

**GYPSUM
 ANALYSIS REPORT**

AGENT:	PENRICE QUARRY	CONTROL NO:	2020-284
CLIENT'S NAME:	Client	LAB NO:	G7
SAMPLE NAME:	Gypsum 2708	Sample No:	5402
		SAMPLE RECEIVED:	28.08.20
		REPORT DATE:	04.09.20

ANALYSIS (ON AN AIR DRY BASIS)

CALCIUM	Ca %	21.0
MAGNESIUM	Mg %	0.12
SULFUR	SO ₄ -S %	16.8
SODIUM	Na mg/kg	<500
GYPSUM PURITY	CaSO ₄ .2H ₂ O %	90

Comment:

**This is a grade 1 gypsum with good calcium and sulphur readings. See below
 Purity is high indicating a high percentage of gypsum in the sample.**

Gypsum Quality (1995 Victorian Ag & Vet Chemicals Regulation No 25/1995)

Grade 1: Must contain a minimum of 19% calcium (Ca) and 15% sulphur (S)

Grade 2: Must contain a minimum of 15.5% calcium (Ca) and 12.5% sulphur (S)

Grade 3: Must contain a minimum of 12.5% calcium (Ca) and 10% sulphur (S)

Purity:

This indicates the percentage of actual gypsum in a product. Low purity indicates a percentage of clay or sand is present.

General:

Any product that doesn't meet these standards may not be classed as a gypsum. However it may still be suitable for use if its limitations are calculated into application rates