



## GYPSUM ANALYSIS REPORT

|                |            |                  |           |
|----------------|------------|------------------|-----------|
| AGENT:         | APAL       | CONTROL NO:      | 1         |
|                |            | LAB NO:          | 1G        |
| CLIENT'S NAME: | Tim Walker | Sample No:       | 169       |
|                |            | SAMPLE RECEIVED: | 29-May-14 |
| SAMPLE NAME:   | GYPSUM     | REPORT DATE:     | 00-Jan-00 |

### ANALYSIS (ON AN AIR DRY BASIS)

|           |         |      |
|-----------|---------|------|
| CALCIUM   | Ca %    | 18.8 |
| MAGNESIUM | Mg %    | 0.19 |
| SULFUR    | SO4-S % | 16.1 |

|               |          |           |
|---------------|----------|-----------|
| <b>PURITY</b> | <b>%</b> | <b>87</b> |
|---------------|----------|-----------|

#### Comment:

**This is a grade 2 gypsum with lower 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