

# Modderfontein Laboratory Services (Pty) Ltd

Registration Number : 1966/001741/07

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Client Name: NJATI HOLDINGS

Client Address: P.O.Box 1436

Fontainbleau

2032

Date Received: 13/03/2019

Date Reported: 21/03/2019

Product Name: Richards Bay Gypsum

Gr. No.: 238053

Lims ID: 294669

P.O. No.:

Batch No.:

## CERTIFICATE OF ANALYSIS

Test	Test Method	Result	Specification	Unit
Calcium as Ca	MDF 820	20.2	>18	% m/m
Sulphur as S	ALFA 10/1	14.8	>12	% m/m
CaSO <sub>4</sub> .2H <sub>2</sub> O	Calculation	79.3		% m/m
CaSO <sub>4</sub> .2H <sub>2</sub> O (Dry Basis)	Calculation	92.6		% m/m
pH of a 10% Slurry	ALFA 19/1	7.8		Unit
Loss on drying @ 220°C	Gravimetric	30.9		% m/m
Free Moisture	Gravimetric	14.4		% m/m
Arsenic as As	MDF 821	1.4	50	mg/kg
Cadmium as Cd	MDF 821	0.4	20	mg/kg
Chromium as Cr	MDF 821	13	1750	mg/kg
Copper as Cu	MDF 821	52	750	mg/kg
Lead as Pb	MDF 821	6.6	400	mg/kg
Mercury as Hg	MDF 821	<0.5	10	mg/kg
Nickel as Ni	MDF 821	2.8	200	mg/kg
Selenium as Se	MDF 821	<2	15	mg/kg
Zinc as Zn	MDF 821	5.7	2750	mg/kg

Analysis was done on sample as received.

NOTE: CaSO<sub>4</sub>.2H<sub>2</sub>O calculated on dry basis by removing the free moisture content.



D. Reddy

Fertilizer Manager

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