0.92	022.43	0
022	Copper (mg / kg (ppm))	208	4.1745	0.92100	4.6150	0.66725	0.52465	18	-0.66	022.41	0
022	Copper (mg / kg (ppm))	969	4.1850	0.01000	4.6150	0.66725	0.52465	18	-0.64	022.44	0
022	Copper (mg / kg (ppm))	2023	4.1850	0.01000	4.6150	0.66725	0.52465	18	-0.64	022.53	0
022	Copper (mg / kg (ppm))	870	4.3670	0.00000	4.6150	0.66725	0.52465	18	-0.37	022.42	0
022	Copper (mg / kg (ppm))	964	4.5461	1.5327	4.6150	0.66725	0.52465	18	-0.10	022.41	0
022	Copper (mg / kg (ppm))	98	4.5900	0.26000	4.6150	0.66725	0.52465	18	-0.04	022.43	0
022	Copper (mg / kg (ppm))	970	4.6100	0.04000	4.6150	0.66725	0.52465	18	-0.01	022.44	0
022	Copper (mg / kg (ppm))	555	4.6500	0.70000	4.6150	0.66725	0.52465	18	0.05	022.52	0
022	Copper (mg / kg (ppm))	2004	4.8250	0.07000	4.6150	0.66725	0.52465	18	0.31	022.44	0
022	Copper (mg / kg (ppm))	98	4.8300	1.2200	4.6150	0.66725	0.52465	18	0.32	022.41	0
022	Copper (mg / kg (ppm))	964	4.8750	0.21000	4.6150	0.66725	0.52465	18	0.39	022.43	0
022	Copper (mg / kg (ppm))	8	5.3100	0.58000	4.6150	0.66725	0.52465	18	1.04	022.43	0
022	Copper (mg / kg (ppm))	555	5.8550	1.0300	4.6150	0.66725	0.52465	18	1.86	022.42	0
022	Copper (mg / kg (ppm))	42	7.7400	2.5600	4.6150	0.66725	0.52465	18	4.68	022.42	0
022	Copper (mg / kg (ppm))	202	8.9900	0.00000	4.6150	0.66725	0.52465	18	6.56	022.42	0
022	Copper (mg / kg (ppm))	3	47.000	2.0000	4.6150	0.66725	0.52465	18	63.52	022.41	2
024	Iodine (mg / kg (ppm))	970	2.3150	0.05000	2.4050	0.09000	0.05000	3	-1.00	024.99	0
024	Iodine (mg / kg (ppm))	969	2.4050	0.07000	2.4050	0.09000	0.05000	3	0.00	024.99	0

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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
024	Iodine (mg / kg (ppm))	2004	2.4950	0.03000	2.4050	0.09000	0.05000	3	1.00	024.99	0
025	Iron (mg / kg (ppm))	511	30.500	3.0000	41.255	5.3169	2.6463	24	-2.02	025.41	0
025	Iron (mg / kg (ppm))	2089	33.230	6.1400	41.255	5.3169	2.6463	24	-1.51	025.41	0
025	Iron (mg / kg (ppm))	870	35.570	0.00000	41.255	5.3169	2.6463	24	-1.07	025.42	0
025	Iron (mg / kg (ppm))	510	36.000	0.00000	41.255	5.3169	2.6463	24	-0.99	025.43	0
025	Iron (mg / kg (ppm))	164	36.500	1.0000	41.255	5.3169	2.6463	24	-0.89	025.41	0
025	Iron (mg / kg (ppm))	51	37.000	2.0000	41.255	5.3169	2.6463	24	-0.80	025.41	0
025	Iron (mg / kg (ppm))	47	37.200	5.0000	41.255	5.3169	2.6463	24	-0.76	025.52	0
025	Iron (mg / kg (ppm))	2023	39.000	0.00000	41.255	5.3169	2.6463	24	-0.42	025.43	0
025	Iron (mg / kg (ppm))	970	39.350	0.10000	41.255	5.3169	2.6463	24	-0.36	025.41	0
025	Iron (mg / kg (ppm))	969	39.750	1.3000	41.255	5.3169	2.6463	24	-0.28	025.41	0
025	Iron (mg / kg (ppm))	8	41.000	0.00000	41.255	5.3169	2.6463	24	-0.05	025.43	0
025	Iron (mg / kg (ppm))	2004	41.150	0.50000	41.255	5.3169	2.6463	24	-0.02	025.41	0
025	Iron (mg / kg (ppm))	17	41.500	7.0000	41.255	5.3169	2.6463	24	0.05	025.43	0
025	Iron (mg / kg (ppm))	160	41.990	0.56000	41.255	5.3169	2.6463	24	0.14	025.42	0
025	Iron (mg / kg (ppm))	98	42.050	0.64000	41.255	5.3169	2.6463	24	0.15	025.43	0
025	Iron (mg / kg (ppm))	208	43.250	0.70000	41.255	5.3169	2.6463	24	0.38	025.31	0
025	Iron (mg / kg (ppm))	98	43.965	4.5300	41.255	5.3169	2.6463	24	0.51	025.41	0
025	Iron (mg / kg (ppm))	171	44.500	3.0000	41.255	5.3169	2.6463	24	0.61	025.41	0
025	Iron (mg / kg (ppm))	208	46.115	1.6300	41.255	5.3169	2.6463	24	0.91	025.41	0
025	Iron (mg / kg (ppm))	964	46.140	0.28000	41.255	5.3169	2.6463	24	0.92	025.43	0
025	Iron (mg / kg (ppm))	74	46.500	3.0000	41.255	5.3169	2.6463	24	0.99	025.41	0
025	Iron (mg / kg (ppm))	555	47.500	5.0000	41.255	5.3169	2.6463	24	1.17	025.52	0
025	Iron (mg / kg (ppm))	555	48.295	6.1300	41.255	5.3169	2.6463	24	1.32	025.42	0
025	Iron (mg / kg (ppm))	3	84.000	12.000	41.255	5.3169	2.6463	24	8.04	025.41	0
025	Iron (mg / kg (ppm))	42	66.450	28.100	41.255	5.3169	2.6463	24	4.74	025.42	1
027	Magnesium (%)	34	0.12350	0.00100	0.17004	0.00872	0.00458	26	-5.34	027.43	0
027	Magnesium (%)	511	0.14000	0.00000	0.17004	0.00872	0.00458	26	-3.45	027.41	0
027	Magnesium (%)	51	0.15400	0.00020	0.17004	0.00872	0.00458	26	-1.84	027.41	0
027	Magnesium (%)	164	0.15650	0.00300	0.17004	0.00872	0.00458	26	-1.55	027.41	0
027	Magnesium (%)	171	0.16000	0.00000	0.17004	0.00872	0.00458	26	-1.15	027.41	0
027	Magnesium (%)	510	0.16000	0.00000	0.17004	0.00872	0.00458	26	-1.15	027.43	0
027	Magnesium (%)	650	0.16495	0.01050	0.17004	0.00872	0.00458	26	-0.58	027.31	0
027	Magnesium (%)	970	0.16550	0.00700	0.17004	0.00872	0.00458	26	-0.52	027.44	0
027	Magnesium (%)	2023	0.16650	0.00900	0.17004	0.00872	0.00458	26	-0.41	027.44	0
027	Magnesium (%)	74	0.16700	0.00000	0.17004	0.00872	0.00458	26	-0.35	027.41	0
027	Magnesium (%)	555	0.17000	0.02000	0.17004	0.00872	0.00458	26	0.00	027.42	0
027	Magnesium (%)	2089	0.17000	0.00000	0.17004	0.00872	0.00458	26	0.00	027.41	0
027	Magnesium (%)	98	0.17000	0.00000	0.17004	0.00872	0.00458	26	0.00	027.43	0
027	Magnesium (%)	969	0.17000	0.00000	0.17004	0.00872	0.00458	26	0.00	027.44	0
027	Magnesium (%)	208	0.17100	0.01400	0.17004	0.00872	0.00458	26	0.11	027.31	0
