



Proficiency Testing

Sample # 201542

Brown Rice

All Tests Report
Pet Food Program

Labs Reporting: 56

Issue Date : 07/31/2015

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 (%)	0171	11.300	0.04000	11.469	0.14770	0.05779	9	-1.14	001.07	0
001	Loss on Drying (%)	0027	11.345	0.04500	11.469	0.14770	0.05779	9	-0.84	001.00	0
001	Loss on Drying (%)	0098	11.385	0.07000	11.469	0.14770	0.05779	9	-0.57	001.07	0
001	Loss on Drying (%)	0034	11.395	0.05000	11.469	0.14770	0.05779	9	-0.50	001.00	0
001	Loss on Drying (%)	0510	11.400	0.00000	11.469	0.14770	0.05779	9	-0.47	001.99	0
001	Loss on Drying (%)	0074	11.530	0.08000	11.469	0.14770	0.05779	9	0.41	001.07	0
001	Loss on Drying (%)	0003	11.755	0.03000	11.469	0.14770	0.05779	9	1.94	001.07	0
001	Loss on Drying (%)	0015	11.805	0.05000	11.469	0.14770	0.05779	9	2.27	001.07	0
001	Loss on Drying (%)	0309	12.109	0.15510	11.469	0.14770	0.05779	9	4.33	001.00	0
001	Loss on Drying (%)	0504	11.710	0.34000	11.469	0.14770	0.05779	9	1.63	001.00	1
002	Protein (%)	0047	7.5500	0.10000	8.1284	0.20633	0.09623	52	-2.80	002.06	0
002	Protein (%)	2036	7.7400	0.12000	8.1284	0.20633	0.09623	52	-1.88	002.11	0
002	Protein (%)	0808	7.7500	0.01000	8.1284	0.20633	0.09623	52	-1.83	002.06	0
002	Protein (%)	0811	7.7500	0.10000	8.1284	0.20633	0.09623	52	-1.83	002.06	0
002	Protein (%)	0840	7.8055	0.00100	8.1284	0.20633	0.09623	52	-1.56	002.06	0
002	Protein (%)	0841	7.8100	0.02000	8.1284	0.20633	0.09623	52	-1.54	002.06	0
002	Protein (%)	0098	7.8250	0.09000	8.1284	0.20633	0.09623	52	-1.47	002.08	0
002	Protein (%)	0810	7.8300	0.04000	8.1284	0.20633	0.09623	52	-1.45	002.06	0
002	Protein (%)	2094	7.8450	0.11000	8.1284	0.20633	0.09623	52	-1.37	002.06	0
002	Protein (%)	0842	7.8650	0.07000	8.1284	0.20633	0.09623	52	-1.28	002.06	0
002	Protein (%)	1010	7.9015	0.00300	8.1284	0.20633	0.09623	52	-1.10	002.06	0
002	Protein (%)	0957	7.9200	0.02000	8.1284	0.20633	0.09623	52	-1.01	002.06	0
002	Protein (%)	2023	7.9350	0.03000	8.1284	0.20633	0.09623	52	-0.94	002.01	0
002	Protein (%)	0164	8.0050	0.21000	8.1284	0.20633	0.09623	52	-0.60	002.01	0
002	Protein (%)	0870	8.0235	0.05500	8.1284	0.20633	0.09623	52	-0.51	002.01	0
002	Protein (%)	0098	8.0250	0.07000	8.1284	0.20633	0.09623	52	-0.50	002.06	0
002	Protein (%)	0003	8.0400	0.00000	8.1284	0.20633	0.09623	52	-0.43	002.06	0
002	Protein (%)	0208	8.0415	0.34500	8.1284	0.20633	0.09623	52	-0.42	002.06	0
002	Protein (%)	0208	8.0450	0.09000	8.1284	0.20633	0.09623	52	-0.40	002.08	0
002	Protein (%)	0417	8.0750	0.17000	8.1284	0.20633	0.09623	52	-0.26	002.06	0
002	Protein (%)	0958	8.0800	0.08000	8.1284	0.20633	0.09623	52	-0.23	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 (%)	0792	8.0815	0.13100	8.1284	0.20633	0.09623	52	-0.23	002.06	0
002	Protein (%)	0164	8.1100	0.10000	8.1284	0.20633	0.09623	52	-0.09	002.06	0
002	Protein (%)	2004	8.1200	0.02000	8.1284	0.20633	0.09623	52	-0.04	002.99	0
002	Protein (%)	0074	8.1250	0.29000	8.1284	0.20633	0.09623	52	-0.02	002.06	0
002	Protein (%)	0970	8.1400	0.06000	8.1284	0.20633	0.09623	52	0.06	002.99	0
002	Protein (%)	1005	8.1600	0.08000	8.1284	0.20633	0.09623	52	0.15	002.06	0
002	Protein (%)	0960	8.1650	0.11000	8.1284	0.20633	0.09623	52	0.18	002.06	0
002	Protein (%)	0014	8.1800	0.04000	8.1284	0.20633	0.09623	52	0.25	002.06	0
002	Protein (%)	0553	8.1950	0.21000	8.1284	0.20633	0.09623	52	0.32	002.06	0
002	Protein (%)	2089	8.2250	0.01000	8.1284	0.20633	0.09623	52	0.47	002.06	0
002	Protein (%)	0959	8.2300	0.22000	8.1284	0.20633	0.09623	52	0.49	002.06	0
002	Protein (%)	2023	8.2350	0.05000	8.1284	0.20633	0.09623	52	0.52	002.06	0
002	Protein (%)	0171	8.2450	0.11000	8.1284	0.20633	0.09623	52	0.57	002.06	0
002	Protein (%)	0510	8.2500	0.10000	8.1284	0.20633	0.09623	52	0.59	002.06	0
002	Protein (%)	0504	8.2650	0.05000	8.1284	0.20633	0.09623	52	0.66	002.04	0
002	Protein (%)	0508	8.2673	0.14970	8.1284	0.20633	0.09623	52	0.67	002.06	0
002	Protein (%)	0660	8.2700	0.28000	8.1284	0.20633	0.09623	52	0.69	002.06	0
002	Protein (%)	0794	8.2750	0.07000	8.1284	0.20633	0.09623	52	0.71	002.06	0
002	Protein (%)	0015	8.2800	0.12000	8.1284	0.20633	0.09623	52	0.73	002.05	0
002	Protein (%)	0033	8.2800	0.12000	8.1284	0.20633	0.09623	52	0.73	002.06	0
002	Protein (%)	0034	8.2880	0.21800	8.1284	0.20633	0.09623	52	0.77	002.06	0
002	Protein (%)	0876	8.2900	0.10000	8.1284	0.20633	0.09623	52	0.78	002.06	0
002	Protein (%)	0969	8.3000	0.04000	8.1284	0.20633	0.09623	52	0.83	002.99	0
002	Protein (%)	0789	8.3135	0.08300	8.1284	0.20633	0.09623	52	0.90	002.06	0
002	Protein (%)	0001	8.3250	0.08800	8.1284	0.20633	0.09623	52	0.95	002.06	0
002	Protein (%)	2050	8.3400	0.02000	8.1284	0.20633	0.09623	52	1.03	002.06	0
002	Protein (%)	0511	8.3650	0.29000	8.1284	0.20633	0.09623	52	1.15	002.06	0
002	Protein (%)	0504	8.3750	0.01000	8.1284	0.20633	0.09623	52	1.20	002.06	0
002	Protein (%)	0309	8.4000	0.00000	8.1284	0.20633	0.09623	52	1.32	002.06	0
002	Protein (%)	0202	8.5850	0.03000	8.1284	0.20633	0.09623	52	2.21	002.06	0
002	Protein (%)	0650	8.9550	0.07000	8.1284	0.20633	0.09623	52	4.01	002.06	0
003	Fat (%)	0208	2.2100	0.12000	2.6543	0.13390	0.17609	24	-3.32	003.13	0
003	Fat (%)	0876	2.3900	0.02000	2.6543	0.13390	0.17609	24	-1.97	003.00	0
003	Fat (%)	0047	2.4200	0.00000	2.6543	0.13390	0.17609	24	-1.75	003.99	0
003	Fat (%)	0034	2.4650	0.03000	2.6543	0.13390	0.17609	24	-1.41	003.14	0
003	Fat (%)	0660	2.5150	0.07000	2.6543	0.13390	0.17609	24	-1.04	003.13	0
003	Fat (%)	0098	2.6000	0.02000	2.6543	0.13390	0.17609	24	-0.41	003.13	0
003	Fat (%)	0015	2.6000	0.20000	2.6543	0.13390	0.17609	24	-0.41	003.14	0
003	Fat (%)	0074	2.6100	0.30000	2.6543	0.13390	0.17609	24	-0.33	003.06	0
003	Fat (%)	2023	2.6100	0.06000	2.6543	0.13390	0.17609	24	-0.33	003.14	0
003	Fat (%)	0027	2.6235	0.00100	2.6543	0.13390	0.17609	24	-0.23	003.09	0
003	Fat (%)	0033	2.6350	0.05000	2.6543	0.13390	0.17609	24	-0.14	003.13	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			
003	Fat (%)	0508	2.6494	0.03610	2.6543	0.13390	0.17609	24	-0.04	003.09	0
003	Fat (%)	0510	2.6500	0.10000	2.6543	0.13390	0.17609	24	-0.03	003.09	0
003	Fat (%)	0098	2.6550	0.03000	2.6543	0.13390	0.17609	24	0.00	003.10	0
003	Fat (%)	0553	2.6550	0.05000	2.6543	0.13390	0.17609	24	0.00	003.10	0
003	Fat (%)	0870	2.6710	0.11050	2.6543	0.13390	0.17609	24	0.12	003.10	0
003	Fat (%)	0202	2.7100	0.02000	2.6543	0.13390	0.17609	24	0.42	003.14	0
003	Fat (%)	0171	2.7450	0.09000	2.6543	0.13390	0.17609	24	0.68	003.12	0
003	Fat (%)	0098	2.7550	0.05000	2.6543	0.13390	0.17609	24	0.75	003.09	0
003	Fat (%)	0511	2.8450	0.51000	2.6543	0.13390	0.17609	24	1.42	003.06	0
003	Fat (%)	0504	2.9400	1.0600	2.6543	0.13390	0.17609	24	2.13	003.01	0
003	Fat (%)	2089	3.1900	0.70000	2.6543	0.13390	0.17609	24	4.00	003.13	0
003	Fat (%)	0309	3.4701	0.56860	2.6543	0.13390	0.17609	24	6.09	003.00	0
003	Fat (%)	2036	4.5350	0.03000	2.6543	0.13390	0.17609	24	14.05	003.11	0
003	Fat (%)	0003	2.2600	1.4000	2.6543	0.13390	0.17609	24	-2.95	003.14	1
004	Fiber (%)	0510	0.55000	0.10000	0.89622	0.23215	0.12273	21	-1.49	004.07	0
004	Fiber (%)	0202	0.56500	0.01000	0.89622	0.23215	0.12273	21	-1.43	004.07	0
004	Fiber (%)	0969	0.68500	0.01000	0.89622	0.23215	0.12273	21	-0.91	004.00	0
004	Fiber (%)	2004	0.69100	0.00000	0.89622	0.23215	0.12273	21	-0.88	004.00	0
004	Fiber (%)	0034	0.70000	0.20000	0.89622	0.23215	0.12273	21	-0.85	004.07	0
004	Fiber (%)	0027	0.76350	0.10100	0.89622	0.23215	0.12273	21	-0.57	004.06	0
004	Fiber (%)	0309	0.80635	0.00610	0.89622	0.23215	0.12273	21	-0.39	004.00	0
004	Fiber (%)	0098	0.83000	0.26000	0.89622	0.23215	0.12273	21	-0.29	004.07	0
004	Fiber (%)	0504	0.83000	0.06000	0.89622	0.23215	0.12273	21	-0.29	004.00	0
004	Fiber (%)	0074	0.83500	0.17000	0.89622	0.23215	0.12273	21	-0.26	004.07	0
004	Fiber (%)	0511	0.85000	0.10000	0.89622	0.23215	0.12273	21	-0.20	004.00	0
004	Fiber (%)	2089	0.90000	0.30000	0.89622	0.23215	0.12273	21	0.02	004.03	0
004	Fiber (%)	2023	0.90500	0.05000	0.89622	0.23215	0.12273	21	0.04	004.00	0
004	Fiber (%)	0098	0.95500	0.21000	0.89622	0.23215	0.12273	21	0.25	004.06	0
004	Fiber (%)	0033	0.98000	0.04000	0.89622	0.23215	0.12273	21	0.36	004.07	0
004	Fiber (%)	0171	1.0900	0.12000	0.89622	0.23215	0.12273	21	0.83	004.00	0
004	Fiber (%)	0017	1.1500	0.10000	0.89622	0.23215	0.12273	21	1.09	004.00	0
004	Fiber (%)	2094	1.2450	0.21000	0.89622	0.23215	0.12273	21	1.50	004.00	0
004	Fiber (%)	0208	1.5050	0.19000	0.89622	0.23215	0.12273	21	2.62	004.00	0
004	Fiber (%)	0870	1.5373	0.14020	0.89622	0.23215	0.12273	21	2.76	004.07	0
004	Fiber (%)	0876	2.1000	0.20000	0.89622	0.23215	0.12273	21	5.19	004.00	0
004	Fiber (%)	0003	0.98500	0.71000	0.89622	0.23215	0.12273	21	0.38	004.07	1
004	Fiber (%)	2036	0.12000	0.24000	0.89622	0.23215	0.12273	21	-3.34	004.11	4
005	Ash (%)	0417	0.96500	0.05000	1.3077	0.04960	0.05091	38	-6.91	005.00	0
005	Ash (%)	0811	1.1850	0.07000	1.3077	0.04960	0.05091	38	-2.47	005.00	0
005	Ash (%)	0202	1.2100	0.00000	1.3077	0.04960	0.05091	38	-1.97	005.99	0
005	Ash (%)	0047	1.2500	0.10000	1.3077	0.04960	0.05091	38	-1.16	005.00	0
005	Ash (%)	0957	1.2550	0.05000	1.3077	0.04960	0.05091	38	-1.06	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 (%)	0164	1.2600	0.06000	1.3077	0.04960	0.05091	38	-0.96	005.00	0
005	Ash (%)	0842	1.2650	0.01000	1.3077	0.04960	0.05091	38	-0.86	005.00	0
005	Ash (%)	0171	1.2750	0.03000	1.3077	0.04960	0.05091	38	-0.66	005.00	0
005	Ash (%)	0810	1.2800	0.02000	1.3077	0.04960	0.05091	38	-0.56	005.00	0
005	Ash (%)	0958	1.2800	0.02000	1.3077	0.04960	0.05091	38	-0.56	005.00	0
005	Ash (%)	0001	1.2804	0.00480	1.3077	0.04960	0.05091	38	-0.55	005.00	0
005	Ash (%)	0208	1.2850	0.07000	1.3077	0.04960	0.05091	38	-0.46	005.00	0
005	Ash (%)	0808	1.2850	0.01000	1.3077	0.04960	0.05091	38	-0.46	005.00	0
005	Ash (%)	0841	1.2850	0.01000	1.3077	0.04960	0.05091	38	-0.46	005.00	0
005	Ash (%)	0959	1.2850	0.07000	1.3077	0.04960	0.05091	38	-0.46	005.00	0
005	Ash (%)	0650	1.2900	0.04000	1.3077	0.04960	0.05091	38	-0.36	005.00	0
005	Ash (%)	0840	1.2900	0.02000	1.3077	0.04960	0.05091	38	-0.36	005.00	0
005	Ash (%)	0015	1.2950	0.11000	1.3077	0.04960	0.05091	38	-0.26	005.00	0
005	Ash (%)	0969	1.2950	0.01000	1.3077	0.04960	0.05091	38	-0.26	005.99	0
005	Ash (%)	0870	1.2976	0.02630	1.3077	0.04960	0.05091	38	-0.20	005.00	0
005	Ash (%)	0914	1.3050	0.05000	1.3077	0.04960	0.05091	38	-0.05	005.99	0
005	Ash (%)	2094	1.3050	0.01000	1.3077	0.04960	0.05091	38	-0.05	005.99	0
005	Ash (%)	0511	1.3100	0.02000	1.3077	0.04960	0.05091	38	0.05	005.00	0
005	Ash (%)	0510	1.3250	0.05000	1.3077	0.04960	0.05091	38	0.35	005.00	0
005	Ash (%)	2023	1.3250	0.03000	1.3077	0.04960	0.05091	38	0.35	005.99	0
005	Ash (%)	1010	1.3300	0.02000	1.3077	0.04960	0.05091	38	0.45	005.00	0
005	Ash (%)	0504	1.3400	0.12000	1.3077	0.04960	0.05091	38	0.65	005.00	0
005	Ash (%)	0970	1.3400	0.00000	1.3077	0.04960	0.05091	38	0.65	005.99	0
005	Ash (%)	0027	1.3445	0.01900	1.3077	0.04960	0.05091	38	0.74	005.00	0
005	Ash (%)	0660	1.3650	0.07000	1.3077	0.04960	0.05091	38	1.16	005.00	0
005	Ash (%)	0003	1.3750	0.11000	1.3077	0.04960	0.05091	38	1.36	005.05	0
005	Ash (%)	2004	1.3850	0.17000	1.3077	0.04960	0.05091	38	1.56	005.99	0
005	Ash (%)	0553	1.4000	0.02000	1.3077	0.04960	0.05091	38	1.86	005.00	0
005	Ash (%)	0033	1.4600	0.02000	1.3077	0.04960	0.05091	38	3.07	005.05	0
005	Ash (%)	2036	1.4650	0.01000	1.3077	0.04960	0.05091	38	3.17	005.11	0
005	Ash (%)	0098	1.5300	0.12000	1.3077	0.04960	0.05091	38	4.48	005.00	0
005	Ash (%)	2089	1.6300	0.22000	1.3077	0.04960	0.05091	38	6.50	005.00	0
005	Ash (%)	0309	1.6830	0.09450	1.3077	0.04960	0.05091	38	7.57	005.00	0
005	Ash (%)	0960	1.2050	0.27000	1.3077	0.04960	0.05091	38	-2.07	005.00	1
006	Total sugars (%)	0970	0.70000	0.00000	0.75000	0.07071	0.00033	3	-1.00	006.99	0
006	Total sugars (%)	0969	0.80000	0.00000	0.75000	0.07071	0.00033	3	-0.01	006.99	0
006	Total sugars (%)	2004	0.90250	0.00100	0.75000	0.07071	0.00033	3	1.00	006.99	0
008	Fiber (%)	0870	0.88275	0.00370	1.4284	0.61511	0.18790	4	-1.11	008.08	0
008	Fiber (%)	0309	1.3075	0.11790	1.4284	0.61511	0.18790	4	-0.27	008.02	0
008	Fiber (%)	0504	1.4800	0.58000	1.4284	0.61511	0.18790	4	0.08	008.02	0
008	Fiber (%)	0098	2.0950	0.05000	1.4284	0.61511	0.18790	4	1.30	008.02	0
008	Fiber (%)	2004	0.00000	0.00000	1.4284	0.61511	0.18790	4	-2.87	008.08	4

