



**BUREAU
VERITAS**



Test order / Report No. BVIPL / GGBS : 25941c/970/11/2020
Date of Receipt : 11.11.2020

Date : 26.11.2020
ULR-TC549120000005900F

TEST REPORT

RECONC BUILDING PRODUCTS PVT. LTD.
1-A,5th Floor, TIMES Square, Andheri Kurla Road,
Marol, Mumbai Suburban Maharashtra 400059

CHEMICAL TESTING
Building Material

TEST REPORT ON CHEMICAL PROPERTIES OF GGBS

Source of sample : Sample supplied by the customer
Condition of Sample : Satisfactory
No. of Sample Tested : 01 (One Only)
Customer's Reference : RBPL/TECH/001 Dt. 11.11.2020
Lab Reference Number : 2020/NOV/340955
Sample Details # : UGGBS – NOVA Superfine
Identification/ Location # : Recons Bldg. Product Pvt. Ltd.
Period of Test : 17.11.2020 to 26.11.2020
Test Method : IS: 4032-1985(RA 2014) Amendment No. 2 (March 2010)

Sl. No	Test Conducted	Results (%)	Requirements as per IS:16715 : 2018
1	Loss on Ignition , (% by mass)	See Note	Max. 3.0 %
2	Insoluble Residue (% by mass)	1.28	Max. 3.0 %
3	Sulphate (as (SO ₃) (% by mass)	0.54	Max. 3.0 %
4	Silica (SiO ₂) (% by mass)	34.95	Not Specified
5	Alumina (Al ₂ O ₃), (% by mass)	16.00	Not Specified
6	Iron Oxide, (Fe ₂ O ₃), (% by mass)	0.79	Not Specified
7	Calcium Oxide, (CaO), (% by mass)	36.21	Not Specified
8	Magnesia (MgO), (% by mass)	9.14	Max. 17 %
9	Chloride Content , (% by mass)	<0.01	Max. 0.1 %
10	Manganese Oxide, (Mn ₂ O ₃) (% by mass)	0.93	Not Specified
11	Manganese Oxide,(% by mass), (MnO)	0.84	Max.5.5 %
12	Sulphide Sulphur, (% by mass)	0.42	Max. 2.0 %
13	Calcium Sulphide (CaS), (% by mass)	0.95	Not Specified
14	CaO + MgO + SiO ₂	8.3	Not Specified
15	CaO + MgO /SiO ₂	1.30	Not Specified
16	CaO/SiO ₂	1.04	Not Specified
17	$\frac{CaO + MgO + 1/3 Al_2O_3}{SiO_2 + 2/3 Al_2O_3}$	1.11	Min. 1.0 %
18	$\frac{CaO + MgO + Al_2O_3}{SiO_2}$	1.76	Min.1.0 %
19	Moisture Content (% by mass).	0.080	Max.1.0 %

As furnished by the customer.

Note: Loss on ignition is not observed. Instead Gain observed.

- Note:**
1. The Results relate only to the samples tested.
 2. Report shall not be reproduced, except in full, without the written approval of the lab.
 3. Any correction invalidates this report.

For Bureau Veritas (India) Pvt. Ltd.

Construction Services Laboratory
Nandini Nandgoankar


Authorised Signatory

Bureau Veritas (India) Pvt. Ltd. - Construction Services Laboratory

Plot No. B3/B4, TTC Inds. Area, Off Thane Belapur Road, M.I.D.C., Digha, Navi Mumbai - 400 708. INDIA

Tel.: +91 22 50954870 • sales.mum@in.bureauveritas.com/adminlab.mum@in.bureauveritas.com • www.bureauveritas.co.in

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