



Report Number  
13-351-2139

13611 "B" Street • Omaha, Nebraska 68144-3693 • (402) 334-7770 • FAX (402) 334-9121  
www.midwestlabs.com

**REPORT OF ANALYSIS**

For: ( 7294) CALCIUM PRODUCTS INC  
(515)373-6554

**Mail to:**

**CALCIUM PRODUCTS INC  
PO BOX 281  
GILMORE CITY IA 50541-**

PO/Proj. #: P21284  
ANDREW HOIBERG  
5916 VALLEY ROAD AMES IA 50014

Date Reported: 12/17/13  
Date Received: 12/12/13  
Date Sampled: 12/11/13  
Time Sampled: Not Supplied

Lab number: 2214227 Sample ID: MK-LIME-2

Analysis	Level		Detection		Analyst- Date	Verified- Date
	Found	Units	Limit	Method		
Moisture	0.41	%	0.10	AOAC 17E 950.01 100C	jsp-12/16	mgn-12/17
Calcium	32.10	%	0.01	ICAP	krr-12/13	mgn-12/17
Magnesium	0.51	%	0.01	ICAP	krr-12/13	mgn-12/17
Total Neutralizing Val(CaCO3 eq)	89.82	%	0.10	AOAC 955.01	jsp-12/13	mgn-12/17
ECCE	88.04	%		CALCULATED	mgn-12/17	mgn-12/17
Sieve analysis (% passing 4 mesh)	100	%		WET SIEVE	mgn-12/17	mgn-12/17
Sieve Analysis (% passing 8 mesh)	100	%		WET SIEVE	mgn-12/17	mgn-12/17
Sieve Analysis (% passing 60 mesh)	97	%		WET SIEVE	mgn-12/17	mgn-12/17
Boron (total)	< 20	ppm	20	ICAP	krr-12/13	mgn-12/17
Sulfur	0.28	%	0.05	ICAP	krr-12/13	mgn-12/17
Phosphorus	< 0.05	%	0.05	ICAP	krr-12/13	mgn-12/17
Potassium	0.06	%	0.05	ICAP	krr-12/13	mgn-12/17
Iron (Fe)	3,540	ppm	50.0	ICAP	krr-12/13	mgn-12/17
Sodium	0.090	%	0.001	ICAP	krr-12/13	mgn-12/17
Manganese	326	ppm	20.0	ICAP	krr-12/13	mgn-12/17
Zinc	< 20.0	ppm	20.0	ICAP	krr-12/13	mgn-12/17
Copper	< 20.0	ppm	20.0	ICAP	krr-12/13	mgn-12/17

**Notes:**

AOAC - Association of Official Analytical Chemists.  
ICAP - Inductively Coupled Argon Plasma.  
ECCE (Effective Calcium Carbonate Equivalent) represents the Total  
Neutralizing Value (CaCO3 Equivalent) adjusted for effectiveness

For questions contact



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Notes:

based on the particle size of the Lime. This percentage (ECCE)  
multiplied by 20 yields the lbs. of effective Lime per ton of material.

A handwritten signature in black ink, appearing to read "Rob Ferris", is positioned above the printed name and title.

Rob Ferris  
Client Service Representative  
rob.ferris@midwestlabs.com (402)829-9871