027	Magnesium (%)	8	0.17250	0.00300	0.17004	0.00872	0.00458	26	0.28	027.43	0

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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
027	Magnesium (%)	2004	0.17350	0.00500	0.17004	0.00872	0.00458	26	0.40	027.44	0
027	Magnesium (%)	870	0.17450	0.00000	0.17004	0.00872	0.00458	26	0.51	027.42	0
027	Magnesium (%)	512	0.17470	0.00920	0.17004	0.00872	0.00458	26	0.53	027.41	0
027	Magnesium (%)	98	0.17500	0.01000	0.17004	0.00872	0.00458	26	0.57	027.41	0
027	Magnesium (%)	208	0.17700	0.00200	0.17004	0.00872	0.00458	26	0.80	027.41	0
027	Magnesium (%)	42	0.18000	0.01800	0.17004	0.00872	0.00458	26	1.14	027.42	0
027	Magnesium (%)	202	0.18000	0.00000	0.17004	0.00872	0.00458	26	1.14	027.42	0
027	Magnesium (%)	964	0.18120	0.00060	0.17004	0.00872	0.00458	26	1.28	027.41	0
027	Magnesium (%)	964	0.18300	0.00660	0.17004	0.00872	0.00458	26	1.49	027.43	0
027	Magnesium (%)	3	0.19000	0.00000	0.17004	0.00872	0.00458	26	2.29	027.41	0
028	Manganese (mg / kg (ppm))	164	11.000	0.00000	12.916	1.2582	0.87300	24	-1.52	028.41	0
028	Manganese (mg / kg (ppm))	510	11.000	0.00000	12.916	1.2582	0.87300	24	-1.52	028.43	0
028	Manganese (mg / kg (ppm))	51	11.070	0.02000	12.916	1.2582	0.87300	24	-1.47	028.41	0
028	Manganese (mg / kg (ppm))	870	11.260	0.00000	12.916	1.2582	0.87300	24	-1.32	028.42	0
028	Manganese (mg / kg (ppm))	2023	11.700	0.60000	12.916	1.2582	0.87300	24	-0.97	028.44	0
028	Manganese (mg / kg (ppm))	74	12.000	0.00000	12.916	1.2582	0.87300	24	-0.73	028.41	0
028	Manganese (mg / kg (ppm))	171	12.300	0.00000	12.916	1.2582	0.87300	24	-0.49	028.41	0
028	Manganese (mg / kg (ppm))	969	12.350	0.10000	12.916	1.2582	0.87300	24	-0.45	028.44	0
028	Manganese (mg / kg (ppm))	970	12.550	0.10000	12.916	1.2582	0.87300	24	-0.29	028.44	0
028	Manganese (mg / kg (ppm))	512	12.870	1.0600	12.916	1.2582	0.87300	24	-0.04	028.41	0
028	Manganese (mg / kg (ppm))	2089	12.885	0.13000	12.916	1.2582	0.87300	24	-0.02	028.41	0
028	Manganese (mg / kg (ppm))	208	12.900	0.60000	12.916	1.2582	0.87300	24	-0.01	028.31	0
028	Manganese (mg / kg (ppm))	8	12.900	0.40000	12.916	1.2582	0.87300	24	-0.01	028.43	0
028	Manganese (mg / kg (ppm))	208	12.905	1.4500	12.916	1.2582	0.87300	24	-0.01	028.41	0
028	Manganese (mg / kg (ppm))	98	13.395	0.53000	12.916	1.2582	0.87300	24	0.38	028.43	0
028	Manganese (mg / kg (ppm))	555	13.500	3.0000	12.916	1.2582	0.87300	24	0.46	028.52	0
028	Manganese (mg / kg (ppm))	2004	13.550	0.70000	12.916	1.2582	0.87300	24	0.50	028.44	0
028	Manganese (mg / kg (ppm))	964	13.587	1.3320	12.916	1.2582	0.87300	24	0.53	028.41	0
028	Manganese (mg / kg (ppm))	98	13.745	0.69000	12.916	1.2582	0.87300	24	0.66	028.41	0
028	Manganese (mg / kg (ppm))	964	13.825	0.65000	12.916	1.2582	0.87300	24	0.72	028.43	0
028	Manganese (mg / kg (ppm))	42	14.350	1.9000	12.916	1.2582	0.87300	24	1.14	028.42	0
028	Manganese (mg / kg (ppm))	555	14.825	3.6500	12.916	1.2582	0.87300	24	1.52	028.42	0
028	Manganese (mg / kg (ppm))	202	15.020	0.04000	12.916	1.2582	0.87300	24	1.67	028.42	0
028	Manganese (mg / kg (ppm))	3	24.000	4.0000	12.916	1.2582	0.87300	24	8.81	028.41	0
031	Phosphorus (%)	511	0.86500	0.03000	1.0697	0.06444	0.02425	32	-3.18	031.01	0
031	Phosphorus (%)	51	0.91155	0.03690	1.0697	0.06444	0.02425	32	-2.45	031.41	0
031	Phosphorus (%)	510	0.98000	0.00000	1.0697	0.06444	0.02425	32	-1.39	031.43	0
031	Phosphorus (%)	650	1.0000	0.02000	1.0697	0.06444	0.02425	32	-1.08	031.01	0
031	Phosphorus (%)	2089	1.0050	0.01000	1.0697	0.06444	0.02425	32	-1.00	031.41	0
031	Phosphorus (%)	1	1.0065	0.01900	1.0697	0.06444	0.02425	32	-0.98	031.03	0
031	Phosphorus (%)	33	1.0200	0.02000	1.0697	0.06444	0.02425	32	-0.77	031.43	0
031	Phosphorus (%)	171	1.0250	0.01000	1.0697	0.06444	0.02425	32	-0.69	031.41	0

Method Group	Analyte Group (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Your Method	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
031	Phosphorus (%)	42	1.0250	0.01000	1.0697	0.06444	0.02425	32	-0.69	031.42	0
031	Phosphorus (%)	870	1.0320	0.00000	1.0697	0.06444	0.02425	32	-0.58	031.42	0
031	Phosphorus (%)	208	1.0430	0.04600	1.0697	0.06444	0.02425	32	-0.41	031.01	0
031	Phosphorus (%)	164	1.0550	0.03000	1.0697	0.06444	0.02425	32	-0.23	031.41	0
031	Phosphorus (%)	969	1.0550	0.03000	1.0697	0.06444	0.02425	32	-0.23	031.44	0
031	Phosphorus (%)	2004	1.0550	0.03000	1.0697	0.06444	0.02425	32	-0.23	031.44	0
031	Phosphorus (%)	504	1.0650	0.01000	1.0697	0.06444	0.02425	32	-0.07	031.03	0
031	Phosphorus (%)	74	1.0650	0.01000	1.0697	0.06444	0.02425	32	-0.07	031.41	0
031	Phosphorus (%)	512	1.0735	0.02900	1.0697	0.06444	0.02425	32	0.06	031.41	0
031	Phosphorus (%)	208	1.0740	0.02600	1.0697	0.06444	0.02425	32	0.07	031.41	0
031	Phosphorus (%)	47	1.0800	0.00000	1.0697	0.06444	0.02425	32	0.16	031.03	0
031	Phosphorus (%)	8	1.0800	0.02000	1.0697	0.06444	0.02425	32	0.16	031.43	0
031	Phosphorus (%)	98	1.0860	0.04200	1.0697	0.06444	0.02425	32	0.25	031.41	0
031	Phosphorus (%)	970	1.0900	0.00000	1.0697	0.06444	0.02425	32	0.32	031.44	0
031	Phosphorus (%)	17	1.0950	0.11000	1.0697	0.06444	0.02425	32	0.39	031.43	0
