

GYPSUM ANALYSIS REPORT

LAB NO:G7CLIENT'S NAME:ClientSample No:5402SAMPLE NAME:Gypsum 2708REPORT DATE:04.09.20ANALYSIS (ON AN AIR DRY BASIS)CALCIUMCa %21.0MAGNESIUMMg %0.12SULFURSO4-S %16.8SODIUMNa mg/kg<500	AGENT:	PENRICE QUARRY	CONTROL NO:	2020-284	
SAMPLE NAME:Gypsum 2708SAMPLE RECEIVED: REPORT DATE:28.08.20 04.09.20ANALYSIS (ON AN AIR DRY BASIS)CALCIUMCa %21.0MAGNESIUMMg %0.12SULFURSO4-S %16.8SODIUMNa mg/kg<500			LAB NO:	G7	
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ANALYSIS (ON AN AIR DRY BASIS) CALCIUM Ca % 21.0 MAGNESIUM Mg % 0.12 SULFUR SO4-S % 16.8 SODIUM Na mg/kg <500			SAMPLE RECEIVED:	28.08.20	
CALCIUMCa %21.0MAGNESIUMMg %0.12SULFURSO4-S %16.8SODIUMNa mg/kg<500	SAMPLE NAME:	Gypsum 2708	REPORT DATE:	04.09.20	
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MAGNESIUMMg %0.12SULFURSO4-S %16.8SODIUMNa mg/kg<500	ANALYSIS (ON AN AIR DRY BASIS)				
MAGNESIUMMg %0.12SULFURSO4-S %16.8SODIUMNa mg/kg<500					
SULFUR SO4-S % 16.8 SODIUM Na mg/kg <500	CALCIUM		Ca %	21.0	
SULFUR SO4-S % 16.8 SODIUM Na mg/kg <500					
SODIUM Na mg/kg <500	MAGNESIUM		Mg %	0.12	
SODIUM Na mg/kg <500					
	SULFUR		SO4-S %	16.8	
GYPSUM PURITY CaSO ₄ .2H ₂ O % 90	SODIUM		Na mg/kg	<500	
GYPSUM PURITYCaSO4.2H2O %90					
	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