

Report Number
10-057-9218

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Account Number
00566



A&L Eastern Laboratories, Inc.

7621 Whitepine Road Richmond, Virginia 23237 (804) 743-9401 Fax (804) 271-6446

Send To: CaCO₃ ARAGONITE PRODUCTS INC
TIM THOMPSON
9480 DEERECO RD
TIMONIUM, MD 21093

Project : SHELLY LIME

Purchase Order :
Revised Report Date : 03/11/2010
Date Received : 02/26/2010

REPORT OF ANALYSIS

Date Sampled :

Lab Number: 75113

Sample Id : SHELLY LIME

Analysis	Result	Quantitation Limit	Method	Date and Time Test Started	Analyst
Total Sulfur , %	0.12	0.01	AG TOTAL METALS	03/02/2010 10:00	KM
Total Iron , %	0.02	0.01	AG TOTAL METALS	03/02/2010 10:00	KM
Total Manganese , %	<0.01	0.01	AG TOTAL METALS	03/02/2010 10:00	KM
Total Copper , %	<0.01	0.01	AG TOTAL METALS	03/02/2010 10:00	KM
Total Zinc , %	<0.01	0.01	AG TOTAL METALS	03/02/2010 10:00	KM
Total Lead , mg/Kg	2	1	SW-6010B	03/10/2010 09:00	KM
Calcium Carbonate Equivalent , %	93.0	0.01	AOAC 955.01	03/02/2010 11:55	JM
Total Boron , %	<0.01	0.01	AG TOTAL METALS	03/02/2010 10:00	KM
Available Phosphorus as P ₂ O ₅ , %	0.06	0.01	AOAC 993.31	03/02/2010 09:20	KM
Available Potassium (as K ₂ O) , %	0.030	0.01	AOAC 983.02	03/02/2010 09:20	KM
Total Nitrogen , %	0.07	0.01	AOAC 2.4.02	03/02/2010 10:00	BB
MgO (calc. from %Mg) , %	0.33	0.01	CALCULATION	03/04/2010 11:00	DH
CaO (calc. from %Ca) , %	55.86	0.01	CALCULATION	03/04/2010 11:00	DH
MgCO ₃ (calc. from %Mg) , %	0.69	0.01	CALCULATION	03/04/2010 11:00	DH

Paucie McGeary

Paucie McGroary

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TIMONIUM, MD 21093

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Lab Number: 75113

Sample Id : SHELLY LIME

Analysis	Result	Quantitation Limit	Method	Date and Time Test Started	Analyst
CaCO3 (calc. from %Ca) , %	99.75	0.01	CALCULATION	03/04/2010 11:00	DH
Total Silicon as SiO2 , %	0.06	0.01	SW-6010B	03/02/2010 10:00	KM
% Passing 20 Mesh , %	90.47	0.01	EFFECTIVE CCE	03/02/2010 14:00	KM
% Passing 60 Mesh , %	40.38	0.01	EFFECTIVE CCE	03/02/2010 14:00	KM
% Passing 100 Mesh , %	6.67	0.01	EFFECTIVE CCE	03/02/2010 14:00	KM
Calcium , %	39.90	0.01	AOAC 1.4.01	03/02/2010 10:00	KM
Effective CaCO3 Equivalent , %	49.91	0.01	EFFECTIVE CCE	03/04/2010 11:00	DH
Magnesium , %	0.20	0.01	AOAC 1.4.01	03/02/2010 10:00	KM

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Method Reference:

Calculation from CCE, 8, 20, 40, 60 and 100 mesh sizes.

Calculation from lab derived data.

Official Methods of Analysis of AOAC International, 17th Edition, 1998

USEPA, SW-846, Test Methods for Evaluating Solid Wastes, Physical/Chemical Methods, 3rd Ed. Current Revision

Comments:

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