031	Phosphorus (%)	98	1.1115	0.05300	1.0697	0.06444	0.02425	32	0.65	031.43	0
031	Phosphorus (%)	160	1.1209	0.02450	1.0697	0.06444	0.02425	32	0.79	031.42	0
031	Phosphorus (%)	964	1.1248	0.03730	1.0697	0.06444	0.02425	32	0.85	031.43	0
031	Phosphorus (%)	964	1.1384	0.01240	1.0697	0.06444	0.02425	32	1.07	031.41	0
031	Phosphorus (%)	202	1.1400	0.02000	1.0697	0.06444	0.02425	32	1.09	031.42	0
031	Phosphorus (%)	2023	1.1500	0.04000	1.0697	0.06444	0.02425	32	1.25	031.44	0
031	Phosphorus (%)	3	1.1550	0.01000	1.0697	0.06444	0.02425	32	1.32	031.41	0
031	Phosphorus (%)	2094	1.1780	0.02800	1.0697	0.06444	0.02425	32	1.68	031.43	0
031	Phosphorus (%)	34	1.1950	0.01200	1.0697	0.06444	0.02425	32	1.94	031.43	0
031	Phosphorus (%)	555	1.0300	0.14000	1.0697	0.06444	0.02425	32	-0.62	031.42	1
032	Potassium (%)	511	0.86000	0.02000	1.0288	0.04316	0.03115	26	-3.91	032.41	0
032	Potassium (%)	34	0.88250	0.01700	1.0288	0.04316	0.03115	26	-3.39	032.43	0
032	Potassium (%)	870	0.89890	0.00000	1.0288	0.04316	0.03115	26	-3.01	032.42	0
032	Potassium (%)	510	0.95500	0.01000	1.0288	0.04316	0.03115	26	-1.71	032.43	0
032	Potassium (%)	51	0.96360	0.04920	1.0288	0.04316	0.03115	26	-1.51	032.41	0
032	Potassium (%)	964	0.96395	0.04150	1.0288	0.04316	0.03115	26	-1.50	032.41	0
032	Potassium (%)	202	0.99500	0.01000	1.0288	0.04316	0.03115	26	-0.78	032.42	0
032	Potassium (%)	98	1.0050	0.03000	1.0288	0.04316	0.03115	26	-0.55	032.43	0
032	Potassium (%)	208	1.0070	0.01400	1.0288	0.04316	0.03115	26	-0.51	032.41	0
032	Potassium (%)	164	1.0100	0.00000	1.0288	0.04316	0.03115	26	-0.44	032.41	0
032	Potassium (%)	171	1.0150	0.01000	1.0288	0.04316	0.03115	26	-0.32	032.41	0
032	Potassium (%)	42	1.0250	0.01000	1.0288	0.04316	0.03115	26	-0.09	032.42	0
032	Potassium (%)	970	1.0350	0.01000	1.0288	0.04316	0.03115	26	0.14	032.44	0
032	Potassium (%)	964	1.0419	0.05810	1.0288	0.04316	0.03115	26	0.30	032.43	0
032	Potassium (%)	504	1.0450	0.05000	1.0288	0.04316	0.03115	26	0.37	032.02	0
032	Potassium (%)	2004	1.0450	0.07000	1.0288	0.04316	0.03115	26	0.37	032.44	0
032	Potassium (%)	555	1.0500	0.10000	1.0288	0.04316	0.03115	26	0.49	032.42	0

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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
032	Potassium (%)	969	1.0500	0.02000	1.0288	0.04316	0.03115	26	0.49	032.44	0
032	Potassium (%)	208	1.0550	0.03000	1.0288	0.04316	0.03115	26	0.61	032.31	0
032	Potassium (%)	650	1.0550	0.03000	1.0288	0.04316	0.03115	26	0.61	032.31	0
032	Potassium (%)	74	1.0550	0.03000	1.0288	0.04316	0.03115	26	0.61	032.41	0
032	Potassium (%)	98	1.0600	0.04000	1.0288	0.04316	0.03115	26	0.72	032.41	0
032	Potassium (%)	8	1.0650	0.09000	1.0288	0.04316	0.03115	26	0.84	032.43	0
032	Potassium (%)	2023	1.0850	0.05000	1.0288	0.04316	0.03115	26	1.30	032.44	0
032	Potassium (%)	2089	1.1150	0.01000	1.0288	0.04316	0.03115	26	2.00	032.41	0
032	Potassium (%)	3	1.1550	0.01000	1.0288	0.04316	0.03115	26	2.92	032.41	0
033	Salt as chloride (%)	504	0.08500	0.03000	0.24052	0.02690	0.01888	8	-5.78	033.00	0
033	Salt as chloride (%)	309	0.12350	0.01100	0.24052	0.02690	0.01888	8	-4.35	033.00	0
033	Salt as chloride (%)	164	0.23000	0.00000	0.24052	0.02690	0.01888	8	-0.39	033.01	0
033	Salt as chloride (%)	171	0.24000	0.00000	0.24052	0.02690	0.01888	8	-0.02	033.05	0
033	Salt as chloride (%)	98	0.24500	0.03000	0.24052	0.02690	0.01888	8	0.17	033.01	0
033	Salt as chloride (%)	510	0.25500	0.01000	0.24052	0.02690	0.01888	8	0.54	033.01	0
033	Salt as chloride (%)	650	0.26000	0.06000	0.24052	0.02690	0.01888	8	0.72	033.01	0
033	Salt as chloride (%)	2023	0.34500	0.01000	0.24052	0.02690	0.01888	8	3.88	033.01	0
034	Selenium (mg / kg (ppm))	171	0.11500	0.01000	0.23383	0.07708	0.01749	11	-1.54	034.04	0
034	Selenium (mg / kg (ppm))	34	0.14350	0.00300	0.23383	0.07708	0.01749	11	-1.17	034.34	0
034	Selenium (mg / kg (ppm))	555	0.15000	0.06000	0.23383	0.07708	0.01749	11	-1.09	034.52	0
034	Selenium (mg / kg (ppm))	42	0.16450	0.01500	0.23383	0.07708	0.01749	11	-0.90	034.42	0
034	Selenium (mg / kg (ppm))	2004	0.22750	0.00300	0.23383	0.07708	0.01749	11	-0.08	034.99	0
034	Selenium (mg / kg (ppm))	555	0.25500	0.01000	0.23383	0.07708	0.01749	11	0.27	034.99	0
034	Selenium (mg / kg (ppm))	164	0.26000	0.00000	0.23383	0.07708	0.01749	11	0.34	034.04	0
034	Selenium (mg / kg (ppm))	969	0.26300	0.00000	0.23383	0.07708	0.01749	11	0.38	034.99	0
034	Selenium (mg / kg (ppm))	970	0.28800	0.02400	0.23383	0.07708	0.01749	11	0.70	034.99	0
034	Selenium (mg / kg (ppm))	2023	0.30000	0.00000	0.23383	0.07708	0.01749	11	0.86	034.53	0
034	Selenium (mg / kg (ppm))	964	0.39070	0.06740	0.23383	0.07708	0.01749	11	2.04	034.43	0
035	Sodium (%)	510	0.12900	0.00000	0.15120	0.01260	0.00751	23	-1.76	035.43	0
035	Sodium (%)	34	0.13000	0.00000	0.15120	0.01260	0.00751	23	-1.68	035.43	0
035	Sodium (%)	870	0.13630	0.00000	0.15120	0.01260	0.00751	23	-1.18	035.42	0
035	Sodium (%)	51	0.13690	0.00880	0.15120	0.01260	0.00751	23	-1.13	035.41	0
035	Sodium (%)	208	0.13900	0.01600	0.15120	0.01260	0.00751	23	-0.97	035.31	0
035	Sodium (%)	164	0.14000	0.00200	0.15120	0.01260	0.00751	23	-0.89	035.41	0