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			
009	Fiber (%)	2004	2.0000	0.00000	3.0088	1.1081	0.36904	5	-0.91	009.09	0
009	Fiber (%)	0870	2.3667	0.14240	3.0088	1.1081	0.36904	5	-0.58	009.09	0
009	Fiber (%)	2089	2.8200	0.94000	3.0088	1.1081	0.36904	5	-0.17	009.07	0
009	Fiber (%)	0309	2.9922	0.71280	3.0088	1.1081	0.36904	5	-0.01	009.07	0
009	Fiber (%)	0208	4.8650	0.05000	3.0088	1.1081	0.36904	5	1.68	009.07	0
010	Moisture (%)	0969	11.000	0.00000	12.157	0.37527	0.11286	7	-3.08	010.99	0
010	Moisture (%)	2089	11.195	0.41000	12.157	0.37527	0.11286	7	-2.56	010.99	0
010	Moisture (%)	0970	11.600	0.00000	12.157	0.37527	0.11286	7	-1.49	010.99	0
010	Moisture (%)	2036	12.300	0.02000	12.157	0.37527	0.11286	7	0.38	010.11	0
010	Moisture (%)	2004	12.400	0.00000	12.157	0.37527	0.11286	7	0.65	010.99	0
010	Moisture (%)	0208	12.450	0.30000	12.157	0.37527	0.11286	7	0.78	010.03	0
010	Moisture (%)	0164	12.520	0.06000	12.157	0.37527	0.11286	7	0.97	010.03	0
011	Loss on Drying (%)	0510	11.700	0.20000	12.456	0.23720	0.10497	32	-3.19	011.01	0
011	Loss on Drying (%)	0047	11.850	0.10000	12.456	0.23720	0.10497	32	-2.55	011.01	0
011	Loss on Drying (%)	0098	12.030	0.42000	12.456	0.23720	0.10497	32	-1.80	011.01	0
011	Loss on Drying (%)	0511	12.190	0.06000	12.456	0.23720	0.10497	32	-1.12	011.01	0
011	Loss on Drying (%)	0960	12.215	0.13000	12.456	0.23720	0.10497	32	-1.02	011.01	0
011	Loss on Drying (%)	1010	12.245	0.01000	12.456	0.23720	0.10497	32	-0.89	011.03	0
011	Loss on Drying (%)	0309	12.250	0.02000	12.456	0.23720	0.10497	32	-0.87	011.01	0
011	Loss on Drying (%)	0842	12.265	0.05000	12.456	0.23720	0.10497	32	-0.80	011.03	0
011	Loss on Drying (%)	2023	12.315	0.21000	12.456	0.23720	0.10497	32	-0.59	011.02	0
011	Loss on Drying (%)	2083	12.327	0.04900	12.456	0.23720	0.10497	32	-0.55	011.02	0
011	Loss on Drying (%)	0208	12.350	0.10000	12.456	0.23720	0.10497	32	-0.45	011.01	0
011	Loss on Drying (%)	0841	12.390	0.02000	12.456	0.23720	0.10497	32	-0.28	011.03	0
011	Loss on Drying (%)	0553	12.405	0.29000	12.456	0.23720	0.10497	32	-0.21	011.01	0
011	Loss on Drying (%)	1005	12.410	0.02000	12.456	0.23720	0.10497	32	-0.19	011.01	0
011	Loss on Drying (%)	0164	12.430	0.08000	12.456	0.23720	0.10497	32	-0.11	011.01	0
011	Loss on Drying (%)	0202	12.430	0.06000	12.456	0.23720	0.10497	32	-0.11	011.01	0
011	Loss on Drying (%)	0840	12.440	0.04000	12.456	0.23720	0.10497	32	-0.07	011.03	0
011	Loss on Drying (%)	0171	12.450	0.02000	12.456	0.23720	0.10497	32	-0.02	011.01	0
011	Loss on Drying (%)	0789	12.535	0.07000	12.456	0.23720	0.10497	32	0.33	011.01	0
011	Loss on Drying (%)	0957	12.555	0.09000	12.456	0.23720	0.10497	32	0.42	011.01	0
011	Loss on Drying (%)	0650	12.575	0.39000	12.456	0.23720	0.10497	32	0.50	011.01	0
011	Loss on Drying (%)	0660	12.585	0.13000	12.456	0.23720	0.10497	32	0.54	011.01	0
011	Loss on Drying (%)	0033	12.600	0.00000	12.456	0.23720	0.10497	32	0.61	011.01	0
011	Loss on Drying (%)	0811	12.600	0.00000	12.456	0.23720	0.10497	32	0.61	011.01	0
011	Loss on Drying (%)	0792	12.630	0.08000	12.456	0.23720	0.10497	32	0.73	011.01	0
011	Loss on Drying (%)	0810	12.650	0.10000	12.456	0.23720	0.10497	32	0.82	011.03	0
011	Loss on Drying (%)	0417	12.655	0.07000	12.456	0.23720	0.10497	32	0.84	011.02	0
011	Loss on Drying (%)	2094	12.670	0.22000	12.456	0.23720	0.10497	32	0.90	011.01	0
011	Loss on Drying (%)	0794	12.735	0.05000	12.456	0.23720	0.10497	32	1.18	011.01	0
011	Loss on Drying (%)	0808	12.770	0.04000	12.456	0.23720	0.10497	32	1.32	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 (%)	0959	12.845	0.15000	12.456	0.23720	0.10497	32	1.64	011.01	0
011	Loss on Drying (%)	0958	12.875	0.09000	12.456	0.23720	0.10497	32	1.77	011.01	0
011	Loss on Drying (%)	0870	11.892	0.69030	12.456	0.23720	0.10497	32	-2.38	011.01	1
012	Starch (%)	0870	68.884	2.2660	71.316	2.3656	1.0337	7	-1.03	012.01	0
012	Starch (%)	2004	69.050	0.70000	71.316	2.3656	1.0337	7	-0.96	012.01	0
012	Starch (%)	0098	70.700	0.20000	71.316	2.3656	1.0337	7	-0.26	012.03	0
012	Starch (%)	0510	70.700	0.60000	71.316	2.3656	1.0337	7	-0.26	012.04	0
012	Starch (%)	2036	72.110	0.32000	71.316	2.3656	1.0337	7	0.34	012.11	0
012	Starch (%)	2023	73.400	1.0000	71.316	2.3656	1.0337	7	0.88	012.00	0
012	Starch (%)	2089	75.995	2.1500	71.316	2.3656	1.0337	7	1.98	012.02	0
013	Fat (%)	0969	2.8500	0.10000	3.3670	0.22632	0.13802	33	-2.28	013.00	0
013	Fat (%)	1005	2.8600	0.32000	3.3670	0.22632	0.13802	33	-2.24	013.02	0
013	Fat (%)	0555	2.9700	0.06000	3.3670	0.22632	0.13802	33	-1.75	013.00	0
013	Fat (%)	0810	3.0000	0.00000	3.3670	0.22632	0.13802	33	-1.62	013.02	0
013	Fat (%)	0970	3.0500	0.10000	3.3670	0.22632	0.13802	33	-1.40	013.00	0
013	Fat (%)	0792	3.1450	0.29000	3.3670	0.22632	0.13802	33	-0.98	013.02	0
013	Fat (%)	2004	3.2000	0.00000	3.3670	0.22632	0.13802	33	-0.74	013.00	0
013	Fat (%)	0789	3.2200	0.26000	3.3670	0.22632	0.13802	33	-0.65	013.02	0
013	Fat (%)	0553	3.2250	0.39000	3.3670	0.22632	0.13802	33	-0.63	013.02	0
013	Fat (%)	0504	3.2350	0.09000	3.3670	0.22632	0.13802	33	-0.58	013.00	0
013	Fat (%)	0208	3.2350	0.31000	3.3670	0.22632	0.13802	33	-0.58	013.02	0
013	Fat (%)	0309	3.2607	0.47630	3.3670	0.22632	0.13802	33	-0.47	013.00	0
013	Fat (%)	0957	3.3200	0.26000	3.3670	0.22632	0.13802	33	-0.21	013.02	0
013	Fat (%)	0958	3.3350	0.11000	3.3670	0.22632	0.13802	33	-0.14	013.02	0
013	Fat (%)	0202	3.3450	0.03000	3.3670	0.22632	0.13802	33	-0.10	013.00	0
013	Fat (%)	0794	3.3550	0.13000	3.3670	0.22632	0.13802	33	-0.05	013.02	0
013	Fat (%)	0650	3.3750	0.05000	3.3670	0.22632	0.13802	33	0.04	013.02	0
013	Fat (%)	1010	3.4050	0.03000	3.3670	0.22632	0.13802	33	0.17	013.02	0
013	Fat (%)	0098	3.4200	0.18000	3.3670	0.22632	0.13802	33	0.23	013.00	0
013	Fat (%)	0959	3.4200	0.22000	3.3670	0.22632	0.13802	33	0.23	013.02	0
013	Fat (%)	0171	3.4300	0.02000	3.3670	0.22632	0.13802	33	0.28	013.02	0
013	Fat (%)	0660	3.4300	0.24000	3.3670	0.22632	0.13802	33	0.28	013.10	0
013	Fat (%)	0870	3.4416	0.17780	3.3670	0.22632	0.13802	33	0.33	013.02	0
013	Fat (%)	0960	3.4450	0.01000	3.3670	0.22632	0.13802	33	0.34	013.02	0
013	Fat (%)	0164	3.4600	0.06000	3.3670	0.22632	0.13802	33	0.41	013.02	0
013	Fat (%)	0001	3.5013	0.03070	3.3670	0.22632	0.13802	33	0.59	013.02	0
013	Fat (%)	2023	3.5800	0.00000	3.3670	0.22632	0.13802	33	0.94	013.00	0
013	Fat (%)	0842	3.6400	0.08000	3.3670	0.22632	0.13802	33	1.21	013.02	0
013	Fat (%)	0811	3.6500	0.30000	3.3670	0.22632	0.13802	33	1.25	013.02	0
013	Fat (%)	0840	3.6600	0.08000	3.3670	0.22632	0.13802	33	1.29	013.02	0
013	Fat (%)	0841	3.6950	0.01000	3.3670	0.22632	0.13802	33	1.45	013.02	0
013	Fat (%)	0808	3.7050	0.07000	3.3670	0.22632	0.13802	33	1.49	013.02	0

