Regional Laboratory, Textiles Committee, Block GN, Plot 38/3, Salt Lake City, Sector-V, Kolkata Laboratory

Accreditation Standard ISO/IEC 17025:2005

Discipline **Chemical Testing** Issue Date 25.10.2012

Certificate Number T-1195 Valid Until 24.10.2014

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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
<u>TEXT</u>	<u> ILE</u>			
1	FIBRES, YARN	Moisture content	IS-199-1989 RA-2005	0 to 100%
2	TEXTILES	Identification of fibres	IS 667:1981 RA-2008	Qualitative
		Quantitative analysis of mixtures:	IS 9889:1988 RA-2004 (Silk & wool)	0 - 100%
			IS 1889:1979 (Part 4) RA-2005 (Cotton + Viscose)	0 - 100%
			IS 6503:1988 & 2004:1988 RA 2004 (Nylon + Others)	0 - 100%
			IS 2006:1988 RA-2004 (Wool + Others)	0 - 100%
			IS 3416- Part I-: 1988, RA2008 (Polyester + Cotton) (Polyester + Viscose)	0 - 100%
			IS 3421:1988 RA-2004 (Acrylic + Others) DMF method	0 - 100%
			IS:9896-1981 RA-2008 (Polyolefin + Others)	0 - 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
		% Composition by physical separation	TC/LAB-TM-14	0 to 100%
		pH of aqueous extracts	IS: 1390- 83 RA-2004 AATCC- 81-2006 ISO 3071- 2005	1 to 14
		Colour fastness to washing with soap or soap & soda Test I	IS/ISO 105 C10 A-1- 2006 ISO 105 C10 A-1- 2006	Grade 1 to 5
		Test II	IS/ ISO 105 C10 B-2 –2006 ISO 105 C10 B-2 –2006	Grade 1 to 5
		Test III	IS/ ISO 105-C10 C-3-2006 ISO 105 C10 C-3 -2006	Grade 1 to 5
		Test IV	IS/ ISO 105-C10 D-4-2006 ISO 105-C10 D-4-2006	Grade 1 to 5
		Test V	IS/ISO 105-C10 E-5-2006 ISO 105-C10 E-5-2006	Grade 1 to 5
		Colour fastness to Rubbing / Crocking	IS 766:1988 RA-2004 AATCC 8-:2007 ISO 105 - X 12-2001	Grade 1 to 5
		Colour fastness to Perspiration	IS 971:1983 RA-2004 ISO 105 EO4-2008	Grade 1 to 5
		Colour fastness to Water	IS 767:1988 RA-2004 ISO 105- E01–2010	Grade 1 to 5
		Water soluble matter	IS 3456:966 RA-2005	0.1 to 50%

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3	FIBER, YARNS, FABRICS, GARMENTS & MADEUPS	Colour fastness to Artificial Light (Xenon Arc Lamp)	IS 2454:1985 RA-2006 ISO 105 B02-2000	Numerical Rating 1 to 8
4	FABRICS, GARMENTS & MADE UPS	Dimensional Changes (for various categories of fabrics) for soaking in water	IS 2977:1989 RA-2005 (other than wool) IS 665:1989 RA-2005 (for fabrics containing wool)	0.1 to 50%