



Minerals Scheme

Corn

Test Material Code # 202153

Analyte Summary Report

Labs Reporting: 33

Analytes Reported: 16

Issue Date : 10/31/2021

Analyte Group Code	Analyte and Method	Total # Tests Submitted	# Tests in Robust Calcs	Raw Mean	Raw SD	Assigned Value Robust Mean	Horwitz SD	Uncertainty (U) Robust	% RSD - Horwitz	Average Range (R-bar)	Thompson Horwitz %RSD
015	Aluminum (ppm)	21	21	906.7	143.3	919.6	52.67	25.75	5.73%	36.50	5.73%
017	Boron (ppm)	12	11	22.41	18.28	17.05	1.780	0.8223	10.44%	1.256	10.44%
021	Cobalt (ppm)	23	23	22.05	5.078	22.63	2.264	0.3840	10.00%	0.7899	10.00%
022	Copper (ppm)	29	26	5.383	0.9054	5.270	0.6565	0.1728	12.46%	0.2453	12.46%
023	Fluorine (ppm)	2	2	105.7	20.22						
024	Iodine (ppm)	2	2	0.1850	0.0071						
034	Selenium, Total (Se) (ppm)	22	15	0.2237	0.1564	0.1768	0.0367	0.0157	20.76%	0.0229	20.76%
036	Sulfur (%)	21	20	0.3856	0.0290	0.3872	0.0179	0.0078	4.61%	0.0039	4.61%
038	Molybdenum (ppm)	20	17	0.6438	0.0778	0.6597	0.1123	0.0125	17.03%	0.0605	17.03%
041	Vanadium (ppm)	14	14	47.47	5.354	46.69	4.188	1.405	8.97%	2.050	8.97%
516	Arsenic, Total (As) (ppm)	25	23	9.484	2.111	9.442	1.077	0.4685	11.41%	0.3526	11.41%
518	Cadmium (ppm)	27	25	2.719	0.2399	2.730	0.3754	0.0402	13.75%	0.1509	13.75%
520	Chromium, Total (Cr) (ppm)	20	12	0.7868	1.152	0.4617	0.0830	0.0931	17.97%	0.0454	17.97%
526	Lead (ppm)	26	24	2.357	0.3409	2.324	0.3274	0.0723	14.09%	0.1274	14.09%
529	Mercury (ppb)	19	17	1,259	922.8	1,214	188.6	284.2	15.54%	94.29	15.54%
539	Nickel (ppm)	18	14	0.4724	0.1711	0.4429	0.0801	0.0333	18.08%	0.0457	18.08%

Notes: Robust statistics not used if < 6 labs reporting. In this case Means and SD's may be reported based on Raw Data with obvious blunders removed. Robust Assigned Values indicated in bold font. Horwitz and Revised Horwitz SD's assigned regardless of participant number.