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013	Fat (%)	2094	3.7250	0.07000	3.3670	0.22632	0.13802	33	1.58	013.00	0
015	Aluminum (mg / kg (ppm))	0171	23.050	0.30000			0.30000	1			0
019	Calcium (%)	0870	0.00145	0.00010	0.00996	0.00232	0.00084	24	-3.66	019.42	0
019	Calcium (%)	2023	0.00695	0.00010	0.00996	0.00232	0.00084	24	-1.30	019.44	0
019	Calcium (%)	2004	0.00790	0.00000	0.00996	0.00232	0.00084	24	-0.89	019.44	0
019	Calcium (%)	0164	0.00800	0.00000	0.00996	0.00232	0.00084	24	-0.84	019.41	0
019	Calcium (%)	0504	0.00800	0.00000	0.00996	0.00232	0.00084	24	-0.84	019.42	0
019	Calcium (%)	0098	0.00835	0.00010	0.00996	0.00232	0.00084	24	-0.69	019.41	0
019	Calcium (%)	2094	0.00845	0.00070	0.00996	0.00232	0.00084	24	-0.65	019.43	0
019	Calcium (%)	0051	0.00885	0.00010	0.00996	0.00232	0.00084	24	-0.48	019.41	0
019	Calcium (%)	0970	0.00885	0.00030	0.00996	0.00232	0.00084	24	-0.48	019.44	0
019	Calcium (%)	0555	0.00910	0.00080	0.00996	0.00232	0.00084	24	-0.37	019.42	0
019	Calcium (%)	0553	0.00915	0.00050	0.00996	0.00232	0.00084	24	-0.35	019.41	0
019	Calcium (%)	0964	0.00935	0.00250	0.00996	0.00232	0.00084	24	-0.26	019.43	0
019	Calcium (%)	0650	0.01000	0.00000	0.00996	0.00232	0.00084	24	0.02	019.31	0
019	Calcium (%)	0511	0.01000	0.00000	0.00996	0.00232	0.00084	24	0.02	019.41	0
019	Calcium (%)	0510	0.01000	0.00000	0.00996	0.00232	0.00084	24	0.02	019.43	0
019	Calcium (%)	0969	0.01000	0.00000	0.00996	0.00232	0.00084	24	0.02	019.44	0
019	Calcium (%)	0171	0.01100	0.00000	0.00996	0.00232	0.00084	24	0.45	019.41	0
019	Calcium (%)	0074	0.01150	0.00300	0.00996	0.00232	0.00084	24	0.66	019.41	0
019	Calcium (%)	0208	0.01200	0.00400	0.00996	0.00232	0.00084	24	0.88	019.41	0
019	Calcium (%)	0098	0.01440	0.00100	0.00996	0.00232	0.00084	24	1.91	019.43	0
019	Calcium (%)	0014	0.01450	0.00100	0.00996	0.00232	0.00084	24	1.96	019.31	0
019	Calcium (%)	0017	0.01700	0.00600	0.00996	0.00232	0.00084	24	3.03	019.43	0
019	Calcium (%)	0047	0.02000	0.00000	0.00996	0.00232	0.00084	24	4.33	019.52	0
019	Calcium (%)	0202	0.03000	0.00000	0.00996	0.00232	0.00084	24	8.63	019.42	0
019	Calcium (%)	2089	0.01500	0.01000	0.00996	0.00232	0.00084	24	2.17	019.41	1
019	Calcium (%)	0003	0.04500	0.01000	0.00996	0.00232	0.00084	24	15.09	019.41	1
019	Calcium (%)	0508	0.15130	0.00000	0.00996	0.00232	0.00084	24	60.87	019.43	2
021	Cobalt (mg / kg (ppm))	0553	0.03295	0.01010	0.07393	0.03735	0.00885	4	-1.10	021.53	0
021	Cobalt (mg / kg (ppm))	0964	0.05775	0.01530	0.07393	0.03735	0.00885	4	-0.43	021.43	0
021	Cobalt (mg / kg (ppm))	0171	0.08500	0.01000	0.07393	0.03735	0.00885	4	0.30	021.41	0
021	Cobalt (mg / kg (ppm))	0510	0.12000	0.00000	0.07393	0.03735	0.00885	4	1.23	021.43	0
021	Cobalt (mg / kg (ppm))	0555	0.00000	0.00000	0.07393	0.03735	0.00885	4	-1.98	021.52	4
022	Copper (mg / kg (ppm))	0164	2.3500	0.30000	3.2649	0.19692	0.28507	15	-4.65	022.41	0
022	Copper (mg / kg (ppm))	0510	3.0000	0.00000	3.2649	0.19692	0.28507	15	-1.35	022.43	0
022	Copper (mg / kg (ppm))	0555	3.1000	1.0000	3.2649	0.19692	0.28507	15	-0.84	022.52	0
022	Copper (mg / kg (ppm))	2023	3.1350	0.09000	3.2649	0.19692	0.28507	15	-0.66	022.53	0
022	Copper (mg / kg (ppm))	2004	3.1450	0.21000	3.2649	0.19692	0.28507	15	-0.61	022.44	0
022	Copper (mg / kg (ppm))	0970	3.1950	0.11000	3.2649	0.19692	0.28507	15	-0.36	022.44	0
022	Copper (mg / kg (ppm))	0964	3.2150	0.35000	3.2649	0.19692	0.28507	15	-0.25	022.43	0
022	Copper (mg / kg (ppm))	0555	3.2500	0.30000	3.2649	0.19692	0.28507	15	-0.08	022.42	0