035	Sodium (%)	969	0.14000	0.00000	0.15120	0.01260	0.00751	23	-0.89	035.41	0
035	Sodium (%)	98	0.14500	0.01000	0.15120	0.01260	0.00751	23	-0.49	035.43	0
035	Sodium (%)	964	0.14655	0.00570	0.15120	0.01260	0.00751	23	-0.37	035.41	0
035	Sodium (%)	171	0.15000	0.00000	0.15120	0.01260	0.00751	23	-0.10	035.41	0
035	Sodium (%)	970	0.15150	0.00100	0.15120	0.01260	0.00751	23	0.02	035.41	0
035	Sodium (%)	964	0.15315	0.00930	0.15120	0.01260	0.00751	23	0.15	035.43	0
035	Sodium (%)	504	0.15500	0.01000	0.15120	0.01260	0.00751	23	0.30	035.05	0
035	Sodium (%)	2089	0.15500	0.01000	0.15120	0.01260	0.00751	23	0.30	035.41	0

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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
035	Sodium (%)	8	0.15500	0.00800	0.15120	0.01260	0.00751	23	0.30	035.43	0
035	Sodium (%)	2004	0.15800	0.01400	0.15120	0.01260	0.00751	23	0.54	035.41	0
035	Sodium (%)	2094	0.15850	0.00700	0.15120	0.01260	0.00751	23	0.58	035.43	0
035	Sodium (%)	650	0.16000	0.00000	0.15120	0.01260	0.00751	23	0.70	035.31	0
035	Sodium (%)	98	0.16000	0.02000	0.15120	0.01260	0.00751	23	0.70	035.41	0
035	Sodium (%)	202	0.16500	0.01000	0.15120	0.01260	0.00751	23	1.10	035.42	0
035	Sodium (%)	555	0.16500	0.01000	0.15120	0.01260	0.00751	23	1.10	035.42	0
035	Sodium (%)	208	0.16750	0.01700	0.15120	0.01260	0.00751	23	1.29	035.41	0
035	Sodium (%)	2023	0.17700	0.01400	0.15120	0.01260	0.00751	23	2.05	035.41	0
036	Sulfur (%)	2089	0.26000	0.04000	0.39393	0.01909	0.00897	11	-7.02	036.42	0
036	Sulfur (%)	202	0.38000	0.00000	0.39393	0.01909	0.00897	11	-0.73	036.42	0
036	Sulfur (%)	510	0.38000	0.00000	0.39393	0.01909	0.00897	11	-0.73	036.43	0
036	Sulfur (%)	555	0.38500	0.01000	0.39393	0.01909	0.00897	11	-0.47	036.42	0
036	Sulfur (%)	870	0.39090	0.00000	0.39393	0.01909	0.00897	11	-0.16	036.42	0
036	Sulfur (%)	98	0.39445	0.01090	0.39393	0.01909	0.00897	11	0.03	036.43	0
036	Sulfur (%)	164	0.39500	0.01000	0.39393	0.01909	0.00897	11	0.06	036.42	0
036	Sulfur (%)	171	0.39500	0.01000	0.39393	0.01909	0.00897	11	0.06	036.42	0
036	Sulfur (%)	33	0.41000	0.00000	0.39393	0.01909	0.00897	11	0.84	036.43	0
036	Sulfur (%)	98	0.41500	0.01000	0.39393	0.01909	0.00897	11	1.10	036.04	0
036	Sulfur (%)	964	0.43840	0.00780	0.39393	0.01909	0.00897	11	2.33	036.43	0
036	Sulfur (%)	42	0.26500	0.05600	0.39393	0.01909	0.00897	11	-6.75	036.42	1
037	Zinc (mg / kg (ppm))	511	66.500	1.0000	88.867	6.5502	3.5287	20	-3.41	037.41	0
037	Zinc (mg / kg (ppm))	870	69.020	0.00000	88.867	6.5502	3.5287	20	-3.03	037.42	0
037	Zinc (mg / kg (ppm))	164	82.500	1.0000	88.867	6.5502	3.5287	20	-0.97	037.41	0
037	Zinc (mg / kg (ppm))	208	83.600	1.8000	88.867	6.5502	3.5287	20	-0.80	037.31	0
037	Zinc (mg / kg (ppm))	510	84.000	0.00000	88.867	6.5502	3.5287	20	-0.74	037.43	0
037	Zinc (mg / kg (ppm))	964	84.026	6.2140	88.867	6.5502	3.5287	20	-0.74	037.41	0
037	Zinc (mg / kg (ppm))	8	85.850	1.3000	88.867	6.5502	3.5287	20	-0.46	037.43	0
037	Zinc (mg / kg (ppm))	969	86.550	0.90000	88.867	6.5502	3.5287	20	-0.35	037.44	0
037	Zinc (mg / kg (ppm))	2089	86.665	0.39000	88.867	6.5502	3.5287	20	-0.34	037.41	0
037	Zinc (mg / kg (ppm))	202	88.960	0.00000	88.867	6.5502	3.5287	20	0.01	037.42	0
037	Zinc (mg / kg (ppm))	970	89.350	2.5000	88.867	6.5502	3.5287	20	0.07	037.44	0
037	Zinc (mg / kg (ppm))	2004	90.450	3.7000	88.867	6.5502	3.5287	20	0.24	037.44	0
037	Zinc (mg / kg (ppm))	964	91.190	2.5600	88.867	6.5502	3.5287	20	0.35	037.43	0
037	Zinc (mg / kg (ppm))	171	93.000	0.00000	88.867	6.5502	3.5287	20	0.63	037.41	0
037	Zinc (mg / kg (ppm))	2023	93.500	3.0000	88.867	6.5502	3.5287	20	0.71	037.43	0
037	Zinc (mg / kg (ppm))	555	94.500	17.000	88.867	6.5502	3.5287	20	0.86	037.52	0
037	Zinc (mg / kg (ppm))	208	95.035	17.930	88.867	6.5502	3.5287	20	0.94	037.41	0
037	Zinc (mg / kg (ppm))	98	95.610	3.5800	88.867	6.5502	3.5287	20	1.03	037.41	0
037	Zinc (mg / kg (ppm))	98	95.770	3.7000	88.867	6.5502	3.5287	20	1.05	037.43	0
037	Zinc (mg / kg (ppm))	42	103.00	4.0000	88.867	6.5502	3.5287	20	2.16	037.42	0
037	Zinc (mg / kg (ppm))	555	99.000	22.000	88.867	6.5502	3.5287	20	1.55	037.42	1

Method Group	Analyte Group (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Your Method	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
037	Zinc (mg / kg (ppm))	3	241.00	12.000	88.867	6.5502	3.5287	20	23.23	037.41	2
038	Molybdenum (mg / kg (ppm))	171	0.75000	0.10000	0.95300	0.14789	0.20823	7	-1.37	038.41	0
038	Molybdenum (mg / kg (ppm))	964	0.86050	0.26620	0.95300	0.14789	0.20823	7	-0.63	038.43	0
038	Molybdenum (mg / kg (ppm))	510	0.90000	0.00000	0.95300	0.14789	0.20823	7	-0.36	038.43	0
038	Molybdenum (mg / kg (ppm))	2023	0.94500	0.01000	0.95300	0.14789	0.20823	7	-0.05	038.53	0
038	Molybdenum (mg / kg (ppm))	964	0.98550	0.21140	0.95300	0.14789	0.20823	7	0.22	038.41	0
038	Molybdenum (mg / kg (ppm))	555	1.0900	0.22000	0.95300	0.14789	0.20823	7	0.93	038.52	0
038	Molybdenum (mg / kg (ppm))	555	1.4950	0.65000	0.95300	0.14789	0.20823	7	3.66	038.42	0
040	Barium (mg / kg (ppm))	555	0.36000	0.08000			0.08000	1			
