



Report Number
09-054-2049 v2

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

This report supersedes all prior reports for the following reason(s): Moisture analysis

REPORT OF ANALYSIS

For: (7294) CALCIUM PRODUCTS INC
(515)373-6554

Mail to:

**CALCIUM PRODUCTS INC
PO BOX 281
GILMORE CITY IA 50541-**

Date Reported: 03/06/09
Date Received: 02/16/09
Date Sampled: Not Supplied
Time Sampled: Not Supplied

FERTILIZER ANALYSIS

Lab number: 1541271 Sample ID: SO4

Analysis	Level Found	Units	Detection Limit	Method	Analyst-Date	Verified-Date
Total Neutralizing Val(CaCO3 eq)	1.23	%	0.10	AOAC 955.01	dfj-02/23	mjs-02/23
Total Calcium (Ca)	22.65	%	0.01	AOAC 16ED 957.02E/ICP	dfj-02/23	mjs-02/23
Total Magnesium (Mg)	0.10	%	0.01	AOAC 16ED 957.02E/ICP	dfj-02/23	mjs-02/23
Sieve Analysis (% passing 8 mesh)	100	%		WET SIEVE	dfj-02/23	mjs-02/23
ECCE	1.20	%		CALCULATED	dfj-02/23	mjs-02/23
Sieve Analysis (% passing 60 mesh)	96	%		WET SIEVE	dfj-02/23	mjs-02/23
Nitrogen Total (N)	0.05	%	0.01	AOAC 993.13	dfj-02/23	mjs-02/23
Phosphate Total (P205)	n.d.	%	0.10	AOAC 17E 958.01	dfj-02/23	mjs-02/23
Potash (K2O)	n.d.	%	0.10	AOAC 16 ED 957.02E/ICP	dfj-02/23	mjs-02/23
Boron (B)	n.d.	ppm	100.0	ICAP	dfj-02/23	mjs-02/23
Sulfur	19.0	%	0.05	ICAP	dfj-02/23	mjs-02/23
Iron (Fe)	558	ppm	50.0	ICAP	dfj-02/23	mjs-02/23
Manganese	32	ppm	20.0	ICAP	dfj-02/23	mjs-02/23
Copper	n.d.	ppm	20.0	ICAP	dfj-02/23	mjs-02/23
Sodium	0.15	%	0.01	ICAP	dfj-02/23	mjs-02/23
Mercury (total)	n.d.	mg/kg	0.05	EPA 7471	mlm-02/20	bab-02/22
Zinc (total)	9.4	mg/kg	1.0	EPA 6010	rrd-02/20	bab-02/22
Selenium (total)	n.d.	mg/kg	10.0	EPA 6010	rrd-02/20	bab-02/22
Lead (total)	12.7	mg/kg	5.0	EPA 6010	rrd-02/20	bab-02/22
Nickel (total)	n.d.	mg/kg	1.0	EPA 6010	rrd-02/20	bab-02/22
Molybdenum (total)	n.d.	mg/kg	1.0	EPA 6010	rrd-02/20	bab-02/22
Cobalt (total)	n.d.	mg/kg	1.0	EPA 6010	rrd-02/20	bab-02/22

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
Cadmium (total)	0.83	mg/kg	0.50	EPA 6010	rrd-02/20	bab-02/22
Arsenic (total)	n.d.	mg/kg	10.0	EPA 6010	rrd-02/20	bab-02/22
Sieve Analysis (% passing 100 mesh)	90	%		WET SIEVE	dfj-02/23	mjs-02/23
pH	6.1	S.U.		PH METER	dfj-02/23	mjs-02/23
Ammoniacal Nitrogen (N)	0.02	%	0.01	AOAC 15TH 920.03	dfj-02/23	mjs-02/23
Free Moisture	n.d.	%	0.01	ASTM C471-91	dfj-03/06	mjs-03/06

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


 Heather Ramig
 Client Service Representative
 heather@midwestlabs.com (402) 829-9891

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COMMENTS

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