

Laboratory	Aroma Laboratories (India) Pvt. Ltd., 20A, Channamal Park, Punjabi Bagh (East), New Delhi		
Accreditation Standard	ISO/IEC 17025: 2005		
Discipline	Chemical Testing	Issue Date	08.06.2015
Certificate Number	T-1914	Valid Until	07.06.2017
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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. TEXTILE & TEXTILE AUXILIARIES				
1.	Textile & related products (Textile Yarn, Fabric & Garments)	Identification & Blend Composition	IS 2006: 1988 (RA 2009), Amendment Nos. 1 & 2 IS 3416 (Part 1): 1988 (RA 2013), Amendment Nos. 1 & 2 IS 3416 (Part 2): 1999 IS 3421: 1988 (RA 2010), Amd. 1 IS 667: 1981 (RA 2013) IS 1889 (Part 1): 1976 (RA 2004) IS 6503: 1988 (RA 2010), Amd. 1 IS 6504: 1979 (RA 2010), Amendment Nos. 1 & 2	5 % to 100 %
		Wool Content	IS 8476: 1977 (RA 2010), Amd. 1	85 % to 100 %
		Solvent Soluble Matter of textile material	IS 4390: 2001 (RA 2013)	0.2 % to 20 %
		Chloride Content of textile material	IS 4202: 1967 (RA 2010)	0.1 % to 5 %
		Sulphate Content of textile material	IS 4203: 1967 (RA 2010)	0.1 % to 5 %
		Chromium Content of textile material	IS 4655: 1968 (RA 2010), Amd. 1	0.5 % to 5 %
		Water Soluble Matter of textile material	IS 3456: 1966 (RA 2010)	0.2 % to 20 %
		Colour fastness to Perspiration	IS 971: 1983 (RA 2009), Amd. 1	Qualitative (Rating: 1 to 5)
		Colour fastness to Rubbing	IS 766: 1988 (RA 2009)	Qualitative (Rating: 1 to 5)

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	Textile & related products (Textile Yarn, Fabric & Garments)	Colour fastness to Organic Solvent	IS 688: 1988 (RA 2009)	Qualitative (Rating: 1 to 5)
		Colour fastness to Water	IS 767: 1988 (RA 2009)	Qualitative (Rating: 1 to 5)
		Colour fastness to Washing	IS/ISO 105 C10: 2006	Qualitative (Rating: 1 to 5)
		Colour fastness to Bleaching	IS 762: 1988 (RA 2009)	Qualitative (Rating: 1 to 5)
		Colour fastness to Light	IS 2454: 1985 (RA 2013), Amd. 1 ISO 105 B02: 2013	Qualitative (Rating: 1 to 8)
		Proofing Content:		
		a) Single texture rubberised water proof fabric	IS 5915: 1970 (RA 2012), Amdt. Nos.1 & 2, Appendix C	100 g/m ² to 500 g/m ²
		b) Double texture rubberised water proof fabric	IS 6110: 1983 (RA 2012), Amdt. Nos.1, 2 & 3, Appendix D	100 g/m ² to 500 g/m ²
		c) Common proofed canvas/ Duck and Paulin (Tarpaulin)	IS 2089: 1977 (RA 2012), Amdt. Nos.1 & 2 (Clause 3.31 – 3.33 and 6.1), Appendix A	30 % to 100 %
		Alumina Content	IS 2089: 1977 (RA 2012), Amendment Nos. 1 & 2	0.1 % to 15 %
	Scouring Loss of textile material	IS 1383: 1977 (RA 2009)	0.5 % to 20 %	
	Scouring Loss of Jersey, Y-Neck Plain Knitted, Worsted	IS 2360: 1977 (RA 2008), Amendment No. 1, Appendix A-6		
	Iron Content of textile material	IS 4655: 1968 (RA 2010), Amendment No. 1	0.1 % to 4 %	

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	Textile & related products (Textile Yarn, Fabric & Garments)	Ash Content of textile material	IS 199: 1989 (RA 2010) IS 2089: 1977 (RA 2012), Amendment Nos. 1 & 2	0.2 % to 25 %
		Zinc/Copper Content of Common proofed canvas/ Duck Paulin (Tarpaulin)	IS 2089: 1977 (RA 2012), Amdt. Nos. 1 & 2, Appendix A-2	0.1 % to 5 %
		pH Value of Aqueous Extract of textile material	IS 1390: 1983 (RA 2009)	1 to 14
II. RUBBER & SYNTHETIC RUBBER				
1.	Vulcanized Rubber & Rubber products	Rubber Hydrocarbon Content (Natural Rubber Composition)	IS 6110: 1983 (RA 2012), Amendment Nos. 1, 2 & 3 ASTM D 297: 93 (2006)	15 % to 80 %
		Rubber Polymer Content (Indirect Method)	IS 3400 (Part 22): 1984 (RA 2008) IS 5915: 1970 (RA 2012), Amendment Nos. 1 & 2 IS 6110: 1983 (RA 2012), Amendment Nos. 1, 2 & 3	15 % to 80 %
		Carbon Black Content	IS 3400 (Part 22): 1984 (RA 2008) (Nitric acid digestion method) ASTM D 297: 93 (2006)	2 % to 50 %
		Zinc Oxide Content	IS 3400 (Part 22): 1984 (RA 2008) ASTM D 297: 93 (2006)	0.5 % to 35 %
		Identification of Polymers	IS 3400 (Part 22): 1984 (RA 2008)	Qualitative

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	Vulcanized Rubber & Rubber products	Acetone Extract	IS 6110: 1983 (RA 2012), Amendment Nos. 1, 2 & 3, Appendix C, C-1	0.5 % to 20 %
		Ash Content	IS 3400 (Part 22): 1984 (RA 2003) ASTM D 297: 93 (2006)	0.1 % to 70 %
III. LEATHER				
1.	Leather & Leather Products	Solvent Extractable Substances	LC-4 of IS 582: 1970 (RA 2009), Amendment No. 1	0.5 % to 15 %
		Total Ash	LC-3 of IS 582: 1970 (RA 2009), Amendment No. 1	0.5 % to 20 %
		Water Soluble matter	LC-6 of IS 582: 1970 (RA 2009), Amendment No. 1	0.2 % to 25 %
		Chromium (as Cr ₂ O ₃) Content	LC-10 of IS 582: 1970 (RA 2009), Amendment No. 1	0.5 % to 6 %
		pH value of Water Solubles	LC-18 of IS 582: 1970 (RA 2009), Amendment No. 1	1 to 14
		Hide Substances	LC-5 of IS 582: 1970 (RA 2009), Amendment No. 1	10 % to 80 %
		Bound Organic Substances	LC-21 of IS 582: 1970 (RA 2009), Amendment No. 1	1 % to 50 %
		Degree of Tannage	LC-21 of IS 582: 1970 (RA 2009), Amendment No. 1	1 % to 80 %
		Sulphated Ash of Water Solubles	LC-7 of IS 582: 1970 (RA 2009), Amendment No. 1	0.1 % to 20 %

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