

# FINAL REPORT

CERTIFICATE No.: 25627



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**TEST CERTIFICATE OF:** Marulan Bulk Hydrated Lime - Despatch Composite  
**PRODUCED AT:** Boral Cement Limited Marulan  
**TESTED AT:** Berrima Works Laboratory  
**SAMPLE IDENTIFICATION:** LDBHL2305491  
**DATE SAMPLED:** for date ending 23/12/2023

| PROPERTY                                 | RESULT |
|--|--------|
| Chemical Composition (AS 4489.5.1)       |        |
| CaO                                      | 71.9 % |
| MgO                                      | 0.6 %  |
| Al <sub>2</sub> O <sub>3</sub>           | 0.4 %  |
| SiO <sub>2</sub>                         | 1.0 %  |
| K <sub>2</sub> O                         | 0.1 %  |
| Fe <sub>2</sub> O <sub>3</sub>           | 0.3 %  |
| LOI (AS 4489.7.1)                        | 25.5 % |
| Free Moisture (AS 4489.8.1)              | 0.4 %  |
| ALI as Ca(OH) <sub>2</sub> (AS 4489.6.1) | 88.5 % |
| Fineness (AS 4489.2.1)                   |        |
| 300 µm Residue                           | 1.3 %  |
| 75 µm Residue                            | 6.2 %  |
| * Carbon Dioxide (TM 10.01.11)           | 3.3 %  |

## REMARKS

Sampling not carried out by laboratory. Samples tested as received.

\* NATA accreditation does not cover the performance of this service.



Accredited for compliance with ISO/IEC 17025 - Testing

Marc Smith  
Technical Services Manager