



Analyte Proficiency Testing Report Pet Food Program

Sample # 201641
Tomato Pomace

Labs Reporting: 56
Issue Date : 04/30/2016

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			
001	Loss on Drying (%)	0512	5.2320	0.21200	5.5740	0.22316	0.05896	16	-1.53	001.07	0
001	Loss on Drying (%)	0613	5.3250	0.03000	5.5740	0.22316	0.05896	16	-1.12	001.07	0
001	Loss on Drying (%)	0309	5.3965	0.02300	5.5740	0.22316	0.05896	16	-0.80	001.00	0
001	Loss on Drying (%)	2124	5.3982	0.01730	5.5740	0.22316	0.05896	16	-0.79	001.03	0
001	Loss on Drying (%)	0845	5.4500	0.12000	5.5740	0.22316	0.05896	16	-0.56	001.07	0
001	Loss on Drying (%)	0035	5.4750	0.01000	5.5740	0.22316	0.05896	16	-0.44	001.07	0
001	Loss on Drying (%)	0510	5.5000	0.00000	5.5740	0.22316	0.05896	16	-0.33	001.99	0
001	Loss on Drying (%)	0015	5.5500	0.18000	5.5740	0.22316	0.05896	16	-0.11	001.07	0
001	Loss on Drying (%)	0171	5.5750	0.01000	5.5740	0.22316	0.05896	16	0.00	001.07	0
001	Loss on Drying (%)	2115	5.6050	0.05000	5.5740	0.22316	0.05896	16	0.14	001.03	0
001	Loss on Drying (%)	0027	5.6415	0.00100	5.5740	0.22316	0.05896	16	0.30	001.00	0
001	Loss on Drying (%)	2033	5.6750	0.03000	5.5740	0.22316	0.05896	16	0.45	001.07	0
001	Loss on Drying (%)	0098	5.7400	0.04000	5.5740	0.22316	0.05896	16	0.74	001.07	0
001	Loss on Drying (%)	0003	5.8150	0.09000	5.5740	0.22316	0.05896	16	1.08	001.07	0
001	Loss on Drying (%)	0504	5.8900	0.08000	5.5740	0.22316	0.05896	16	1.42	001.00	0
001	Loss on Drying (%)	0074	5.9650	0.05000	5.5740	0.22316	0.05896	16	1.75	001.07	0
001	Loss on Drying (%)	0034	4.9750	0.29000	5.5740	0.22316	0.05896	16	-2.68	001.00	1
001	Loss on Drying (%)	2062	0.57780	0.00040	5.5740	0.22316	0.05896	16	-22.39	001.03	2
002	Protein (%)	0943	19.145	0.41000	20.589	0.35412	0.19267	57	-4.08	002.05	0
002	Protein (%)	0870	19.641	0.91000	20.589	0.35412	0.19267	57	-2.68	002.01	0
002	Protein (%)	0051	20.000	0.00000	20.589	0.35412	0.19267	57	-1.66	002.06	0
002	Protein (%)	0202	20.045	0.05000	20.589	0.35412	0.19267	57	-1.54	002.06	0
002	Protein (%)	0504	20.100	0.26000	20.589	0.35412	0.19267	57	-1.38	002.04	0
002	Protein (%)	0047	20.100	0.20000	20.589	0.35412	0.19267	57	-1.38	002.06	0
002	Protein (%)	0208	20.200	0.20000	20.589	0.35412	0.19267	57	-1.10	002.08	0
002	Protein (%)	0164	20.260	0.04000	20.589	0.35412	0.19267	57	-0.93	002.06	0
002	Protein (%)	0017	20.270	0.10000	20.589	0.35412	0.19267	57	-0.90	002.06	0
002	Protein (%)	0957	20.280	0.16000	20.589	0.35412	0.19267	57	-0.87	002.06	0
002	Protein (%)	2062	20.283	0.07700	20.589	0.35412	0.19267	57	-0.86	002.05	0
002	Protein (%)	0407	20.296	0.00900	20.589	0.35412	0.19267	57	-0.83	002.06	0
002	Protein (%)	0512	20.315	0.05000	20.589	0.35412	0.19267	57	-0.77	002.06	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 (%)	0027	20.321	0.03600	20.589	0.35412	0.19267	57	-0.76	002.06	0
002	Protein (%)	0015	20.325	0.29000	20.589	0.35412	0.19267	57	-0.75	002.05	0
002	Protein (%)	0613	20.330	0.12000	20.589	0.35412	0.19267	57	-0.73	002.06	0
002	Protein (%)	2122	20.375	0.13000	20.589	0.35412	0.19267	57	-0.60	002.04	0
002	Protein (%)	0074	20.390	0.88000	20.589	0.35412	0.19267	57	-0.56	002.06	0
002	Protein (%)	2124	20.402	0.01100	20.589	0.35412	0.19267	57	-0.53	002.06	0
002	Protein (%)	2023	20.425	0.09000	20.589	0.35412	0.19267	57	-0.46	002.01	0
002	Protein (%)	2058	20.470	0.02000	20.589	0.35412	0.19267	57	-0.34	002.04	0
002	Protein (%)	0970	20.500	1.0000	20.589	0.35412	0.19267	57	-0.25	002.99	0
002	Protein (%)	0208	20.505	0.09000	20.589	0.35412	0.19267	57	-0.24	002.06	0
002	Protein (%)	2023	20.530	0.06000	20.589	0.35412	0.19267	57	-0.17	002.06	0
002	Protein (%)	0960	20.545	0.51000	20.589	0.35412	0.19267	57	-0.12	002.06	0
002	Protein (%)	2050	20.550	0.02000	20.589	0.35412	0.19267	57	-0.11	002.06	0
002	Protein (%)	2058	20.560	0.00000	20.589	0.35412	0.19267	57	-0.08	002.06	0
002	Protein (%)	0034	20.563	0.24600	20.589	0.35412	0.19267	57	-0.07	002.06	0
002	Protein (%)	0042	20.580	0.16000	20.589	0.35412	0.19267	57	-0.03	002.02	0
002	Protein (%)	0164	20.600	0.08000	20.589	0.35412	0.19267	57	0.03	002.01	0
002	Protein (%)	2004	20.650	0.10000	20.589	0.35412	0.19267	57	0.17	002.99	0
002	Protein (%)	2115	20.655	0.01000	20.589	0.35412	0.19267	57	0.19	002.05	0
002	Protein (%)	0171	20.660	0.04000	20.589	0.35412	0.19267	57	0.20	002.06	0
002	Protein (%)	2089	20.670	0.10000	20.589	0.35412	0.19267	57	0.23	002.06	0
002	Protein (%)	0504	20.700	0.18000	20.589	0.35412	0.19267	57	0.31	002.06	0
002	Protein (%)	0553	20.700	0.40000	20.589	0.35412	0.19267	57	0.31	002.06	0
002	Protein (%)	0003	20.720	0.04000	20.589	0.35412	0.19267	57	0.37	002.06	0
002	Protein (%)	0035	20.720	0.08000	20.589	0.35412	0.19267	57	0.37	002.06	0
002	Protein (%)	0014	20.750	0.10000	20.589	0.35412	0.19267	57	0.45	002.06	0
002	Protein (%)	0033	20.750	0.10000	20.589	0.35412	0.19267	57	0.45	002.06	0
002	Protein (%)	0959	20.760	0.22000	20.589	0.35412	0.19267	57	0.48	002.06	0
002	Protein (%)	0001	20.775	0.27000	20.589	0.35412	0.19267	57	0.52	002.06	0
002	Protein (%)	0808	20.775	0.05000	20.589	0.35412	0.19267	57	0.52	002.06	0
002	Protein (%)	0098	20.850	0.50000	20.589	0.35412	0.19267	57	0.74	002.06	0
002	Protein (%)	0969	20.850	0.10000	20.589	0.35412	0.19267	57	0.74	002.99	0
002	Protein (%)	0042	20.870	0.18000	20.589	0.35412	0.19267	57	0.79	002.06	0
002	Protein (%)	2016	20.895	0.09000	20.589	0.35412	0.19267	57	0.86	002.06	0
002	Protein (%)	0510	20.900	0.20000	20.589	0.35412	0.19267	57	0.88	002.06	0
002	Protein (%)	2033	20.940	0.06000	20.589	0.35412	0.19267	57	0.99	002.06	0
002	Protein (%)	0309	20.997	0.34100	20.589	0.35412	0.19267	57	1.15	002.06	0
002	Protein (%)	0508	21.011	0.71100	20.589	0.35412	0.19267	57	1.19	002.06	0
002	Protein (%)	0845	21.075	0.13000	20.589	0.35412	0.19267	57	1.37	002.00	0
002	Protein (%)	0650	21.180	0.16000	20.589	0.35412	0.19267	57	1.67	002.06	0
002	Protein (%)	0026	21.321	0.15100	20.589	0.35412	0.19267	57	2.07	002.06	0
002	Protein (%)	0511	21.670	0.06000	20.589	0.35412	0.19267	57	3.05	002.06	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 (%)	0613	21.985	0.23000	20.589	0.35412	0.19267	57	3.94	002.11	0
002	Protein (%)	0876	22.175	0.17000	20.589	0.35412	0.19267	57	4.48	002.06	0
002	Protein (%)	0098	19.135	1.4700	20.589	0.35412	0.19267	57	-4.11	002.08	1
003	Fat (%)	0870	13.146	0.03310	13.962	0.43947	0.17761	34	-1.86	003.10	0
003	Fat (%)	0051	13.250	0.30000	13.962	0.43947	0.17761	34	-1.62	003.10	0
003	Fat (%)	0047	13.455	0.01000	13.962	0.43947	0.17761	34	-1.15	003.99	0
003	Fat (%)	0553	13.485	0.11000	13.962	0.43947	0.17761	34	-1.08	003.10	0
003	Fat (%)	2115	13.500	0.16000	13.962	0.43947	0.17761	34	-1.05	003.00	0
003	Fat (%)	0202	13.560	0.00000	13.962	0.43947	0.17761	34	-0.91	003.14	0
003	Fat (%)	0098	13.565	0.11000	13.962	0.43947	0.17761	34	-0.90	003.10	0
003	Fat (%)	0613	13.575	0.01000	13.962	0.43947	0.17761	34	-0.88	003.14	0
003	Fat (%)	0034	13.620	0.46000	13.962	0.43947	0.17761	34	-0.78	003.14	0
003	Fat (%)	0033	13.650	0.30000	13.962	0.43947	0.17761	34	-0.71	003.13	0
003	Fat (%)	0876	13.705	0.09000	13.962	0.43947	0.17761	34	-0.58	003.00	0
003	Fat (%)	2124	13.760	0.02340	13.962	0.43947	0.17761	34	-0.46	003.10	0
003	Fat (%)	0098	13.795	0.01000	13.962	0.43947	0.17761	34	-0.38	003.13	0
003	Fat (%)	0504	13.800	0.74000	13.962	0.43947	0.17761	34	-0.37	003.01	0
003	Fat (%)	0003	13.840	0.24000	13.962	0.43947	0.17761	34	-0.28	003.14	0
003	Fat (%)	0017	13.915	0.09000	13.962	0.43947	0.17761	34	-0.11	003.00	0
003	Fat (%)	2033	14.000	0.00000	13.962	0.43947	0.17761	34	0.09	003.06	0
003	Fat (%)	0098	14.045	0.15000	13.962	0.43947	0.17761	34	0.19	003.09	0
003	Fat (%)	0164	14.050	0.28000	13.962	0.43947	0.17761	34	0.20	003.06	0
003	Fat (%)	0027	14.055	0.03000	13.962	0.43947	0.17761	34	0.21	003.09	0
003	Fat (%)	2062	14.105	0.19000	13.962	0.43947	0.17761	34	0.33	003.12	0
003	Fat (%)	0512	14.145	0.19000	13.962	0.43947	0.17761	34	0.42	003.09	0
003	Fat (%)	0510	14.150	0.10000	13.962	0.43947	0.17761	34	0.43	003.09	0
003	Fat (%)	0407	14.158	0.28400	13.962	0.43947	0.17761	34	0.45	003.14	0
003	Fat (%)	2089	14.195	0.89000	13.962	0.43947	0.17761	34	0.53	003.10	0
003	Fat (%)	0309	14.213	0.07810	13.962	0.43947	0.17761	34	0.57	003.00	0
003	Fat (%)	0511	14.235	0.33000	13.962	0.43947	0.17761	34	0.62	003.06	0
003	Fat (%)	0015	14.260	0.00000	13.962	0.43947	0.17761	34	0.68	003.14	0
003	Fat (%)	0171	14.380	0.06000	13.962	0.43947	0.17761	34	0.95	003.12	0
003	Fat (%)	0026	14.390	0.02000	13.962	0.43947	0.17761	34	0.97	003.00	0
003	Fat (%)	0035	14.790	0.48000	13.962	0.43947	0.17761	34	1.89	003.00	0
003	Fat (%)	2033	14.900	0.20000	13.962	0.43947	0.17761	34	2.14	003.00	0
003	Fat (%)	2058	16.310	0.02000	13.962	0.43947	0.17761	34	5.34	003.14	0
003	Fat (%)	2058	16.405	0.05000	13.962	0.43947	0.17761	34	5.56	003.00	0
003	Fat (%)	0074	14.680	1.1200	13.962	0.43947	0.17761	34	1.63	003.06	1
004	Fiber (%)	2089	28.795	0.97000	36.665	1.8615	0.48285	37	-4.23	004.03	0
004	Fiber (%)	2058	32.625	0.07000	36.665	1.8615	0.48285	37	-2.17	004.07	0
004	Fiber (%)	0510	34.450	0.30000	36.665	1.8615	0.48285	37	-1.19	004.07	0
004	Fiber (%)	0035	34.715	1.5300	36.665	1.8615	0.48285	37	-1.05	004.07	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			
004	Fiber (%)	0969	35.000	0.20000	36.665	1.8615	0.48285	37	-0.89	004.00	0
