

## TEST CERTIFICATE

**Type of Sample : Regular POP**  
Plaster of Paris, Type -A  
β-Hemihydrate

### TEST RESULTS

<u>S.No.</u>	<u>Chemical Analysis / Test</u>	<u>Test Value</u>
1.	So <sub>3</sub> (Percent by mass) minimum [35%]	41.17%
2.	CaO (2/3 of So <sub>3</sub> )	27.44%
3.	Loss on Ignition (Percent by mass) (not > than 9 & Not < than 4)	7.0%
4.	Soluble Magnesium Salt (%Mgo - max)	0.3%
5.	Soluble Sodium Salt (%Na <sub>2</sub> O - Max)	0.3%
<b><u>Physical analysis / Test :</u></b>		
1.	Transverse strength (min 5kg/cm <sup>2</sup> ):-	7.17 kg/cm <sup>2</sup>
2.	Residue on 150 μm (Sieve) (5% max limit)	2.2%
3.	Soundness	Set Plaster Pats & no Sign of disintegration & Pitting
4.	Density	Normal
5.	Colour	White



Note :- (The result/value of Test may vary from one Lab to other)

**Lab Incharge**