

Laboratory	SGS India Private Limited – Consumer Testing Services Laboratory – Softlines, Plot No. 250, Udyog Vihar , Phase – IV, Gurgaon, Haryana		
Accreditation Standard	ISO/IEC 17025: 2005		
Discipline	Chemical Testing	Issue Date	06.10.2015
Certificate Number	T-0356	Valid Until	05.10.2017
Last Amended on	08.10.2015	Page	1 of 45

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 AND TEXTILES AUXILIARIES			
1.	Textiles and Textiles Accessories	Color Fastness to Washing	AATCC-61: 2013 AS 2001.4.15: 2006 ISO 105 C08: 2010 BS EN ISO 105 C08: 2010 ISO 105 C09: 2001 (Amd.1: 2003) BS EN ISO 105 C09: 2003 EN ISO 105 C09: 2003 BS EN ISO 105 C06: 2010 ISO 105 C06: 2010 BS EN ISO 105 C10: 2007 ISO 105 C10: 2006 DIN EN ISO 105 C10: 2007 DIN EN 20105: 1993 (CO1-CO5) CAN/CGSB-4.2, Method. 19.1 M04: 2004 (RA 2013) DIN EN ISO 105 C06: 2010 DIN EN ISO 105 C09: 2007 DIN EN ISO 105 C08: 2010	Qualitative (Grade 1 to 5)
		Color Fastness to Crocking	AATCC-8: 2013 AATCC 116: 2013 AATCC165: 2013 ISO 105 X12: 2001 ISO 105 X16: 2001 BS EN ISO 105 X16: 2002 DIN EN ISO 105 X16: 2003 AS 2001.4.3: 1995 BS EN ISO 105 X12: 2002 DIN EN ISO 105 X12: 2002 CAN CGSB-4.2No.22: 2004 (RA 2013) GB/T 3920: 2008	Qualitative (Grade 1 to 5)

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Laboratory	SGS India Private Limited – Consumer Testing Services Laboratory – Softlines, Plot No. 250, Udyog Vihar , Phase – IV, Gurgaon, Haryana		
Accreditation Standard	ISO/IEC 17025: 2005		
Discipline	Chemical Testing	Issue Date	06.10.2015
Certificate Number	T-0356	Valid Until	05.10.2017
Last Amended on	08.10.2015	Page	2 of 45

S.No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
	Textiles and Textiles Accessories	Color Fastness to Perspiration	AATCC –15: 2013 ISO 105 E04: 2013 BS EN ISO 105 E04: 2013 DIN EN ISO 105 E04: 2013 JIS L 0848: 2004 CAN/CGSB-4.2No.23 M90-2004 (RA 2013) AS2001.4.E04: 2005 GB/T 3922: 2013	Qualitative (Grade 1 to 5)
		Color Fastness to Light	ISO 105 B02: 2014 BS EN ISO 105 B02: 2014 JIS L0843: 2006 DIN EN ISO 105 B02: 2014 ENISO 105 B02: 2014 AS 2001.4.21: 2006 AATCC 16.3: 2012 ASTM D 2053: 1999 (RA 2010)	Qualitative (Grade 1 to 5)
		Color Fastness to Water	AATCC 107: 2013 AS 2001.4.E01: 2001 ISO 105 E01: 2013 BS EN ISO 105 E01: 2013 DIN EN ISO 105 E01: 2013 EN ISO 105 E01: 2013 JIS L0846: 2004 CAN/CGSB-4.2.No.20-M89: (RA 2013) GB/T 5713: 2013	Qualitative (Grade 1 to 5)

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Accreditation Standard	ISO/IEC 17025: 2005		
Discipline	Chemical Testing	Issue Date	06.10.2015
Certificate Number	T-0356	Valid Until	05.10.2017
Last Amended on	08.10.2015	Page	3 of 45