004	Fiber (%)	2058	35.045	0.03000	36.665	1.8615	0.48285	37	-0.87	004.03	0
004	Fiber (%)	2115	35.455	0.07000	36.665	1.8615	0.48285	37	-0.65	004.06	0
004	Fiber (%)	0026	35.455	0.13000	36.665	1.8615	0.48285	37	-0.65	004.07	0
004	Fiber (%)	0027	35.515	0.37000	36.665	1.8615	0.48285	37	-0.62	004.06	0
004	Fiber (%)	0074	35.520	0.68000	36.665	1.8615	0.48285	37	-0.61	004.07	0
004	Fiber (%)	2004	35.650	0.30000	36.665	1.8615	0.48285	37	-0.55	004.00	0
004	Fiber (%)	0098	35.675	0.65000	36.665	1.8615	0.48285	37	-0.53	004.06	0
004	Fiber (%)	2062	35.720	0.38000	36.665	1.8615	0.48285	37	-0.51	004.06	0
004	Fiber (%)	0208	35.800	0.80000	36.665	1.8615	0.48285	37	-0.46	004.00	0
004	Fiber (%)	2033	35.900	0.30000	36.665	1.8615	0.48285	37	-0.41	004.03	0
004	Fiber (%)	0003	35.910	0.00000	36.665	1.8615	0.48285	37	-0.41	004.07	0
004	Fiber (%)	2023	35.915	0.23000	36.665	1.8615	0.48285	37	-0.40	004.00	0
004	Fiber (%)	0164	36.000	0.40000	36.665	1.8615	0.48285	37	-0.36	004.00	0
004	Fiber (%)	0511	36.400	0.00000	36.665	1.8615	0.48285	37	-0.14	004.00	0
004	Fiber (%)	0504	36.465	0.43000	36.665	1.8615	0.48285	37	-0.11	004.00	0
004	Fiber (%)	0407	36.488	0.35220	36.665	1.8615	0.48285	37	-0.09	004.07	0
004	Fiber (%)	0309	36.758	0.13430	36.665	1.8615	0.48285	37	0.05	004.00	0
004	Fiber (%)	0098	36.765	0.83000	36.665	1.8615	0.48285	37	0.05	004.07	0
004	Fiber (%)	0512	37.005	0.63000	36.665	1.8615	0.48285	37	0.18	004.06	0
004	Fiber (%)	0876	37.100	0.40000	36.665	1.8615	0.48285	37	0.23	004.07	0
004	Fiber (%)	0033	37.200	0.60000	36.665	1.8615	0.48285	37	0.29	004.07	0
004	Fiber (%)	0042	37.770	1.1600	36.665	1.8615	0.48285	37	0.59	004.07	0
004	Fiber (%)	0034	38.075	0.29000	36.665	1.8615	0.48285	37	0.76	004.07	0
004	Fiber (%)	0202	38.120	0.24000	36.665	1.8615	0.48285	37	0.78	004.07	0
004	Fiber (%)	0870	38.205	0.23030	36.665	1.8615	0.48285	37	0.83	004.07	0
004	Fiber (%)	2125	38.605	1.0100	36.665	1.8615	0.48285	37	1.04	004.07	0
004	Fiber (%)	0613	39.080	0.36000	36.665	1.8615	0.48285	37	1.30	004.07	0
004	Fiber (%)	0943	39.255	0.65000	36.665	1.8615	0.48285	37	1.39	004.00	0
004	Fiber (%)	0171	40.065	0.41000	36.665	1.8615	0.48285	37	1.83	004.00	0
004	Fiber (%)	2124	40.944	0.66860	36.665	1.8615	0.48285	37	2.30	004.07	0
004	Fiber (%)	0845	40.945	1.1900	36.665	1.8615	0.48285	37	2.30	004.06	0
004	Fiber (%)	0017	41.565	0.87000	36.665	1.8615	0.48285	37	2.63	004.00	0
004	Fiber (%)	0553	35.400	3.6800	36.665	1.8615	0.48285	37	-0.68	004.07	1
004	Fiber (%)	0613	8.7650	0.07000	36.665	1.8615	0.48285	37	-14.99	004.11	2
005	Ash (%)	0026	3.2300	0.04000	3.3807	0.06322	0.03677	44	-2.38	005.00	0
005	Ash (%)	0034	3.2345	0.03620	3.3807	0.06322	0.03677	44	-2.31	005.00	0
005	Ash (%)	0202	3.2500	0.00000	3.3807	0.06322	0.03677	44	-2.07	005.99	0
005	Ash (%)	2050	3.2650	0.13000	3.3807	0.06322	0.03677	44	-1.83	005.00	0
005	Ash (%)	0042	3.2800	0.06000	3.3807	0.06322	0.03677	44	-1.59	005.00	0
005	Ash (%)	0957	3.2850	0.11000	3.3807	0.06322	0.03677	44	-1.51	005.00	0
005	Ash (%)	0001	3.2926	0.01720	3.3807	0.06322	0.03677	44	-1.39	005.00	0

Method Group	Analyte Group (Units)	Lab Code	Lab Data		Method Values				AAFCS Z Score	Your Method	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
005	Ash (%)	0208	3.3100	0.04000	3.3807	0.06322	0.03677	44	-1.12	005.00	0
005	Ash (%)	0098	3.3250	0.05000	3.3807	0.06322	0.03677	44	-0.88	005.00	0
005	Ash (%)	2004	3.3300	0.14000	3.3807	0.06322	0.03677	44	-0.80	005.99	0
005	Ash (%)	0960	3.3450	0.03000	3.3807	0.06322	0.03677	44	-0.56	005.00	0
005	Ash (%)	0051	3.3500	0.10000	3.3807	0.06322	0.03677	44	-0.49	005.00	0
005	Ash (%)	2089	3.3550	0.03000	3.3807	0.06322	0.03677	44	-0.41	005.00	0
005	Ash (%)	0017	3.3650	0.09000	3.3807	0.06322	0.03677	44	-0.25	005.00	0
005	Ash (%)	0613	3.3700	0.02000	3.3807	0.06322	0.03677	44	-0.17	005.99	0
005	Ash (%)	0309	3.3720	0.02200	3.3807	0.06322	0.03677	44	-0.14	005.00	0
005	Ash (%)	2115	3.3750	0.05000	3.3807	0.06322	0.03677	44	-0.09	005.00	0
005	Ash (%)	0650	3.3800	0.10000	3.3807	0.06322	0.03677	44	-0.01	005.00	0
005	Ash (%)	0870	3.3814	0.02590	3.3807	0.06322	0.03677	44	0.01	005.00	0
005	Ash (%)	0027	3.3835	0.01500	3.3807	0.06322	0.03677	44	0.04	005.00	0
005	Ash (%)	0035	3.3850	0.01000	3.3807	0.06322	0.03677	44	0.07	005.00	0
005	Ash (%)	0969	3.3850	0.01000	3.3807	0.06322	0.03677	44	0.07	005.99	0
005	Ash (%)	0033	3.3900	0.00000	3.3807	0.06322	0.03677	44	0.15	005.00	0
005	Ash (%)	0504	3.3950	0.05000	3.3807	0.06322	0.03677	44	0.23	005.00	0
005	Ash (%)	0511	3.3950	0.01000	3.3807	0.06322	0.03677	44	0.23	005.00	0
005	Ash (%)	0959	3.3950	0.03000	3.3807	0.06322	0.03677	44	0.23	005.00	0
005	Ash (%)	0047	3.4000	0.00000	3.3807	0.06322	0.03677	44	0.31	005.00	0
005	Ash (%)	0970	3.4050	0.01000	3.3807	0.06322	0.03677	44	0.38	005.99	0
005	Ash (%)	0808	3.4100	0.04000	3.3807	0.06322	0.03677	44	0.46	005.00	0
005	Ash (%)	0876	3.4100	0.04000	3.3807	0.06322	0.03677	44	0.46	005.00	0
005	Ash (%)	2124	3.4110	0.01010	3.3807	0.06322	0.03677	44	0.48	005.05	0
005	Ash (%)	0845	3.4150	0.03000	3.3807	0.06322	0.03677	44	0.54	005.00	0
005	Ash (%)	0845	3.4150	0.03000	3.3807	0.06322	0.03677	44	0.54	005.05	0
005	Ash (%)	0407	3.4173	0.04820	3.3807	0.06322	0.03677	44	0.58	005.00	0
005	Ash (%)	0164	3.4200	0.02000	3.3807	0.06322	0.03677	44	0.62	005.00	0
005	Ash (%)	0914	3.4200	0.02000	3.3807	0.06322	0.03677	44	0.62	005.99	0
005	Ash (%)	0553	3.4300	0.04000	3.3807	0.06322	0.03677	44	0.78	005.00	0
005	Ash (%)	2062	3.4306	0.00320	3.3807	0.06322	0.03677	44	0.79	005.05	0
005	Ash (%)	0943	3.4350	0.01000	3.3807	0.06322	0.03677	44	0.86	005.00	0
005	Ash (%)	2033	3.4350	0.01000	3.3807	0.06322	0.03677	44	0.86	005.00	0
005	Ash (%)	2023	3.4850	0.01000	3.3807	0.06322	0.03677	44	1.65	005.99	0
005	Ash (%)	0171	3.5050	0.01000	3.3807	0.06322	0.03677	44	1.97	005.00	0
005	Ash (%)	2058	3.5400	0.02000	3.3807	0.06322	0.03677	44	2.52	005.05	0
005	Ash (%)	0510	3.6950	0.05000	3.3807	0.06322	0.03677	44	4.97	005.00	0
005	Ash (%)	0015	3.1950	0.45000	3.3807	0.06322	0.03677	44	-2.94	005.00	1
005	Ash (%)	0613	6.9950	0.29000	3.3807	0.06322	0.03677	44	57.17	005.11	2
006	Total sugars (%)	0970	0.71100	0.01000	0.80533	0.09450	0.01150	4	-1.00	006.99	0
006	Total sugars (%)	2004	0.80500	0.01600	0.80533	0.09450	0.01150	4	0.00	006.99	0
006	Total sugars (%)	0969	0.90000	0.00000	0.80533	0.09450	0.01150	4	1.00	006.99	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			
006	Total sugars (%)	0407	1.9600	0.02000	0.80533	0.09450	0.01150	4	12.22	006.01	0
008	Fiber (%)	0035	38.735	0.09000	42.637	2.9207	0.68230	15	-1.34	008.08	0
008	Fiber (%)	2004	39.350	0.30000	42.637	2.9207	0.68230	15	-1.13	008.08	0
008	Fiber (%)	0164	40.500	0.60000	42.637	2.9207	0.68230	15	-0.73	008.08	0
008	Fiber (%)	0098	40.805	0.35000	42.637	2.9207	0.68230	15	-0.63	008.02	0
008	Fiber (%)	0309	41.680	0.04500	42.637	2.9207	0.68230	15	-0.33	008.02	0
008	Fiber (%)	0035	41.685	0.13000	42.637	2.9207	0.68230	15	-0.33	008.99	0
008	Fiber (%)	0613	42.020	2.2200	42.637	2.9207	0.68230	15	-0.21	008.99	0
008	Fiber (%)	0026	42.150	0.24000	42.637	2.9207	0.68230	15	-0.17	008.08	0
008	Fiber (%)	0208	42.200	0.20000	42.637	2.9207	0.68230	15	-0.15	008.02	0
008	Fiber (%)	0870	42.489	1.8971	42.637	2.9207	0.68230	15	-0.05	008.08	0
008	Fiber (%)	0407	42.871	0.80240	42.637	2.9207	0.68230	15	0.08	008.08	0
008	Fiber (%)	0504	44.735	1.5100	42.637	2.9207	0.68230	15	0.72	008.02	0
008	Fiber (%)	0613	46.300	1.4400	42.637	2.9207	0.68230	15	1.25	008.08	0
008	Fiber (%)	0034	47.905	0.41000	42.637	2.9207	0.68230	15	1.80	008.08	0
008	Fiber (%)	2115	51.020	0.00000	42.637	2.9207	0.68230	15	2.87	008.02	0
009	Fiber (%)	2115	43.230	0.32000	50.024	3.8669	0.64897	12	-1.76	009.07	0
009	Fiber (%)	0098	46.400	0.80000	50.024	3.8669	0.64897	12	-0.94	009.07	0
009	Fiber (%)	0164	46.800	0.20000	50.024	3.8669	0.64897	12	-0.83	009.09	0
009	Fiber (%)	2004	46.800	0.60000	50.024	3.8669	0.64897	12	-0.83	009.09	0
009	Fiber (%)	0613	49.530	2.3000	50.024	3.8669	0.64897	12	-0.13	009.09	0
009	Fiber (%)	0407	49.822	0.12800	50.024	3.8669	0.64897	12	-0.05	009.09	0
009	Fiber (%)	0504	50.990	0.38000	50.024	3.8669	0.64897	12	0.25	009.04	0
009	Fiber (%)	0309	51.341	0.20800	50.024	3.8669	0.64897	12	0.34	009.07	0
009	Fiber (%)	0870	52.069	1.6616	50.024	3.8669	0.64897	12	0.53	009.09	0
009	Fiber (%)	0613	52.640	0.22000	50.024	3.8669	0.64897	12	0.68	009.99	0
009	Fiber (%)	0034	54.725	0.47000	50.024	3.8669	0.64897	12	1.22	009.09	0
009	Fiber (%)	0208	54.950	0.50000	50.024	3.8669	0.64897	12	1.27	009.07	0
010	Moisture (%)	0969	5.2100	0.18000	5.8797	0.62846	0.26556	9	-1.07	010.99	0
010	Moisture (%)	0208	5.3800	0.14000	5.8797	0.62846	0.26556	9	-0.80	010.03	0
010	Moisture (%)	0970	5.4350	0.05000	5.8797	0.62846	0.26556	9	-0.71	010.99	0
010	Moisture (%)	2004	5.5250	0.03000	5.8797	0.62846	0.26556	9	-0.56	010.99	0
010	Moisture (%)	0164	5.7200	0.06000	5.8797	0.62846	0.26556	9	-0.25	010.03	0
010	Moisture (%)	2089	6.1600	0.74000	5.8797	0.62846	0.26556	9	0.45	010.99	0
010	Moisture (%)	0943	6.2050	0.15000	5.8797	0.62846	0.26556	9	0.52	010.99	0
010	Moisture (%)	2122	6.4600	0.14000	5.8797	0.62846	0.26556	9	0.92	010.99	0
010	Moisture (%)	0555	11.250	0.90000	5.8797	0.62846	0.26556	9	8.55	010.99	0
011	Loss on Drying (%)	0808	5.9300	0.04000	6.5910	0.40910	0.18756	25	-1.62	011.03	0
