

WELD LABORATORIES, INC.

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Colorado Materials, Inc.
Attn: Jason Odell
1541 Boston Ave.
Longmont, CO 80501

Laboratory No. E24081-8A Sample ID: CMI Silver

	AR	DMB	AR (lbs/ton)	Available 1 st yr. (lbs/ton)	Test Method (TMECC)
pH (1:5 w/w) (SI)	8.08				04-11-A
Salts (1:5 AR) (mS/cm)	2.93			COMPOST	04-10-A
Nitrate (mg/kg)	309.95	484.75	0.62	0.62	04-02B (Cd)
Nitrogen (%TKN)	1.18	1.84	23.6	4.7	04-02-Am
Organic Matter (%)	17.0	26.57	340	NA	05-07-A LOI
Moisture (%)	36.1	NA	721	NA	03-09-A
Total Solids (%)	63.9	NA	1279	NA	03-09-A
Total Nitrogen (%)	1.21	1.89	24.2 #N	5.3 #N	SUM
Phosphorus (% P ₂ O ₅)	0.72	1.12	14.37 #P ₂ O ₅	7.19 #P ₂ O ₅	AOAC 965.17
Potassium (% K ₂ O)	0.96	1.51	19.25 #K ₂ O	16.36 #K ₂ O	04-13-B
Calcium (%)	2.08	3.25	41.52 #Ca	20.76 #Ca	04-13-B
Zinc (mg/kg)	86	135	0.17 #Zn	0.06 #Zn	04-13-B
Iron (mg/kg)	7308	11430	14.62 #Fe	4.82 #Fe	04-13-B
Manganese (mg/kg)	189	296	0.38 #Mn	0.12 #Mn	04-13-B
Copper (mg/kg)	67	105	0.13 #Cu	0.04 #Cu	04-13-B
Magnesium (%)	0.80	1.25	15.93 #Mg	7.97 #Mg	04-13-B
Sodium (%)	0.33	0.51	6.57 #Na	5.58 #Na	04-13-B
Chloride (%)	0.47	0.74	9.47 #Cl	9.47 #Cl	04-05-CI ISE
%Oversize Matter 03-08 (#4)	28.94		Agricultural Index (05-02-F)		3.6
C/N Ratio (05-02**)	7.33		%N Mineralized (NO ₃ /Org-N)		0.026

AR=As Received; DMB=Dry Matter Basis; NA=Not Applicable

**Larney, et al Can. J. Soil Sci. 2004, 85, 261-264

Sampling procedures can affect the value of analytical results – customers are advised to use appropriate sampling protocol to ensure samples are truly representative of the bulk sample.