S.No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
	Textiles and Textiles Accessories	Color Fastness to Sea Water	AATCC 106: 2013 ISO 105 E02: 2013 BS EN ISO 105 E02: 2013 DIN EN ISO 105 E02: 2013 CAN/CGSB 4.2 No. 21 M90: (RA 2013) AS 2001.4.E02: 2001	Qualitative (Grade 1 to 5)
		Color Fastness to Chlorine Bleach	ISO 105 N01: 1993 (RA 2015) BS EN 20105 NO1: 1995 DIN EN 20105 N01: 1995	Qualitative (Grade 1 to 5)
		Color Fastness to Drycleaning	AATCC-132: 2013 ISO 105-D01: 2010 BS EN ISO 105-D01: 2010 EN ISO 105 -D01: 2010 DIN EN ISO 105-D01: 2010 CAN/CGSB-4.2 No. 29.1 M89: 1997 JIS L 0860: 2008 AS 2001.4.16: 1981 (Perchloroethylene only)	Qualitative (Grade 1 to 5)
		Color Fastness to Migration On PVC	ISO 105 x 10: 1993 BS EN ISO 105 x 10: 1996	Qualitative (Grade 1 to 5)
		Color Fastness to Water Spotting	AATCC 104: 2014 BS EN ISO 105 E07: 2010 ISO 105 E07: 2010	Qualitative (Grade 1 to 5)
		Color Fastness to Ozone	AATCC 109: 2011 ISO 105 G03: 1993 (at low humidities)	Qualitative (Grade 1 to 5)

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Accreditation Standard	ISO/IEC 17025: 2005		
Discipline	Chemical Testing	Issue Date	06.10.2015
Certificate Number	T-0356	Valid Until	05.10.2017
Last Amended on	08.10.2015	Page	4 of 45

S.No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
	Textiles and Textiles Accessories	Color Fastness to Rug Back Staining On Vinyl Tile	AATCC 137: 2012	Qualitative (Grade 1 to 5)
		Color Fastness to Chlorinated Pool Water	AATCC 162: 2011 ISO 105 E03: 2010 BS EN ISO 105 E03: 2010 DIN EN ISO 105 E03: 2010	Qualitative (Grade 1 to 5)
		Oil Resistance	AATCC 118: 2013	Qualitative (Grade 0 to 8)
		Color Fastness to Mercerization	ISO 105 x04: 1994 BSEN ISO 105 X04: 1997	Qualitative (Grade 1 to 5)
		Stain Release	AATCC 130: 2010	Qualitative (Grade 1 to 5)
		Color Fastness to Shampooing	BS 1006 UK-TB: 1990	Qualitative (Grade 1 to 5)
		-Fiber Analysis (QNT. METHODS) (For Cotton, Polyester, Nylon, Silk, Acrylic, Wool, Viscose, Acetate, Polypropylene, Spandex, Linen, Modal, Lyocell Composition Only)	AS 2001.7: 2005 AATCC-20A: 2014 AATCC 20: 2013 ISO 1833: 2006 BS 4407: 1988 (RA 2007) In Accordance with regulation : (EU) No. 1007: 2011 (EU) No.286: 2012 CAN/CGSB4.2 No. 14: 2005 JIS L 1030-2: 2012 GB/T 2910: 2009 GB/T 29862: 2013	1 % to 100 %

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Accreditation Standard	ISO/IEC 17025: 2005		
Discipline	Chemical Testing	Issue Date	06.10.2015
Certificate Number	T-0356	Valid Until	05.10.2017
Last Amended on	08.10.2015	Page	5 of 45

S.No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
	Textiles and Textiles Accessories	Color Fastness to Organic Solvent	EN ISO 105 X05: 1997	Qualitative (Grade 1 to 5)
		Assessment of Potential to Phenolic Yellowing	ISO 105 X18: 2007	Qualitative (Grade 1 to 5)
		Color Fastness to Saliva & Sweat	LFGB § 64 BVL B 82.10.1-1985 DIN V 53160-1: 2010 DIN V 53160-2: 2010	Qualitative (Grade 1 to 5)
		Color Fastness to Saliva	GB/T 18886: 2002	Qualitative (Grade 1 to 5)
		Color Fastness to Acids & Alkalies	AATCC 6: 2011 (Acids Only)	Qualitative (Grade 1 to 5)
		Color Fastness to Acids	ISO 105 E05: 2010	Qualitative (Grade 1 to 5)
		Color Fastness to Perspiration & Light	AATCC 125: 2013 ISO 105 B07: 2009 BS EN ISO 105 B07: 2009	Qualitative (Grade 1 to 5)
		Color Fastness to Heat: Dry (Excluding Pressing)	AATCC 117: 2013 EN ISO 105 PO1: 1995 ISO 105 P01: 1993 BS EN ISO 105 P01: 1995	Qualitative (Grade 1 to 5)
		Color Fastness to Heat: Hot Pressing	AATCC 133: 2013 EN ISO 105 X11: 1996 ISO 105 X11: 1994 BS EN ISO 105 X11: 1996	Qualitative (Grade 1 to 5)

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Accreditation Standard	ISO/IEC 17025: 2005		
Discipline	Chemical Testing	Issue Date	06.10.2015
Certificate Number	T-0356	Valid Until	05.10.2017
Last Amended on	08.10.2015	Page	6 of 45