011	Loss on Drying (%)	2083	5.9530	0.42000	6.5910	0.40910	0.18756	25	-1.56	011.02	0
011	Loss on Drying (%)	2016	5.9800	0.64000	6.5910	0.40910	0.18756	25	-1.49	011.01	0
011	Loss on Drying (%)	0960	6.1350	0.15000	6.5910	0.40910	0.18756	25	-1.11	011.01	0
011	Loss on Drying (%)	0870	6.2762	0.19950	6.5910	0.40910	0.18756	25	-0.77	011.01	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			
011	Loss on Drying (%)	0208	6.3200	0.32000	6.5910	0.40910	0.18756	25	-0.66	011.01	0
011	Loss on Drying (%)	0650	6.3800	0.24000	6.5910	0.40910	0.18756	25	-0.52	011.01	0
011	Loss on Drying (%)	0407	6.3888	0.00960	6.5910	0.40910	0.18756	25	-0.49	011.01	0
011	Loss on Drying (%)	0957	6.4050	0.53000	6.5910	0.40910	0.18756	25	-0.45	011.01	0
011	Loss on Drying (%)	0511	6.5050	0.17000	6.5910	0.40910	0.18756	25	-0.21	011.01	0
011	Loss on Drying (%)	0051	6.5300	0.34000	6.5910	0.40910	0.18756	25	-0.15	011.01	0
011	Loss on Drying (%)	0164	6.5950	0.07000	6.5910	0.40910	0.18756	25	0.01	011.01	0
011	Loss on Drying (%)	0033	6.6100	0.02000	6.5910	0.40910	0.18756	25	0.05	011.01	0
011	Loss on Drying (%)	0026	6.6300	0.22000	6.5910	0.40910	0.18756	25	0.10	011.01	0
011	Loss on Drying (%)	0098	6.6900	0.10000	6.5910	0.40910	0.18756	25	0.24	011.01	0
011	Loss on Drying (%)	0171	6.6900	0.08000	6.5910	0.40910	0.18756	25	0.24	011.01	0
011	Loss on Drying (%)	0553	6.7750	0.19000	6.5910	0.40910	0.18756	25	0.45	011.01	0
011	Loss on Drying (%)	0202	6.8250	0.05000	6.5910	0.40910	0.18756	25	0.57	011.01	0
011	Loss on Drying (%)	0510	6.8500	0.10000	6.5910	0.40910	0.18756	25	0.63	011.01	0
011	Loss on Drying (%)	0876	6.8650	0.05000	6.5910	0.40910	0.18756	25	0.67	011.01	0
011	Loss on Drying (%)	0959	6.8950	0.07000	6.5910	0.40910	0.18756	25	0.74	011.01	0
011	Loss on Drying (%)	2023	6.9850	0.15000	6.5910	0.40910	0.18756	25	0.96	011.02	0
011	Loss on Drying (%)	2058	7.1250	0.33000	6.5910	0.40910	0.18756	25	1.31	011.01	0
011	Loss on Drying (%)	0309	7.1600	0.00000	6.5910	0.40910	0.18756	25	1.39	011.01	0
011	Loss on Drying (%)	0047	8.9000	0.20000	6.5910	0.40910	0.18756	25	5.64	011.01	0
012	Starch (%)	0613	0.36500	0.05000	0.50595	0.13321	0.03832	5	-1.06	012.01	0
012	Starch (%)	2089	0.42500	0.03000	0.50595	0.13321	0.03832	5	-0.61	012.02	0
012	Starch (%)	0407	0.58380	0.01160	0.50595	0.13321	0.03832	5	0.58	012.03	0
012	Starch (%)	0164	0.65000	0.10000	0.50595	0.13321	0.03832	5	1.08	012.01	0
012	Starch (%)	2023	2.3000	0.00000	0.50595	0.13321	0.03832	5	13.47	012.00	0
012	Starch (%)	0098	0.83000	0.30000	0.50595	0.13321	0.03832	5	2.43	012.03	1
013	Fat (%)	0504	14.900	0.66000	16.438	0.68779	0.32107	26	-2.24	013.00	0
013	Fat (%)	0808	15.305	0.03000	16.438	0.68779	0.32107	26	-1.65	013.02	0
013	Fat (%)	0969	15.550	0.10000	16.438	0.68779	0.32107	26	-1.29	013.00	0
013	Fat (%)	2004	15.900	0.20000	16.438	0.68779	0.32107	26	-0.78	013.00	0
013	Fat (%)	0171	15.905	0.23000	16.438	0.68779	0.32107	26	-0.78	013.02	0
013	Fat (%)	0027	15.931	0.00830	16.438	0.68779	0.32107	26	-0.74	013.13	0
013	Fat (%)	0970	16.070	0.12000	16.438	0.68779	0.32107	26	-0.54	013.00	0
013	Fat (%)	0870	16.071	0.26300	16.438	0.68779	0.32107	26	-0.53	013.02	0
013	Fat (%)	0957	16.120	0.28000	16.438	0.68779	0.32107	26	-0.46	013.02	0
013	Fat (%)	0208	16.150	0.30000	16.438	0.68779	0.32107	26	-0.42	013.02	0
013	Fat (%)	0051	16.200	1.4000	16.438	0.68779	0.32107	26	-0.35	013.02	0
013	Fat (%)	0943	16.300	0.00000	16.438	0.68779	0.32107	26	-0.20	013.02	0
013	Fat (%)	0845	16.315	0.77000	16.438	0.68779	0.32107	26	-0.18	013.10	0
013	Fat (%)	0555	16.500	0.40000	16.438	0.68779	0.32107	26	0.09	013.00	0
013	Fat (%)	2023	16.525	0.45000	16.438	0.68779	0.32107	26	0.13	013.00	0
013	Fat (%)	0164	16.610	0.14000	16.438	0.68779	0.32107	26	0.25	013.02	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 (%)	0960	16.610	0.02000	16.438	0.68779	0.32107	26	0.25	013.02	0
013	Fat (%)	2058	16.630	0.52000	16.438	0.68779	0.32107	26	0.28	013.02	0
013	Fat (%)	0098	16.710	0.12000	16.438	0.68779	0.32107	26	0.39	013.00	0
013	Fat (%)	0959	16.745	1.3700	16.438	0.68779	0.32107	26	0.45	013.02	0
013	Fat (%)	2058	16.850	0.04000	16.438	0.68779	0.32107	26	0.60	013.13	0
013	Fat (%)	0202	17.265	0.09000	16.438	0.68779	0.32107	26	1.20	013.00	0
013	Fat (%)	0650	17.275	0.29000	16.438	0.68779	0.32107	26	1.22	013.02	0
013	Fat (%)	0001	17.411	0.19820	16.438	0.68779	0.32107	26	1.41	013.02	0
013	Fat (%)	0309	17.916	0.24830	16.438	0.68779	0.32107	26	2.15	013.00	0
013	Fat (%)	0553	18.260	0.10000	16.438	0.68779	0.32107	26	2.65	013.02	0
013	Fat (%)	2016	15.270	2.2400	16.438	0.68779	0.32107	26	-1.70	013.00	1
013	Fat (%)	0613	27.270	0.02000	16.438	0.68779	0.32107	26	15.75	013.12	2
014	Fiber, total dietary TDF (%)	0164	51.800	0.60000				1		014.99	0
015	Aluminum (mg / kg (ppm))	0510	48.000	2.0000	67.063	19.015	5.4250	4	-1.00	015.43	0
015	Aluminum (mg / kg (ppm))	0171	55.250	3.5000	67.063	19.015	5.4250	4	-0.62	015.41	0
015	Aluminum (mg / kg (ppm))	2033	75.250	5.7000	67.063	19.015	5.4250	4	0.43	015.43	0
015	Aluminum (mg / kg (ppm))	0553	89.750	10.500	67.063	19.015	5.4250	4	1.19	015.53	0
017	Boron (mg / kg (ppm))	0510	12.000	0.00000				2		017.43	0
017	Boron (mg / kg (ppm))	0508	23.466	7.2240				2		017.43	0
019	Calcium (%)	0047	0.12500	0.01000	0.16144	0.01396	0.00772	40	-2.61	019.52	0
019	Calcium (%)	0870	0.13910	0.00180	0.16144	0.01396	0.00772	40	-1.60	019.42	0
019	Calcium (%)	0026	0.14055	0.00110	0.16144	0.01396	0.00772	40	-1.50	019.42	0
019	Calcium (%)	2062	0.14600	0.00440	0.16144	0.01396	0.00772	40	-1.11	019.00	0
019	Calcium (%)	2023	0.14750	0.00500	0.16144	0.01396	0.00772	40	-1.00	019.43	0
019	Calcium (%)	0164	0.14900	0.00400	0.16144	0.01396	0.00772	40	-0.89	019.41	0
019	Calcium (%)	0555	0.15000	0.00000	0.16144	0.01396	0.00772	40	-0.82	019.42	0
019	Calcium (%)	0208	0.15150	0.00500	0.16144	0.01396	0.00772	40	-0.71	019.41	0
019	Calcium (%)	2004	0.15300	0.00800	0.16144	0.01396	0.00772	40	-0.60	019.44	0
019	Calcium (%)	0208	0.15400	0.06000	0.16144	0.01396	0.00772	40	-0.53	019.31	0
019	Calcium (%)	0051	0.15415	0.00750	0.16144	0.01396	0.00772	40	-0.52	019.41	0
019	Calcium (%)	0074	0.15500	0.01000	0.16144	0.01396	0.00772	40	-0.46	019.41	0
019	Calcium (%)	0098	0.15500	0.01000	0.16144	0.01396	0.00772	40	-0.46	019.41	0
019	Calcium (%)	0171	0.15500	0.01000	0.16144	0.01396	0.00772	40	-0.46	019.41	0
019	Calcium (%)	0511	0.15500	0.01000	0.16144	0.01396	0.00772	40	-0.46	019.41	0
019	Calcium (%)	0613	0.15500	0.01000	0.16144	0.01396	0.00772	40	-0.46	019.42	0
019	Calcium (%)	0510	0.15500	0.01000	0.16144	0.01396	0.00772	40	-0.46	019.43	0
019	Calcium (%)	0042	0.15550	0.00300	0.16144	0.01396	0.00772	40	-0.43	019.42	0
019	Calcium (%)	2058	0.15600	0.00800	0.16144	0.01396	0.00772	40	-0.39	019.43	0
019	Calcium (%)	0035	0.16000	0.00000	0.16144	0.01396	0.00772	40	-0.10	019.42	0
019	Calcium (%)	0970	0.16000	0.00000	0.16144	0.01396	0.00772	40	-0.10	019.44	0
019	Calcium (%)	0034	0.16085	0.00810	0.16144	0.01396	0.00772	40	-0.04	019.43	0
019	Calcium (%)	2124	0.16105	0.00090	0.16144	0.01396	0.00772	40	-0.03	019.43	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 (%)	0512	0.16180	0.00220	0.16144	0.01396	0.00772	40	0.03	019.41	0
019	Calcium (%)	0650	0.16400	0.00800	0.16144	0.01396	0.00772	40	0.18	019.31	0
019	Calcium (%)	0017	0.16450	0.00900	0.16144	0.01396	0.00772	40	0.22	019.43	0
019	Calcium (%)	0033	0.16500	0.01000	0.16144	0.01396	0.00772	40	0.26	019.43	0
019	Calcium (%)	0014	0.16950	0.00100	0.16144	0.01396	0.00772	40	0.58	019.31	0
019	Calcium (%)	0035	0.17000	0.00000	0.16144	0.01396	0.00772	40	0.61	019.32	0
019	Calcium (%)	0202	0.17000	0.00000	0.16144	0.01396	0.00772	40	0.61	019.42	0
019	Calcium (%)	0098	0.17000	0.00000	0.16144	0.01396	0.00772	40	0.61	019.43	0
019	Calcium (%)	0407	0.17135	0.00050	0.16144	0.01396	0.00772	40	0.71	019.41	0
019	Calcium (%)	0553	0.17500	0.00200	0.16144	0.01396	0.00772	40	0.97	019.53	0
019	Calcium (%)	2122	0.17690	0.02080	0.16144	0.01396	0.00772	40	1.11	019.44	0
019	Calcium (%)	0508	0.17740	0.01580	0.16144	0.01396	0.00772	40	1.14	019.43	0
019	Calcium (%)	2114	0.19050	0.00260	0.16144	0.01396	0.00772	40	2.08	019.44	0
019	Calcium (%)	0003	0.19500	0.03000	0.16144	0.01396	0.00772	40	2.40	019.41	0
019	Calcium (%)	2115	0.20500	0.01000	0.16144	0.01396	0.00772	40	3.12	019.00	0
019	Calcium (%)	2089	0.21000	0.00000	0.16144	0.01396	0.00772	40	3.48	019.41	0
019	Calcium (%)	0027	0.22100	0.01000	0.16144	0.01396	0.00772	40	4.27	019.43	0
019	Calcium (%)	0969	1,505.0	10.000	0.16144	0.01396	0.00772	40	107810.04	019.44	1
019	Calcium (%)	2033	1,608.0	10.000	0.16144	0.01396	0.00772	40	115189.20	019.43	1
021	Cobalt (mg / kg (ppm))	0555	0.16500	0.01000	0.26717	0.09034	0.01403	4	-1.13	021.52	0
021	Cobalt (mg / kg (ppm))	0508	0.17565	0.04310	0.26717	0.09034	0.01403	4	-1.01	021.43	0
021	Cobalt (mg / kg (ppm))	0171	0.30000	0.00000	0.26717	0.09034	0.01403	4	0.36	021.41	0
021	Cobalt (mg / kg (ppm))	0553	0.33650	0.00300	0.26717	0.09034	0.01403	4	0.77	021.53	0
022	Copper (mg / kg (ppm))	0026	0.00085	0.00010	10.516	1.8110	0.71296	35	-5.81	022.42	0
022	Copper (mg / kg (ppm))	0208	6.4800	3.4200	10.516	1.8110	0.71296	35	-2.23	022.31	0
022	Copper (mg / kg (ppm))	0033	8.0250	1.9900	10.516	1.8110	0.71296	35	-1.38	022.43	0
022	Copper (mg / kg (ppm))	0017	8.0500	0.78000	10.516	1.8110	0.71296	35	-1.36	022.43	0