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022	Copper (mg / kg (ppm))	0969	3.3150	0.01000	3.2649	0.19692	0.28507	15	0.25	022.44	0
022	Copper (mg / kg (ppm))	0098	3.3400	0.24000	3.2649	0.19692	0.28507	15	0.38	022.41	0
022	Copper (mg / kg (ppm))	0098	3.3500	0.22000	3.2649	0.19692	0.28507	15	0.43	022.43	0
022	Copper (mg / kg (ppm))	0870	3.4170	0.03600	3.2649	0.19692	0.28507	15	0.77	022.42	0
022	Copper (mg / kg (ppm))	0171	3.9000	0.00000	3.2649	0.19692	0.28507	15	3.23	022.41	0
022	Copper (mg / kg (ppm))	0051	4.9450	1.3900	3.2649	0.19692	0.28507	15	8.53	022.41	0
022	Copper (mg / kg (ppm))	0202	4.9900	0.02000	3.2649	0.19692	0.28507	15	8.76	022.42	0
022	Copper (mg / kg (ppm))	0003	6.5000	3.0000	3.2649	0.19692	0.28507	15	16.43	022.41	1
024	Iodine (mg / kg (ppm))	0969	0.00000	0.00000				0			4
024	Iodine (mg / kg (ppm))	0970	0.00000	0.00000				0			4
024	Iodine (mg / kg (ppm))	2004	0.00000	0.00000				0			4
025	Iron (mg / kg (ppm))	0511	9.5000	3.0000	12.555	0.90673	1.6789	19	-3.37	025.41	0
025	Iron (mg / kg (ppm))	2023	11.350	0.70000	12.555	0.90673	1.6789	19	-1.33	025.43	0
025	Iron (mg / kg (ppm))	2004	11.450	0.10000	12.555	0.90673	1.6789	19	-1.22	025.41	0
025	Iron (mg / kg (ppm))	0969	11.750	0.10000	12.555	0.90673	1.6789	19	-0.89	025.41	0
025	Iron (mg / kg (ppm))	0208	12.000	2.0000	12.555	0.90673	1.6789	19	-0.61	025.31	0
025	Iron (mg / kg (ppm))	0164	12.000	0.00000	12.555	0.90673	1.6789	19	-0.61	025.41	0
025	Iron (mg / kg (ppm))	0555	12.000	2.0000	12.555	0.90673	1.6789	19	-0.61	025.42	0
025	Iron (mg / kg (ppm))	0970	12.350	0.50000	12.555	0.90673	1.6789	19	-0.23	025.41	0
025	Iron (mg / kg (ppm))	0051	12.500	1.0000	12.555	0.90673	1.6789	19	-0.06	025.41	0
025	Iron (mg / kg (ppm))	0074	12.500	1.0000	12.555	0.90673	1.6789	19	-0.06	025.41	0
025	Iron (mg / kg (ppm))	0555	12.500	5.0000	12.555	0.90673	1.6789	19	-0.06	025.52	0
025	Iron (mg / kg (ppm))	0870	12.810	0.70000	12.555	0.90673	1.6789	19	0.28	025.42	0
025	Iron (mg / kg (ppm))	0964	12.850	1.6000	12.555	0.90673	1.6789	19	0.33	025.43	0
025	Iron (mg / kg (ppm))	0510	13.000	0.00000	12.555	0.90673	1.6789	19	0.49	025.43	0
025	Iron (mg / kg (ppm))	0098	14.395	0.11000	12.555	0.90673	1.6789	19	2.03	025.43	0
025	Iron (mg / kg (ppm))	0171	14.400	0.80000	12.555	0.90673	1.6789	19	2.03	025.41	0
025	Iron (mg / kg (ppm))	0047	15.400	1.6000	12.555	0.90673	1.6789	19	3.14	025.52	0
025	Iron (mg / kg (ppm))	0098	16.225	2.6900	12.555	0.90673	1.6789	19	4.05	025.41	0
025	Iron (mg / kg (ppm))	0003	24.500	9.0000	12.555	0.90673	1.6789	19	13.17	025.41	0
025	Iron (mg / kg (ppm))	0017	7.4900	9.6000	12.555	0.90673	1.6789	19	-5.59	025.43	1
027	Magnesium (%)	2004	0.09955	0.00050	0.11317	0.00537	0.00289	27	-2.54	027.44	0
027	Magnesium (%)	0171	0.10400	0.00000	0.11317	0.00537	0.00289	27	-1.71	027.41	0
027	Magnesium (%)	0074	0.10550	0.00100	0.11317	0.00537	0.00289	27	-1.43	027.41	0
027	Magnesium (%)	0164	0.10600	0.00000	0.11317	0.00537	0.00289	27	-1.34	027.41	0
027	Magnesium (%)	2023	0.10750	0.00100	0.11317	0.00537	0.00289	27	-1.06	027.44	0
027	Magnesium (%)	0553	0.10900	0.00200	0.11317	0.00537	0.00289	27	-0.78	027.41	0
027	Magnesium (%)	2089	0.11000	0.00000	0.11317	0.00537	0.00289	27	-0.59	027.41	0
027	Magnesium (%)	0510	0.11000	0.00000	0.11317	0.00537	0.00289	27	-0.59	027.43	0
027	Magnesium (%)	0969	0.11000	0.00000	0.11317	0.00537	0.00289	27	-0.59	027.44	0
027	Magnesium (%)	0047	0.11000	0.00000	0.11317	0.00537	0.00289	27	-0.59	027.52	0
027	Magnesium (%)	0964	0.11150	0.01140	0.11317	0.00537	0.00289	27	-0.31	027.43	0

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027	Magnesium (%)	0014	0.11200	0.00200	0.11317	0.00537	0.00289	27	-0.22	027.31	0
027	Magnesium (%)	0034	0.11290	0.00160	0.11317	0.00537	0.00289	27	-0.05	027.43	0
027	Magnesium (%)	0870	0.11305	0.00130	0.11317	0.00537	0.00289	27	-0.02	027.42	0
027	Magnesium (%)	0208	0.11350	0.00300	0.11317	0.00537	0.00289	27	0.06	027.31	0
027	Magnesium (%)	0555	0.11435	0.01410	0.11317	0.00537	0.00289	27	0.22	027.42	0
027	Magnesium (%)	0003	0.11500	0.01000	0.11317	0.00537	0.00289	27	0.34	027.41	0
027	Magnesium (%)	0511	0.11500	0.01000	0.11317	0.00537	0.00289	27	0.34	027.41	0
027	Magnesium (%)	0017	0.11500	0.01000	0.11317	0.00537	0.00289	27	0.34	027.43	0
027	Magnesium (%)	0051	0.11610	0.00040	0.11317	0.00537	0.00289	27	0.55	027.41	0
027	Magnesium (%)	0970	0.11650	0.00500	0.11317	0.00537	0.00289	27	0.62	027.44	0
027	Magnesium (%)	0098	0.12000	0.00000	0.11317	0.00537	0.00289	27	1.27	027.41	0
027	Magnesium (%)	0208	0.12000	0.00400	0.11317	0.00537	0.00289	27	1.27	027.41	0
027	Magnesium (%)	0202	0.12000	0.00000	0.11317	0.00537	0.00289	27	1.27	027.42	0
027	Magnesium (%)	0033	0.12000	0.00000	0.11317	0.00537	0.00289	27	1.27	027.43	0
027	Magnesium (%)	0098	0.12000	0.00000	0.11317	0.00537	0.00289	27	1.27	027.43	0
027	Magnesium (%)	0508	0.13330	0.00060	0.11317	0.00537	0.00289	27	3.75	027.43	0
027	Magnesium (%)	0650	604.06	1,207.9	0.11317	0.00537	0.00289	27	112526.95	027.31	2
028	Manganese (mg / kg (ppm))	0555	29.500	5.0000	32.545	2.0282	1.2754	25	-1.50	028.52	0
028	Manganese (mg / kg (ppm))	0033	29.550	1.5000	32.545	2.0282	1.2754	25	-1.48	028.43	0
028	Manganese (mg / kg (ppm))	0511	30.000	2.0000	32.545	2.0282	1.2754	25	-1.25	028.41	0
028	Manganese (mg / kg (ppm))	0870	30.350	1.1600	32.545	2.0282	1.2754	25	-1.08	028.42	0
028	Manganese (mg / kg (ppm))	0510	30.500	1.0000	32.545	2.0282	1.2754	25	-1.01	028.43	0
028	Manganese (mg / kg (ppm))	2023	30.650	0.50000	32.545	2.0282	1.2754	25	-0.93	028.44	0
028	Manganese (mg / kg (ppm))	0047	30.650	1.9000	32.545	2.0282	1.2754	25	-0.93	028.52	0
028	Manganese (mg / kg (ppm))	0017	31.050	1.9000	32.545	2.0282	1.2754	25	-0.74	028.43	0
028	Manganese (mg / kg (ppm))	0074	31.500	1.0000	32.545	2.0282	1.2754	25	-0.52	028.41	0
028	Manganese (mg / kg (ppm))	0202	32.490	0.94000	32.545	2.0282	1.2754	25	-0.03	028.42	0
028	Manganese (mg / kg (ppm))	2089	32.570	0.08000	32.545	2.0282	1.2754	25	0.01	028.41	0
028	Manganese (mg / kg (ppm))	0051	32.810	0.20000	32.545	2.0282	1.2754	25	0.13	028.41	0
028	Manganese (mg / kg (ppm))	0164	33.000	0.00000	32.545	2.0282	1.2754	25	0.22	028.41	0
028	Manganese (mg / kg (ppm))	0553	33.000	1.0000	32.545	2.0282	1.2754	25	0.22	028.41	0
028	Manganese (mg / kg (ppm))	0555	33.000	4.0000	32.545	2.0282	1.2754	25	0.22	028.42	0
028	Manganese (mg / kg (ppm))	0964	33.083	2.5750	32.545	2.0282	1.2754	25	0.26	028.43	0
028	Manganese (mg / kg (ppm))	2004	33.200	1.0000	32.545	2.0282	1.2754	25	0.32	028.44	0
028	Manganese (mg / kg (ppm))	0208	33.435	1.9700	32.545	2.0282	1.2754	25	0.44	028.41	0
028	Manganese (mg / kg (ppm))	0969	33.700	0.40000	32.545	2.0282	1.2754	25	0.57	028.44	0
028	Manganese (mg / kg (ppm))	0171	33.800	0.20000	32.545	2.0282	1.2754	25	0.62	028.41	0
028	Manganese (mg / kg (ppm))	0098	33.940	0.92000	32.545	2.0282	1.2754	25	0.69	028.41	0
028	Manganese (mg / kg (ppm))	0098	34.370	0.02000	32.545	2.0282	1.2754	25	0.90	028.43	0
028	Manganese (mg / kg (ppm))	0970	35.450	1.5000	32.545	2.0282	1.2754	25	1.43	028.44	0
028	Manganese (mg / kg (ppm))	0003	37.000	0.00000	32.545	2.0282	1.2754	25	2.20	028.41	0
028	Manganese (mg / kg (ppm))	0508	52.612	1.1190	32.545	2.0282	1.2754	25	9.89	028.43	0

