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KALBURGI CEMENT PVT. LTD.

Corporate Office: 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

Works: Chatrasala (V), Kharchkhed (Post) - 585 320, Chincholi (Tq.), Gulbarga Dist.

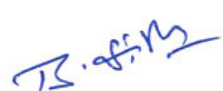
IS:269



CM/L :4578077

TEST CERTIFICATE (OPC - 53 Grade)**Product : VICAT - OPTIMATE****Week No: 37****Despatched from: 07.09.2020 to 13.09.2020**

A. PHYSICAL REQUIREMENTS	RESULTS	As per IS 269 – 2015
Fineness:		
a. Specific Surface (m ² /kg)	302	Not less than 225
b. Normal Consistency (%)	29.50	-----
Soundness:		
a. By Le-Chatelier Method (mm)	0.50	Not more than 10 mm
b. By Autoclave (%)	0.032	Not more than 0.8 %
Setting Time:		
a. Initial Setting Time (minutes)	160	Not less than 30
b. Final Setting Time (minutes)	250	Not more than 600
Compressive Strength (MPa)		
a. 3 days	37.40	Not less than 27
b. 7 days	46.20	Not less than 37
c. 28 days	Awaited	Not less than 53
B. CHEMICAL REQUIREMENTS		
a. Lime Saturation Factor	0.92	0.80 – 1.02
b. Aluminum Modules	1.10	Not less than 0.66
c. Insoluble Residue (%)	2.28	Not more than 5.0
d. Magnesia (%)	1.12	Not more than 6.0
e. Sulphuric Anhydride (%)	2.60	Not more than 3.5
f. Loss on Ignition (%)	2.58	Not more than 4.0
g. Chlorides (%)	0.022	Not more than 0.1
h. Alkali Content (%)	0.54	Not more than 0.6
i. Temperature During Testing °C	27.00	27 ± 2



Section In-Charge (Q.C)



Authorised Signature