Regional Laboratory, Textile Committee, Raj Chambers, 978-A, Thadagam Road, Coimbatore, Tamil Nadu Laboratory

**Accreditation Standard** ISO/IEC 17025: 2005

**Discipline Chemical Testing** Issue Date 13.06.2014

**Certificate Number** T-0429 Valid Until 12.06.2016

Last Amended on Page 1 of 2

S.No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
I. TE	XTILE & TEXTILE	AUXILIARIES		
1.	Textiles	Estimation of Moisture	IS 199-1989, (RA 2011)	1% to 100 %
		Identification of Textile fibers	IS 667-1981, (RA 2008) AATCC: 20-2013	Qualitative
		Quantitative Chemical analysis of binary mixtures: of regenerated cellulose fibers and cotton	IS 1889 (Part 4)-1979, (RA 2011) (Cotton + Viscose)	1 to 99%
		Quantitative Chemical analysis of binary mixtures: of polyester fibers with cotton or regenerated cellulose	IS 3416 (Part I)- 1988, (RA 2008) (Polyester + Cotton) or (Polyester + Viscose)	1% to 99%
		Fiber Analysis Quantitative	AATCC 20 A-2013	1% to 99%
		Colour fastness to washing with soap or soap and soda	ISO 105 C-10-2006 ISO 105 C-10-2006	Grade 1 to 5
		Colour fastness to domestic and Commercial Laundering	AATCC 61-1A-2013 ISO 105-C06:2010	Grade 1 to 5
		Colour fastness to rubbing / crocking	IS 766-1988, (RA 2004) AATCC 8-2013 ISO 105- X 12-2001	Grade 1 to 5

Regional Laboratory, Textile Committee, Raj Chambers, 978-A, Thadagam Road, Coimbatore, Tamil Nadu Laboratory

**Accreditation Standard** ISO/IEC 17025: 2005

Discipline **Chemical Testing** Issue Date 13.06.2014

**Certificate Number** T-0429 Valid Until 12.06.2016

Last Amended on Page 2 of 2

S.No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
	Textiles	Colour fastness to artificial light Xenon Arc fading Lamp	AATCC 16.3- 2012 (Option-5) ISO 105 B02-2013 IS 2454-1985, (RA- 2006)	Grade 1 to 5
		Colour fastness to dry cleaning using perchloroethylene solvent	ISO-105-D01-2010 IS 4802-1988, (RA 1999)	Grade 1 to 5
		Colour fastness to organic solvent	IS 688-1988, (RA 2004 ) ISO 105:X05/1994	Grade 1 to 5
		pH of aqueous extracts	IS 1390-1983, (RA 2009) ISO 3071 – 2005 AATCC- 81:2006	2 to 12
2.	Fabrics, Garments & Made Ups	Dimensional Changes (for various categories of fabrics) for soaking in water	IS 2977-1989, (RA 2005) (other than wool woven & knitted)	0 to 50%
3.	Fabrics	Dimensional changes of fabrics after Home Laundering	AATCC 135-2010	0 to 50%
4.	Fabrics, Garments Made Ups & Yarn	Barium Activity Number	IS 1689 -1973, (RA 2004)	100 to 200