



Midwest Laboratories Inc.®

Report Number
14-149-2132

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: 2272443 Sample ID: AGL01714

Analysis	Level		Detection		Analyst- Date	Verified- Date
	Found	Units	Limit	Method		
Moisture	n.d.	%	0.10	AOAC 17E 950.01 100C	jsp-05/27	jjb-05/28
Calcium	34.60	%	0.01	ICAP	krr-05/23	jjb-05/28
Magnesium	0.44	%	0.01	ICAP	krr-05/23	jjb-05/28
Total Neutralizing Val(CaCO3 eq)	95.32	%	0.10	AOAC 955.01	jsp-05/23	jjb-05/28
ECCE	93.56	%		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)	100	%		WET SIEVE	jjb-05/28	jjb-05/28
Sieve Analysis (% passing 60 mesh)	97	%		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)	70.3	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)	3.2	mg/kg	1.0	EPA 6010	akj-05/28	kkh-05/29
Molybdenum (total)	13.4	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)	1.74	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)	89	%		WET SIEVE	jjb-05/28	jjb-05/28



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

REPORT OF ANALYSIS

Account: 7294 CALCIUM PRODUCTS INC

Report Number: 14-149-2132

Analysis	Level Found	Units	Detection Limit	Method	Analyst-Date	Verified-Date
Sieve Analysis (% passing 20 mesh)	100	%		WET SIEVE	jjb-05/28	jjb-05/28
Sieve Analysis (% passing 200 mesh)	56	%		WET SIEVE	jjb-05/28	jjb-05/28
Sieve Analysis (% passing 30 mesh)	100	%		WET SIEVE	jjb-05/28	jjb-05/28
Sieve Analysis (% passing 80 mesh)	93	%		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

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