022	Copper (mg / kg (ppm))	0613	8.6800	1.1400	10.516	1.8110	0.71296	35	-1.01	022.42	0
022	Copper (mg / kg (ppm))	0511	9.0000	0.00000	10.516	1.8110	0.71296	35	-0.84	022.41	0
022	Copper (mg / kg (ppm))	0047	9.0050	0.33000	10.516	1.8110	0.71296	35	-0.83	022.52	0
022	Copper (mg / kg (ppm))	0208	9.5695	0.22700	10.516	1.8110	0.71296	35	-0.52	022.41	0
022	Copper (mg / kg (ppm))	2114	9.5874	0.30400	10.516	1.8110	0.71296	35	-0.51	022.44	0
022	Copper (mg / kg (ppm))	0969	9.7800	0.44000	10.516	1.8110	0.71296	35	-0.41	022.44	0
022	Copper (mg / kg (ppm))	0164	9.8000	0.20000	10.516	1.8110	0.71296	35	-0.40	022.41	0
022	Copper (mg / kg (ppm))	2004	9.8100	0.34000	10.516	1.8110	0.71296	35	-0.39	022.44	0
022	Copper (mg / kg (ppm))	0555	9.9000	0.20000	10.516	1.8110	0.71296	35	-0.34	022.42	0
022	Copper (mg / kg (ppm))	0555	9.9000	0.20000	10.516	1.8110	0.71296	35	-0.34	022.52	0
022	Copper (mg / kg (ppm))	2089	9.9800	0.32000	10.516	1.8110	0.71296	35	-0.30	022.41	0
022	Copper (mg / kg (ppm))	0510	10.000	0.00000	10.516	1.8110	0.71296	35	-0.29	022.43	0
022	Copper (mg / kg (ppm))	0098	10.080	0.38000	10.516	1.8110	0.71296	35	-0.24	022.43	0
022	Copper (mg / kg (ppm))	0098	10.105	0.27000	10.516	1.8110	0.71296	35	-0.23	022.41	0
022	Copper (mg / kg (ppm))	0970	10.350	1.3000	10.516	1.8110	0.71296	35	-0.09	022.44	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			
022	Copper (mg / kg (ppm))	0407	10.426	1.2055	10.516	1.8110	0.71296	35	-0.05	022.41	0
022	Copper (mg / kg (ppm))	0553	10.550	0.10000	10.516	1.8110	0.71296	35	0.02	022.53	0
022	Copper (mg / kg (ppm))	0870	10.600	0.72000	10.516	1.8110	0.71296	35	0.05	022.42	0
022	Copper (mg / kg (ppm))	0074	11.000	0.00000	10.516	1.8110	0.71296	35	0.27	022.41	0
022	Copper (mg / kg (ppm))	2023	11.300	0.20000	10.516	1.8110	0.71296	35	0.43	022.53	0
022	Copper (mg / kg (ppm))	0512	11.490	1.3400	10.516	1.8110	0.71296	35	0.54	022.41	0
022	Copper (mg / kg (ppm))	0171	11.600	0.20000	10.516	1.8110	0.71296	35	0.60	022.41	0
022	Copper (mg / kg (ppm))	2058	11.935	3.6300	10.516	1.8110	0.71296	35	0.78	022.43	0
022	Copper (mg / kg (ppm))	0035	12.000	0.00000	10.516	1.8110	0.71296	35	0.82	022.42	0
022	Copper (mg / kg (ppm))	0042	12.000	0.40000	10.516	1.8110	0.71296	35	0.82	022.42	0
022	Copper (mg / kg (ppm))	0508	12.454	0.26600	10.516	1.8110	0.71296	35	1.07	022.43	0
022	Copper (mg / kg (ppm))	2124	12.708	0.01090	10.516	1.8110	0.71296	35	1.21	022.43	0
022	Copper (mg / kg (ppm))	0051	13.085	2.0900	10.516	1.8110	0.71296	35	1.42	022.41	0
022	Copper (mg / kg (ppm))	0202	13.515	0.95000	10.516	1.8110	0.71296	35	1.66	022.42	0
022	Copper (mg / kg (ppm))	0035	15.500	1.0000	10.516	1.8110	0.71296	35	2.75	022.32	0
022	Copper (mg / kg (ppm))	2062	17.500	1.0000	10.516	1.8110	0.71296	35	3.86	022.31	0
022	Copper (mg / kg (ppm))	0003	17.500	7.0000	10.516	1.8110	0.71296	35	3.86	022.41	1
024	Iodine (mg / kg (ppm))	2004	0.10600	0.00400	0.12017	0.01451	0.02233	3		024.99	0
024	Iodine (mg / kg (ppm))	0969	0.11950	0.01300	0.12017	0.01451	0.02233	3		024.99	0
024	Iodine (mg / kg (ppm))	0970	0.13500	0.05000	0.12017	0.01451	0.02233	3		024.99	0
025	Iron (mg / kg (ppm))	0026	0.02890	0.00140	197.20	23.904	9.5505	36	-8.25	025.42	0
025	Iron (mg / kg (ppm))	2124	0.19030	0.01200	197.20	23.904	9.5505	36	-8.24	025.43	0
025	Iron (mg / kg (ppm))	0613	144.20	22.800	197.20	23.904	9.5505	36	-2.22	025.42	0
025	Iron (mg / kg (ppm))	0047	144.75	8.1000	197.20	23.904	9.5505	36	-2.19	025.52	0
025	Iron (mg / kg (ppm))	0014	164.50	3.0000	197.20	23.904	9.5505	36	-1.37	025.31	0
025	Iron (mg / kg (ppm))	2023	171.50	7.0000	197.20	23.904	9.5505	36	-1.07	025.43	0
025	Iron (mg / kg (ppm))	0555	175.00	10.000	197.20	23.904	9.5505	36	-0.93	025.52	0
025	Iron (mg / kg (ppm))	2033	178.50	23.000	197.20	23.904	9.5505	36	-0.78	025.43	0
025	Iron (mg / kg (ppm))	0555	180.00	0.00000	197.20	23.904	9.5505	36	-0.72	025.42	0
025	Iron (mg / kg (ppm))	0017	184.83	2.3180	197.20	23.904	9.5505	36	-0.52	025.43	0
025	Iron (mg / kg (ppm))	2114	185.67	3.4379	197.20	23.904	9.5505	36	-0.48	025.41	0
025	Iron (mg / kg (ppm))	0098	190.65	11.500	197.20	23.904	9.5505	36	-0.27	025.41	0
025	Iron (mg / kg (ppm))	0511	192.50	5.0000	197.20	23.904	9.5505	36	-0.20	025.41	0
025	Iron (mg / kg (ppm))	0870	192.55	8.7000	197.20	23.904	9.5505	36	-0.19	025.42	0
025	Iron (mg / kg (ppm))	0051	196.00	18.000	197.20	23.904	9.5505	36	-0.05	025.41	0
025	Iron (mg / kg (ppm))	0969	197.00	2.0000	197.20	23.904	9.5505	36	-0.01	025.41	0
025	Iron (mg / kg (ppm))	0208	197.05	27.900	197.20	23.904	9.5505	36	-0.01	025.41	0
025	Iron (mg / kg (ppm))	2062	198.85	0.30000	197.20	23.904	9.5505	36	0.07	025.31	0
025	Iron (mg / kg (ppm))	0510	200.00	2.0000	197.20	23.904	9.5505	36	0.12	025.43	0
025	Iron (mg / kg (ppm))	0171	202.50	5.0000	197.20	23.904	9.5505	36	0.22	025.41	0
025	Iron (mg / kg (ppm))	0098	203.20	3.0000	197.20	23.904	9.5505	36	0.25	025.43	0
025	Iron (mg / kg (ppm))	0208	203.50	11.000	197.20	23.904	9.5505	36	0.26	025.31	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			
025	Iron (mg / kg (ppm))	0970	205.00	10.000	197.20	23.904	9.5505	36	0.33	025.41	0
025	Iron (mg / kg (ppm))	0512	205.45	3.9000	197.20	23.904	9.5505	36	0.35	025.41	0
025	Iron (mg / kg (ppm))	0074	207.50	9.0000	197.20	23.904	9.5505	36	0.43	025.41	0
025	Iron (mg / kg (ppm))	0164	207.50	1.0000	197.20	23.904	9.5505	36	0.43	025.41	0
025	Iron (mg / kg (ppm))	0042	211.00	16.000	197.20	23.904	9.5505	36	0.58	025.42	0
025	Iron (mg / kg (ppm))	2004	212.50	11.000	197.20	23.904	9.5505	36	0.64	025.41	0
025	Iron (mg / kg (ppm))	0553	212.50	5.0000	197.20	23.904	9.5505	36	0.64	025.53	0
025	Iron (mg / kg (ppm))	0027	213.54	13.300	197.20	23.904	9.5505	36	0.68	025.43	0
025	Iron (mg / kg (ppm))	0407	215.22	1.3393	197.20	23.904	9.5505	36	0.75	025.41	0
025	Iron (mg / kg (ppm))	0003	221.50	11.000	197.20	23.904	9.5505	36	1.02	025.41	0
025	Iron (mg / kg (ppm))	2058	229.04	22.310	197.20	23.904	9.5505	36	1.33	025.43	0
025	Iron (mg / kg (ppm))	0508	264.97	20.900	197.20	23.904	9.5505	36	2.84	025.43	0
025	Iron (mg / kg (ppm))	0035	311.00	20.000	197.20	23.904	9.5505	36	4.76	025.32	0
025	Iron (mg / kg (ppm))	0035	324.50	25.000	197.20	23.904	9.5505	36	5.33	025.42	0
025	Iron (mg / kg (ppm))	0033	217.50	43.000	197.20	23.904	9.5505	36	0.85	025.43	1
027	Magnesium (%)	0026	0.23515	0.00170	0.27023	0.01247	0.00615	37	-2.81	027.42	0
027	Magnesium (%)	0555	0.24000	0.00000	0.27023	0.01247	0.00615	37	-2.42	027.42	0
027	Magnesium (%)	0047	0.24500	0.01000	0.27023	0.01247	0.00615	37	-2.02	027.52	0
027	Magnesium (%)	0051	0.25350	0.00520	0.27023	0.01247	0.00615	37	-1.34	027.41	0
027	Magnesium (%)	2058	0.25550	0.00700	0.27023	0.01247	0.00615	37	-1.18	027.43	0
027	Magnesium (%)	0164	0.25850	0.00100	0.27023	0.01247	0.00615	37	-0.94	027.41	0
027	Magnesium (%)	0407	0.25960	0.00560	0.27023	0.01247	0.00615	37	-0.85	027.41	0
027	Magnesium (%)	0035	0.26000	0.00000	0.27023	0.01247	0.00615	37	-0.82	027.32	0
027	Magnesium (%)	0511	0.26000	0.00000	0.27023	0.01247	0.00615	37	-0.82	027.41	0
027	Magnesium (%)	2023	0.26400	0.01000	0.27023	0.01247	0.00615	37	-0.50	027.43	0
027	Magnesium (%)	0870	0.26475	0.01290	0.27023	0.01247	0.00615	37	-0.44	027.42	0
027	Magnesium (%)	0003	0.26500	0.01000	0.27023	0.01247	0.00615	37	-0.42	027.41	0
027	Magnesium (%)	0969	0.26600	0.00400	0.27023	0.01247	0.00615	37	-0.34	027.44	0
027	Magnesium (%)	0650	0.26655	0.00570	0.27023	0.01247	0.00615	37	-0.29	027.31	0
027	Magnesium (%)	2114	0.26760	0.00960	0.27023	0.01247	0.00615	37	-0.21	027.44	0
027	Magnesium (%)	0014	0.27000	0.00200	0.27023	0.01247	0.00615	37	-0.02	027.31	0
027	Magnesium (%)	0074	0.27000	0.00000	0.27023	0.01247	0.00615	37	-0.02	027.41	0
027	Magnesium (%)	0098	0.27000	0.02000	0.27023	0.01247	0.00615	37	-0.02	027.41	0
027	Magnesium (%)	0033	0.27000	0.00000	0.27023	0.01247	0.00615	37	-0.02	027.43	0
027	Magnesium (%)	0034	0.27050	0.00080	0.27023	0.01247	0.00615	37	0.02	027.43	0
027	Magnesium (%)	0171	0.27050	0.00300	0.27023	0.01247	0.00615	37	0.02	027.41	0
027	Magnesium (%)	2124	0.27090	0.00080	0.27023	0.01247	0.00615	37	0.05	027.43	0
027	Magnesium (%)	0027	0.27200	0.00400	0.27023	0.01247	0.00615	37	0.14	027.43	0
027	Magnesium (%)	0208	0.27350	0.00500	0.27023	0.01247	0.00615	37	0.26	027.31	0
027	Magnesium (%)	0512	0.27420	0.01020	0.27023	0.01247	0.00615	37	0.32	027.41	0
027	Magnesium (%)	0098	0.27500	0.01000	0.27023	0.01247	0.00615	37	0.38	027.43	0
027	Magnesium (%)	0510	0.27500	0.01000	0.27023	0.01247	0.00615	37	0.38	027.43	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			
027	Magnesium (%)	0208	0.27750	0.00300	0.27023	0.01247	0.00615	37	0.58	027.41	0
027	Magnesium (%)	0035	0.28000	0.00000	0.27023	0.01247	0.00615	37	0.78	027.42	0
027	Magnesium (%)	0202	0.28000	0.00000	0.27023	0.01247	0.00615	37	0.78	027.42	0
027	Magnesium (%)	0970	0.28000	0.00000	0.27023	0.01247	0.00615	37	0.78	027.44	0
027	Magnesium (%)	0042	0.28100	0.01200	0.27023	0.01247	0.00615	37	0.86	027.42	0
027	Magnesium (%)	2004	0.28700	0.01400	0.27023	0.01247	0.00615	37	1.35	027.44	0
027	Magnesium (%)	0613	0.29000	0.02000	0.27023	0.01247	0.00615	37	1.59	027.42	0
027	Magnesium (%)	2089	0.29500	0.01000	0.27023	0.01247	0.00615	37	1.99	027.41	0
027	Magnesium (%)	0553	0.30200	0.02000	0.27023	0.01247	0.00615	37	2.55	027.53	0
027	Magnesium (%)	0017	0.31400	0.00000	0.27023	0.01247	0.00615	37	3.51	027.43	0
