



# Midwest Laboratories Inc.®

Report Number  
14-149-2130

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  
2520 N LOOP DR STE 7100  
AMES IA 50010-8279**

PO/Proj. #: P22696  
LIME ANALYSIS

Date Reported: 05/29/14  
Date Received: 05/22/14  
Date Sampled: Not Supplied  
Time Sampled: Not Supplied

Lab number: 2272442    Sample ID: PELL01614

Analysis	Level		Detection		Analyst- Date	Verified- Date
	Found	Units	Limit	Method		
Moisture	0.68	%	0.10	AOAC 17E 950.01 100C	jsp-05/27	jjb-05/28
Calcium	28.20	%	0.01	ICAP	krr-05/23	jjb-05/28
Magnesium	4.29	%	0.01	ICAP	krr-05/23	jjb-05/28
Total Neutralizing Val(CaCO3 eq)	87.56	%	0.10	AOAC 955.01	jsp-05/23	jjb-05/28
ECCE	76.40	%		CALCULATED	jjb-05/28	jjb-05/28
Sieve analysis (% passing 4 mesh)	100	%		WET SIEVE	jjb-05/28	jjb-05/28
Sieve Analysis (% passing 8 mesh)	98	%		WET SIEVE	jjb-05/28	jjb-05/28
Sieve Analysis (% passing 60 mesh)	80	%		WET SIEVE	jjb-05/28	jjb-05/28
Mercury (total)	n.d.	mg/kg	0.05	EPA 7471	cjm-05/28	kkh-05/29
Zinc (total)	15.2	mg/kg	1.0	EPA 6010	akj-05/28	kkh-05/29
Selenium (total)	n.d.	mg/kg	10.0	EPA 6010	akj-05/28	kkh-05/29
Lead (total)	n.d.	mg/kg	5.0	EPA 6010	akj-05/28	kkh-05/29
Nickel (total)	7.4	mg/kg	1.0	EPA 6010	akj-05/28	kkh-05/29
Molybdenum (total)	n.d.	mg/kg	1.0	EPA 6010	akj-05/28	kkh-05/29
Cobalt (total)	n.d.	mg/kg	1.0	EPA 6010	akj-05/28	kkh-05/29
Cadmium (total)	n.d.	mg/kg	0.50	EPA 6010	akj-05/28	kkh-05/29
Arsenic (total)	n.d.	mg/kg	10.0	EPA 6010	akj-05/28	kkh-05/29
Sieve Analysis (% passing 100 mesh)	73	%		WET SIEVE	jjb-05/28	jjb-05/28



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Analysis	Level Found	Units	Detection Limit	Method	Analyst-Date	Verified-Date
Sieve Analysis (% passing 20 mesh)	94	%		WET SIEVE	jjb-05/28	jjb-05/28
Sieve Analysis (% passing 200 mesh)	60	%		WET SIEVE	jjb-05/28	jjb-05/28
Sieve Analysis (% passing 30 mesh)	92	%		WET SIEVE	jjb-05/28	jjb-05/28
Sieve Analysis (% passing 80 mesh)	75	%		RO-TAP SHAKER (5 MIN)	jjb-05/28	jjb-05/28

Notes:

n.d. - Not Detected.  
 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 based on the particle size of the Lime. This percentage (ECCE) multiplied by 20 yields the lbs. of effective Lime per ton of material.  
 Sample(s) was prepared for EPA 6010 analysis by EPA method 3050b.

For questions contact

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 Client Service Representative  
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