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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
028	Manganese (mg / kg (ppm))	0208	33.150	7.9000	32.545	2.0282	1.2754	25	0.30	028.31	1
031	Phosphorus (%)	2023	0.27650	0.00700	0.32895	0.01640	0.00940	31	-3.20	031.44	0
031	Phosphorus (%)	0208	0.30750	0.03900	0.32895	0.01640	0.00940	31	-1.31	031.01	0
031	Phosphorus (%)	0047	0.31000	0.00000	0.32895	0.01640	0.00940	31	-1.16	031.03	0
031	Phosphorus (%)	0504	0.31250	0.01700	0.32895	0.01640	0.00940	31	-1.00	031.42	0
031	Phosphorus (%)	0051	0.31315	0.00090	0.32895	0.01640	0.00940	31	-0.96	031.41	0
031	Phosphorus (%)	0553	0.31600	0.01000	0.32895	0.01640	0.00940	31	-0.79	031.41	0
031	Phosphorus (%)	0870	0.31615	0.01090	0.32895	0.01640	0.00940	31	-0.78	031.42	0
031	Phosphorus (%)	0074	0.31800	0.00400	0.32895	0.01640	0.00940	31	-0.67	031.41	0
031	Phosphorus (%)	2004	0.31800	0.01200	0.32895	0.01640	0.00940	31	-0.67	031.44	0
031	Phosphorus (%)	0555	0.31820	0.03800	0.32895	0.01640	0.00940	31	-0.66	031.42	0
031	Phosphorus (%)	0164	0.32000	0.00000	0.32895	0.01640	0.00940	31	-0.55	031.41	0
031	Phosphorus (%)	0171	0.32000	0.00000	0.32895	0.01640	0.00940	31	-0.55	031.41	0
031	Phosphorus (%)	0969	0.32000	0.00000	0.32895	0.01640	0.00940	31	-0.55	031.44	0
031	Phosphorus (%)	0964	0.32400	0.02640	0.32895	0.01640	0.00940	31	-0.30	031.43	0
031	Phosphorus (%)	2089	0.32500	0.01000	0.32895	0.01640	0.00940	31	-0.24	031.41	0
031	Phosphorus (%)	0510	0.32500	0.01000	0.32895	0.01640	0.00940	31	-0.24	031.43	0
031	Phosphorus (%)	0504	0.33000	0.00000	0.32895	0.01640	0.00940	31	0.06	031.03	0
031	Phosphorus (%)	0970	0.33050	0.01500	0.32895	0.01640	0.00940	31	0.09	031.44	0
031	Phosphorus (%)	0650	0.33500	0.03000	0.32895	0.01640	0.00940	31	0.37	031.01	0
031	Phosphorus (%)	0511	0.33500	0.01000	0.32895	0.01640	0.00940	31	0.37	031.01	0
031	Phosphorus (%)	0034	0.33650	0.00200	0.32895	0.01640	0.00940	31	0.46	031.43	0
031	Phosphorus (%)	0098	0.33820	0.02160	0.32895	0.01640	0.00940	31	0.56	031.41	0
031	Phosphorus (%)	0017	0.34000	0.00000	0.32895	0.01640	0.00940	31	0.67	031.43	0
031	Phosphorus (%)	0014	0.34150	0.00100	0.32895	0.01640	0.00940	31	0.77	031.42	0
031	Phosphorus (%)	0033	0.34500	0.01000	0.32895	0.01640	0.00940	31	0.98	031.43	0
031	Phosphorus (%)	2094	0.34550	0.00700	0.32895	0.01640	0.00940	31	1.01	031.43	0
031	Phosphorus (%)	0202	0.35000	0.00000	0.32895	0.01640	0.00940	31	1.28	031.42	0
031	Phosphorus (%)	0098	0.35110	0.00480	0.32895	0.01640	0.00940	31	1.35	031.43	0
031	Phosphorus (%)	0208	0.35350	0.00300	0.32895	0.01640	0.00940	31	1.50	031.41	0
031	Phosphorus (%)	0508	0.36730	0.00180	0.32895	0.01640	0.00940	31	2.34	031.43	0
031	Phosphorus (%)	0003	0.37000	0.00000	0.32895	0.01640	0.00940	31	2.50	031.41	0
032	Potassium (%)	2004	0.22050	0.00300	0.24779	0.01586	0.01233	23	-1.72	032.44	0
032	Potassium (%)	0164	0.22500	0.01000	0.24779	0.01586	0.01233	23	-1.44	032.41	0
032	Potassium (%)	2023	0.22850	0.00500	0.24779	0.01586	0.01233	23	-1.22	032.44	0
032	Potassium (%)	0202	0.23000	0.00000	0.24779	0.01586	0.01233	23	-1.12	032.42	0
032	Potassium (%)	0504	0.23500	0.01000	0.24779	0.01586	0.01233	23	-0.81	032.02	0
032	Potassium (%)	0504	0.23900	0.00800	0.24779	0.01586	0.01233	23	-0.55	032.42	0
032	Potassium (%)	0014	0.23950	0.00700	0.24779	0.01586	0.01233	23	-0.52	032.31	0
032	Potassium (%)	0511	0.24000	0.04000	0.24779	0.01586	0.01233	23	-0.49	032.41	0
032	Potassium (%)	0510	0.24000	0.02000	0.24779	0.01586	0.01233	23	-0.49	032.43	0
032	Potassium (%)	0553	0.24500	0.00200	0.24779	0.01586	0.01233	23	-0.18	032.41	0

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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
032	Potassium (%)	0051	0.24680	0.00000	0.24779	0.01586	0.01233	23	-0.06	032.41	0
032	Potassium (%)	0964	0.24775	0.03190	0.24779	0.01586	0.01233	23	0.00	032.43	0
032	Potassium (%)	0969	0.25000	0.00000	0.24779	0.01586	0.01233	23	0.14	032.44	0
032	Potassium (%)	0171	0.25050	0.00100	0.24779	0.01586	0.01233	23	0.17	032.41	0
032	Potassium (%)	0970	0.25350	0.01100	0.24779	0.01586	0.01233	23	0.36	032.44	0
032	Potassium (%)	0033	0.25500	0.01000	0.24779	0.01586	0.01233	23	0.45	032.43	0
032	Potassium (%)	0870	0.25805	0.01050	0.24779	0.01586	0.01233	23	0.65	032.42	0
032	Potassium (%)	0208	0.25950	0.04300	0.24779	0.01586	0.01233	23	0.74	032.41	0
032	Potassium (%)	0098	0.26000	0.02000	0.24779	0.01586	0.01233	23	0.77	032.43	0
032	Potassium (%)	0003	0.26500	0.01000	0.24779	0.01586	0.01233	23	1.09	032.41	0
032	Potassium (%)	0098	0.26500	0.01000	0.24779	0.01586	0.01233	23	1.09	032.41	0
032	Potassium (%)	2089	0.27500	0.03000	0.24779	0.01586	0.01233	23	1.72	032.41	0
032	Potassium (%)	0508	0.29255	0.00130	0.24779	0.01586	0.01233	23	2.82	032.43	0
032	Potassium (%)	0555	1,274.1	2,547.8	0.24779	0.01586	0.01233	23	80337.24	032.42	2
033	Salt as chloride (%)	0309	0.00200	0.00000	0.05410	0.03922	0.00500	5	-1.33	033.00	0
033	Salt as chloride (%)	0171	0.03850	0.00500	0.05410	0.03922	0.00500	5	-0.40	033.05	0
033	Salt as chloride (%)	0098	0.06000	0.00000	0.05410	0.03922	0.00500	5	0.15	033.01	0
033	Salt as chloride (%)	0650	0.06000	0.00000	0.05410	0.03922	0.00500	5	0.15	033.01	0
033	Salt as chloride (%)	0510	0.11000	0.02000	0.05410	0.03922	0.00500	5	1.43	033.01	0
033	Salt as chloride (%)	0504	0.00000	0.00000	0.05410	0.03922	0.00500	5	-1.38	033.00	4
033	Salt as chloride (%)	2023	0.02500	0.05000	0.05410	0.03922	0.00500	5	-0.74	033.01	4
034	Selenium (mg / kg (ppm))	0171	0.11500	0.01000	0.14684	0.01237	0.01318	9	-2.57	034.04	0
034	Selenium (mg / kg (ppm))	0553	0.13700	0.03600	0.14684	0.01237	0.01318	9	-0.80	034.53	0
034	Selenium (mg / kg (ppm))	0969	0.14000	0.02000	0.14684	0.01237	0.01318	9	-0.55	034.99	0
034	Selenium (mg / kg (ppm))	2004	0.14400	0.00400	0.14684	0.01237	0.01318	9	-0.23	034.99	0
034	Selenium (mg / kg (ppm))	0555	0.14500	0.03000	0.14684	0.01237	0.01318	9	-0.15	034.52	0
034	Selenium (mg / kg (ppm))	0970	0.15300	0.00000	0.14684	0.01237	0.01318	9	0.50	034.99	0
034	Selenium (mg / kg (ppm))	0164	0.15500	0.01000	0.14684	0.01237	0.01318	9	0.66	034.04	0
034	Selenium (mg / kg (ppm))	0098	0.15650	0.00100	0.14684	0.01237	0.01318	9	0.78	034.01	0
034	Selenium (mg / kg (ppm))	0964	0.31840	0.00760	0.14684	0.01237	0.01318	9	13.87	034.43	0
034	Selenium (mg / kg (ppm))	2023	0.00000	0.00000	0.14684	0.01237	0.01318	9	-11.87	034.53	4
035	Sodium (%)	0504	0.00100	0.00000	0.00401	0.00298	0.00061	17	-1.01	035.42	0
035	Sodium (%)	0964	0.00100	0.00040	0.00401	0.00298	0.00061	17	-1.01	035.43	0
035	Sodium (%)	0970	0.00120	0.00000	0.00401	0.00298	0.00061	17	-0.94	035.41	0
035	Sodium (%)	0504	0.00150	0.00100	0.00401	0.00298	0.00061	17	-0.84	035.05	0
035	Sodium (%)	0051	0.00175	0.00010	0.00401	0.00298	0.00061	17	-0.76	035.41	0
035	Sodium (%)	0164	0.00200	0.00000	0.00401	0.00298	0.00061	17	-0.67	035.41	0
035	Sodium (%)	0508	0.00225	0.00070	0.00401	0.00298	0.00061	17	-0.59	035.43	0
035	Sodium (%)	0098	0.00265	0.00030	0.00401	0.00298	0.00061	17	-0.45	035.43	0
035	Sodium (%)	0555	0.00325	0.00050	0.00401	0.00298	0.00061	17	-0.25	035.42	0
035	Sodium (%)	0171	0.00425	0.00010	0.00401	0.00298	0.00061	17	0.08	035.41	0
035	Sodium (%)	0870	0.00470	0.00020	0.00401	0.00298	0.00061	17	0.23	035.42	0