027	Magnesium (%)	0508	0.31345	0.04310	0.27023	0.01247	0.00615	37	3.47	027.43	1
028	Manganese (mg / kg (ppm))	0613	35.970	4.5200	42.014	3.3075	1.1840	35	-1.83	028.42	0
028	Manganese (mg / kg (ppm))	0033	36.300	1.6000	42.014	3.3075	1.1840	35	-1.73	028.43	0
028	Manganese (mg / kg (ppm))	0047	37.400	2.2000	42.014	3.3075	1.1840	35	-1.39	028.52	0
028	Manganese (mg / kg (ppm))	2058	37.930	0.86000	42.014	3.3075	1.1840	35	-1.23	028.43	0
028	Manganese (mg / kg (ppm))	0511	38.500	1.0000	42.014	3.3075	1.1840	35	-1.06	028.41	0
028	Manganese (mg / kg (ppm))	0870	38.525	1.9100	42.014	3.3075	1.1840	35	-1.05	028.42	0
028	Manganese (mg / kg (ppm))	0208	39.250	0.10000	42.014	3.3075	1.1840	35	-0.84	028.31	0
028	Manganese (mg / kg (ppm))	2114	39.820	0.88000	42.014	3.3075	1.1840	35	-0.66	028.44	0
028	Manganese (mg / kg (ppm))	2062	39.950	0.10000	42.014	3.3075	1.1840	35	-0.62	028.31	0
028	Manganese (mg / kg (ppm))	0510	40.000	0.00000	42.014	3.3075	1.1840	35	-0.61	028.43	0
028	Manganese (mg / kg (ppm))	0969	40.200	0.80000	42.014	3.3075	1.1840	35	-0.55	028.44	0
028	Manganese (mg / kg (ppm))	0555	40.500	1.0000	42.014	3.3075	1.1840	35	-0.46	028.42	0
028	Manganese (mg / kg (ppm))	0051	40.695	0.43000	42.014	3.3075	1.1840	35	-0.40	028.41	0
028	Manganese (mg / kg (ppm))	0171	40.800	0.60000	42.014	3.3075	1.1840	35	-0.37	028.41	0
028	Manganese (mg / kg (ppm))	2023	41.400	2.4000	42.014	3.3075	1.1840	35	-0.19	028.43	0
028	Manganese (mg / kg (ppm))	0003	42.000	2.0000	42.014	3.3075	1.1840	35	0.00	028.41	0
028	Manganese (mg / kg (ppm))	0164	42.000	0.00000	42.014	3.3075	1.1840	35	0.00	028.41	0
028	Manganese (mg / kg (ppm))	0208	42.015	1.2700	42.014	3.3075	1.1840	35	0.00	028.41	0
028	Manganese (mg / kg (ppm))	0098	42.040	0.64000	42.014	3.3075	1.1840	35	0.01	028.41	0
028	Manganese (mg / kg (ppm))	0512	42.465	1.6500	42.014	3.3075	1.1840	35	0.14	028.41	0
028	Manganese (mg / kg (ppm))	0555	42.500	1.0000	42.014	3.3075	1.1840	35	0.15	028.52	0
028	Manganese (mg / kg (ppm))	2089	42.565	0.21000	42.014	3.3075	1.1840	35	0.17	028.41	0
028	Manganese (mg / kg (ppm))	0970	43.000	0.00000	42.014	3.3075	1.1840	35	0.30	028.44	0
028	Manganese (mg / kg (ppm))	0074	43.500	1.0000	42.014	3.3075	1.1840	35	0.45	028.41	0
028	Manganese (mg / kg (ppm))	0034	43.600	1.2600	42.014	3.3075	1.1840	35	0.48	028.43	0
028	Manganese (mg / kg (ppm))	2004	43.700	1.8000	42.014	3.3075	1.1840	35	0.51	028.44	0
028	Manganese (mg / kg (ppm))	0098	44.170	0.34000	42.014	3.3075	1.1840	35	0.65	028.43	0
028	Manganese (mg / kg (ppm))	0202	44.495	0.95000	42.014	3.3075	1.1840	35	0.75	028.42	0
028	Manganese (mg / kg (ppm))	0553	44.850	1.1000	42.014	3.3075	1.1840	35	0.86	028.53	0
028	Manganese (mg / kg (ppm))	0042	45.000	0.00000	42.014	3.3075	1.1840	35	0.90	028.42	0
028	Manganese (mg / kg (ppm))	0035	46.000	0.00000	42.014	3.3075	1.1840	35	1.21	028.42	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			
028	Manganese (mg / kg (ppm))	0508	46.575	5.3620	42.014	3.3075	1.1840	35	1.38	028.43	0
028	Manganese (mg / kg (ppm))	0407	47.284	0.45760	42.014	3.3075	1.1840	35	1.59	028.41	0
028	Manganese (mg / kg (ppm))	0035	50.000	4.0000	42.014	3.3075	1.1840	35	2.41	028.32	0
028	Manganese (mg / kg (ppm))	2124	54.919	0.00140	42.014	3.3075	1.1840	35	3.90	028.43	0
028	Manganese (mg / kg (ppm))	0017	51.272	16.293	42.014	3.3075	1.1840	35	2.80	028.43	1
028	Manganese (mg / kg (ppm))	0026	0.00425	0.00050	42.014	3.3075	1.1840	35	-12.70	028.42	2
031	Phosphorus (%)	0026	0.40785	0.00250	0.52155	0.02970	0.01399	42	-3.83	031.42	0
031	Phosphorus (%)	2114	0.43150	0.01100	0.52155	0.02970	0.01399	42	-3.03	031.44	0
031	Phosphorus (%)	0870	0.47765	0.01110	0.52155	0.02970	0.01399	42	-1.48	031.42	0
031	Phosphorus (%)	2058	0.48500	0.03000	0.52155	0.02970	0.01399	42	-1.23	031.01	0
031	Phosphorus (%)	0042	0.48550	0.00100	0.52155	0.02970	0.01399	42	-1.21	031.42	0
031	Phosphorus (%)	0014	0.49350	0.00100	0.52155	0.02970	0.01399	42	-0.94	031.42	0
031	Phosphorus (%)	0034	0.49620	0.01720	0.52155	0.02970	0.01399	42	-0.85	031.43	0
031	Phosphorus (%)	0051	0.49985	0.01450	0.52155	0.02970	0.01399	42	-0.73	031.41	0
031	Phosphorus (%)	0047	0.50000	0.02000	0.52155	0.02970	0.01399	42	-0.73	031.03	0
031	Phosphorus (%)	0035	0.50000	0.02000	0.52155	0.02970	0.01399	42	-0.73	031.42	0
031	Phosphorus (%)	2058	0.50000	0.00000	0.52155	0.02970	0.01399	42	-0.73	031.43	0
031	Phosphorus (%)	2004	0.50000	0.02200	0.52155	0.02970	0.01399	42	-0.73	031.44	0
031	Phosphorus (%)	0969	0.50150	0.00100	0.52155	0.02970	0.01399	42	-0.68	031.44	0
031	Phosphorus (%)	0555	0.50500	0.05000	0.52155	0.02970	0.01399	42	-0.56	031.42	0
031	Phosphorus (%)	2115	0.51000	0.00000	0.52155	0.02970	0.01399	42	-0.39	031.01	0
031	Phosphorus (%)	0171	0.51500	0.01000	0.52155	0.02970	0.01399	42	-0.22	031.41	0
031	Phosphorus (%)	0202	0.51500	0.01000	0.52155	0.02970	0.01399	42	-0.22	031.42	0
031	Phosphorus (%)	0033	0.51500	0.01000	0.52155	0.02970	0.01399	42	-0.22	031.43	0
031	Phosphorus (%)	0510	0.51500	0.01000	0.52155	0.02970	0.01399	42	-0.22	031.43	0
031	Phosphorus (%)	0208	0.51700	0.01000	0.52155	0.02970	0.01399	42	-0.15	031.41	0
031	Phosphorus (%)	0098	0.52270	0.00620	0.52155	0.02970	0.01399	42	0.04	031.41	0
031	Phosphorus (%)	2062	0.52450	0.00500	0.52155	0.02970	0.01399	42	0.10	031.01	0
031	Phosphorus (%)	0504	0.52500	0.01000	0.52155	0.02970	0.01399	42	0.12	031.03	0
031	Phosphorus (%)	2089	0.52500	0.01000	0.52155	0.02970	0.01399	42	0.12	031.41	0
031	Phosphorus (%)	0613	0.52500	0.01000	0.52155	0.02970	0.01399	42	0.12	031.42	0
031	Phosphorus (%)	2124	0.52910	0.00020	0.52155	0.02970	0.01399	42	0.25	031.43	0
031	Phosphorus (%)	0074	0.53000	0.00000	0.52155	0.02970	0.01399	42	0.28	031.41	0
031	Phosphorus (%)	0164	0.53000	0.00000	0.52155	0.02970	0.01399	42	0.28	031.41	0
031	Phosphorus (%)	0208	0.53200	0.00400	0.52155	0.02970	0.01399	42	0.35	031.01	0
031	Phosphorus (%)	0650	0.53500	0.01000	0.52155	0.02970	0.01399	42	0.45	031.01	0
031	Phosphorus (%)	0970	0.53500	0.03000	0.52155	0.02970	0.01399	42	0.45	031.44	0
031	Phosphorus (%)	0027	0.53550	0.00500	0.52155	0.02970	0.01399	42	0.47	031.43	0
031	Phosphorus (%)	0512	0.53750	0.01120	0.52155	0.02970	0.01399	42	0.54	031.41	0
031	Phosphorus (%)	0407	0.54185	0.01710	0.52155	0.02970	0.01399	42	0.68	031.41	0
031	Phosphorus (%)	0553	0.54200	0.03600	0.52155	0.02970	0.01399	42	0.69	031.53	0
031	Phosphorus (%)	0017	0.55800	0.05600	0.52155	0.02970	0.01399	42	1.23	031.43	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 (%)	2023	0.56250	0.02700	0.52155	0.02970	0.01399	42	1.38	031.43	0
031	Phosphorus (%)	0511	0.56500	0.01000	0.52155	0.02970	0.01399	42	1.46	031.01	0
031	Phosphorus (%)	0508	0.57635	0.04790	0.52155	0.02970	0.01399	42	1.85	031.43	0
031	Phosphorus (%)	0098	0.57735	0.00770	0.52155	0.02970	0.01399	42	1.88	031.43	0
031	Phosphorus (%)	2033	0.57750	0.00300	0.52155	0.02970	0.01399	42	1.88	031.43	0
031	Phosphorus (%)	0035	0.65500	0.03000	0.52155	0.02970	0.01399	42	4.49	031.01	0
031	Phosphorus (%)	0003	0.56500	0.07000	0.52155	0.02970	0.01399	42	1.46	031.41	1
032	Potassium (%)	2114	0.54240	0.03280	0.83684	0.04377	0.02682	37	-6.73	032.44	0
032	Potassium (%)	2058	0.70050	0.01100	0.83684	0.04377	0.02682	37	-3.11	032.43	0
032	Potassium (%)	0047	0.73000	0.06000	0.83684	0.04377	0.02682	37	-2.44	032.02	0
032	Potassium (%)	0026	0.73310	0.00180	0.83684	0.04377	0.02682	37	-2.37	032.42	0
032	Potassium (%)	0208	0.76400	0.10800	0.83684	0.04377	0.02682	37	-1.66	032.41	0
032	Potassium (%)	0051	0.79065	0.02750	0.83684	0.04377	0.02682	37	-1.06	032.41	0
032	Potassium (%)	0164	0.80000	0.02000	0.83684	0.04377	0.02682	37	-0.84	032.41	0
032	Potassium (%)	0969	0.80800	0.01800	0.83684	0.04377	0.02682	37	-0.66	032.44	0
032	Potassium (%)	2023	0.80850	0.03300	0.83684	0.04377	0.02682	37	-0.65	032.43	0
032	Potassium (%)	0098	0.82000	0.02000	0.83684	0.04377	0.02682	37	-0.38	032.41	0
032	Potassium (%)	0510	0.82000	0.02000	0.83684	0.04377	0.02682	37	-0.38	032.43	0
032	Potassium (%)	0511	0.82500	0.01000	0.83684	0.04377	0.02682	37	-0.27	032.41	0
032	Potassium (%)	0033	0.82500	0.01000	0.83684	0.04377	0.02682	37	-0.27	032.43	0
032	Potassium (%)	0208	0.82600	0.03400	0.83684	0.04377	0.02682	37	-0.25	032.31	0
032	Potassium (%)	0555	0.83000	0.02000	0.83684	0.04377	0.02682	37	-0.16	032.42	0
032	Potassium (%)	0098	0.83000	0.02000	0.83684	0.04377	0.02682	37	-0.16	032.43	0
032	Potassium (%)	2004	0.83150	0.03300	0.83684	0.04377	0.02682	37	-0.12	032.44	0
032	Potassium (%)	0035	0.83500	0.05000	0.83684	0.04377	0.02682	37	-0.04	032.42	0
032	Potassium (%)	0870	0.83610	0.04460	0.83684	0.04377	0.02682	37	-0.02	032.42	0
032	Potassium (%)	0171	0.83650	0.00500	0.83684	0.04377	0.02682	37	-0.01	032.41	0
032	Potassium (%)	0014	0.83700	0.02400	0.83684	0.04377	0.02682	37	0.00	032.31	0
032	Potassium (%)	0074	0.84000	0.02000	0.83684	0.04377	0.02682	37	0.07	032.41	0
032	Potassium (%)	0034	0.84430	0.02220	0.83684	0.04377	0.02682	37	0.17	032.43	0
032	Potassium (%)	0042	0.84700	0.01000	0.83684	0.04377	0.02682	37	0.23	032.42	0
032	Potassium (%)	2089	0.85000	0.00000	0.83684	0.04377	0.02682	37	0.30	032.41	0
032	Potassium (%)	0512	0.85775	0.00850	0.83684	0.04377	0.02682	37	0.48	032.41	0
032	Potassium (%)	0003	0.86000	0.06000	0.83684	0.04377	0.02682	37	0.53	032.41	0
