

<b>Laboratory</b>	<b>Regional Laboratory, Textiles Committee, FKCCI-WTC Building, K. G. Road, Bangalore, Karnataka</b>		
<b>Accreditation Standard</b>	<b>ISO/IEC 17025: 2005</b>		
<b>Discipline</b>	<b>Chemical Testing</b>	<b>Issue Date</b>	<b>28.03.2014</b>
<b>Certificate Number</b>	<b>T-0431</b>	<b>Valid Until</b>	<b>27.03.2016</b>
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<b>S.No.</b>	<b>Product / Material of Test</b>	<b>Specific Test Performed</b>	<b>Test Method Specification against which tests are performed</b>	<b>Range of Testing / Limits of Detection</b>
<b>I.</b>	<b>TEXTILES &amp; RELATED PRODUCTS</b>			
<b>1</b>	<b>Fibres, Yarn</b>	Moisture content	IS 199: 1989 (RA 2010)	0.1 to 25%
<b>2</b>	<b>Textiles</b>	Identification of fibres	IS 667:1981 (RA 2008) AATCC 20:2010	Qualitative
		Quantitative analysis of mixtures:	IS 9889:1988 (RA 2010) (Silk + Wool)	0.1 to 100%
			IS 1889:1979 (Part 4) (RA 2010) (Cotton + Viscose)	0.1 to 100%
			IS 2005:1988(RA 2009) (Nylon + Cotton, regenerated, Cellulose, Polyester, Polypropylene, Chlorofibres, Acrylic, Glass)	0.1 to 100%
			IS 6503:1988 (RA 2010) Protein Fibre, Nylon + Cotton or Viscose, Polyester, Glass	0.1 to 100%
			IS 2006:1988 (RA 2009) (Wool + Others)	0.1 to 100%
			IS 3416 Part I -1988 (RA 2008) (Polyester + Cotton) (Polyester + Viscose)	0.1 to 100%

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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
			IS 3421:1988 (RA 2010) (Acrylic + Others) DMF method	0.1 to 100%
			IS 9896:1981 (RA 2008) (Polyolefin + others)	0.1 to 100%
		Colour fastness to washing Test I	IS /ISO 105 C-10 (A1) 2006 ISO 105 C10(A1)- 2006	Grade 1 - 5 (Qualitative)
		Test II	IS /ISO 105 C-10 (B2) 2006 ISO 105 C10 (B2)- 2006	Grade 1 - 5 (Qualitative)
		Test III	IS /ISO 105 C-10 (C3) 2006 ISO 105 C10 (C3)- 2006	Grade 1 - 5 (Qualitative)
		Test IV	IS /ISO 105 C-10 (D4) 2006 ISO 105 C10 (D4)- 2006	Grade 1 - 5 (Qualitative)
		Test V	IS /ISO 105 C-10 (E5) 2006 ISO 105 C10 (E5)- 2006	Grade 1 - 5 (Qualitative)
		Colour fastness to laundering, Home & Commercial	AATCC 61-1A -2010 ISO 105 C06-2010	Grade 1 to 5 (Qualitative)
		Colour fastness to rubbing /crocking	IS 766:1988 (RA 2009) ISO 105 X12-2001 AATCC 8-2007	Grade 1 to 5 (Qualitative)
		Colour fastness to perspiration	IS 971:1983 (RA 2009) ISO 105 E04-2013	Grade 1 to 5 (Qualitative)

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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
		pH of aqueous extracts	IS: 1390:1983 (RA 2009) ISO 3071 – 2005 AATCC- 81- 2012	1 to 13
		Colour fastness to dry cleaning	IS 4802-1988 (RA 2010) ISO-105-D01-2010	Grade 1 to 5 (Qualitative)
		Colour fastness to Water	IS 767 – 1988 (RA 2009) ISO 105- E01–2010 AATCC 107-2012	Grade 1 to 5 (Qualitative)
		Colour fastness to artificial light	AATCC 16.3 – 2012 (Option 2) ISO 105 B02:2013 IS 2454:1985 (RA 2010)	Grade 1 to 5 Class 1 to 8 Class 1 to 8 (Qualitative)
3.	<b>Fabrics, Garments &amp; Madeups</b>	% Composition by physical separation	TC/LAB-TM-15	0.1 to 100%
		Dimensional Changes (for various categories of fabrics)	IS: 2977:1989 (RA 2010) (Other than wool woven & knitted)	0 to 50%
		Dimensional Changes to Washing	AATCC 135-2012 ISO 5077:2007/ ISO 6330:2012	0 to 50%

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