


**TEST REPORT – MILLED SLAG****CLIENT:** BORAL CEMENT – MALDON CEMENT**FILE NO:** 50/22**ADDRESS:** Maldon Bridge Road, Maldon, NSW 2571**REQUEST NO:** 98405**LAB SAMPLE NO:** 264207**SOURCE OF SAMPLE:** Maldon**DATE RECEIVED:** 03/03/2022**SAMPLE IDENTIFICATION:** Enviroment ID # MDDNM2200520 - w/e 05/03/2022 - Date sampled: 01/03/2022**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%	07/04/2022
Relative density	AS 3583.5	2.91	10/03/2022
Relative water requirement	AS 3583.6	100%	10/03/2022
Relative strength 7 days (accelerated)	AS 3583.6	112%	17/03/2022
Relative strength 28 days (standard)	AS 3583.6	109%	07/04/2022

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

**Note:**

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

Approved Signatory  Julius Alvaro  
 Date 08/04/2022 Serial No CEM98405.JA.1





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**TEST REPORT**

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

FILE No.:50/22

PROJECT: Testing of Maldon Enviroment Weekly Sample.

REQUEST No.: 98405

**TEST PROCEDURE:**

AS 3583.12 – 1991 – Determination of Available Alkali

Laboratory Sample No.: 264207  
Date Sampled: 01/03/2022  
Date Received: 03/03/2022  
Date Tested: 11/04/2022  
Sample Description: Enviroment ID #  
MDDNM2200520  
Field No.: 1

**TEST RESULTS:**

Sodium as Na<sub>2</sub>O (%) 0.04  
Potassium as K<sub>2</sub>O (%) 0.06  
Available Alkali (%) 0.1

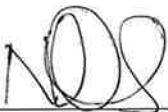
Available Alkali (%) = Na<sub>2</sub>O (%) + (0.658 x K<sub>2</sub>O %)

**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 - 04 - 22 Serial No. CHEM98405.NS.1

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Test results in this Test Report relate only to the samples tested

NATA Accredited Laboratory

Number: 9968



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**TEST REPORT**

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

FILE No.:50 / 22

PROJECT: Testing of Maldon Environment weekly sample.

REQUEST No.: 98405

**TEST PROCEDURE:** AS 3583.7 – Determination of Sulfide Sulfur content

Laboratory Sample No.: 264207  
Date Sampled: 01/03/2022  
Date Received: 03/03/2022  
Date Tested: 05/04/2022  
Sample Description: Environment  
ID # MDDNM2200520  
Field No.: 1

**TEST RESULTS:**

Sulfide Sulfur as S (%) 0.56

Sample submitted by the Client.

- Sample was provided by the Client.
- Test results in this test report relate only to the sample tested.
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Nanthini S

7<sup>th</sup> April 2022

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