

**Test Report**  
**Gypsum Chemical**

Customer Name : Shri Balaji Plasters. **Testing Location : PUNELAB**  
Office Address : Sr. No. 46/1/2, Opp. Orchid International School, Pisoli-Mohammadwadi Road, Undri, Pune-411060 **Material Code : OT**  
**Sample Ref No. 135841**  
Site Name (\*) : Shri BalajiPlasters, Undri **Report No. : OT-11243/1-1**  
Description (\*) : Gypsure Plus Gypsum, GYP09-23, Water:Gypsum Ratio 70:100 **Bill No : 202324PUN5407**  
Supplier Name : - **Date of Mat. Recd : 18-Oct-2023**  
Contact Details : Mr. Naveen Pareek - 9766510766,8624975671 (Route : R1) **Date of Testing : 25-Oct-2023**  
**Date of Issue : 26-Oct-2023**

**OBSERVATIONS & CALCULATIONS:**

**A) Chemical Analysis :**

Sr no.	Test	Unit	Test Result
1	Sulphate (SO <sub>3</sub> )	%	51.86
2	Total Calcium (CaO)	%	40.72
3	Loss on Ignition	%	4.85

**B) Specifications : IS 2547(Part 1) -1976 : 'Specification For Gypsum Building Plaster.'**

Sr no.	Test	Unit	Plaster of paris	Retarded Hemihydrate Gypsum plaster	Anhydrous Gypsum Plaster	Keene's Plaster
1	Sulphate (SO <sub>3</sub> )	%	Min 35	Min 35	Min 40	Min 47
2	Total Calcium (CaO)	%	Min 2/3 of SO <sub>3</sub>	Min 2/3 of SO <sub>3</sub>	Min 2/3 of SO <sub>3</sub>	Min 2/3 of SO <sub>3</sub>
3	Loss on Ignition	%	4 - 9	4 - 9	Max 3.0	Max 2.0
4	Free Lime	%	-	3+	-	-

**References :**

- 1) IS 2547(Part - 1) - 1976 : 'Specification For Gypsum BuildingPlaster.'
- 2) IS 1288-1973 Method of test for mineral gypsum & gypsum product.

**Remarks :**

- 1) The test reports and results relate to the particular specimen/sample(s) of the material as delivered/received and tested in the laboratory.
- 2) + Applicable to metal lathing plaster.

**Notes :**

- 1) (\*) indicates- Information has been provided by client.
- 2) Sampling has been carried out by client. DESPL is not responsible for sampling criteria.
- 3) Simple acceptance decision rule is applied as per ILAC G8 for the above conducted test.
- 4) The test reports and results relate to the particular specimen/sample(s) of the material as delivered/received and tested in the laboratory.
- 5) Any test report shall not be reproduced except in full, without the written permission from Durocrete.

Authorized Signatory



Irsha Kangude  
(Manager Operation)

Checked by : Manasi Sabne

--End of Report--