032	Potassium (%)	2124	0.86905	0.00350	0.83684	0.04377	0.02682	37	0.74	032.43	0
032	Potassium (%)	0650	0.87000	0.04000	0.83684	0.04377	0.02682	37	0.76	032.31	0
032	Potassium (%)	0970	0.87000	0.02000	0.83684	0.04377	0.02682	37	0.76	032.44	0
032	Potassium (%)	0035	0.88000	0.02000	0.83684	0.04377	0.02682	37	0.99	032.32	0
032	Potassium (%)	2033	0.88480	0.00700	0.83684	0.04377	0.02682	37	1.10	032.43	0
032	Potassium (%)	0553	0.88500	0.00400	0.83684	0.04377	0.02682	37	1.10	032.53	0
032	Potassium (%)	0202	0.89000	0.00000	0.83684	0.04377	0.02682	37	1.21	032.42	0
032	Potassium (%)	0613	0.89500	0.05000	0.83684	0.04377	0.02682	37	1.33	032.42	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			
032	Potassium (%)	0407	0.90250	0.01300	0.83684	0.04377	0.02682	37	1.50	032.41	0
032	Potassium (%)	0508	0.95150	0.11140	0.83684	0.04377	0.02682	37	2.62	032.43	0
032	Potassium (%)	0017	0.89850	0.14500	0.83684	0.04377	0.02682	37	1.41	032.43	1
033	Salt as chloride (%)	2033	0.16000	0.02000	0.19065	0.02550	0.01014	9	-1.20	033.99	0
033	Salt as chloride (%)	0309	0.16275	0.00350	0.19065	0.02550	0.01014	9	-1.09	033.00	0
033	Salt as chloride (%)	0510	0.18000	0.00000	0.19065	0.02550	0.01014	9	-0.42	033.01	0
033	Salt as chloride (%)	0407	0.18350	0.00100	0.19065	0.02550	0.01014	9	-0.28	033.01	0
033	Salt as chloride (%)	2062	0.19070	0.00680	0.19065	0.02550	0.01014	9	0.00	033.00	0
033	Salt as chloride (%)	0164	0.19500	0.01000	0.19065	0.02550	0.01014	9	0.17	033.01	0
033	Salt as chloride (%)	0098	0.20000	0.00000	0.19065	0.02550	0.01014	9	0.37	033.01	0
033	Salt as chloride (%)	2023	0.21500	0.03000	0.19065	0.02550	0.01014	9	0.96	033.01	0
033	Salt as chloride (%)	0650	0.23000	0.02000	0.19065	0.02550	0.01014	9	1.54	033.01	0
034	Selenium (mg / kg (ppm))	0555	0.09700	0.00600	0.13258	0.01384	0.01463	8	-2.57	034.52	0
034	Selenium (mg / kg (ppm))	0969	0.12050	0.00300	0.13258	0.01384	0.01463	8	-0.87	034.99	0
034	Selenium (mg / kg (ppm))	0970	0.13000	0.06000	0.13258	0.01384	0.01463	8	-0.19	034.99	0
034	Selenium (mg / kg (ppm))	0164	0.13500	0.01000	0.13258	0.01384	0.01463	8	0.17	034.04	0
034	Selenium (mg / kg (ppm))	0555	0.13500	0.01000	0.13258	0.01384	0.01463	8	0.17	034.99	0
034	Selenium (mg / kg (ppm))	2004	0.13600	0.01600	0.13258	0.01384	0.01463	8	0.25	034.99	0
034	Selenium (mg / kg (ppm))	0553	0.13900	0.01200	0.13258	0.01384	0.01463	8	0.46	034.53	0
034	Selenium (mg / kg (ppm))	2023	0.20000	0.00000	0.13258	0.01384	0.01463	8	4.87	034.53	0
034	Selenium (mg / kg (ppm))	2124	2.2513	0.22620	0.13258	0.01384	0.01463	8	153.07	034.43	2
035	Sodium (%)	0035	0.05350	0.00300	0.07252	0.00628	0.00337	32	-3.03	035.42	0
035	Sodium (%)	2114	0.06365	0.00590	0.07252	0.00628	0.00337	32	-1.41	035.41	0
035	Sodium (%)	0208	0.06400	0.00200	0.07252	0.00628	0.00337	32	-1.36	035.31	0
035	Sodium (%)	0510	0.06600	0.00000	0.07252	0.00628	0.00337	32	-1.04	035.43	0
035	Sodium (%)	2122	0.06700	0.00440	0.07252	0.00628	0.00337	32	-0.88	035.41	0
035	Sodium (%)	0555	0.06750	0.00300	0.07252	0.00628	0.00337	32	-0.80	035.42	0
035	Sodium (%)	0098	0.06750	0.00300	0.07252	0.00628	0.00337	32	-0.80	035.43	0
035	Sodium (%)	0969	0.06780	0.00100	0.07252	0.00628	0.00337	32	-0.75	035.41	0
035	Sodium (%)	0164	0.06850	0.00100	0.07252	0.00628	0.00337	32	-0.64	035.41	0
035	Sodium (%)	0042	0.06850	0.00100	0.07252	0.00628	0.00337	32	-0.64	035.42	0
035	Sodium (%)	2058	0.06850	0.00100	0.07252	0.00628	0.00337	32	-0.64	035.43	0
035	Sodium (%)	2004	0.06915	0.00030	0.07252	0.00628	0.00337	32	-0.54	035.41	0
035	Sodium (%)	0970	0.07000	0.00000	0.07252	0.00628	0.00337	32	-0.40	035.41	0
035	Sodium (%)	0553	0.07030	0.00420	0.07252	0.00628	0.00337	32	-0.35	035.53	0
035	Sodium (%)	2124	0.07035	0.00030	0.07252	0.00628	0.00337	32	-0.35	035.43	0
035	Sodium (%)	2033	0.07205	0.00030	0.07252	0.00628	0.00337	32	-0.07	035.43	0
035	Sodium (%)	0051	0.07255	0.00290	0.07252	0.00628	0.00337	32	0.01	035.41	0
035	Sodium (%)	0098	0.07300	0.00600	0.07252	0.00628	0.00337	32	0.08	035.41	0
035	Sodium (%)	0650	0.07400	0.00800	0.07252	0.00628	0.00337	32	0.24	035.31	0
035	Sodium (%)	2023	0.07500	0.00200	0.07252	0.00628	0.00337	32	0.40	035.43	0
035	Sodium (%)	0511	0.07500	0.01000	0.07252	0.00628	0.00337	32	0.40	035.41	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			
035	Sodium (%)	0870	0.07565	0.00450	0.07252	0.00628	0.00337	32	0.50	035.42	0
035	Sodium (%)	0407	0.07600	0.00040	0.07252	0.00628	0.00337	32	0.55	035.41	0
035	Sodium (%)	0171	0.07750	0.00500	0.07252	0.00628	0.00337	32	0.79	035.41	0
035	Sodium (%)	0508	0.07790	0.01180	0.07252	0.00628	0.00337	32	0.86	035.43	0
035	Sodium (%)	0034	0.07910	0.00960	0.07252	0.00628	0.00337	32	1.05	035.43	0
035	Sodium (%)	0208	0.07950	0.01100	0.07252	0.00628	0.00337	32	1.11	035.41	0
035	Sodium (%)	0035	0.07955	0.00010	0.07252	0.00628	0.00337	32	1.12	035.32	0
035	Sodium (%)	2089	0.08000	0.00000	0.07252	0.00628	0.00337	32	1.19	035.41	0
035	Sodium (%)	0202	0.08000	0.00000	0.07252	0.00628	0.00337	32	1.19	035.42	0
035	Sodium (%)	0613	0.08000	0.00000	0.07252	0.00628	0.00337	32	1.19	035.42	0
035	Sodium (%)	0512	0.08550	0.00620	0.07252	0.00628	0.00337	32	2.07	035.41	0
036	Sulfur (%)	2089	0.20000	0.02000	0.21906	0.01679	0.01091	14	-1.14	036.42	0
036	Sulfur (%)	0870	0.20125	0.00290	0.21906	0.01679	0.01091	14	-1.06	036.42	0
036	Sulfur (%)	0035	0.20500	0.01000	0.21906	0.01679	0.01091	14	-0.84	036.42	0
036	Sulfur (%)	0164	0.20500	0.01000	0.21906	0.01679	0.01091	14	-0.84	036.42	0
036	Sulfur (%)	0555	0.20500	0.01000	0.21906	0.01679	0.01091	14	-0.84	036.42	0
036	Sulfur (%)	0613	0.21500	0.03000	0.21906	0.01679	0.01091	14	-0.24	036.42	0
036	Sulfur (%)	0407	0.21790	0.00240	0.21906	0.01679	0.01091	14	-0.07	036.42	0
036	Sulfur (%)	0202	0.22000	0.00000	0.21906	0.01679	0.01091	14	0.06	036.42	0
036	Sulfur (%)	0098	0.22500	0.01000	0.21906	0.01679	0.01091	14	0.35	036.04	0
036	Sulfur (%)	0510	0.22500	0.01000	0.21906	0.01679	0.01091	14	0.35	036.43	0
036	Sulfur (%)	0098	0.22805	0.00370	0.21906	0.01679	0.01091	14	0.54	036.43	0
036	Sulfur (%)	2033	0.23150	0.00500	0.21906	0.01679	0.01091	14	0.74	036.43	0
036	Sulfur (%)	0508	0.24390	0.02880	0.21906	0.01679	0.01091	14	1.48	036.43	0
036	Sulfur (%)	0171	0.24800	0.01000	0.21906	0.01679	0.01091	14	1.72	036.42	0
037	Zinc (mg / kg (ppm))	0026	0.00510	0.00020	33.686	4.2583	2.2540	32	-7.91	037.42	0
037	Zinc (mg / kg (ppm))	0017	22.526	9.0770	33.686	4.2583	2.2540	32	-2.62	037.43	0
037	Zinc (mg / kg (ppm))	0613	27.340	10.980	33.686	4.2583	2.2540	32	-1.49	037.42	0
037	Zinc (mg / kg (ppm))	0051	28.570	8.2800	33.686	4.2583	2.2540	32	-1.20	037.41	0
037	Zinc (mg / kg (ppm))	0511	29.500	1.0000	33.686	4.2583	2.2540	32	-0.98	037.41	0
037	Zinc (mg / kg (ppm))	0074	30.000	2.0000	33.686	4.2583	2.2540	32	-0.87	037.41	0
037	Zinc (mg / kg (ppm))	0870	30.280	0.62000	33.686	4.2583	2.2540	32	-0.80	037.42	0
037	Zinc (mg / kg (ppm))	0555	31.000	2.0000	33.686	4.2583	2.2540	32	-0.63	037.52	0
037	Zinc (mg / kg (ppm))	0969	31.600	1.2000	33.686	4.2583	2.2540	32	-0.49	037.44	0
037	Zinc (mg / kg (ppm))	0208	31.895	0.33000	33.686	4.2583	2.2540	32	-0.42	037.41	0
037	Zinc (mg / kg (ppm))	0033	32.000	2.6000	33.686	4.2583	2.2540	32	-0.40	037.43	0
037	Zinc (mg / kg (ppm))	2004	32.100	1.6000	33.686	4.2583	2.2540	32	-0.37	037.44	0
037	Zinc (mg / kg (ppm))	2124	32.257	0.02270	33.686	4.2583	2.2540	32	-0.34	037.43	0
037	Zinc (mg / kg (ppm))	0970	32.500	1.0000	33.686	4.2583	2.2540	32	-0.28	037.44	0
037	Zinc (mg / kg (ppm))	0555	33.000	0.00000	33.686	4.2583	2.2540	32	-0.16	037.42	0
037	Zinc (mg / kg (ppm))	2062	33.200	0.40000	33.686	4.2583	2.2540	32	-0.11	037.31	0
037	Zinc (mg / kg (ppm))	2023	33.850	1.5000	33.686	4.2583	2.2540	32	0.04	037.43	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			
037	Zinc (mg / kg (ppm))	0510	34.000	0.00000	33.686	4.2583	2.2540	32	0.07	037.43	0
037	Zinc (mg / kg (ppm))	0171	34.300	0.60000	33.686	4.2583	2.2540	32	0.14	037.41	0
037	Zinc (mg / kg (ppm))	0098	34.430	0.42000	33.686	4.2583	2.2540	32	0.17	037.41	0
037	Zinc (mg / kg (ppm))	0035	35.000	0.00000	33.686	4.2583	2.2540	32	0.31	037.32	0
037	Zinc (mg / kg (ppm))	2089	35.480	0.12000	33.686	4.2583	2.2540	32	0.42	037.41	0
037	Zinc (mg / kg (ppm))	0512	35.630	0.98000	33.686	4.2583	2.2540	32	0.46	037.41	0
037	Zinc (mg / kg (ppm))	0164	37.000	2.0000	33.686	4.2583	2.2540	32	0.78	037.41	0
037	Zinc (mg / kg (ppm))	0035	37.000	4.0000	33.686	4.2583	2.2540	32	0.78	037.42	0
037	Zinc (mg / kg (ppm))	0407	37.486	0.06800	33.686	4.2583	2.2540	32	0.89	037.41	0
037	Zinc (mg / kg (ppm))	0098	37.830	1.0000	33.686	4.2583	2.2540	32	0.97	037.43	0
037	Zinc (mg / kg (ppm))	0553	37.900	0.40000	33.686	4.2583	2.2540	32	0.99	037.53	0
037	Zinc (mg / kg (ppm))	0202	37.995	1.9900	33.686	4.2583	2.2540	32	1.01	037.42	0
037	Zinc (mg / kg (ppm))	0508	43.630	3.1590	33.686	4.2583	2.2540	32	2.34	037.43	0
037	Zinc (mg / kg (ppm))	0003	45.000	14.000	33.686	4.2583	2.2540	32	2.66	037.41	0
037	Zinc (mg / kg (ppm))	2114	53.570	0.78000	33.686	4.2583	2.2540	32	4.67	037.44	0
037	Zinc (mg / kg (ppm))	0042	73.100	69.800	33.686	4.2583	2.2540	32	9.26	037.42	1
038	Molybdenum (mg / kg (ppm))	0171	0.90000	0.00000	0.97976	0.06831	0.02144	7	-1.17	038.41	0
038	Molybdenum (mg / kg (ppm))	0510	0.90000	0.00000	0.97976	0.06831	0.02144	7	-1.17	038.43	0
038	Molybdenum (mg / kg (ppm))	0555	0.99000	0.02000	0.97976	0.06831	0.02144	7	0.15	038.42	0