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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
035	Sodium (%)	0098	0.00550	0.00000	0.00401	0.00298	0.00061	17	0.50	035.41	0
035	Sodium (%)	0553	0.00580	0.00200	0.00401	0.00298	0.00061	17	0.60	035.41	0
035	Sodium (%)	0650	0.01000	0.00000	0.00401	0.00298	0.00061	17	2.01	035.31	0
035	Sodium (%)	0202	0.01000	0.00000	0.00401	0.00298	0.00061	17	2.01	035.42	0
035	Sodium (%)	2023	0.01050	0.00300	0.00401	0.00298	0.00061	17	2.18	035.41	0
035	Sodium (%)	0208	0.01300	0.00200	0.00401	0.00298	0.00061	17	3.02	035.41	0
035	Sodium (%)	0017	0.01550	0.01100	0.00401	0.00298	0.00061	17	3.85	035.43	1
035	Sodium (%)	0969	0.00000	0.00000	0.00401	0.00298	0.00061	17	-1.34	035.41	4
035	Sodium (%)	2004	0.00000	0.00000	0.00401	0.00298	0.00061	17	-1.34	035.41	4
035	Sodium (%)	2089	0.00000	0.00000	0.00401	0.00298	0.00061	17	-1.34	035.41	4
036	Sulfur (%)	0555	0.09285	0.00750	0.10148	0.00568	0.00244	10	-1.52	036.42	0
036	Sulfur (%)	0870	0.09625	0.00330	0.10148	0.00568	0.00244	10	-0.92	036.42	0
036	Sulfur (%)	0171	0.09950	0.00100	0.10148	0.00568	0.00244	10	-0.35	036.42	0
036	Sulfur (%)	0164	0.10000	0.00000	0.10148	0.00568	0.00244	10	-0.26	036.42	0
036	Sulfur (%)	0202	0.10000	0.00000	0.10148	0.00568	0.00244	10	-0.26	036.42	0
036	Sulfur (%)	0510	0.10000	0.00000	0.10148	0.00568	0.00244	10	-0.26	036.43	0
036	Sulfur (%)	0964	0.10345	0.00530	0.10148	0.00568	0.00244	10	0.35	036.43	0
036	Sulfur (%)	0098	0.10660	0.00440	0.10148	0.00568	0.00244	10	0.90	036.43	0
036	Sulfur (%)	0098	0.11050	0.00100	0.10148	0.00568	0.00244	10	1.59	036.04	0
036	Sulfur (%)	0508	0.11765	0.00190	0.10148	0.00568	0.00244	10	2.85	036.43	0
037	Zinc (mg / kg (ppm))	0555	21.000	6.0000	23.164	1.5686	1.2852	23	-1.38	037.52	0
037	Zinc (mg / kg (ppm))	2004	21.300	1.4000	23.164	1.5686	1.2852	23	-1.19	037.44	0
037	Zinc (mg / kg (ppm))	0870	21.425	1.4500	23.164	1.5686	1.2852	23	-1.11	037.42	0
037	Zinc (mg / kg (ppm))	0511	21.500	3.0000	23.164	1.5686	1.2852	23	-1.06	037.41	0
037	Zinc (mg / kg (ppm))	2023	21.950	0.50000	23.164	1.5686	1.2852	23	-0.77	037.43	0
037	Zinc (mg / kg (ppm))	0074	22.000	0.00000	23.164	1.5686	1.2852	23	-0.74	037.41	0
037	Zinc (mg / kg (ppm))	0510	22.500	1.0000	23.164	1.5686	1.2852	23	-0.42	037.43	0
037	Zinc (mg / kg (ppm))	0964	22.535	1.3300	23.164	1.5686	1.2852	23	-0.40	037.43	0
037	Zinc (mg / kg (ppm))	2089	22.625	0.39000	23.164	1.5686	1.2852	23	-0.34	037.41	0
037	Zinc (mg / kg (ppm))	0017	22.640	1.2800	23.164	1.5686	1.2852	23	-0.33	037.43	0
037	Zinc (mg / kg (ppm))	0208	22.950	2.3000	23.164	1.5686	1.2852	23	-0.14	037.31	0
037	Zinc (mg / kg (ppm))	0555	23.000	4.0000	23.164	1.5686	1.2852	23	-0.10	037.42	0
037	Zinc (mg / kg (ppm))	0202	23.030	0.02000	23.164	1.5686	1.2852	23	-0.09	037.42	0
037	Zinc (mg / kg (ppm))	0047	23.100	1.6000	23.164	1.5686	1.2852	23	-0.04	037.52	0
037	Zinc (mg / kg (ppm))	0553	23.300	0.00000	23.164	1.5686	1.2852	23	0.09	037.41	0
037	Zinc (mg / kg (ppm))	0164	23.500	1.0000	23.164	1.5686	1.2852	23	0.21	037.41	0
037	Zinc (mg / kg (ppm))	0969	23.600	0.20000	23.164	1.5686	1.2852	23	0.28	037.44	0
037	Zinc (mg / kg (ppm))	0970	24.850	1.1000	23.164	1.5686	1.2852	23	1.07	037.44	0
037	Zinc (mg / kg (ppm))	0051	25.080	0.36000	23.164	1.5686	1.2852	23	1.22	037.41	0
037	Zinc (mg / kg (ppm))	0098	25.520	0.94000	23.164	1.5686	1.2852	23	1.50	037.41	0
037	Zinc (mg / kg (ppm))	0098	26.055	0.69000	23.164	1.5686	1.2852	23	1.84	037.43	0
037	Zinc (mg / kg (ppm))	0171	29.700	1.0000	23.164	1.5686	1.2852	23	4.17	037.41	0

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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
037	Zinc (mg / kg (ppm))	0003	31.000	0.00000	23.164	1.5686	1.2852	23	5.00	037.41	0
037	Zinc (mg / kg (ppm))	0208	32.080	14.860	23.164	1.5686	1.2852	23	5.68	037.41	1
037	Zinc (mg / kg (ppm))	0508	58.502	12.502	23.164	1.5686	1.2852	23	22.53	037.43	2
038	Molybdenum (mg / kg (ppm))	0553	0.71400	0.21200	0.81822	0.03823	0.06607	7	-2.73	038.53	0
038	Molybdenum (mg / kg (ppm))	0171	0.80000	0.00000	0.81822	0.03823	0.06607	7	-0.48	038.41	0
038	Molybdenum (mg / kg (ppm))	0510	0.80000	0.00000	0.81822	0.03823	0.06607	7	-0.48	038.43	0
038	Molybdenum (mg / kg (ppm))	0555	0.81500	0.05000	0.81822	0.03823	0.06607	7	-0.08	038.42	0
038	Molybdenum (mg / kg (ppm))	0964	0.83755	0.10050	0.81822	0.03823	0.06607	7	0.51	038.43	0
038	Molybdenum (mg / kg (ppm))	2023	0.84500	0.03000	0.81822	0.03823	0.06607	7	0.70	038.53	0
038	Molybdenum (mg / kg (ppm))	0555	0.91500	0.07000	0.81822	0.03823	0.06607	7	2.53	038.52	0
038	Molybdenum (mg / kg (ppm))	0508	24.939	0.27700	0.81822	0.03823	0.06607	7	630.96	038.43	2
040	Barium (mg / kg (ppm))	0555	0.36000	0.20000			0.20000	1			0
041	Vanadium (mg / kg (ppm))	0555	0.25000	0.10000			0.10000	1			0
042	Chloride (%)	0969	0.02000	0.00000	0.02150	0.00212	0.00040	3	-0.86	042.00	0
042	Chloride (%)	0970	0.02300	0.00000	0.02150	0.00212	0.00040	3	-0.24	042.99	0
042	Chloride (%)	2004	0.02950	0.00120	0.02150	0.00212	0.00040	3	1.10	042.00	0
101	Choline Chloride (mg / kg (ppm))	0969	970.50	13.000			24.500	2	-0.71	101.01	0
101	Choline Chloride (mg / kg (ppm))	2004	1,002.0	36.000			24.500	2	0.71	101.01	0
102	Niacin (mg / kg (ppm))	0969	66.400	0.40000	67.183	0.68981	1.3000	3	-1.14	102.01	0
102	Niacin (mg / kg (ppm))	2004	67.450	1.3000	67.183	0.68981	1.3000	3	0.39	102.01	0
102	Niacin (mg / kg (ppm))	0208	67.700	2.2000	67.183	0.68981	1.3000	3	0.75	102.01	0
103	Pantothenic Acid (mg / kg (ppm))	2004	7.9000	0.20000			0.10000	2	-0.71	103.02	0
103	Pantothenic Acid (mg / kg (ppm))	0969	16.700	0.00000			0.10000	2	0.71	103.02	0
104	Riboflavin (mg / kg (ppm))	0969	1.2000	0.00000	1.3000	0.13229	0.13333	3	-0.76	104.02	0
104	Riboflavin (mg / kg (ppm))	2004	1.2500	0.10000	1.3000	0.13229	0.13333	3	-0.38	104.02	0
104	Riboflavin (mg / kg (ppm))	2023	1.4500	0.30000	1.3000	0.13229	0.13333	3	1.13	104.03	0
105	Thiamine (mg / kg (ppm))	0208	3.4110	0.12600	3.8903	0.56013	0.05650	4	-0.86	105.00	0
105	Thiamine (mg / kg (ppm))	2004	3.7000	0.00000	3.8903	0.56013	0.05650	4	-0.34	105.99	0
105	Thiamine (mg / kg (ppm))	0969	3.7500	0.10000	3.8903	0.56013	0.05650	4	-0.25	105.99	0
105	Thiamine (mg / kg (ppm))	2023	4.7000	0.00000	3.8903	0.56013	0.05650	4	1.45	105.00	0
106	Vitamin A (KU / kg)	0969	0.00000	0.00000				0			4
106	Vitamin A (KU / kg)	0970	0.00000	0.00000				0			4
106	Vitamin A (KU / kg)	2004	0.00000	0.00000				0			4
106	Vitamin A (KU / kg)	2023	0.00000	0.00000				0			4
107	Vitamin B12 (µg / kg (ppb))	0969	0.00000	0.00000				0			4
107	Vitamin B12 (µg / kg (ppb))	2004	0.00000	0.00000				0			4
108	Vitamin D3 (KU / kg)	2023	0.00000	0.00000				0			4
108	Vitamin D3 (KU / kg)	0969	0.00000	0.00000				0			4
108	Vitamin D3 (KU / kg)	0970	0.00000	0.00000				0			4
108	Vitamin D3 (KU / kg)	2004	0.00000	0.00000				0			4
109	Vitamin E (mg / kg (ppm))	2004	7.2800	0.00000	7.9333	0.64758	0.47000	4	-0.53	109.02	0
109	Vitamin E (mg / kg (ppm))	0970	7.9450	0.15000	7.9333	0.64758	0.47000	4	-0.50	109.02	0

