

Laboratory J.K. White Cement Works, Post Office Gotan, Distt. Nagaur, Rajasthan
Accreditation Standard ISO/IEC 17025: 2005
Discipline Chemical Testing **Issue Date** 18.03.2015
Certificate Number T-1932 **Valid Until** 17.03.2017
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S.No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
I.	BUILDING MATERIALS			
1.	Cement OPC, PPC, PSC & White Cement	SiO ₂	IS 4032: 1985 (RA 2009)	15.0 % to 35.0 %
		Al ₂ O ₃	IS 4032: 1985 (RA 2009)	2.0 % to 12.0 %
		Fe ₂ O ₃	IS 4032: 1985 (RA 2009)	0.10 % to 5.0 %
		CaO	IS 4032: 1985 (RA 2009)	40.0 % to 72.0 %
		MgO	IS 4032: 1985 (RA 2009)	0.10 % to 6.0 %
		Na ₂ O	IS 4032: 1985 (RA 2009)	0.05 % to 6.0 %
		K ₂ O	IS 4032: 1985 (RA 2009)	0.05 % to 6.0 %
		SO ₃	IS 4032: 1985 (RA 2009)	0.5 % to 10.0 %
		Cl	IS 4032: 1985 (RA 2009) IS 12423: 1988	0.01 % to 2.0 %
		LOI	IS 4032:1985 (RA 2009)	0.5 % to 10.0 %
		Insoluble residue	IS 4032:1985 (RA 2009)	0.2 % to 35.0 %
		LOI	EN-196 (Part 2) : 2013	0.05 % to 6.0 %
		Insoluble residue	EN-196 (Part 2): 2013	0.05 % to 6.0 %
		SO ₃	EN-196 (Part 2): 2013	0.5 % to 10.0 %
		Cl	EN-196 (Part 2): 2013	0.01 % to 2.0 %

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