041	Vanadium (mg / kg (ppm))	555	0.00000	0.00000			0.00000	1			
042	Chloride (%)	2004	0.11650	0.00300	0.14500	0.00707	0.00100	3	-1.10	042.00	0
042	Chloride (%)	969	0.14000	0.00000	0.14500	0.00707	0.00100	3	0.26	042.00	0
042	Chloride (%)	2089	0.15000	0.00000	0.14500	0.00707	0.00100	3	0.84	042.99	0
101	Choline Chloride (mg / kg (ppm))	969	3,105.0	10.000			165.00	2	-0.71	101.01	0
101	Choline Chloride (mg / kg (ppm))	2004	3,190.0	320.00			165.00	2	0.71	101.01	0
102	Niacin (mg / kg (ppm))	969	61.700	2.4000			1.8000	2	-0.71	102.01	0
102	Niacin (mg / kg (ppm))	2004	69.500	1.2000			1.8000	2	0.71	102.01	0
103	Pantothenic Acid (mg / kg (ppm))	2004	5.3000	0.40000			0.60000	2	-0.71	103.02	0
103	Pantothenic Acid (mg / kg (ppm))	969	13.500	0.80000			0.60000	2	0.71	103.02	0
104	Riboflavin (mg / kg (ppm))	2023	13.500	1.0000	21.150	6.8097	1.9000	3	-1.12	104.03	0
104	Riboflavin (mg / kg (ppm))	969	23.400	1.8000	21.150	6.8097	1.9000	3	0.33	104.02	0
104	Riboflavin (mg / kg (ppm))	2004	26.550	2.9000	21.150	6.8097	1.9000	3	0.79	104.02	0
105	Thiamine (mg / kg (ppm))	969	13.100	0.60000	15.304	3.0180	1.2625	4	-0.73	105.99	0
105	Thiamine (mg / kg (ppm))	2004	13.600	1.6000	15.304	3.0180	1.2625	4	-0.56	105.99	0
105	Thiamine (mg / kg (ppm))	208	14.816	1.6500	15.304	3.0180	1.2625	4	-0.16	105.00	0
105	Thiamine (mg / kg (ppm))	2023	19.700	1.2000	15.304	3.0180	1.2625	4	1.46	105.00	0
106	Vitamin A (KU / kg)	969	0.00000	0.00000	0.00000	0.00000	0.00025	4	-0.50	106.02	0
106	Vitamin A (KU / kg)	970	0.00000	0.00000	0.00000	0.00000	0.00025	4	-0.50	106.02	0
106	Vitamin A (KU / kg)	2004	0.00000	0.00000	0.00000	0.00000	0.00025	4	-0.50	106.02	0
106	Vitamin A (KU / kg)	2023	0.30150	0.00100	0.00000	0.00000	0.00025	4	1.50	106.02	0
107	Vitamin B12 (µg / kg (ppb))	969	0.00000	0.00000			0.00000	2	0.00	107.00	0
107	Vitamin B12 (µg / kg (ppb))	2004	0.00000	0.00000			0.00000	2	0.00	107.00	0
108	Vitamin D3 (KU / kg)	2023	0.00000	0.00000			0.00000	4	0.00	108.01	0
108	Vitamin D3 (KU / kg)	969	0.00000	0.00000			0.00000	4	0.00	108.99	0
108	Vitamin D3 (KU / kg)	970	0.00000	0.00000			0.00000	4	0.00	108.99	0
108	Vitamin D3 (KU / kg)	2004	0.00000	0.00000			0.00000	4	0.00	108.99	0
109	Vitamin E (mg / kg (ppm))	969	0.00000	0.00000	0.00000	0.00000	0.35000	4	-0.50	109.02	0
109	Vitamin E (mg / kg (ppm))	970	0.00000	0.00000	0.00000	0.00000	0.35000	4	-0.50	109.02	0
109	Vitamin E (mg / kg (ppm))	2004	0.00000	0.00000	0.00000	0.00000	0.35000	4	-0.50	109.02	0
109	Vitamin E (mg / kg (ppm))	2023	9.2000	1.4000	0.00000	0.00000	0.35000	4	1.50	109.02	0
112	Pyridoxine (µg / g)	969	10,750	300.00			700.00	2	-0.71	112.00	0
112	Pyridoxine (µg / g)	2004	13,450	1,100.0			700.00	2	0.71	112.00	0

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113	Folic Acid (mg / kg (ppm))	2004	9.4450	0.69000			0.76000	2	-0.71	113.01	0
113	Folic Acid (mg / kg (ppm))	969	9.8850	0.83000			0.76000	2	0.71	113.01	0
114	Biotin (mg / kg (ppm))	969	0.46000	0.08000			0.04700	2	-0.71	114.01	0
114	Biotin (mg / kg (ppm))	2004	0.50500	0.01400			0.04700	2	0.71	114.01	0
120	Alanine (%)	171	2.9350	0.09000	3.1101	0.13050	0.04459	9	-1.34	120.00	0
120	Alanine (%)	2023	2.9500	0.04000	3.1101	0.13050	0.04459	9	-1.23	120.02	0
120	Alanine (%)	970	3.0700	0.00000	3.1101	0.13050	0.04459	9	-0.31	120.01	0
120	Alanine (%)	504	3.0950	0.09000	3.1101	0.13050	0.04459	9	-0.12	120.00	0
120	Alanine (%)	8	3.1020	0.12600	3.1101	0.13050	0.04459	9	-0.06	120.05	0
120	Alanine (%)	870	3.1581	0.00530	3.1101	0.13050	0.04459	9	0.37	120.00	0
120	Alanine (%)	2004	3.1800	0.02000	3.1101	0.13050	0.04459	9	0.54	120.01	0
120	Alanine (%)	969	3.2250	0.03000	3.1101	0.13050	0.04459	9	0.88	120.01	0
120	Alanine (%)	227	3.3400	0.00000	3.1101	0.13050	0.04459	9	1.76	120.00	0
121	Arginine (%)	870	1.9739	0.01290	2.1831	0.15214	0.03286	8	-1.38	121.00	0
121	Arginine (%)	504	2.1000	0.10000	2.1831	0.15214	0.03286	8	-0.55	121.00	0
121	Arginine (%)	227	2.1000	0.00000	2.1831	0.15214	0.03286	8	-0.55	121.00	0
121	Arginine (%)	171	2.1250	0.03000	2.1831	0.15214	0.03286	8	-0.38	121.00	0
121	Arginine (%)	2023	2.1850	0.01000	2.1831	0.15214	0.03286	8	0.01	121.02	0
121	Arginine (%)	2004	2.2850	0.05000	2.1831	0.15214	0.03286	8	0.67	121.01	0
121	Arginine (%)	970	2.3350	0.03000	2.1831	0.15214	0.03286	8	1.00	121.01	0
121	Arginine (%)	969	2.5450	0.03000	2.1831	0.15214	0.03286	8	2.38	121.01	0
121	Arginine (%)	8	1.9535	0.19300	2.1831	0.15214	0.03286	8	-1.51	121.05	1
122	Aspartic (%)	2023	3.9750	0.11000	4.2641	0.18381	0.07251	8	-1.57	122.02	0
122	Aspartic (%)	970	4.0950	0.09000	4.2641	0.18381	0.07251	8	-0.92	122.01	0
122	Aspartic (%)	2004	4.1800	0.00000	4.2641	0.18381	0.07251	8	-0.46	122.01	0
122	Aspartic (%)	870	4.2346	0.00110	4.2641	0.18381	0.07251	8	-0.16	122.00	0
122	Aspartic (%)	969	4.3050	0.03000	4.2641	0.18381	0.07251	8	0.22	122.01	0
122	Aspartic (%)	8	4.3635	0.17900	4.2641	0.18381	0.07251	8	0.54	122.05	0
122	Aspartic (%)	227	4.3950	0.03000	4.2641	0.18381	0.07251	8	0.71	122.00	0
122	Aspartic (%)	171	4.5500	0.14000	4.2641	0.18381	0.07251	8	1.56	122.00	0
124	Cysteine/Cystine (%)	8	0.31500	0.03800	0.47866	0.08109	0.02344	7	-2.02	124.99	0