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109	Vitamin E (mg / kg (ppm))	0969	8.5750	0.33000	7.9333	0.64758	0.47000	4	-0.47	109.02	0
109	Vitamin E (mg / kg (ppm))	2023	56.500	1.4000	7.9333	0.64758	0.47000	4	1.50	109.02	0
112	Pyridoxine (µg / g)	2004	1.7300	0.02000			25.010	2	-0.71	112.00	0
112	Pyridoxine (µg / g)	0969	1,585.0	50.000			25.010	2	0.71	112.00	0
113	Folic Acid (mg / kg (ppm))	0969	0.20000	0.04000			0.03350	2	-0.71	113.01	0
113	Folic Acid (mg / kg (ppm))	2004	0.23950	0.02700			0.03350	2	0.71	113.01	0
114	Biotin (mg / kg (ppm))	2004	0.04100	0.00400			0.00700	2	-0.71	114.01	0
114	Biotin (mg / kg (ppm))	0969	0.05500	0.01000			0.00700	2	0.71	114.01	0
120	Alanine (%)	0171	0.41000	0.02000	0.44959	0.01449	0.00654	8	-2.73	120.00	0
120	Alanine (%)	0227	0.44000	0.00000	0.44959	0.01449	0.00654	8	-0.66	120.00	0
120	Alanine (%)	2023	0.44000	0.00000	0.44959	0.01449	0.00654	8	-0.66	120.02	0
120	Alanine (%)	0870	0.44725	0.01130	0.44959	0.01449	0.00654	8	-0.16	120.00	0
120	Alanine (%)	0504	0.45500	0.01000	0.44959	0.01449	0.00654	8	0.37	120.00	0
120	Alanine (%)	2004	0.45550	0.00300	0.44959	0.01449	0.00654	8	0.41	120.01	0
120	Alanine (%)	0970	0.45900	0.00800	0.44959	0.01449	0.00654	8	0.65	120.01	0
120	Alanine (%)	0969	0.47000	0.00000	0.44959	0.01449	0.00654	8	1.41	120.01	0
121	Arginine (%)	0870	0.57670	0.01380	0.65753	0.06328	0.01410	8	-1.28	121.00	0
121	Arginine (%)	0504	0.60000	0.06000	0.65753	0.06328	0.01410	8	-0.91	121.00	0
121	Arginine (%)	0227	0.63500	0.01000	0.65753	0.06328	0.01410	8	-0.36	121.00	0
121	Arginine (%)	2023	0.64000	0.00000	0.65753	0.06328	0.01410	8	-0.28	121.02	0
121	Arginine (%)	0171	0.66000	0.02000	0.65753	0.06328	0.01410	8	0.04	121.00	0
121	Arginine (%)	2004	0.69300	0.00200	0.65753	0.06328	0.01410	8	0.56	121.01	0
121	Arginine (%)	0970	0.72550	0.00700	0.65753	0.06328	0.01410	8	1.07	121.01	0
121	Arginine (%)	0969	0.73000	0.00000	0.65753	0.06328	0.01410	8	1.15	121.01	0
121	Arginine (%)	0160	0.75000	0.10000	0.65753	0.06328	0.01410	8	1.46	121.00	1
122	Aspartic (%)	0504	0.68000	0.02000	0.69919	0.01710	0.01464	9	-1.12	122.00	0
122	Aspartic (%)	0870	0.68500	0.01780	0.69919	0.01710	0.01464	9	-0.83	122.00	0
122	Aspartic (%)	2023	0.68500	0.01000	0.69919	0.01710	0.01464	9	-0.83	122.02	0
122	Aspartic (%)	0970	0.69300	0.00800	0.69919	0.01710	0.01464	9	-0.36	122.01	0
122	Aspartic (%)	0227	0.69500	0.01000	0.69919	0.01710	0.01464	9	-0.25	122.00	0
122	Aspartic (%)	2004	0.70300	0.00600	0.69919	0.01710	0.01464	9	0.22	122.01	0
122	Aspartic (%)	0969	0.72000	0.02000	0.69919	0.01710	0.01464	9	1.22	122.01	0
122	Aspartic (%)	0160	0.76000	0.02000	0.69919	0.01710	0.01464	9	3.56	122.00	0
122	Aspartic (%)	0171	0.85000	0.02000	0.69919	0.01710	0.01464	9	8.82	122.00	0
124	Cysteine/Cystine (%)	0504	0.16000	0.02000	0.17872	0.01439	0.01331	9	-1.30	124.00	0
124	Cysteine/Cystine (%)	0870	0.16600	0.00280	0.17872	0.01439	0.01331	9	-0.88	124.00	0
124	Cysteine/Cystine (%)	0227	0.17000	0.00000	0.17872	0.01439	0.01331	9	-0.61	124.00	0
124	Cysteine/Cystine (%)	2004	0.17250	0.00700	0.17872	0.01439	0.01331	9	-0.43	124.01	0
124	Cysteine/Cystine (%)	0970	0.18000	0.01000	0.17872	0.01439	0.01331	9	0.09	124.01	0
124	Cysteine/Cystine (%)	0171	0.18500	0.01000	0.17872	0.01439	0.01331	9	0.44	124.00	0
124	Cysteine/Cystine (%)	0969	0.18500	0.01000	0.17872	0.01439	0.01331	9	0.44	124.01	0
124	Cysteine/Cystine (%)	0160	0.19000	0.04000	0.17872	0.01439	0.01331	9	0.78	124.00	0

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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
124	Cysteine/Cystine (%)	2023	0.20000	0.02000	0.17872	0.01439	0.01331	9	1.48	124.02	0
125	Glutamic (%)	0227	1.2850	0.01000	1.3144	0.03028	0.01540	8	-0.97	125.00	0
125	Glutamic (%)	2023	1.2900	0.02000	1.3144	0.03028	0.01540	8	-0.81	125.02	0
125	Glutamic (%)	0870	1.2929	0.03320	1.3144	0.03028	0.01540	8	-0.71	125.00	0
125	Glutamic (%)	0970	1.3000	0.00000	1.3144	0.03028	0.01540	8	-0.48	125.01	0
125	Glutamic (%)	2004	1.3200	0.00000	1.3144	0.03028	0.01540	8	0.18	125.01	0
125	Glutamic (%)	0504	1.3250	0.01000	1.3144	0.03028	0.01540	8	0.35	125.00	0
125	Glutamic (%)	0969	1.3650	0.01000	1.3144	0.03028	0.01540	8	1.67	125.01	0
125	Glutamic (%)	0171	1.4600	0.04000	1.3144	0.03028	0.01540	8	4.81	125.00	0
126	Glycine (%)	0969	0.35500	0.01000	0.36829	0.01227	0.00690	7	-1.08	126.01	0
126	Glycine (%)	2023	0.35500	0.01000	0.36829	0.01227	0.00690	7	-1.08	126.02	0
126	Glycine (%)	0970	0.36700	0.00600	0.36829	0.01227	0.00690	7	-0.11	126.01	0
126	Glycine (%)	0870	0.36965	0.00930	0.36829	0.01227	0.00690	7	0.11	126.00	0
126	Glycine (%)	0227	0.37000	0.00000	0.36829	0.01227	0.00690	7	0.14	126.00	0
126	Glycine (%)	2004	0.37650	0.00300	0.36829	0.01227	0.00690	7	0.67	126.01	0
126	Glycine (%)	0504	0.38500	0.01000	0.36829	0.01227	0.00690	7	1.36	126.00	0
126	Glycine (%)	0171	0.44500	0.09000	0.36829	0.01227	0.00690	7	6.25	126.00	1
127	Histidine (%)	0870	0.18480	0.00380	0.19888	0.01365	0.00460	8	-1.03	127.00	0
127	Histidine (%)	2004	0.18800	0.00000	0.19888	0.01365	0.00460	8	-0.80	127.01	0
127	Histidine (%)	0969	0.19000	0.00000	0.19888	0.01365	0.00460	8	-0.65	127.01	0
127	Histidine (%)	0227	0.19500	0.01000	0.19888	0.01365	0.00460	8	-0.28	127.00	0
127	Histidine (%)	0504	0.19500	0.01000	0.19888	0.01365	0.00460	8	-0.28	127.00	0
127	Histidine (%)	2023	0.21000	0.00000	0.19888	0.01365	0.00460	8	0.81	127.02	0
127	Histidine (%)	0970	0.21450	0.00300	0.19888	0.01365	0.00460	8	1.14	127.01	0
127	Histidine (%)	0171	0.21500	0.01000	0.19888	0.01365	0.00460	8	1.18	127.00	0
128	Isoleucine (%)	0870	0.26970	0.00480	0.31228	0.01673	0.00776	9	-2.54	128.00	0
128	Isoleucine (%)	2023	0.28000	0.00000	0.31228	0.01673	0.00776	9	-1.93	128.02	0
128	Isoleucine (%)	0227	0.30500	0.01000	0.31228	0.01673	0.00776	9	-0.43	128.00	0
128	Isoleucine (%)	0504	0.30500	0.01000	0.31228	0.01673	0.00776	9	-0.43	128.00	0
128	Isoleucine (%)	2004	0.31400	0.01400	0.31228	0.01673	0.00776	9	0.10	128.01	0
128	Isoleucine (%)	0160	0.31500	0.01000	0.31228	0.01673	0.00776	9	0.16	128.00	0
128	Isoleucine (%)	0970	0.31550	0.00100	0.31228	0.01673	0.00776	9	0.19	128.01	0
128	Isoleucine (%)	0171	0.33500	0.01000	0.31228	0.01673	0.00776	9	1.36	128.00	0
128	Isoleucine (%)	0969	0.33500	0.01000	0.31228	0.01673	0.00776	9	1.36	128.01	0
129	Leucine (%)	0870	0.56385	0.01550	0.62336	0.03862	0.00994	8	-1.54	129.00	0
129	Leucine (%)	2023	0.59500	0.01000	0.62336	0.03862	0.00994	8	-0.73	129.02	0
129	Leucine (%)	0227	0.60000	0.02000	0.62336	0.03862	0.00994	8	-0.60	129.00	0
129	Leucine (%)	0970	0.62350	0.00300	0.62336	0.03862	0.00994	8	0.00	129.01	0
129	Leucine (%)	2004	0.63150	0.00100	0.62336	0.03862	0.00994	8	0.21	129.01	0
129	Leucine (%)	0504	0.63500	0.01000	0.62336	0.03862	0.00994	8	0.30	129.00	0
129	Leucine (%)	0969	0.65000	0.00000	0.62336	0.03862	0.00994	8	0.69	129.01	0
129	Leucine (%)	0171	0.68000	0.02000	0.62336	0.03862	0.00994	8	1.47	129.00	0

