

Client: NJATI HOLDINGS (PTY)LTD

Group ID: 358392

Client Address: PO BOX 1436
FONTAINBLEAU
2032

LimsID: 337307

P.O. Number: 09/04/2026

Date Received: 09-Apr-2026

Date Reported: 17-April-2026

Product Name: Phalaborwa Gypsum

Legislation: Act 36

CERTIFICATE OF ANALYSIS

<u>Test</u>	<u>Test Method</u>	<u>Result</u>	<u>UOM</u>	<u>Specification</u>
Total Calcium (as Ca)	MDF 820	19.9	% (m/m)	Greater than 18% m/m
Water Soluble Calcium (as Ca)	MDF820	19.6	% (m/m)	Not Specified
Sulphur (as S)	ALFA 10/1	16.0	% (m/m)	Greater than 12% m/m
Total Magnesium (as Mg)	MDF820	<0.01	% (m/m)	Not Specified
Water Soluble Magnesium (as Mg)	MDF 820	<0.01	% (m/m)	Not Specified
Calcium sulphate (as CaSO ₄ .2H ₂ O)	Calculation	84.2	% (m/m)	Not Specified
CaSO ₄ .2H ₂ O (Dry basis)	Calculation	99.7	% (m/m)	Not Specified
pH (10% slurry)	ALFA 19/1	4.9		Not Specified
Loss on drying @ 220°C	Gravimetric	33.2	% (m/m)	Not Specified
Free Moisture	Gravimetric	15.6	% (m/m)	Not Specified
Sieve analysis: <2000µm	Wet Screening	100.0	% (m/m)	100% Passes
Sieve Analysis: <250µm	Wet Screening	99.9	% (m/m)	More than 50% passes
Arsenic (as As)	MDF 821	<1	mg/kg	Not more than 50
Cadmium (as Cd)	MDF 821	<0.1	mg/kg	Not more than 20

Supervisor: _____



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Chromium (as Cr)	MDF 821	1.7	mg/kg	Not more than 1750
Copper (as Cu)	MDF 821	11	mg/kg	Not more than 750
Lead (as Pb)	MDF 821	12	mg/kg	Not more than 400
Mercury (as Hg)	MDF 821	<0.5	mg/kg	Not more than 10
Nickel (as Ni)	MDF 821	1.3	mg/kg	Not more than 200
Selenium (as Se)	MDF 821	<2	mg/kg	Not more than 15
Zinc (as Zn)	MDF 821	6.5	mg/kg	Not more than 2750

**Results reported are on sample as received unless otherwise ststed.
Calculated results reflect the probable composition.**

Supervisor: _____