124	Cysteine/Cystine (%)	969	0.42500	0.01000	0.47866	0.08109	0.02344	7	-0.66	124.01	0
124	Cysteine/Cystine (%)	227	0.44000	0.02000	0.47866	0.08109	0.02344	7	-0.48	124.00	0
124	Cysteine/Cystine (%)	2004	0.48700	0.01600	0.47866	0.08109	0.02344	7	0.10	124.01	0
124	Cysteine/Cystine (%)	870	0.48965	0.00010	0.47866	0.08109	0.02344	7	0.14	124.00	0
124	Cysteine/Cystine (%)	171	0.53500	0.03000	0.47866	0.08109	0.02344	7	0.69	124.00	0
124	Cysteine/Cystine (%)	2023	0.62500	0.05000	0.47866	0.08109	0.02344	7	1.80	124.02	0
124	Cysteine/Cystine (%)	970	4.3400	0.48000	0.47866	0.08109	0.02344	7	47.62	124.01	1
125	Glutamic (%)	504	5.1950	0.03000	5.7227	0.37553	0.04841	8	-1.41	125.00	0
125	Glutamic (%)	969	5.4800	0.12000	5.7227	0.37553	0.04841	8	-0.65	125.01	0
125	Glutamic (%)	970	5.5950	0.05000	5.7227	0.37553	0.04841	8	-0.34	125.01	0
125	Glutamic (%)	2023	5.6000	0.14000	5.7227	0.37553	0.04841	8	-0.33	125.02	0

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125	Glutamic (%)	2004	5.6850	0.01000	5.7227	0.37553	0.04841	8	-0.10	125.01	0
125	Glutamic (%)	870	5.9721	0.00730	5.7227	0.37553	0.04841	8	0.66	125.00	0
125	Glutamic (%)	227	6.0650	0.03000	5.7227	0.37553	0.04841	8	0.91	125.00	0
125	Glutamic (%)	171	8.7100	0.00000	5.7227	0.37553	0.04841	8	7.95	125.00	0
125	Glutamic (%)	8	5.8480	0.42200	5.7227	0.37553	0.04841	8	0.33	125.05	1
126	Glycine (%)	969	1.8250	0.05000	1.9750	0.07545	0.06319	8	-1.99	126.01	0
126	Glycine (%)	171	1.8550	0.07000	1.9750	0.07545	0.06319	8	-1.59	126.00	0
126	Glycine (%)	504	1.9400	0.04000	1.9750	0.07545	0.06319	8	-0.46	126.00	0
126	Glycine (%)	970	1.9900	0.14000	1.9750	0.07545	0.06319	8	0.20	126.01	0
126	Glycine (%)	870	1.9974	0.00550	1.9750	0.07545	0.06319	8	0.30	126.00	0
126	Glycine (%)	2004	2.0150	0.01000	1.9750	0.07545	0.06319	8	0.53	126.01	0
126	Glycine (%)	227	2.0400	0.02000	1.9750	0.07545	0.06319	8	0.86	126.00	0
126	Glycine (%)	8	2.0530	0.17000	1.9750	0.07545	0.06319	8	1.03	126.05	0
127	Histidine (%)	2004	0.92900	0.02800	1.0039	0.02705	0.01566	8	-2.77	127.01	0
127	Histidine (%)	171	0.98000	0.02000	1.0039	0.02705	0.01566	8	-0.88	127.00	0
127	Histidine (%)	970	0.98150	0.02700	1.0039	0.02705	0.01566	8	-0.83	127.01	0
127	Histidine (%)	504	1.0100	0.02000	1.0039	0.02705	0.01566	8	0.23	127.00	0
127	Histidine (%)	870	1.0115	0.00030	1.0039	0.02705	0.01566	8	0.28	127.00	0
127	Histidine (%)	969	1.0150	0.01000	1.0039	0.02705	0.01566	8	0.41	127.01	0
127	Histidine (%)	2023	1.0150	0.01000	1.0039	0.02705	0.01566	8	0.41	127.02	0
127	Histidine (%)	227	1.0450	0.01000	1.0039	0.02705	0.01566	8	1.52	127.00	0
127	Histidine (%)	8	1.0075	0.11900	1.0039	0.02705	0.01566	8	0.13	127.05	1
128	Isoleucine (%)	8	1.7140	0.12000	2.1090	0.09153	0.05960	9	-4.32	128.05	0
128	Isoleucine (%)	171	1.9050	0.03000	2.1090	0.09153	0.05960	9	-2.23	128.00	0
128	Isoleucine (%)	2023	1.9950	0.05000	2.1090	0.09153	0.05960	9	-1.25	128.02	0
128	Isoleucine (%)	504	2.1050	0.09000	2.1090	0.09153	0.05960	9	-0.04	128.00	0
128	Isoleucine (%)	2004	2.1250	0.01000	2.1090	0.09153	0.05960	9	0.17	128.01	0
128	Isoleucine (%)	870	2.1286	0.02640	2.1090	0.09153	0.05960	9	0.21	128.00	0
128	Isoleucine (%)	227	2.1700	0.04000	2.1090	0.09153	0.05960	9	0.67	128.00	0
128	Isoleucine (%)	970	2.1750	0.15000	2.1090	0.09153	0.05960	9	0.72	128.01	0
128	Isoleucine (%)	969	2.2400	0.02000	2.1090	0.09153	0.05960	9	1.43	128.01	0
129	Leucine (%)	2023	3.5100	0.04000	3.6337	0.09287	0.02894	8	-1.33	129.02	0
129	Leucine (%)	870	3.5646	0.00150	3.6337	0.09287	0.02894	8	-0.74	129.00	0
129	Leucine (%)	970	3.5650	0.09000	3.6337	0.09287	0.02894	8	-0.74	129.01	0
129	Leucine (%)	2004	3.6300	0.02000	3.6337	0.09287	0.02894	8	-0.04	129.01	0
129	Leucine (%)	969	3.6650	0.01000	3.6337	0.09287	0.02894	8	0.34	129.01	0
129	Leucine (%)	504	3.6700	0.02000	3.6337	0.09287	0.02894	8	0.39	129.00	0
129	Leucine (%)	171	3.7200	0.02000	3.6337	0.09287	0.02894	8	0.93	129.00	0
129	Leucine (%)	227	3.7450	0.03000	3.6337	0.09287	0.02894	8	1.20	129.00	0
129	Leucine (%)	8	3.5360	0.23400	3.6337	0.09287	0.02894	8	-1.05	129.05	1
130	L-Lysine (%)	969	2.6250	0.05000	3.0557	0.22863	0.08443	12	-1.88	130.01	0
130	L-Lysine (%)	2004	2.7900	0.04000	3.0557	0.22863	0.08443	12	-1.16	130.01	0

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130	L-Lysine (%)	512	2.8980	0.00000	3.0557	0.22863	0.08443	12	-0.69	130.00	0
130	L-Lysine (%)	8	2.9025	0.01300	3.0557	0.22863	0.08443	12	-0.67	130.05	0
130	L-Lysine (%)	208	2.9600	0.10000	3.0557	0.22863	0.08443	12	-0.42	130.99	0
130	L-Lysine (%)	171	3.0650	0.11000	3.0557	0.22863	0.08443	12	0.04	130.00	0
130	L-Lysine (%)	227	3.1350	0.15000	3.0557	0.22863	0.08443	12	0.35	130.00	0
130	L-Lysine (%)	504	3.1400	0.18000	3.0557	0.22863	0.08443	12	0.37	130.00	0
130	L-Lysine (%)	870	3.1571	0.00910	3.0557	0.22863	0.08443	12	0.44	130.00	0
130	L-Lysine (%)	27	3.2315	0.23100	3.0557	0.22863	0.08443	12	0.77	130.05	0
130	L-Lysine (%)	2023	3.3050	0.03000	3.0557	0.22863	0.08443	12	1.09	130.02	0
130	L-Lysine (%)	970	3.3600	0.10000	3.0557	0.22863	0.08443	12	1.33	130.01	0
