



Certificate of Analysis

1000:ADAMS WAREHOUSE
SPECIALTY MINERALS INC
260 COLUMBIA STREET
ADAMS, MA-01220

Customer: 33117 DUDA ENERGY LLC
Ship to Location: DECATUR, AL
Ship to Address1: 1112 BROOKS STREET SE
Ship to Address2:
Ship to Address3: DECATUR,AL,35601
Customer PO: 599
Order Number: 4702282
Shipment Number: 0
Print Date: 25-APR-18
ERS/BOL Number:
Item Number: VICRON 1515FG-50
Description: VICRON® 15-15 FG GCC Bags
Parentlot:
Lot: A1811431

Test/Method	Result	Min	Max	Test Unit
HEAVY METALS (PPM)	<20			PPM
ARSENIC (PPM)	<3			PPM
MERCURY (PPM)	<0.5			PPM
LEAD (ICP)	<3			PPM
MAG/ALKALI SALTS FCC	1.41	0	3.5	PERCENT
LOSS ON DRYING	.1	0	2	PERCENT
IDENTIFICATION	PASS			N/A
HEGMAN	6	5.75	8	N/A
FLUORIDE	13	0	50	PPM
CaCO3	97.5	94	100.5	PERCENT
BARIUM	NEGATIVE			N/A
ACID INSOLUBLES SUBSTANCES	1.24	0	2.5	PERCENT
+325 MESH	.01	0	.05	PERCENT
PSD 50	3.34			MICRONS
DRY BRIGHTNESS, HUNTER RD	94.5	94.5	100	N/A

850 Bags / Mfg date: 4-24-18 / No Exp. date

This lot complies with current FCC requirements for Limestone, Ground.

Certificate of Compliance - Cadmium < 1 ppm

Sincerely,

David R. Hubbard

Hubbard, David R
Senior Analyst