



**Midwest
Laboratories Inc.®**

Report Number
14-156-2135

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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**

Date Reported: 06/05/14
Date Received: 05/30/14
Date Sampled: Not Supplied
Time Sampled: Not Supplied

LIME ANALYSIS

Lab number: 2275165

Analysis	Level Found	Units	Detection Limit	Method	Analyst-Date	Verified-Date
<u>Sample ID: AGL01914</u>						
Moisture	9.03	%	0.10	AOAC 17E 950.01 100C	mgn-06/03	mjs-06/05
Calcium	16.80	%	0.01	ICAP	trh-06/02	mjs-06/05
Magnesium	10.10	%	0.01	ICAP	trh-06/02	mjs-06/05
Total Neutralizing Val(CaCO3 eq)	84.25	%	0.10	AOAC 955.01	mgn-06/04	mjs-06/05
ECCE	55.70	%		CALCULATED	mjs-06/05	mjs-06/05
Sieve analysis (% passing 4 mesh)	99	%		WET SIEVE	mjs-06/05	mjs-06/05
Sieve Analysis (% passing 8 mesh)	88	%		WET SIEVE	mjs-06/05	mjs-06/05
Sieve Analysis (% passing 60 mesh)	49	%		WET SIEVE	mjs-06/05	mjs-06/05
Sieve Analysis (% passing 100 mesh)	46	%		WET SIEVE	mjs-06/05	mjs-06/05
Sieve Analysis (% passing 20 mesh)	62	%		WET SIEVE	mjs-06/05	mjs-06/05
Sieve Analysis (% passing 200 mesh)	36	%		WET SIEVE	mjs-06/05	mjs-06/05
Sieve Analysis (% passing 30 mesh)	57	%		WET SIEVE	mjs-06/05	mjs-06/05
Sieve Analysis (% passing 80 mesh)	47	%		RO-TAP SHAKER (5 MIN)	mjs-06/05	mjs-06/05

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.



REPORT OF ANALYSIS

Account: 7294 CALCIUM PRODUCTS INC

Report Number: 14-156-2135

Analysis	Level Found	Units	Detection Limit	Method	Analyst-Date	Verified-Date
<u>Sample ID: AGL02014</u>						
Moisture	9.59	%	0.10	AOAC 17E 950.01 100C	mgn-06/03	mjs-06/05
Calcium	17.90	%	0.01	ICAP	trh-06/02	mjs-06/05
Magnesium	11.80	%	0.01	ICAP	trh-06/02	mjs-06/05
Total Neutralizing Val(CaCO3 eq)	95.01	%	0.10	AOAC 955.01	mgn-06/04	mjs-06/05
ECCE	75.80	%		CALCULATED	mjs-06/05	mjs-06/05
Sieve analysis (% passing 4 mesh)	100	%		WET SIEVE	mjs-06/05	mjs-06/05
Sieve Analysis (% passing 8 mesh)	100	%		WET SIEVE	mjs-06/05	mjs-06/05
Sieve Analysis (% passing 60 mesh)	66	%		WET SIEVE	mjs-06/05	mjs-06/05
Sieve Analysis (% passing 100 mesh)	56	%		WET SIEVE	mjs-06/05	mjs-06/05
Sieve Analysis (% passing 20 mesh)	88	%		WET SIEVE	mjs-06/05	mjs-06/05
Sieve Analysis (% passing 200 mesh)	40	%		WET SIEVE	mjs-06/05	mjs-06/05
Sieve Analysis (% passing 30 mesh)	80	%		WET SIEVE	mjs-06/05	mjs-06/05
Sieve Analysis (% passing 80 mesh)	59	%		RO-TAP SHAKER (5 MIN)	mjs-06/05	mjs-06/05
<u>Sample ID: AGL02114</u>						
Moisture	11.73	%	0.10	AOAC 17E 950.01 100C	mgn-06/03	mjs-06/05
Calcium	16.30	%	0.01	ICAP	trh-06/02	mjs-06/05
Magnesium	11.10	%	0.01	ICAP	trh-06/02	mjs-06/05
Total Neutralizing Val(CaCO3 eq)	91.94	%	0.10	AOAC 955.01	mgn-06/04	mjs-06/05
ECCE	72.90	%		CALCULATED	mjs-06/05	mjs-06/05
Sieve analysis (% passing 4 mesh)	100	%		WET SIEVE	mjs-06/05	mjs-06/05
Sieve Analysis (% passing 8 mesh)	100	%		WET SIEVE	mjs-06/05	mjs-06/05
Sieve Analysis (% passing 60 mesh)	66	%		WET SIEVE	mjs-06/05	mjs-06/05
Sieve Analysis (% passing 100 mesh)	55	%		WET SIEVE	mjs-06/05	mjs-06/05

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Analysis	Level Found	Units	Detection Limit	Method	Analyst-Date	Verified-Date
Sieve Analysis (% passing 20 mesh)	89	%		WET SIEVE	mjs-06/05	mjs-06/05
Sieve Analysis (% passing 200 mesh)	40	%		WET SIEVE	mjs-06/05	mjs-06/05
Sieve Analysis (% passing 30 mesh)	80	%		WET SIEVE	mjs-06/05	mjs-06/05
Sieve Analysis (% passing 80 mesh)	58	%		RO-TAP SHAKER (5 MIN)	mjs-06/05	mjs-06/05

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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