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130	L-Lysine (%)	0969	0.26500	0.01000	0.31329	0.03353	0.00727	9	-1.44	130.01	0
130	L-Lysine (%)	2004	0.29200	0.00200	0.31329	0.03353	0.00727	9	-0.63	130.01	0
130	L-Lysine (%)	0870	0.29270	0.00840	0.31329	0.03353	0.00727	9	-0.61	130.00	0
130	L-Lysine (%)	0208	0.30000	0.00000	0.31329	0.03353	0.00727	9	-0.40	130.99	0
130	L-Lysine (%)	2023	0.31500	0.01000	0.31329	0.03353	0.00727	9	0.05	130.02	0
130	L-Lysine (%)	0027	0.31700	0.01200	0.31329	0.03353	0.00727	9	0.11	130.05	0
130	L-Lysine (%)	0171	0.33000	0.02000	0.31329	0.03353	0.00727	9	0.50	130.00	0
130	L-Lysine (%)	0970	0.34750	0.00300	0.31329	0.03353	0.00727	9	1.02	130.01	0
130	L-Lysine (%)	0504	0.36000	0.00000	0.31329	0.03353	0.00727	9	1.39	130.00	0
130	L-Lysine (%)	0227	0.33500	0.05000	0.31329	0.03353	0.00727	9	0.65	130.00	1
131	Methionine (%)	0160	0.19000	0.02000	0.19760	0.00521	0.00794	8	-1.46	131.00	0
131	Methionine (%)	0970	0.19250	0.00300	0.19760	0.00521	0.00794	8	-0.98	131.01	0
131	Methionine (%)	2023	0.19500	0.01000	0.19760	0.00521	0.00794	8	-0.50	131.02	0
131	Methionine (%)	0870	0.19615	0.00050	0.19760	0.00521	0.00794	8	-0.28	131.00	0
131	Methionine (%)	0171	0.20000	0.02000	0.19760	0.00521	0.00794	8	0.46	131.00	0
131	Methionine (%)	0504	0.20000	0.00000	0.19760	0.00521	0.00794	8	0.46	131.00	0
131	Methionine (%)	2004	0.20100	0.00000	0.19760	0.00521	0.00794	8	0.65	131.01	0
131	Methionine (%)	0969	0.21500	0.01000	0.19760	0.00521	0.00794	8	3.34	131.01	0
132	Phenylalanine (%)	2023	0.36500	0.01000	0.39287	0.02086	0.00859	8	-1.34	132.02	0
132	Phenylalanine (%)	0870	0.37095	0.01070	0.39287	0.02086	0.00859	8	-1.05	132.00	0
132	Phenylalanine (%)	0227	0.38500	0.01000	0.39287	0.02086	0.00859	8	-0.38	132.00	0
132	Phenylalanine (%)	0504	0.39500	0.01000	0.39287	0.02086	0.00859	8	0.10	132.00	0
132	Phenylalanine (%)	2004	0.39750	0.00500	0.39287	0.02086	0.00859	8	0.22	132.01	0
132	Phenylalanine (%)	0970	0.39950	0.00300	0.39287	0.02086	0.00859	8	0.32	132.01	0
132	Phenylalanine (%)	0171	0.41500	0.01000	0.39287	0.02086	0.00859	8	1.06	132.00	0
132	Phenylalanine (%)	0969	0.41500	0.01000	0.39287	0.02086	0.00859	8	1.06	132.01	0
133	Proline (%)	0870	0.33885	0.01210	0.35973	0.01751	0.00573	7	-1.19	133.00	0
133	Proline (%)	0171	0.34500	0.01000	0.35973	0.01751	0.00573	7	-0.84	133.00	0
133	Proline (%)	2004	0.35200	0.00400	0.35973	0.01751	0.00573	7	-0.44	133.04	0
133	Proline (%)	0969	0.36000	0.00000	0.35973	0.01751	0.00573	7	0.02	133.99	0
133	Proline (%)	0504	0.37000	0.00000	0.35973	0.01751	0.00573	7	0.59	133.00	0
133	Proline (%)	0970	0.37000	0.00400	0.35973	0.01751	0.00573	7	0.59	133.99	0
133	Proline (%)	2023	0.39500	0.01000	0.35973	0.01751	0.00573	7	2.01	133.99	0
133	Proline (%)	0227	0.34000	0.04000	0.35973	0.01751	0.00573	7	-1.13	133.00	1
134	Serine (%)	0504	0.37000	0.02000	0.38496	0.01406	0.01101	7	-1.06	134.00	0
134	Serine (%)	2023	0.37500	0.01000	0.38496	0.01406	0.01101	7	-0.71	134.02	0
134	Serine (%)	0870	0.37695	0.01210	0.38496	0.01406	0.01101	7	-0.57	134.00	0
134	Serine (%)	0227	0.38000	0.00000	0.38496	0.01406	0.01101	7	-0.35	134.00	0
134	Serine (%)	0969	0.39500	0.01000	0.38496	0.01406	0.01101	7	0.71	134.01	0
134	Serine (%)	0970	0.39550	0.00500	0.38496	0.01406	0.01101	7	0.75	134.01	0
134	Serine (%)	0171	0.41000	0.02000	0.38496	0.01406	0.01101	7	1.78	134.00	0
134	Serine (%)	2004	0.35100	0.06600	0.38496	0.01406	0.01101	7	-2.42	134.01	1

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			
135	Threonine (%)	0970	0.26300	0.00400	0.27490	0.00663	0.00935	8	-1.80	135.01	0
135	Threonine (%)	0870	0.26670	0.00780	0.27490	0.00663	0.00935	8	-1.24	135.00	0
135	Threonine (%)	0227	0.27500	0.01000	0.27490	0.00663	0.00935	8	0.02	135.00	0
135	Threonine (%)	0504	0.27500	0.01000	0.27490	0.00663	0.00935	8	0.02	135.00	0
135	Threonine (%)	2023	0.27500	0.01000	0.27490	0.00663	0.00935	8	0.02	135.02	0
135	Threonine (%)	2004	0.27750	0.00300	0.27490	0.00663	0.00935	8	0.39	135.01	0
135	Threonine (%)	0171	0.28000	0.02000	0.27490	0.00663	0.00935	8	0.77	135.00	0
135	Threonine (%)	0969	0.28500	0.01000	0.27490	0.00663	0.00935	8	1.52	135.01	0
136	Tryptophan (%)	0870	0.06715	0.00930	0.10514	0.02476	0.00476	7	-1.53	136.00	0
136	Tryptophan (%)	2023	0.08000	0.00000	0.10514	0.02476	0.00476	7	-1.02	136.02	0
136	Tryptophan (%)	0969	0.09500	0.01000	0.10514	0.02476	0.00476	7	-0.41	136.99	0
136	Tryptophan (%)	2004	0.10700	0.00400	0.10514	0.02476	0.00476	7	0.08	136.99	0
136	Tryptophan (%)	0160	0.12000	0.00000	0.10514	0.02476	0.00476	7	0.60	136.00	0
136	Tryptophan (%)	0227	0.12000	0.00000	0.10514	0.02476	0.00476	7	0.60	136.00	0
136	Tryptophan (%)	0970	1.1950	0.01000	0.10514	0.02476	0.00476	7	44.02	136.99	0
137	Tyrosine (%)	0870	0.20990	0.01200	0.31940	0.09543	0.00350	6	-1.15	137.00	0
137	Tyrosine (%)	2023	0.25000	0.00000	0.31940	0.09543	0.00350	6	-0.73	137.02	0
137	Tyrosine (%)	0171	0.28000	0.00000	0.31940	0.09543	0.00350	6	-0.41	137.00	0
137	Tyrosine (%)	0970	0.37650	0.00500	0.31940	0.09543	0.00350	6	0.60	137.01	0
137	Tyrosine (%)	2004	0.38000	0.00400	0.31940	0.09543	0.00350	6	0.63	137.01	0
137	Tyrosine (%)	0969	0.42000	0.00000	0.31940	0.09543	0.00350	6	1.05	137.01	0
137	Tyrosine (%)	0227	0.28000	0.04000	0.31940	0.09543	0.00350	6	-0.41	137.00	1
138	Valine (%)	2023	0.39500	0.01000	0.44573	0.02849	0.01231	9	-1.78	138.02	0
138	Valine (%)	0160	0.40500	0.01000	0.44573	0.02849	0.01231	9	-1.43	138.00	0
138	Valine (%)	0870	0.43240	0.00980	0.44573	0.02849	0.01231	9	-0.47	138.00	0
138	Valine (%)	0504	0.44500	0.03000	0.44573	0.02849	0.01231	9	-0.03	138.00	0
138	Valine (%)	0171	0.45000	0.02000	0.44573	0.02849	0.01231	9	0.15	138.00	0
138	Valine (%)	0227	0.45000	0.00000	0.44573	0.02849	0.01231	9	0.15	138.00	0
138	Valine (%)	2004	0.45350	0.02100	0.44573	0.02849	0.01231	9	0.27	138.01	0
138	Valine (%)	0970	0.47400	0.00000	0.44573	0.02849	0.01231	9	0.99	138.01	0
138	Valine (%)	0969	0.48500	0.01000	0.44573	0.02849	0.01231	9	1.38	138.01	0
139	Taurine (%)	0171	0.02750	0.00300				1			0
139	Taurine (%)	0969	0.00000	0.00000				1			4
139	Taurine (%)	0970	0.00000	0.00000				1			4
139	Taurine (%)	2004	0.00000	0.00000				1			4
160	Fructose (%)	2004	0.05010	0.00480				1			0
160	Fructose (%)	0969	0.00000	0.00000				1			4
160	Fructose (%)	0970	0.00000	0.00000				1			4
161	Galactose (%)	0969	0.00000	0.00000				0			4
161	Galactose (%)	0970	0.00000	0.00000				0			4
161	Galactose (%)	2004	0.00000	0.00000				0			4
162	Glucose (%)	2004	0.10150	0.00900				1			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			
162	Glucose (%)	0969	0.00000	0.00000				1		4	
162	Glucose (%)	0970	0.00000	0.00000				1		4	
163	Lactose (%)	0969	0.00000	0.00000				0		4	
163	Lactose (%)	0970	0.00000	0.00000				0		4	
163	Lactose (%)	2004	0.00000	0.00000				0		4	
164	Maltose (%)	2004	0.03755	0.00230				1		0	
164	Maltose (%)	0969	0.00000	0.00000				1		4	
164	Maltose (%)	0970	0.00000	0.00000				1		4	
165	Sucrose (%)	0970	0.70000	0.00000	0.73783	0.05426	0.01675	4	-0.81	165.99	0
165	Sucrose (%)	2004	0.71350	0.00700	0.73783	0.05426	0.01675	4	-0.50	165.99	0
165	Sucrose (%)	0227	0.73000	0.06000	0.73783	0.05426	0.01675	4	-0.13	165.99	0
165	Sucrose (%)	0969	0.80000	0.00000	0.73783	0.05426	0.01675	4	1.44	165.99	0
400	Water activity (Units)	2083	0.52850	0.00100			0.00100	1			0
516	Arsenic, total (mg / kg (ppm))	0553	0.15750	0.04300	0.17250	0.01639	0.02767	3	-0.91	516.53	0
516	Arsenic, total (mg / kg (ppm))	0171	0.17000	0.00000	0.17250	0.01639	0.02767	3	-0.15	516.00	0
516	Arsenic, total (mg / kg (ppm))	0555	0.19000	0.04000	0.17250	0.01639	0.02767	3	1.07	516.52	0
516	Arsenic, total (mg / kg (ppm))	0555	0.00000	0.00000	0.17250	0.01639	0.02767	3	-10.52	516.42	4
518	Cadmium (mg / kg (ppm))	0553	0.01595	0.00110	0.02140	0.00627	0.00100	3	-0.87	518.53	0
518	Cadmium (mg / kg (ppm))	0171	0.02000	0.00000	0.02140	0.00627	0.00100	3	-0.22	518.41	0
518	Cadmium (mg / kg (ppm))	0964	0.02825	0.00190	0.02140	0.00627	0.00100	3	1.09	518.43	0
518	Cadmium (mg / kg (ppm))	0555	0.00000	0.00000	0.02140	0.00627	0.00100	3	-3.41	518.42	4
518	Cadmium (mg / kg (ppm))	0555	0.00000	0.00000	0.02140	0.00627	0.00100	3	-3.41	518.52	4
520	Chromium (mg / kg (ppm))	2023	0.07500	0.01000	0.17620	0.08161	0.07848	5	-1.36	520.53	0
520	Chromium (mg / kg (ppm))	0171	0.17500	0.03000	0.17620	0.08161	0.07848	5	-0.31	520.41	0
520	Chromium (mg / kg (ppm))	0510	0.18000	0.02000	0.17620	0.08161	0.07848	5	-0.26	520.43	0
520	Chromium (mg / kg (ppm))	0964	0.27480	0.05240	0.17620	0.08161	0.07848	5	0.73	520.43	0
520	Chromium (mg / kg (ppm))	0555	0.32000	0.28000	0.17620	0.08161	0.07848	5	1.20	520.52	0
526	Lead (mg / kg (ppm))	0508	23.174	0.46300				1			0
526	Lead (mg / kg (ppm))	0171	0.00000	0.00000				1			4
526	Lead (mg / kg (ppm))	0555	0.00000	0.00000				1			4
529	Mercury (µg / kg (ppb))	0555	0.00000	0.00000			0.00000	0			4
539	Nickel (mg / kg (ppm))	0171	0.04500	0.01000	0.21746	0.13330	0.06842	5	-0.81	539.41	0
539	Nickel (mg / kg (ppm))	0553	0.21150	0.04300	0.21746	0.13330	0.06842	5	-0.45	539.53	0
539	Nickel (mg / kg (ppm))	2023	0.24500	0.01000	0.21746	0.13330	0.06842	5	-0.37	539.53	0
539	Nickel (mg / kg (ppm))	0964	0.36835	0.07910	0.21746	0.13330	0.06842	5	-0.10	539.43	0
539	Nickel (mg / kg (ppm))	0555	1.2000	0.20000	0.21746	0.13330	0.06842	5	1.73	539.52	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 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.