038	Molybdenum (mg / kg (ppm))	0555	0.99000	0.02000	0.97976	0.06831	0.02144	7	0.15	038.52	0
038	Molybdenum (mg / kg (ppm))	0508	0.99885	0.02910	0.97976	0.06831	0.02144	7	0.28	038.43	0
038	Molybdenum (mg / kg (ppm))	0553	1.0145	0.07100	0.97976	0.06831	0.02144	7	0.51	038.53	0
038	Molybdenum (mg / kg (ppm))	2023	1.0650	0.01000	0.97976	0.06831	0.02144	7	1.25	038.53	0
040	Barium (mg / kg (ppm))	0555	2.4500	0.10000				2		040.52	0
040	Barium (mg / kg (ppm))	0508	3.5863	0.44310				2		040.43	0
041	Vanadium (mg / kg (ppm))	0508	0.18195	0.04050				2		041.43	0
041	Vanadium (mg / kg (ppm))	0555	0.82000	0.02000				2		041.52	0
042	Chloride (%)	2004	0.11400	0.00000	0.11450	0.00071	0.00033	3		042.00	0
042	Chloride (%)	0970	0.11500	0.00000	0.11450	0.00071	0.00033	3		042.99	0
042	Chloride (%)	0969	0.11550	0.00100	0.11450	0.00071	0.00033	3		042.00	0
101	Choline Chloride (mg / kg (ppm))	2004	684.50	63.000				2		101.01	0
101	Choline Chloride (mg / kg (ppm))	0227	1,135.0	30.000				2		101.02	0
102	Niacin (mg / kg (ppm))	0227	18.750	0.50000	20.983	2.1773	0.83333	3		102.01	0
102	Niacin (mg / kg (ppm))	0969	21.100	0.80000	20.983	2.1773	0.83333	3		102.01	0
102	Niacin (mg / kg (ppm))	2004	23.100	1.2000	20.983	2.1773	0.83333	3		102.01	0
103	Pantothenic Acid (mg / kg (ppm))	0227	2.1100	0.12000	4.4033	2.2236	0.10667	3		103.01	0
103	Pantothenic Acid (mg / kg (ppm))	2004	4.5500	0.10000	4.4033	2.2236	0.10667	3		103.02	0
103	Pantothenic Acid (mg / kg (ppm))	0969	6.5500	0.10000	4.4033	2.2236	0.10667	3		103.02	0
104	Riboflavin (mg / kg (ppm))	0227	2.3900	0.10000	2.6975	0.32201	0.17500	4	-0.95	104.00	0
104	Riboflavin (mg / kg (ppm))	2004	2.6000	0.00000	2.6975	0.32201	0.17500	4	-0.30	104.02	0
104	Riboflavin (mg / kg (ppm))	2023	2.6500	0.30000	2.6975	0.32201	0.17500	4	-0.15	104.03	0
104	Riboflavin (mg / kg (ppm))	0969	3.1500	0.30000	2.6975	0.32201	0.17500	4	1.41	104.02	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			
105	Thiamine (mg / kg (ppm))	2004	3.0000	0.20000	3.8167	1.2868	0.36667	3		105.99	0
105	Thiamine (mg / kg (ppm))	0969	3.1500	0.10000	3.8167	1.2868	0.36667	3		105.99	0
105	Thiamine (mg / kg (ppm))	2023	5.3000	0.80000	3.8167	1.2868	0.36667	3		105.00	0
106	Vitamin A (KU / kg)	2004	0.78550	0.02900	12.429	10.128	0.20967	3		106.02	0
106	Vitamin A (KU / kg)	0227	17.300	0.20000	12.429	10.128	0.20967	3		106.02	0
106	Vitamin A (KU / kg)	2023	19.200	0.40000	12.429	10.128	0.20967	3		106.02	0
106	Vitamin A (KU / kg)	0969	0.00000	0.00000	12.429	10.128	0.20967	3		106.02	4
106	Vitamin A (KU / kg)	0970	0.70000	1.4000	12.429	10.128	0.20967	3		106.02	4
107	Vitamin B12 (µg / kg (ppb))	0969	50.150	2.1000				2		107.00	0
107	Vitamin B12 (µg / kg (ppb))	2004	55.400	4.8000				2		107.00	0
108	Vitamin D3 (KU / kg)	2023	0.00000	0.00000				0		108.01	4
108	Vitamin D3 (KU / kg)	0969	0.00000	0.00000				0		108.99	4
108	Vitamin D3 (KU / kg)	0970	0.00000	0.00000				0		108.99	4
108	Vitamin D3 (KU / kg)	2004	0.00000	0.00000				0		108.99	4
109	Vitamin E (IU/kg)	0227	131.50	1.0000				2		109.02	0
109	Vitamin E (IU/kg)	2023	153.15	4.3000				2		109.02	0
112	Pyridoxine (µg / g)	0227	3.0850	0.01000				2		112.01	0
112	Pyridoxine (µg / g)	2004	1,645.0	90.000				2		112.00	0
113	Folic Acid (mg / kg (ppm))	2004	0.29150	0.02900				2		113.01	0
113	Folic Acid (mg / kg (ppm))	0227	0.39000	0.00600				2		113.01	0
114	Biotin (mg / kg (ppm))	2004	0.17950	0.00900				2		114.01	0
114	Biotin (mg / kg (ppm))	0969	0.19700	0.01000				2		114.01	0
120	Alanine (%)	0970	0.87500	0.03000	0.89202	0.01475	0.01283	6	-1.15	120.01	0
120	Alanine (%)	0227	0.88500	0.01000	0.89202	0.01475	0.01283	6	-0.48	120.00	0
120	Alanine (%)	0504	0.88500	0.01000	0.89202	0.01475	0.01283	6	-0.48	120.00	0
120	Alanine (%)	2004	0.89450	0.00900	0.89202	0.01475	0.01283	6	0.17	120.01	0
120	Alanine (%)	0870	0.90160	0.00000	0.89202	0.01475	0.01283	6	0.65	120.00	0
120	Alanine (%)	0969	0.91100	0.01800	0.89202	0.01475	0.01283	6	1.29	120.01	0
120	Alanine (%)	2023	0.00000	0.00000	0.89202	0.01475	0.01283	6	-60.46	120.02	4
121	Arginine (%)	0870	1.3776	0.00000	1.4522	0.07562	0.04500	6	-0.99	121.00	0
121	Arginine (%)	0227	1.4050	0.01000	1.4522	0.07562	0.04500	6	-0.62	121.00	0
121	Arginine (%)	0504	1.4300	0.04000	1.4522	0.07562	0.04500	6	-0.29	121.00	0
121	Arginine (%)	0970	1.4500	0.10000	1.4522	0.07562	0.04500	6	-0.03	121.01	0
121	Arginine (%)	2004	1.4850	0.01000	1.4522	0.07562	0.04500	6	0.43	121.01	0
121	Arginine (%)	0969	1.6150	0.11000	1.4522	0.07562	0.04500	6	2.15	121.01	0
121	Arginine (%)	2023	0.00000	0.00000	1.4522	0.07562	0.04500	6	-19.20	121.02	4
122	Aspartic (%)	0970	1.8500	0.10000	1.9154	0.04651	0.04000	6	-1.41	122.01	0
122	Aspartic (%)	0504	1.8900	0.04000	1.9154	0.04651	0.04000	6	-0.55	122.00	0
122	Aspartic (%)	2004	1.9150	0.01000	1.9154	0.04651	0.04000	6	-0.01	122.01	0
122	Aspartic (%)	0969	1.9250	0.05000	1.9154	0.04651	0.04000	6	0.21	122.01	0
122	Aspartic (%)	0227	1.9500	0.04000	1.9154	0.04651	0.04000	6	0.74	122.00	0
122	Aspartic (%)	0870	1.9623	0.00000	1.9154	0.04651	0.04000	6	1.01	122.00	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			
122	Aspartic (%)	2023	0.00000	0.00000	1.9154	0.04651	0.04000	6	-41.18	122.02	4
124	Cysteine/Cystine (%)	0227	0.27000	0.00000	0.31926	0.05720	0.00050	6	-0.86	124.00	0
124	Cysteine/Cystine (%)	0970	0.28000	0.00000	0.31926	0.05720	0.00050	6	-0.69	124.01	0
124	Cysteine/Cystine (%)	0504	0.30000	0.00000	0.31926	0.05720	0.00050	6	-0.34	124.00	0
124	Cysteine/Cystine (%)	2004	0.31050	0.00300	0.31926	0.05720	0.00050	6	-0.15	124.01	0
124	Cysteine/Cystine (%)	2023	0.35000	0.00000	0.31926	0.05720	0.00050	6	0.54	124.02	0
124	Cysteine/Cystine (%)	0870	0.42930	0.00000	0.31926	0.05720	0.00050	6	1.92	124.00	0
124	Cysteine/Cystine (%)	0969	0.32050	0.01900	0.31926	0.05720	0.00050	6	0.02	124.01	1
125	Glutamic (%)	0969	3.1400	0.16000	3.2214	0.09808	0.06667	6	-0.83	125.01	0
125	Glutamic (%)	0970	3.1500	0.10000	3.2214	0.09808	0.06667	6	-0.73	125.01	0
125	Glutamic (%)	2004	3.1950	0.01000	3.2214	0.09808	0.06667	6	-0.27	125.01	0
125	Glutamic (%)	0504	3.2000	0.10000	3.2214	0.09808	0.06667	6	-0.22	125.00	0
125	Glutamic (%)	0227	3.2750	0.03000	3.2214	0.09808	0.06667	6	0.55	125.00	0
125	Glutamic (%)	0870	3.4349	0.00000	3.2214	0.09808	0.06667	6	2.18	125.00	0
125	Glutamic (%)	2023	0.00000	0.00000	3.2214	0.09808	0.06667	6	-32.84	125.02	4
126	Glycine (%)	0969	0.89200	0.04000	0.94381	0.02637	0.01583	6	-1.96	126.01	0
126	Glycine (%)	0970	0.93000	0.02000	0.94381	0.02637	0.01583	6	-0.52	126.01	0
126	Glycine (%)	0504	0.95000	0.02000	0.94381	0.02637	0.01583	6	0.23	126.00	0
126	Glycine (%)	2004	0.95350	0.00500	0.94381	0.02637	0.01583	6	0.37	126.01	0
126	Glycine (%)	0227	0.95500	0.01000	0.94381	0.02637	0.01583	6	0.42	126.00	0
126	Glycine (%)	0870	0.97010	0.00000	0.94381	0.02637	0.01583	6	1.00	126.00	0
126	Glycine (%)	2023	0.00000	0.00000	0.94381	0.02637	0.01583	6	-35.79	126.02	4
127	Histidine (%)	2004	0.34700	0.00400	0.37950	0.01715	0.01833	6	-1.90	127.01	0
127	Histidine (%)	0870	0.37520	0.00000	0.37950	0.01715	0.01833	6	-0.25	127.00	0
127	Histidine (%)	0970	0.38000	0.02000	0.37950	0.01715	0.01833	6	0.03	127.01	0
127	Histidine (%)	0969	0.38300	0.05600	0.37950	0.01715	0.01833	6	0.20	127.01	0
127	Histidine (%)	0504	0.38500	0.01000	0.37950	0.01715	0.01833	6	0.32	127.00	0
127	Histidine (%)	0227	0.40000	0.02000	0.37950	0.01715	0.01833	6	1.20	127.00	0
127	Histidine (%)	2023	0.00000	0.00000	0.37950	0.01715	0.01833	6	-22.13	127.02	4
128	Isoleucine (%)	0870	0.67470	0.00000	0.72804	0.04544	0.00540	5	-1.17	128.00	0
128	Isoleucine (%)	0227	0.69500	0.01000	0.72804	0.04544	0.00540	5	-0.73	128.00	0
128	Isoleucine (%)	2004	0.72750	0.00700	0.72804	0.04544	0.00540	5	-0.01	128.01	0
128	Isoleucine (%)	0504	0.75500	0.01000	0.72804	0.04544	0.00540	5	0.59	128.00	0
128	Isoleucine (%)	0969	0.78800	0.00000	0.72804	0.04544	0.00540	5	1.32	128.01	0
128	Isoleucine (%)	0970	0.69000	0.04000	0.72804	0.04544	0.00540	5	-0.84	128.01	1
128	Isoleucine (%)	2023	0.00000	0.00000	0.72804	0.04544	0.00540	5	-16.02	128.02	4
129	Leucine (%)	0227	1.0800	0.02000	1.1187	0.03710	0.01000	6	-1.04	129.00	0
129	Leucine (%)	0870	1.0924	0.00000	1.1187	0.03710	0.01000	6	-0.71	129.00	0
129	Leucine (%)	0970	1.1000	0.00000	1.1187	0.03710	0.01000	6	-0.50	129.01	0
129	Leucine (%)	2004	1.1300	0.00000	1.1187	0.03710	0.01000	6	0.30	129.01	0
129	Leucine (%)	0969	1.1500	0.02000	1.1187	0.03710	0.01000	6	0.84	129.01	0
129	Leucine (%)	0504	1.1600	0.02000	1.1187	0.03710	0.01000	6	1.11	129.00	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			
129	Leucine (%)	2023	0.00000	0.00000	1.1187	0.03710	0.01000	6	-30.15	129.02	4
130	L-Lysine (%)	0970	0.92000	0.04000	0.98206	0.05334	0.06263	8	-1.16	130.01	0
130	L-Lysine (%)	0969	0.93300	0.15400	0.98206	0.05334	0.06263	8	-0.92	130.01	0
130	L-Lysine (%)	0227	0.94500	0.07000	0.98206	0.05334	0.06263	8	-0.69	130.00	0
130	L-Lysine (%)	2004	0.97500	0.01200	0.98206	0.05334	0.06263	8	-0.13	130.01	0
130	L-Lysine (%)	0027	0.99100	0.18000	0.98206	0.05334	0.06263	8	0.17	130.05	0
130	L-Lysine (%)	0870	1.0170	0.00000	0.98206	0.05334	0.06263	8	0.66	130.00	0
130	L-Lysine (%)	0512	1.0255	0.02500	0.98206	0.05334	0.06263	8	0.81	130.00	0
130	L-Lysine (%)	0504	1.0500	0.02000	0.98206	0.05334	0.06263	8	1.27	130.00	0
