

Laboratory	Regional Laboratory, Textile Committee, A-18/B, Loha Mandi, Phase-II, Naraina, New Delhi		
Accreditation Standard	ISO/IEC 17025: 2005		
Discipline	Chemical Testing	Issue Date	14.10.2013
Certificate Number	T-0260	Valid Until	13.10.2015
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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
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I. TEXTILES & RELATED PRODUCTS

1. Textiles	Identification of fibre	IS : 667 : 1981 RA-2008 AATCC TM 20 : 2011	Qualitative
	Quantitative analysis of mixtures	IS : 9889 : 1988 RA-2004 (Silk + Wool)	0.1 - 100%
		IS : 1889 : 1979 (Part IV) RA -2005 (Cotton + Viscose)	0.1 – 100%
		IS 2005 : 1988 RA 2004 & IS 6503 : 1988 RA 2004 (Nylon + Others)	
		IS 2006 : 1988 RA 2004 (Wool + Others)	
		IS 3416 – Part I : 1988 RA 2008 (Polyester + Cotton) & (Polyester + Viscose)	
		IS 3421: 1988, RA 2004 (Acrylic + Others) DMF method	
		IS 9896: 1981, RA 2008 (Polyolefin + Others) AATCC TM 20A: 2010	

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	Textiles	% Composition by physical separation	TC/LAB-TM-14 AATCC TM 20A : 2012	0.1 – 100%
		Colour fastness to washing Test I	IS/ISO 105 C10- 2006 A(1) ISO 105 C10- 2006E A(1)	Grade 1 to 5
		Test II	IS/ISO 105 C10- 2006 B(2) ISO 105 C10- 2006E B(2)	
		Test III	IS/ISO 105 C10- 2006 C(3) ISO 105 C10- 2006E C(3)	
		Test IV	IS/ISO 105 C10- 2006 D(4) ISO 105 C10- 2006E D(4)	
		Test V	IS/ISO 105 C10- 2006 E(5) ISO 105 C10- 2006E E(5)	
		Colour fastness to Dry Cleaning	IS : 4802 : 1988 RA 1999 ISO 105 D01 –2010	Grade 1 to 5
		Colour fastness to Xenon Arc Lamp	AATCC TM 16 (Option 3)- 2012 IS: 2454: 1985 RA 2006 ISO 105 B02 -2013, Amnd 2	Grade 1 to 5 Class 1 to 8
		Colour fastness to Organic Solvents	IS 688 : 1988 RA 2004 ISO 105 –X05 :1994	Grade 1 to 5
		Colour fastness to Rubbing/ Crocking	IS 766 : 1988 RA 2004 AATCC TM 8 : 2007 ISO 105-X12-2001	Grade 1 to 5
		Colour fastness to Perspiration	IS 971 : 1983 RA 2004 BSEN ISO 105 E04 : 1996 ISO 105 E04 : 2013	Grade 1 to 5

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	Textiles	Colour fastness to Water	IS 767 : 1988 RA 2004 ISO 105 – E01 – 2010 AATCC TM 107 : 2009	Grade 1 to 5
		Fabrics (other than wool) method for determination of dimensional changes on soaking in water	IS: 2977 : 1989 RA 2005 (other than wool woven & knitted)	-20% to 10%
		Determination of Dimensional Changes of fabrics containing wool on soaking in water	IS: 665: 1989 RA 2005 (for fabrics containing wool)	
		pH of aqueous extracts	IS: 1390 : 1983 RA 2004 AATCC TM 81 : 2012 ISO 3071 -2005E	1 to 14
		Water Soluble Matter	IS : 3456 : 1966 RA 2005	0.1 to 40%
		Dimensional Changes to Home Laundering	AATCC TM 135: 2012	-20% to 10%
		Free and Hydrolysed Formaldehyde	ISO 14184 – 1 : 1998	0.5-1000 ppm
		Moisture Content	IS 199 :1989 RA 2005	0.5 to 90%

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