



**Boral Construction Materials
Materials Technical Services**

Unit 4, 3-5 Gibbon Road
Baulkham Hills NSW 2153 Australia
PO Box 400, Winston Hills NSW 2153

T: +61 (02) 9624 9900

F: +61 (02) 9624 9999

www.boral.com.au

TEST REPORT – MILLED SLAG

CLIENT: BORAL CEMENT – MALDON CEMENT
Address: MALDON BRIDGE ROAD, MALDON, NSW 2571

FILE NO: 50/21

REQUEST NO: 94011

LAB SAMPLE NO: 252461

SOURCE OF SAMPLE: Maldon

DATE RECEIVED: 08/04/2021

SAMPLE IDENTIFICATION: Enviroment ID # MDDNM2100925 - w/e 10/04/2021 - Date sampled: 06/04/2021

IDENTIFICATION OF CEMENT USED: Boral Cement SL Berrima Ref. 2019

TEST METHOD: AS3583: Methods of test for supplementary cementitious materials for use with Portland Cement

PROPERTY	TEST METHOD	RESULT	DATE TESTED
Fineness by the 45µm sieve	AS 3583.1	99%	22/04/2021
Relative density	AS 3583.5	2.91	14/04/2021
Relative water requirement	AS 3583.6	100%	15/04/2021
Relative strength 7 days (accelerated)	AS 3583.6	110%	22/04/2021
Relative strength 28 days (standard)	AS 3583.6	106%	13/05/2021

Violeta Paicu, Brad Vanderburg, Parisa Sowti, Mat File, File

Note:

- Sample was provided by the client and tested as received.



Approved Signatory Julius C. Alvaro Julius Alvaro
Date 14/05/2021 Serial No. CEM94011.JA.1

Accredited for compliance with ISO/IEC 17025 - Testing
This report shall not be reproduced except in full without the approval of the Boral MTS Laboratory
Test results in this Test Report relate only to the samples tested

NATA Accredited Laboratory

Number: 547



**Boral Construction Materials
Materials Technical Services**

Unit 4, 3-5 Gibbon Road
Baulkham Hills NSW 2153 Australia
PO Box 400, Winston Hills NSW 2153

T: +61 (02) 9624 9900

F: +61 (02) 9624 9999

www.boral.com.au

TEST REPORT

CLIENT: BORAL CEMENT – Maldon Cement
Maldon Bridge Road, Maldon, NSW 2571.

FILE No.:50/21

PROJECT: Testing of Maldon Enviroment Weekly Sample.

REQUEST No.: 94011

TEST PROCEDURE:

AS 3583.12 – 1991 – Determination of Available Alkali

Laboratory Sample No.: 252461
Date Sampled: 06/04/21
Date Received: 08/04/21
Date Tested: 10/05/21
Sample Description: Enviroment ID #
MDDNM2100925
Field No.: 1

TEST RESULTS:

Sodium as Na₂O (%) 0.09
Potassium as K₂O (%) 0.09
Available Alkali (%) 0.2

Available Alkali (%) = Na₂O (%) + (0.658 x K₂O %)

Note:

- Sample was provided by the Client and tested as received.

V.Paicu, B.Vanderburg,P.Sowti, Mat.File, File.



Approved Signatory

Nanthini Selvadurai

Date 12-05-21

Serial No. CHEM94011.NS.1

Accredited for compliance with ISO/IEC 17025 - Testing
This report shall not be reproduced except in full without the approval of the Boral MTS Laboratory
Test results in this Test Report relate only to the samples tested

NATA Accredited Laboratory

Number: 9968



**Boral Construction Materials
Materials Technical Services**

Unit 4, 3-5 Gibbon Road
Baulkham Hills NSW 2153 Australia
PO Box 400, Winston Hills NSW 2153

T: +61 (02) 9624 9900
F: +61 (02) 9624 9999

www.boral.com.au

TEST REPORT

CLIENT: BORAL CEMENT – MALDON CEMENT
Maldon Bridge Road, Maldon, NSW 2571.

FILE No.:50/21

PROJECT: Testing of Maldon Environment Weekly Sample.

REQUEST No.: 94011

TEST PROCEDURE: AS 3583.7 – Determination of Sulfide Sulfur content

Laboratory Sample No.: 252461
Date Sampled: 06/04/21
Date Received: 08/04/21
Sample Description: Environment ID #
MDDNM2100925
Field No.: 1

TEST RESULTS:

Sulfide Sulfur as S (%) 0.7

Sample submitted by the Client.

- Sample was provided by the Client.
- Test results relate only to the sample tested
- This report shall not be reproduced except in full without the approval of the Boral MTS Laboratory

A handwritten signature in black ink, appearing to read "Nanthini S".

Nanthini S
Analytical Chemist
11th May 2021.

V.Paicu, B.Vanderburg, P.Sowti, Mat.File, File.