130	L-Lysine (%)	2023	0.00000	0.00000	0.98206	0.05334	0.06263	8	-18.41	130.02	4
131	Methionine (%)	0027	0.27300	0.00600	0.30119	0.02646	0.00618	8	-1.07	131.05	0
131	Methionine (%)	0970	0.27500	0.01000	0.30119	0.02646	0.00618	8	-0.99	131.01	0
131	Methionine (%)	2004	0.28000	0.00400	0.30119	0.02646	0.00618	8	-0.80	131.01	0
131	Methionine (%)	0227	0.30000	0.00000	0.30119	0.02646	0.00618	8	-0.04	131.00	0
131	Methionine (%)	0969	0.31100	0.00800	0.30119	0.02646	0.00618	8	0.37	131.01	0
131	Methionine (%)	0504	0.31500	0.01000	0.30119	0.02646	0.00618	8	0.52	131.00	0
131	Methionine (%)	0870	0.31820	0.00000	0.30119	0.02646	0.00618	8	0.64	131.00	0
131	Methionine (%)	0512	0.33730	0.01140	0.30119	0.02646	0.00618	8	1.36	131.00	0
131	Methionine (%)	2023	0.00000	0.00000	0.30119	0.02646	0.00618	8	-11.38	131.02	4
132	Phenylalanine (%)	0227	0.79500	0.01000	0.82504	0.02790	0.00640	5	-1.08	132.00	0
132	Phenylalanine (%)	0870	0.80520	0.00000	0.82504	0.02790	0.00640	5	-0.71	132.00	0
132	Phenylalanine (%)	2004	0.81600	0.00400	0.82504	0.02790	0.00640	5	-0.32	132.01	0
132	Phenylalanine (%)	0969	0.85400	0.00800	0.82504	0.02790	0.00640	5	1.04	132.01	0
132	Phenylalanine (%)	0504	0.85500	0.01000	0.82504	0.02790	0.00640	5	1.07	132.00	0
132	Phenylalanine (%)	0970	0.82000	0.04000	0.82504	0.02790	0.00640	5	-0.18	132.01	1
132	Phenylalanine (%)	2023	0.00000	0.00000	0.82504	0.02790	0.00640	5	-29.57	132.02	4
133	Proline (%)	0227	0.84000	0.02000	0.85895	0.02423	0.01000	6	-0.78	133.00	0
133	Proline (%)	0970	0.84500	0.01000	0.85895	0.02423	0.01000	6	-0.58	133.99	0
133	Proline (%)	0870	0.84770	0.00000	0.85895	0.02423	0.01000	6	-0.46	133.00	0
133	Proline (%)	0504	0.85000	0.02000	0.85895	0.02423	0.01000	6	-0.37	133.00	0
133	Proline (%)	2004	0.87800	0.00200	0.85895	0.02423	0.01000	6	0.79	133.04	0
133	Proline (%)	0969	0.89300	0.00800	0.85895	0.02423	0.01000	6	1.41	133.99	0
133	Proline (%)	2023	0.89000	0.12000	0.85895	0.02423	0.01000	6	1.28	133.99	1
134	Serine (%)	0504	0.78500	0.03000	0.86238	0.04541	0.01717	6	-1.70	134.00	0
134	Serine (%)	0970	0.85000	0.02000	0.86238	0.04541	0.01717	6	-0.27	134.01	0
134	Serine (%)	0969	0.86250	0.05100	0.86238	0.04541	0.01717	6	0.00	134.01	0
134	Serine (%)	2004	0.87200	0.00200	0.86238	0.04541	0.01717	6	0.21	134.01	0
134	Serine (%)	0227	0.88000	0.00000	0.86238	0.04541	0.01717	6	0.39	134.00	0
134	Serine (%)	0870	0.91550	0.00000	0.86238	0.04541	0.01717	6	1.17	134.00	0
134	Serine (%)	2023	0.00000	0.00000	0.86238	0.04541	0.01717	6	-18.99	134.02	4
135	Threonine (%)	0227	0.61000	0.04000	0.62911	0.02250	0.02157	7	-0.85	135.00	0
135	Threonine (%)	0970	0.61000	0.02000	0.62911	0.02250	0.02157	7	-0.85	135.01	0

Method Group	Analyte Group (Units)	Lab Code	Lab Data		Method Values				AAFCS Z Score	Your Method	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
135	Threonine (%)	0504	0.61500	0.01000	0.62911	0.02250	0.02157	7	-0.63	135.00	0
135	Threonine (%)	2004	0.62450	0.00100	0.62911	0.02250	0.02157	7	-0.20	135.01	0
135	Threonine (%)	0870	0.63940	0.00000	0.62911	0.02250	0.02157	7	0.46	135.00	0
135	Threonine (%)	0969	0.64200	0.01600	0.62911	0.02250	0.02157	7	0.57	135.01	0
135	Threonine (%)	0027	0.72300	0.06400	0.62911	0.02250	0.02157	7	4.17	135.05	0
135	Threonine (%)	2023	0.00000	0.00000	0.62911	0.02250	0.02157	7	-27.97	135.02	4
136	Tryptophan (%)	2023	0.15500	0.01000	0.17918	0.02440	0.00483	6	-0.99	136.02	0
136	Tryptophan (%)	0504	0.16000	0.00000	0.17918	0.02440	0.00483	6	-0.79	136.99	0
136	Tryptophan (%)	0870	0.17660	0.00000	0.17918	0.02440	0.00483	6	-0.11	136.00	0
136	Tryptophan (%)	0969	0.18100	0.00800	0.17918	0.02440	0.00483	6	0.07	136.99	0
136	Tryptophan (%)	2004	0.18750	0.00100	0.17918	0.02440	0.00483	6	0.34	136.99	0
136	Tryptophan (%)	0227	0.21500	0.01000	0.17918	0.02440	0.00483	6	1.47	136.00	0
137	Tyrosine (%)	0870	0.51110	0.00000	0.72595	0.14118	0.01150	6	-1.52	137.00	0
137	Tyrosine (%)	0227	0.69000	0.02000	0.72595	0.14118	0.01150	6	-0.25	137.00	0
137	Tyrosine (%)	0504	0.69500	0.01000	0.72595	0.14118	0.01150	6	-0.22	137.00	0
137	Tyrosine (%)	0970	0.76500	0.03000	0.72595	0.14118	0.01150	6	0.28	137.01	0
137	Tyrosine (%)	2004	0.83650	0.00300	0.72595	0.14118	0.01150	6	0.78	137.01	0
137	Tyrosine (%)	0969	0.85500	0.00600	0.72595	0.14118	0.01150	6	0.91	137.01	0
137	Tyrosine (%)	2023	0.00000	0.00000	0.72595	0.14118	0.01150	6	-5.14	137.02	4
138	Valine (%)	0970	0.77000	0.04000	0.80688	0.03725	0.01967	6	-0.99	138.01	0
138	Valine (%)	2004	0.78800	0.00200	0.80688	0.03725	0.01967	6	-0.51	138.01	0
138	Valine (%)	0227	0.79500	0.01000	0.80688	0.03725	0.01967	6	-0.32	138.00	0
138	Valine (%)	0870	0.79530	0.00000	0.80688	0.03725	0.01967	6	-0.31	138.00	0
138	Valine (%)	0504	0.83500	0.01000	0.80688	0.03725	0.01967	6	0.75	138.00	0
138	Valine (%)	0969	0.85800	0.05600	0.80688	0.03725	0.01967	6	1.37	138.01	0
138	Valine (%)	2023	0.00000	0.00000	0.80688	0.03725	0.01967	6	-21.66	138.02	4
139	Taurine (%)	0504	0.06000	0.00000	0.09500	0.04950	0.00167	3		139.00	0
139	Taurine (%)	0970	0.13000	0.00000	0.09500	0.04950	0.00167	3		139.00	0
139	Taurine (%)	2004	0.16450	0.00500	0.09500	0.04950	0.00167	3		139.01	0
160	Fructose (%)	0970	0.34000	0.00400	0.37463	0.02508	0.00725	4	-1.38	160.99	0
160	Fructose (%)	2004	0.37850	0.00500	0.37463	0.02508	0.00725	4	0.15	160.99	0
160	Fructose (%)	0227	0.38000	0.02000	0.37463	0.02508	0.00725	4	0.21	160.99	0
160	Fructose (%)	0969	0.40000	0.00000	0.37463	0.02508	0.00725	4	1.01	160.99	0
161	Galactose (%)	0969	0.00000	0.00000				0		161.99	4
161	Galactose (%)	0970	0.00000	0.00000				0		161.99	4
161	Galactose (%)	2004	0.00000	0.00000				0		161.99	4
162	Glucose (%)	0969	0.10000	0.00000				2		162.99	0
162	Glucose (%)	2004	0.14150	0.01500				2		162.99	0
162	Glucose (%)	0970	0.00000	0.00000				2		162.99	4
163	Lactose (%)	0969	0.00000	0.00000				0		163.99	4
163	Lactose (%)	0970	0.00000	0.00000				0		163.99	4
163	Lactose (%)	2004	0.00000	0.00000				0		163.99	4

Method Group	Analyte Group (Units)	Lab Code	Lab Data		Method Values				AAFCCO CS Z Score	Your Method	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
164	Maltose (%)	0969	0.00000	0.00000				0		164.99	4
164	Maltose (%)	0970	0.00000	0.00000				0		164.99	4
164	Maltose (%)	2004	0.00000	0.00000				0		164.99	4
165	Sucrose (%)	2004	0.28500	0.02600	0.36150	0.05240	0.01500	4	-1.46	165.99	0
165	Sucrose (%)	0970	0.37100	0.01400	0.36150	0.05240	0.01500	4	0.18	165.99	0
165	Sucrose (%)	0227	0.39000	0.02000	0.36150	0.05240	0.01500	4	0.54	165.99	0
165	Sucrose (%)	0969	0.40000	0.00000	0.36150	0.05240	0.01500	4	0.73	165.99	0
400	Water activity (Units)	2083	0.42750	0.00500				1		400.99	0
516	Arsenic, total (mg / kg (ppm))	0164	0.04250	0.00100	0.11950	0.12228	0.01998	4	-0.63	516.53	0
516	Arsenic, total (mg / kg (ppm))	0555	0.05550	0.00900	0.11950	0.12228	0.01998	4	-0.52	516.52	0
516	Arsenic, total (mg / kg (ppm))	0553	0.26050	0.00500	0.11950	0.12228	0.01998	4	1.15	516.53	0
516	Arsenic, total (mg / kg (ppm))	2124	0.98005	0.06490	0.11950	0.12228	0.01998	4	7.04	516.43	0
518	Cadmium (mg / kg (ppm))	0508	0.16605	0.06310	0.35404	0.06286	0.02252	6	-2.99	518.43	0
518	Cadmium (mg / kg (ppm))	0164	0.33900	0.00800	0.35404	0.06286	0.02252	6	-0.24	518.53	0
518	Cadmium (mg / kg (ppm))	0555	0.34500	0.01000	0.35404	0.06286	0.02252	6	-0.14	518.52	0
518	Cadmium (mg / kg (ppm))	0171	0.36500	0.01000	0.35404	0.06286	0.02252	6	0.17	518.41	0
518	Cadmium (mg / kg (ppm))	0553	0.39600	0.04200	0.35404	0.06286	0.02252	6	0.67	518.53	0
518	Cadmium (mg / kg (ppm))	2124	0.41950	0.00200	0.35404	0.06286	0.02252	6	1.04	518.43	0
520	Chromium (mg / kg (ppm))	0555	0.70500	0.15000	0.93250	0.21641	0.08220	5	-1.05	520.52	0
520	Chromium (mg / kg (ppm))	0553	0.80250	0.11100	0.93250	0.21641	0.08220	5	-0.60	520.53	0
520	Chromium (mg / kg (ppm))	0171	0.91500	0.03000	0.93250	0.21641	0.08220	5	-0.08	520.41	0
520	Chromium (mg / kg (ppm))	2023	0.96500	0.03000	0.93250	0.21641	0.08220	5	0.15	520.53	0
520	Chromium (mg / kg (ppm))	0510	1.2750	0.09000	0.93250	0.21641	0.08220	5	1.58	520.43	0
526	Lead (mg / kg (ppm))	0555	0.08750	0.01100	0.11988	0.03588	0.01475	4	-0.90	526.52	0
526	Lead (mg / kg (ppm))	0164	0.10250	0.00100	0.11988	0.03588	0.01475	4	-0.48	526.53	0
526	Lead (mg / kg (ppm))	0553	0.11950	0.00700	0.11988	0.03588	0.01475	4	-0.01	526.53	0
526	Lead (mg / kg (ppm))	0171	0.17000	0.04000	0.11988	0.03588	0.01475	4	1.40	526.41	0
539	Nickel (mg / kg (ppm))	0171	1.2000	0.00000	1.3454	0.11616	0.18214	5	-1.25	539.41	0
539	Nickel (mg / kg (ppm))	0553	1.2850	0.03000	1.3454	0.11616	0.18214	5	-0.52	539.53	0
539	Nickel (mg / kg (ppm))	2023	1.3350	0.05000	1.3454	0.11616	0.18214	5	-0.09	539.53	0
539	Nickel (mg / kg (ppm))	0555	1.4000	0.40000	1.3454	0.11616	0.18214	5	0.47	539.52	0
539	Nickel (mg / kg (ppm))	0508	1.5070	0.43070	1.3454	0.11616	0.18214	5	1.39	539.43	0

Notes: Interpreting Z Scores: Red indicates a normally distributed Z value >3 or <-3 (requires action), Orange = Z between 2 and 3 or -2 and -3 (warning) and Green = Z < 2 and >-2 (OK at 95%). Flags indicate data usage: 0 = Used, 1 = Rejected for duplicates too far apart, 2 = Rejected as outlier, 8 = Analyst data exempt and 4 = zeros submitted as values. Robust statistics not used if < 6 labs reporting, in this case the Z Scores may be 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.