



AAFCO
Association of American Feed Control Officials



Minerals Scheme

Sheep Feed, Medicated

Test Material Code # 202253

Analyte Summary Report

Labs Reporting: 31

Analytes Reported: 16

Issue Date : 10/31/2022

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)	18	18	299.3	43.79	301.5	20.42	13.09	6.77%	7.565	6.77%
017	Boron (ppm)	10	10	26.42	3.995	26.70	2.605	1.521	9.76%	1.494	9.76%
021	Cobalt (ppm)	22	22	26.71	3.423	26.59	2.596	0.7004	9.76%	1.043	9.76%
022	Copper (ppm)	26	26	23.65	3.559	23.71	2.355	0.9396	9.93%	1.710	9.93%
023	Fluorine (ppm)	3	3	145.5	27.94	145.5	11.00	6.351	7.56%	6.100	7.56%
024	Iodine (ppm)	3	3	10.58	1.762	10.13	1.143	0.6601	11.29%	0.3417	11.29%
034	Selenium, Total (Se) (ppm)	19	19	6.551	0.8490	6.525	0.7871	0.2255	12.06%	0.4162	12.06%
036	Sulfur (%)	17	17	0.6312	0.0492	0.6285	0.0270	0.0151	4.29%	0.0193	4.29%
038	Molybdenum (ppm)	23	23	12.43	1.665	12.65	1.381	0.3286	10.92%	0.4021	10.92%
041	Vanadium (ppm)	9	9	11.68	6.474	10.13	1.144	1.150	11.29%	0.3581	11.29%
516	Arsenic, Total (As) (ppm)	23	23	25.98	6.112	25.60	2.513	0.6718	9.82%	0.8759	9.82%
518	Cadmium (ppm)	24	24	2.547	0.5648	2.575	0.3572	0.0648	13.87%	0.0957	13.87%
520	Chromium, Total (Cr) (ppm)	22	22	21.26	3.673	21.17	2.139	0.9712	10.10%	1.032	10.10%
526	Lead (ppm)	24	23	2.644	0.6204	2.619	0.3624	0.0918	13.84%	0.1211	13.84%
529	Mercury (ppb)	14	14	1,559	464.9	1,662	246.3	51.52	14.82%	47.07	14.82%
539	Nickel (ppm)	20	20	8.018	1.852	8.081	0.9439	0.5452	11.68%	0.3479	11.68%

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.