S.No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
	Textiles and Textiles Accessories	Color Fastness to Rubbing: Organic Solvent	EN ISO 105 D02: 1995 ISO 105 D02: 1993 BS EN ISO 105 D02: 1996	Qualitative (Grade 1 to 5)
		Color Fastness to Dye Transfer In Storage (Fabric to Fabric)	AATCC 163: 2013	Qualitative (Grade 1 to 5)
		Calculation of Color Difference	ISO 105 J03: 2009 (RA 2015) BS EN ISO 105 J03: 2009 EN ISO 105 J03: 2009 AATCC 173: 2009	0.0 to 20 ΔE CMC
		Instrumental Assessment of Relative Whiteness	AATCC 110: 2011 ISO 105 J02: 1997 EN ISO 105 J02: 1999	1.0 to 200
		Color Fastness to Solvent Spotting: Perchloroethyle	AATCC 157: 2010	Qualitative (Grade 1 to 5)
		pH Value of Aqueous Extract	AATCC 81: 2012 ISO 3071: 2005 BS EN ISO 3071: 2006 DIN EN ISO 3071: 2006 GB/T 7573: 2009	2 to 12

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Certificate Number **T-0356** **Valid Until** **05.10.2017**

Last Amended on **08.10.2015** **Page** **7 of 45**

S.No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
	Textiles and Textiles Accessories	Formaldehyde Content (Free and Hydrolysed)	ISO 14184-1: 2011 BS EN ISO 14184- 1: 2011 DIN EN ISO 14184- 1 : 2011-12 JIS L 1041: 2011 § 64 LFGB, BVL B 82.02-1 : 1985 GB/T 2912.1: 2009	10 mg/kg to 2000 mg/kg
		Release Formaldehyde Content	AATCC - 112: 2008 ISO 14184-2: 2011 BS EN ISO 14184- 2: 2011 DIN EN ISO 14184- 2 : 2011-12 GB/T 2912.2: 2009	
		Qualitative Detection of Formaldehyde by Spot Test	AATCC-94: 2012	Qualitative (Present/Absent)

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Accreditation Standard	ISO/IEC 17025: 2005		
Discipline	Chemical Testing	Issue Date	06.10.2015
Certificate Number	T-0356	Valid Until	05.10.2017
Last Amended on	08.10.2015	Page	8 of 45

S.No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
	Textiles and Textiles Accessories	Pentachlorophenol(PCP)	IS 15651: 2006	0.05 mg/kg to 200 mg/kg
		2,3,4,6-Tetrachlorophenol 2,3,4,5-Tetrachlorophenol 2,3,5,6-Tetrachlorophenol	SO-IN-CTS-GUR-TE-07A Issue. 4, Dated.Feb,2015 (SOP based on § 64 LFGB, BVL B 82.02.8: 2001)	
		2,4,6-Trichlorophenol 2,3,4-Trichlorophenol 2,3,5-Trichlorophenol 2,3,6-Trichlorophenol 2,4,5-Trichlorophenol 3,4,5-Trichlorophenol	SO-IN-CTS-GUR-TE-07B Issue. 2, Dated. June,2015 (SOP based on XP G08 015: 2000)	
			SO-IN-CTS-GUR-TE-08 Issue. 4, Dated. February, 2015 [SOP based on § 64 LFGB, BVL B 82.02.8 : 2001 (KOH EXTN.)]	

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Accreditation Standard	ISO/IEC 17025: 2005		
Discipline	Chemical Testing	Issue Date	06.10.2015
Certificate Number	T-0356	Valid Until	05.10.2017
Last Amended on	08.10.2015	Page	9 of 45