131	Methionine (%)	8	0.71300	0.05600	0.76251	0.03727	0.03076	8	-1.33	131.99	0
131	Methionine (%)	970	0.72850	0.02500	0.76251	0.03727	0.03076	8	-0.91	131.01	0
131	Methionine (%)	2023	0.75000	0.00000	0.76251	0.03727	0.03076	8	-0.34	131.02	0
131	Methionine (%)	171	0.76000	0.08000	0.76251	0.03727	0.03076	8	-0.07	131.00	0
131	Methionine (%)	227	0.76500	0.01000	0.76251	0.03727	0.03076	8	0.07	131.00	0
131	Methionine (%)	2004	0.77550	0.03900	0.76251	0.03727	0.03076	8	0.35	131.01	0
131	Methionine (%)	969	0.79500	0.01000	0.76251	0.03727	0.03076	8	0.87	131.01	0
131	Methionine (%)	870	0.84055	0.02610	0.76251	0.03727	0.03076	8	2.09	131.00	0
132	Phenylalanine (%)	8	1.8295	0.15900	1.9402	0.04314	0.05015	8	-2.57	132.05	0
132	Phenylalanine (%)	970	1.9000	0.06000	1.9402	0.04314	0.05015	8	-0.93	132.01	0
132	Phenylalanine (%)	2023	1.9100	0.02000	1.9402	0.04314	0.05015	8	-0.70	132.02	0
132	Phenylalanine (%)	2004	1.9450	0.01000	1.9402	0.04314	0.05015	8	0.11	132.01	0
132	Phenylalanine (%)	171	1.9500	0.10000	1.9402	0.04314	0.05015	8	0.23	132.00	0
132	Phenylalanine (%)	227	1.9600	0.02000	1.9402	0.04314	0.05015	8	0.46	132.00	0
132	Phenylalanine (%)	870	1.9614	0.00220	1.9402	0.04314	0.05015	8	0.49	132.00	0
132	Phenylalanine (%)	969	2.0550	0.03000	1.9402	0.04314	0.05015	8	2.66	132.01	0
133	Proline (%)	2023	1.8500	0.04000	1.9976	0.08610	0.04361	9	-1.71	133.99	0
133	Proline (%)	2004	1.9250	0.05000	1.9976	0.08610	0.04361	9	-0.84	133.04	0
133	Proline (%)	504	1.9450	0.05000	1.9976	0.08610	0.04361	9	-0.61	133.00	0
133	Proline (%)	870	1.9742	0.01650	1.9976	0.08610	0.04361	9	-0.27	133.00	0
133	Proline (%)	969	2.0000	0.02000	1.9976	0.08610	0.04361	9	0.03	133.99	0
133	Proline (%)	227	2.0200	0.04000	1.9976	0.08610	0.04361	9	0.26	133.00	0
133	Proline (%)	8	2.0540	0.11600	1.9976	0.08610	0.04361	9	0.66	133.05	0
133	Proline (%)	970	2.0600	0.02000	1.9976	0.08610	0.04361	9	0.73	133.99	0
133	Proline (%)	171	2.1400	0.04000	1.9976	0.08610	0.04361	9	1.65	133.00	0
134	Serine (%)	504	2.0200	0.12000	2.1507	0.11460	0.04811	9	-1.14	134.00	0
134	Serine (%)	2023	2.0350	0.03000	2.1507	0.11460	0.04811	9	-1.01	134.02	0
134	Serine (%)	2004	2.0950	0.01000	2.1507	0.11460	0.04811	9	-0.49	134.01	0
134	Serine (%)	970	2.1050	0.03000	2.1507	0.11460	0.04811	9	-0.40	134.01	0
134	Serine (%)	969	2.1300	0.02000	2.1507	0.11460	0.04811	9	-0.18	134.01	0
134	Serine (%)	870	2.1656	0.01400	2.1507	0.11460	0.04811	9	0.13	134.00	0
134	Serine (%)	227	2.2300	0.02000	2.1507	0.11460	0.04811	9	0.69	134.00	0

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134	Serine (%)	171	2.2600	0.06000	2.1507	0.11460	0.04811	9	0.95	134.00	0
134	Serine (%)	8	2.3155	0.12900	2.1507	0.11460	0.04811	9	1.44	134.05	0
135	Threonine (%)	2023	1.9900	0.04000	2.1219	0.09741	0.04241	8	-1.35	135.02	0
135	Threonine (%)	171	2.0300	0.04000	2.1219	0.09741	0.04241	8	-0.94	135.00	0
135	Threonine (%)	970	2.0800	0.08000	2.1219	0.09741	0.04241	8	-0.43	135.01	0
135	Threonine (%)	2004	2.0900	0.00000	2.1219	0.09741	0.04241	8	-0.33	135.01	0
135	Threonine (%)	870	2.1709	0.01230	2.1219	0.09741	0.04241	8	0.50	135.00	0
135	Threonine (%)	8	2.2045	0.14700	2.1219	0.09741	0.04241	8	0.85	135.05	0
135	Threonine (%)	227	2.2050	0.01000	2.1219	0.09741	0.04241	8	0.85	135.00	0
135	Threonine (%)	969	2.2050	0.01000	2.1219	0.09741	0.04241	8	0.85	135.01	0
136	Tryptophan (%)	504	0.40000	0.02000	0.51296	0.03763	0.01186	8	-3.00	136.99	0
136	Tryptophan (%)	8	0.43100	0.02200	0.51296	0.03763	0.01186	8	-2.18	136.01	0
136	Tryptophan (%)	870	0.46685	0.00390	0.51296	0.03763	0.01186	8	-1.23	136.00	0
136	Tryptophan (%)	2023	0.52000	0.00000	0.51296	0.03763	0.01186	8	0.19	136.02	0
136	Tryptophan (%)	227	0.53000	0.00000	0.51296	0.03763	0.01186	8	0.45	136.00	0
136	Tryptophan (%)	969	0.53500	0.03000	0.51296	0.03763	0.01186	8	0.59	136.99	0
136	Tryptophan (%)	2004	0.54700	0.01800	0.51296	0.03763	0.01186	8	0.90	136.99	0
136	Tryptophan (%)	970	0.54850	0.00100	0.51296	0.03763	0.01186	8	0.94	136.99	0
137	Tyrosine (%)	870	1.1448	0.06260	1.5383	0.19238	0.04583	8	-2.05	137.00	0
137	Tyrosine (%)	8	1.3820	0.15400	1.5383	0.19238	0.04583	8	-0.81	137.05	0
137	Tyrosine (%)	227	1.4500	0.02000	1.5383	0.19238	0.04583	8	-0.46	137.00	0
137	Tyrosine (%)	171	1.4900	0.04000	1.5383	0.19238	0.04583	8	-0.25	137.00	0
137	Tyrosine (%)	2023	1.6050	0.01000	1.5383	0.19238	0.04583	8	0.35	137.02	0
137	Tyrosine (%)	970	1.6400	0.06000	1.5383	0.19238	0.04583	8	0.53	137.01	0
137	Tyrosine (%)	2004	1.7000	0.00000	1.5383	0.19238	0.04583	8	0.84	137.01	0
137	Tyrosine (%)	969	1.7700	0.02000	1.5383	0.19238	0.04583	8	1.20	137.01	0
138	Valine (%)	8	2.0650	0.12200	2.4176	0.17614	0.03801	8	-2.00	138.05	0
138	Valine (%)	2023	2.1800	0.06000	2.4176	0.17614	0.03801	8	-1.35	138.02	0
138	Valine (%)	171	2.2450	0.07000	2.4176	0.17614	0.03801	8	-0.98	138.00	0
138	Valine (%)	2004	2.4200	0.02000	2.4176	0.17614	0.03801	8	0.01	138.01	0
138	Valine (%)	969	2.5200	0.00000	2.4176	0.17614	0.03801	8	0.58	138.01	0
138	Valine (%)	970	2.5300	0.00000	2.4176	0.17614	0.03801	8	0.64	138.01	0
138	Valine (%)	870	2.5327	0.02210	2.4176	0.17614	0.03801	8	0.65	138.00	0
