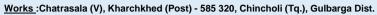


KALBURGI CEMENT PVT. LTD.

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TEST CERTIFICATE (OPC - 53 Grade)

Product: VICAT - OPTIMATE Week No: 35

Despatched From: 27-08-2022 TO 02-09-2022

A. PHYSICAL REQUIREMENTS		RESULTS	As per IS 269 – 2015
Fineness:			
a.	Specific Surface (m2/kg)	282	Not less than 225
b.	Normal Consistency (%)	29.5	
Soundness:			
a.	By Le-Chatelier Method (mm)	1.00	Not more than 10 mm
b.	By Autoclave (%)	0.06	Not more than 0.8 %
Setting Time:			
a.	Initial Setting Time (minutes)	145	Not less than 30
b.	Final Setting Time (minutes)	250	Not more than 600
Compressive Strength (MPa)			
a.	3 days	35.02	Not less than 27
b.	7 days	44.62	Not less than 37
C.	28 days	58.66	Not less than 53
B. CHEMICAL REQUIREMENTS			
a.	Lime Saturation Factor	0.87	0.80 – 1.02
b.	Aluminum Modules	1.39	Not less than 0.66
C.	Insoluble Residue (%)	2.16	Not more than 5.0
d.	Magnesia (%)	1.14	Not more than 6.0
e.	Sulphuric Anhydride (%)	2.62	Not more than 3.5
f.	Loss on Ignition (%)	2.85	Not more than 4.0
g.	Chlorides (%)	0.01	Not more than 0.1
h.	Alkali Content (%)	0.45	Not more than 0.6
i.	Temperature During Testing ⁰ C	27.00	27 ± 2

X

Section In-Charge (Q.C)

Authorised Signature