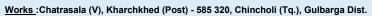


KALBURGI CEMENT PVT. LTD.

<u>Corporate Office</u>: 8-2-626, Reliance Majestic Building, Road No. 10, Banjara Hills, Hyderabad – 500 034, A.P., India. Ph.: +91 40 3006999; Fax: +91 40 30006955





TEST CERTIFICATE (OPC - 53 Grade)

Product: VICAT - OPTIMATE Week No: 25

Despatched From: 18/6/2025 TO 24/6/2025

Despatched 1 10111 . 10/0/2025 10 24/0/2025			
A	A. PHYSICAL REQUIREMENTS (as per IS:4031)	RESULTS	As per IS 269 – 2015
Fineness:			
a.	Specific Surface (m2/kg)	283	Not less than 225
b.	Normal Consistency (%)	29.00	
Sound	dness:		
a.	By Le-Chatelier Method (mm)	2.00	Not more than 10 mm
b.	By Autoclave (%)	0.06	Not more than 0.8 %
Setting Time:			
a.	Initial Setting Time (minutes)	160	Not less than 30
b.	Final Setting Time (minutes)	260	Not more than 600
Compressive Strength (MPa)			
a.	3 days	33.40	Not less than 27
b.	7 days	Awaited	Not less than 37
C.	28 days	Awaited	Not less than 53
B. CHEMICAL REQUIREMENTS (as per IS:4032)			
a.	Lime Saturation Factor	0.91	0.80 – 1.02
b.	Aluminum Modules	1.26	Not less than 0.66
C.	Insoluble Residue (%)	1.90	Not more than 5.0
d.	Magnesia (%)	1.07	Not more than 6.0
e.	Sulphuric Anhydride (%)	2.04	Not more than 3.5
f.	Loss on Ignition (%)	2.06	Not more than 4.0
g.	Chlorides (%)	0.01	Not more than 0.1
h.	Alkali Content (%)	0.54	Not Specified
i.	Temperature During Testing ⁰ C	27.50	27 ± 2
j.	Specific Gravity	3.14	3.12

Dishuf.

Asst Manager-QC

K. S. Arech

HOD - QC