



# Midwest Laboratories Inc.®

Report Number  
14-041-2054

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. #: P21846  
LIME ANALYSIS

Date Reported: 02/10/14  
Date Received: 02/05/14  
Date Sampled: 02/04/14  
Time Sampled: Not Supplied

Lab number: 2231059    Sample ID: AGL00414

Analysis	Level Found	Units	Detection Limit	Method	Analyst-Date	Verified-Date
Moisture	3.71	%	0.10	AOAC 17E 950.01 100C	jsp-02/07	mgn-02/10
Calcium	29.80	%	0.01	ICAP	krr-02/06	mgn-02/10
Magnesium	1.61	%	0.01	ICAP	krr-02/06	mgn-02/10
Total Neutralizing Val(CaCO3 eq)	79.28	%	0.10	AOAC 955.01	jsp-02/06	mgn-02/10
ECCE	50.74	%		CALCULATED	acm-02/10	mgn-02/10
Sieve analysis (% passing 4 mesh)	100	%		WET SIEVE	acm-02/10	mgn-02/10
Sieve Analysis (% passing 8 mesh)	96	%		WET SIEVE	acm-02/10	mgn-02/10
Sieve Analysis (% passing 60 mesh)	42	%		WET SIEVE	acm-02/10	mgn-02/10
Mercury (total)	n.d.	mg/kg	0.05	EPA 7471	cjm-02/10	kkh-02/10
Zinc (total)	22.3	mg/kg	1.0	EPA 6010	cjm-02/10	kkh-02/10
Selenium (total)	n.d.	mg/kg	10.0	EPA 6010	cjm-02/10	kkh-02/10
Lead (total)	n.d.	mg/kg	5.0	EPA 6010	cjm-02/10	kkh-02/10
Nickel (total)	8.2	mg/kg	1.0	EPA 6010	cjm-02/10	kkh-02/10
Molybdenum (total)	2.7	mg/kg	1.0	EPA 6010	cjm-02/10	kkh-02/10
Cobalt (total)	3.0	mg/kg	1.0	EPA 6010	cjm-02/10	kkh-02/10
Cadmium (total)	n.d.	mg/kg	0.50	EPA 6010	cjm-02/10	kkh-02/10
Arsenic (total)	n.d.	mg/kg	10.0	EPA 6010	cjm-02/10	kkh-02/10
Sieve Analysis (% passing 100 mesh)	37	%		WET SIEVE	acm-02/10	mgn-02/10



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Analysis	Level Found	Units	Detection Limit	Method	Analyst-Date	Verified-Date
Sieve Analysis (% passing 20 mesh)	69	%		WET SIEVE	acm-02/10	mgn-02/10
Sieve Analysis (% passing 200 mesh)	33	%		WET SIEVE	acm-02/10	mgn-02/10
Sieve Analysis (% passing 30 mesh)	60	%		WET SIEVE	acm-02/10	mgn-02/10
Sieve Analysis (% passing 80 mesh)	39	%		RO-TAP SHAKER (5 MIN)	acm-02/10	mgn-02/10

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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