

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

Gr. No.: 282508
Lims ID: 307626

Date Received: 17/03/2021

P.O. No.:

Date Reported: 08/04/2021

Product Name: Phokeng Gypsum

Batch No.:

CERTIFICATE OF ANALYSIS

Test	Test Method	Result	Specification	Unit
Calcium as Ca	MDF 820	20.7	>18	% m/m
Sulphur as S	ALFA 10/1	16.5	>12	% m/m
Total Magnesium as Mg	MDF 820	0.01		% m/m
Water Soluble Magnesium as Mg	MDF 820	0.01		% m/m
CaSO ₄ .2H ₂ O	Calculation	88.3		% m/m
CaSO ₄ .2H ₂ O (Dry Basis)	Calculation	97.8		% m/m
pH (10% slurry)	ALFA 19/1	3.1		units
Loss on drying @ 220 °C	Gravimetric	28.2		% m/m
Free Moisture	Gravimetric	9.8		% m/m
Sieve Analysis:<2.0mm	Wet Screening	100.0		% m/m
Sieve Analysis:<0.25mm	Wet Screening	99.9		% m/m
Arsenic as As	MDF 821	<1	50	mg/kg
Cadmium as Cd	MDF 821	<0.1	20	mg/kg
Chromium as Cr	MDF 821	1.4	1750	mg/kg
Copper as Cu	MDF 821	3.6	750	mg/kg
Lead as Pb	MDF 821	9.6	400	mg/kg
Mercury as Hg	MDF 821	<0.5	10	mg/kg
Nickel as Ni	MDF 821	<0.5	200	mg/kg
Selenium as Se	MDF 821	<2	15	mg/kg
Zinc as Zn	MDF 821	1.4	2750	mg/kg

Results reported are on sample as received.

NOTE: 1) CaSO₄.2H₂O calculated on dry basis by removing the free moisture content.

2) Calculated results reflect the likely composition.



D. Reddy

Fertilizer Manager

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