## **FINAL REPORT**

CERTIFICATE No.: 27540



Boral Cement Limited
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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: LDBHL2503447

**DATE SAMPLED:** for date ending 6/09/2025

| PROPERTY                                 | RESULT |  |
|--|--------|--|
| Chemical Composition (AS 4489.5.1)       |        |  |
| CaO                                      | 71.1 % |  |
| MgO                                      | 0.5 %  |  |
| $Al_2O_3$                                | 0.4 %  |  |
| SiO <sub>2</sub>                         | 1.6 %  |  |
| K <sub>2</sub> O                         | 0.1 %  |  |
| Fe <sub>2</sub> O <sub>3</sub>           | 0.3 %  |  |
| LOI (AS 4489.7.1)                        | 25.7 % |  |
| Free Moisture (AS 4489.8.1)              | 0.5 %  |  |
| ALI as Ca(OH) <sub>2</sub> (AS 4489.6.1) | 90.6 % |  |
| Fineness (AS 4489.2.1)                   |        |  |
| 300 µm Residue                           | 0.8 %  |  |
| 75 μm Residue                            | 7.3 %  |  |
| * Carbon Dioxide (TM 10.01.11)           | 4.4 %  |  |

## **REMARKS**

Sampling not carried out by laboratory. Samples tested as received and results only relate to the item tested.

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

Accredited for compliance with ISO/IEC 17025 - Testing

Melody Mancenido (Technical Services Manager)

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