138	Valine (%)	227	2.6150	0.01000	2.4176	0.17614	0.03801	8	1.12	138.00	0
139	Taurine (%)	8	0.00000	0.00000	0.09110	0.07914	0.00420	5	-1.15	139.05	0
139	Taurine (%)	171	0.01000	0.00000	0.09110	0.07914	0.00420	5	-1.02	139.00	0
139	Taurine (%)	2004	0.13850	0.00100	0.09110	0.07914	0.00420	5	0.60	139.01	0
139	Taurine (%)	969	0.14500	0.01000	0.09110	0.07914	0.00420	5	0.68	139.00	0
139	Taurine (%)	970	0.16200	0.01000	0.09110	0.07914	0.00420	5	0.90	139.00	0
160	Fructose (%)	969	0.00000	0.00000			0.00000	3	0.00	160.99	0
160	Fructose (%)	970	0.00000	0.00000			0.00000	3	0.00	160.99	0
160	Fructose (%)	2004	0.00000	0.00000			0.00000	3	0.00	160.99	0

Method Group	Analyte Group (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Your Method	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
161	Galactose (%)	969	0.00000	0.00000			0.00000	3	0.00	161.99	0
161	Galactose (%)	970	0.00000	0.00000			0.00000	3	0.00	161.99	0
161	Galactose (%)	2004	0.00000	0.00000			0.00000	3	0.00	161.99	0
162	Glucose (%)	969	0.00000	0.00000	0.00000	0.00000	0.00003	3	-0.58	162.99	0
162	Glucose (%)	970	0.00000	0.00000	0.00000	0.00000	0.00003	3	-0.58	162.99	0
162	Glucose (%)	2004	0.00865	0.00010	0.00000	0.00000	0.00003	3	1.15	162.99	0
163	Lactose (%)	969	0.00000	0.00000	0.00000	0.00000	0.00750	4	-0.50	163.99	0
163	Lactose (%)	970	0.00000	0.00000	0.00000	0.00000	0.00750	4	-0.50	163.99	0
163	Lactose (%)	2004	0.00000	0.00000	0.00000	0.00000	0.00750	4	-0.50	163.99	0
163	Lactose (%)	227	0.44500	0.03000	0.00000	0.00000	0.00750	4	1.50	163.99	0
164	Maltose (%)	969	0.00000	0.00000	0.00000	0.00000	0.00483	3	-0.58	164.99	0
164	Maltose (%)	970	0.00000	0.00000	0.00000	0.00000	0.00483	3	-0.58	164.99	0
164	Maltose (%)	2004	0.00725	0.01450	0.00000	0.00000	0.00483	3	1.15	164.99	0
165	Sucrose (%)	969	0.00000	0.00000			0.00000	3	0.00	165.99	0
165	Sucrose (%)	970	0.00000	0.00000			0.00000	3	0.00	165.99	0
165	Sucrose (%)	2004	0.00000	0.00000			0.00000	3	0.00	165.99	0
400	Water activity (Units)	2083	0.25050	0.00000			0.02250	2	-0.71	400.99	0
400	Water activity (Units)	8	0.25350	0.04500			0.02250	2	0.71	400.01	0
516	Arsenic, total (mg / kg (ppm))	555	0.00000	0.00000	0.01875	0.02652	0.02433	3	-0.67	516.42	0
516	Arsenic, total (mg / kg (ppm))	171	0.03750	0.00300	0.01875	0.02652	0.02433	3	-0.48	516.00	0
516	Arsenic, total (mg / kg (ppm))	555	0.37500	0.07000	0.01875	0.02652	0.02433	3	1.15	516.52	0
518	Cadmium (mg / kg (ppm))	555	0.00000	0.00000	0.00667	0.01155	0.00130	4	-0.86	518.42	0
518	Cadmium (mg / kg (ppm))	555	0.00000	0.00000	0.00667	0.01155	0.00130	4	-0.86	518.52	0
518	Cadmium (mg / kg (ppm))	964	0.01770	0.00520	0.00667	0.01155	0.00130	4	0.76	518.43	0
518	Cadmium (mg / kg (ppm))	171	0.02000	0.00000	0.00667	0.01155	0.00130	4	0.97	518.41	0
520	Chromium (mg / kg (ppm))	510	0.32500	0.03000	0.48832	0.12971	0.07584	5	-1.26	520.43	0
520	Chromium (mg / kg (ppm))	2023	0.37500	0.09000	0.48832	0.12971	0.07584	5	-0.87	520.53	0
520	Chromium (mg / kg (ppm))	964	0.54160	0.03920	0.48832	0.12971	0.07584	5	0.41	520.43	0
520	Chromium (mg / kg (ppm))	171	0.60000	0.00000	0.48832	0.12971	0.07584	5	0.86	520.41	0
520	Chromium (mg / kg (ppm))	555	0.60000	0.22000	0.48832	0.12971	0.07584	5	0.86	520.52	0
526	Lead (mg / kg (ppm))	171	0.00000	0.00000	0.00000	0.00000	0.00483	3	-0.58	526.41	0
526	Lead (mg / kg (ppm))	555	0.00000	0.00000	0.00000	0.00000	0.00483	3	-0.58	526.52	0
526	Lead (mg / kg (ppm))	964	0.12425	0.01450	0.00000	0.00000	0.00483	3	1.15	526.43	0
529	Mercury (µg / kg (ppb))	171	0.00000	0.00000			0.00000	2	0.00	529.99	0
529	Mercury (µg / kg (ppb))	555	0.00000	0.00000			0.00000	2	0.00	529.99	0
539	Nickel (mg / kg (ppm))	2023	0.80000	0.00000	0.86323	0.08941	0.48750	3	-0.70	539.53	0
539	Nickel (mg / kg (ppm))	964	0.92645	0.06250	0.86323	0.08941	0.48750	3	-0.44	539.43	0
539	Nickel (mg / kg (ppm))	555	1.7000	1.4000	0.86323	0.08941	0.48750	3	1.14	539.52	0
710	Lauric Acid (12:0) (% (w/w))	8	0.00150	0.00300							
718	Palmitoleic Acid (9c-16:1) (% (w/w))	8	0.04000	0.00000							
726	Linoleic Acid (9c,12c-18:2) (% (w/w))	8	4.4950	0.03000							
728	alpha-Linolenic Acid (9c,12c,15c-18:3) (%)	8	0.33500	0.01000							

Method Group	Analyte Group (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Your Method	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
736	Arachidonic Acid (5c,8c,11c,14c-20:4) (%)	8	0.00000	0.00000							
740	Eicosapentaenoic Acid EPA (5c,8c,11c,14c-20:5) (%)	8	0.00000	0.00000							
746	Docosapentaenoic Acid n-3 DPA (DHA) (%)	8	0.00000	0.00000							
750	Docosahexaenoic Acid DHA (4c,7c,10c,13c-22:6) (%)	8	0.00000	0.00000							
754	Total n-3 Polyunsaturated (Omega-3) F&e	8	0.33500	0.01000							
756	Total n-6 Polyunsaturated (Omega-6) F&e	8	4.4950	0.03000							

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 and 8 = Analyst data exempt. Robust statistics not used if < 6 labs reporting, in this case the Z Scores are included for information only (Grey, No Action!). Flag 9 indicates no statistics calculated for this dataset. To review the problem please see all submitted data for this test.