

CM/L 7431062
(NABL ACCREDITED LABORATORY)

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Certificate No. : CMD/OPC/08.03.2021
Lot Create Date : 09.03.2021
Material : CMOPC53
Lab Code : 66/CM/03-2021
Sample Received From : Packing Plant
Address : SIL-Sanghipuram
Reference : Day Average Com.Despatch
During of testing Period : 09.03.2021 To 06.04.2021
Tested as per : IS4031 & IS4032
Date of Sample : 08.03.2021
Month : 03
Week : 10

NABL/TP/F30

Issue No.1, Amnd.No.: 03, Eff. Dt. : 19.08.2019

TEST CERTIFICATE

PARAMETERS TESTED	REQUIREMENTS AS PER IS 269:2015	RESULTS OBTAINED	TEST METHOD	UOM
1.Chemical Testing				
Loss on Ignition	LESS THAN 4.00%	1.91		%
Insoluble Residue	LESS THAN 5.00%	2.64		%
SO ₃	LESS THAN 3.50%	2.79		%
MgO	LESS THAN 6.00%	2.48		%
Chloride	LESS THAN 0.10%	0.034		%
LSF	0.80% To 1.02%	0.92		%
AM	MORE THAN 0.66%	1.21		%
C3A	-	6.73		%
2.Mechanical Testing				
Specific Surface	MORE THAN 225.00m ² /kg	293		M ² /Kg
Normal Consistency		29.3		%
Setting Time - Initial	MORE THAN 30.00min	110		min
Setting Time - Final	LESS THAN 600.00min	150		min
Soundness Lechatelier	LESS THAN 10.00MM	1.0		mm
Soundness Autoclave	LESS THAN 0.80%	0.10		%
Comp. Strength - 24 Hrs. *		23.7		MPa
Comp. Strength - 72 ± 1 Hrs.	MORE THAN 27.00MPa	35.6		MPa
Comp. Strength - 168 ± 2 Hrs.	MORE THAN 37.00MPa	44.6		MPa

Conditions :

- The test results pertain to the sample received only.
- This report is being issued with a specific understanding that SIL QC LAB will not in any way be involved in action following the interpretation of above results.
- This report shall not be re-produced except in full without written approval from SIL QC LAB.

Authorised Signatory

Quality Manager