

Modderfontein Laboratory Services (Pty) Ltd

Registration Number : 1966/001741/07

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Modderfontein

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Client Name: NJATI HOLDINGS

Gr. No.: 219780

Client Address: P.O.Box 1436

Lims ID: 289586

Fontainbleau

2032

Date Received: 07/08/2018

P.O. No.:

Date Reported: 14/08/2018

Product Name: Gypsum

Batch No.: Phalaborwa

CERTIFICATE OF ANALYSIS

Test	Test Method	Result	Specification	Unit
Calcium as Ca	ICP	24.72		% m/m
Sulphur as S	XRF	19.2		% m/m
CaSO ₄ .1.5H ₂ O	Calculation	97.7		% m/m
Total Phosphorus as P	ICP	0.41		% m/m
Magnesium as Mg _{w.s}	ICP	0.02		% m/m
Moisture	Gravimetric	17.4		% m/m
pH @20°C	pH Meter	3.2		units
Sieve Analysis:<1.7mm	Gravimetric	99.8		% m/m
Sieve Analysis:<0.25mm	Gravimetric	99.1		% m/m
Arsenic as As	Acid Digest ICP	<1.0	50	mg/kg
Cadmium as Cd	Acid Digest ICP	<0.1	20	mg/kg
Chromium as Cr	Acid Digest ICP	3.5	1750	mg/kg
Copper as Cu	Acid Digest ICP	5.3	750	mg/kg
Lead as Pb	Acid Digest ICP	7.9	400	mg/kg
Mercury as Hg	Acid Digest ICP	<0.5	10	mg/kg
Nickel as Ni	Acid Digest ICP	1.2	200	mg/kg
Selenium as Se	Acid Digest ICP	<2.0	15	mg/kg
Zinc as Zn	Acid Digest ICP	1.6	2750	mg/kg

Analysis was done on sample as received



J.J.Botha

Fertilizer Manager

Disclaimer: MLS is an AgriLasa certified Laboratory for fertilizer. MLS is certified under ISO 9001 (Certificate #LS1804). MLS is responsible for management of all information obtained and /or created during performance of service and shall treat it as confidential. MLS strives to undertake all activities or services impartially