



Midwest Laboratories Inc.®

Report Number
14-056-2075

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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. #: P21991
LIME ANALYSIS

Date Reported: 02/25/14
Date Received: 02/19/14
Date Sampled: 02/18/14
Time Sampled: Not Supplied

Lab number: 2236701

Analysis	Level Found	Units	Detection Limit	Method	Analyst-Date	Verified-Date
<u>Sample ID: AGL00514</u>						
Moisture	4.61	%	0.10	AOAC 17E 950.01 100C	jsp-02/24	mjs-02/25
Calcium	29.00	%	0.01	ICAP	krr-02/21	mjs-02/25
Magnesium	1.30	%	0.01	ICAP	krr-02/21	mjs-02/25
Total Neutralizing Val(CaCO3 eq)	80.47	%	0.10	AOAC 955.01	jsp-02/20	mjs-02/25
ECCE	58.80	%		CALCULATED	mjs-02/25	mjs-02/25
Sieve analysis (% passing 4 mesh)	99	%		WET SIEVE	mjs-02/25	mjs-02/25
Sieve Analysis (% passing 8 mesh)	98	%		WET SIEVE	mjs-02/25	mjs-02/25
Sieve Analysis (% passing 60 mesh)	56	%		WET SIEVE	mjs-02/25	mjs-02/25
Sieve Analysis (% passing 100 mesh)	34	%		WET SIEVE	mjs-02/25	mjs-02/25
Sieve Analysis (% passing 20 mesh)	94	%		WET SIEVE	mjs-02/25	mjs-02/25
Sieve Analysis (% passing 200 mesh)	18	%		WET SIEVE	mjs-02/25	mjs-02/25
Sieve Analysis (% passing 30 mesh)	91	%		WET SIEVE	mjs-02/25	mjs-02/25
Sieve Analysis (% passing 80 mesh)	40	%		RO-TAP SHAKER (5 MIN)	mjs-02/25	mjs-02/25

The result(s) issued on this report only reflect the analysis of the sample(s) submitted. For applicable test parameters, Midwest Laboratories is in compliance with NELAC requirements. Our reports and letters are for the exclusive and confidential use of our clients and may not be reproduced in whole or in part, nor may any reference be made to the work, the results, or the company in any advertising, news release, or other public announcements without obtaining our prior written authorization.



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Analysis	Level Found	Units	Detection Limit	Method	Analyst-Date	Verified-Date
<u>Sample ID: AGL00614</u>						
Moisture	0.12	%	0.10	AOAC 17E 950.01 100C	jsp-02/24	mjs-02/25
Calcium	30.70	%	0.01	ICAP	krr-02/21	mjs-02/25
Magnesium	1.28	%	0.01	ICAP	krr-02/21	mjs-02/25
Total Neutralizing Val(CaCO3 eq)	82.08	%	0.10	AOAC 955.01	jsp-02/20	mjs-02/25
ECCE	59.92	%		CALCULATED	mjs-02/25	mjs-02/25
Sieve analysis (% passing 4 mesh)	100	%		WET SIEVE	mjs-02/25	mjs-02/25
Sieve Analysis (% passing 8 mesh)	100	%		WET SIEVE	mjs-02/25	mjs-02/25
Sieve Analysis (% passing 60 mesh)	55	%		WET SIEVE	mjs-02/25	mjs-02/25
Sieve Analysis (% passing 100 mesh)	28	%		WET SIEVE	mjs-02/25	mjs-02/25
Sieve Analysis (% passing 20 mesh)	98	%		WET SIEVE	mjs-02/25	mjs-02/25
Sieve Analysis (% passing 200 mesh)	11	%		WET SIEVE	mjs-02/25	mjs-02/25
Sieve Analysis (% passing 30 mesh)	94	%		WET SIEVE	mjs-02/25	mjs-02/25
Sieve Analysis (% passing 80 mesh)	34	%		RO-TAP SHAKER (5 MIN)	mjs-02/25	mjs-02/25

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

For questions contact

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