



**Boral Construction Materials
Materials Technical Services**

Unit 4, 3-5 Gibbon Road
Baulkham Hills NSW 2153 Australia
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www.boral.com.au

TEST REPORT – MILLED SLAG

CLIENT: BORAL CEMENT – MALDON CEMENT

FILE NO.: 50/21

ADDRESS: Maldon Bridge Road, Maldon, NSW 2571

REQUEST NO.: 94892

LAB SAMPLE NO: 254805

SOURCE OF SAMPLE: Maldon

DATE RECEIVED: 03/06/2021

SAMPLE IDENTIFICATION: Enviroment ID # MDDNM2101616 - w/e 05/06/2021 - Date sampled: 31/05/2021

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

TEST METHOD: AS 3583: 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%	07/07/2021
Relative density	AS 3583.5	2.91	09/06/2021
Relative water requirement	AS 3583.6	99%	10/06/2021
Relative strength 7 days (accelerated)	AS 3583.6	103%	17/06/2021
Relative strength 28 days (standard)	AS 3583.6	100%	08/07/2021

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

Note:

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



Approved Signatory Julius Alvaro **Julius Alvaro**
Date 08/07/2021 Serial No. CEM94892.JA.1

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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



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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.: 94892

TEST PROCEDURE:

AS 3583.12 – 1991 – Determination of Available Alkali

Laboratory Sample No.: 254805
Date Sampled: 31/05/21
Date Received: 03/06/21
Date Tested: 07/07/21
Sample Description: Environment ID #
MDDNM2101616
Field No.: 1

TEST RESULTS:


Sodium as Na₂O (%) 0.09
Potassium as K₂O (%) 0.07
Available Alkali (%) 0.1

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 08-07-21 Serial No. CHEM94892.NS.1



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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.: 94892

TEST PROCEDURE: AS 3583.7 – Determination of Sulfide Sulfur content

Laboratory Sample No.: 254805
Date Sampled: 31/05/2021
Date Received: 03/06/2021
Date Tested: 22/06/2021
Sample Description: Environment ID
MDDNM2101616
Field No.: 1

TEST RESULTS:

Sulfide Sulfur as S (%) 0.79

Sample submitted by the Client.

- Sample was provided by the Client.
- Test results relate only to the sample tested
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A handwritten signature in black ink, appearing to read "Nanthini S".

Nanthini S

06th July 2021.

Violeta Paicu, Brad Vanderburg, Parisa Sowt, Anveel Datt, Mat.File, File.