



# KALBURGI CEMENT PVT. LTD.

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IS:269



CM/L :4578077

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## TEST CERTIFICATE (OPC - 43 Grade)

Product : VICAT - PERFORMATE

Week No: 30

Despatched from: 23.07.2021 to 29.07.2021

A. PHYSICAL REQUIREMENTS	RESULTS	As per IS 269 – 2015
<b>Fineness:</b>		
a. Specific Surface (m <sup>2</sup> /kg)	276	Not less than 225
b. Normal Consistency (%)	30.00	-----
<b>Soundness:</b>		
a. By Le-Chatelier Method (mm)	1.18	Not more than 10 mm
b. By Autoclave (%)	0.041	Not more than 0.8 %
<b>Setting Time:</b>		
a. Initial Setting Time (minutes)	155	Not less than 30
b. Final Setting Time (minutes)	245	Not more than 600
<b>Compressive Strength (MPa)</b>		
a. 3 days	32.29	Not less than 23
b. 7 days	42.14	Not less than 33
c. 28 days	55.43	Not less than 43 & Not more than 58
<b>B. CHEMICAL REQUIREMENTS</b>		
a. Lime Saturation Factor	0.88	0.66 – 1.02
b. Aluminum Modules	1.15	Not less than 0.66
c. Insoluble Residue (%)	2.63	Not more than 5.0
d. Magnesia (%)	1.01	Not more than 6.0
e. Sulphuric Anhydride (%)	2.42	Not more than 3.5
f. Loss on Ignition (%)	2.81	Not more than 5.0
g. Chlorides (%)	0.020	Not more than 0.1
h. Alkali Content (%)	0.42	Not more than 0.6
i. Temperature During Testing °C	26.70	27 ± 2

Section In-Charge (Q.C)

Authorised Signature