S.No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
	Textiles and Textiles Accessories	Forbidden Amines Benzidine 3,3'-Dimethoxybenzidine 3,3'-Dimethylbenzidine P-Chloraniline O-Toluidine Toluylene 2,4 Diamine 4-Aminobiphenyl 4-Chloro-o-Toluidine 5 Methyl -o- Anisidine 4,4' Methylene dianiline O-Anisidine 2,4-Dimethyl Aniline 4methoxymphenylenediamine 4,4methylen-Bis(2chloranilin) 4,4'-Oxydianiline 2,4,5-Trimethylaniline O-Aminoazotoluene 2,6-Dimethyl Aniline 3,3'-Dichlorobenzidine 2-Naphthylamine 4,4' Methylene Di O Toluidine 4,4'-Thiodianiline 5-Nitro-O-Toluidine Aniline p-Phenylenediamine 5-Chloro-2-Methylaniline N,N-Dimethylaniline	BS EN 14362-1: 2003 BS EN 14362-2: 2003 § 64 LFGB, BVL B 82.02.2 : 2004 § 64 LFGB, BVL B 82.02.4 : 2004 § 64 LFGB, BVL B 82.02.2 : 2013 EN 14362 -1: 2012 ISO 24362-1: 2014 SO-IN-CTS-GUR-TE-48 Issue. 2, Dated. May,2015 (SOP based on GB/T 17592: 2011 IS 15570: 2005)	4 mg/kg to 2000 mg/kg
		Forbidden Amines 4-Amino Azo Benzene	§ 64 LFGB, BVL B 82.02.15 : 2013 EN 14362 -3: 2012 § 64 LFGB, BVL B 82.02-09 : 2008 ISO 24362-3: 2014	4 mg/kg to 2000 mg/kg

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Accreditation Standard	ISO/IEC 17025: 2005		
Discipline	Chemical Testing	Issue Date	06.10.2015
Certificate Number	T-0356	Valid Until	05.10.2017
Last Amended on	08.10.2015	Page	10 of 45

S.No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
	Textiles and Textiles Accessories	Forbidden Amines	SO-IN-CTS-GUR-TE-08	0.5 mg/kg to 200 mg/kg
		Orthophenyl Phenol	Issue. 4, Dated. February, 2015 [SOP based on § 64 LFGB, BVL B 82.02.8: 2001 (KOH EXTN)]	
		Organo Tin Compounds	ISO/TS 16179: 2012	0.025 mg/kg to 100 mg/kg
		Tributyltin	SO-IN-CTS-GUR-TE-33	
		Dibutyltin	Issue. 4, Dated. June, 2015	
		Monobutyl tin	(SOP based on	
		Tetrabutyl tin	BS ISO 17353: 2004	
		Triphenyl tin	DIN EN ISO 17353: 2005	
		Mono n-octyl tin	DIN 38407-13: 2001)	
		Di-n-octyl tin		
		Tri-cyclohexyl tin		
		Tri octyl tin		
		Tri-n-propyl tin		
		Di Phenyl tin		
		Methyl tin		
		Di-n-propyl tin		
		Mono Phenyl tin		
		Di Heptyl tin		
		Dimethyltin		
		Trimethyltin		

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Accreditation Standard	ISO/IEC 17025: 2005		
Discipline	Chemical Testing	Issue Date	06.10.2015
Certificate Number	T-0356	Valid Until	05.10.2017
Last Amended on	08.10.2015	Page	11 of 45

S.No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
	Textiles and Textiles Accessories	Allergenic Disperse Dyes	SO-IN-CTS-GUR-TE-16	5 mg/kg to 1500 mg/kg or 0.3 mg/l to 100 mg/l in extract
		Disperse Blue 3	Issue. 5, Dated. June,2015	
		Disperse Blue 106	[SOP based on	
		Disperse Blue 124	DIN 54231: 2005	
		Disperse Blue 35	§ 64 LFGB, BVL B 82.02.-10:	
		Disperse Blue 1	(2007-03)]	
		Disperse Blue 7		
		Disperse Blue 26		
		Disperse Blue 102	SO-IN-CTS-GUR-TE-49	
		Disperse Red 1	Issue. 2, Dated. June, 2015	
		Disperse Red 11	(SOP based on	
		Disperse Red 17	ISO/DIS 16373- 2: 2012)	
		Disperse Brown 1		
		Disperse Orange 1		
		Disperse Orange 37/76		
		Disperse Orange 3		
		Disperse Yellow 9		
		Disperse Yellow 1		
		Disperse Yellow 39		
		Disperse Yellow 49		
		Disperse Yellow 3		
		Disperse Yellow 23		
		Disperse Orange 149		
		Disperse Blue 291		
		Disperse Red 15		
		Disperse Violet 1		
		Disperse Violet 93		
		Disperse Yellow 54		
		Disperse Yellow 64		
		Acid Red-14		
	Basic Red-46			
	3-Hydroxy Naphthalamine			

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Accreditation Standard	ISO/IEC 17025: 2005		
Discipline	Chemical Testing	Issue Date	06.10.2015
Certificate Number	T-0356	Valid Until	05.10.2017
Last Amended on	08.10.2015	Page	12 of 45

S.No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
	Textiles and Textiles Accessories	Carcinogenic Dyes	SO-IN-CTS-GUR-TE-16	5 mg/kg to 1500 mg/kg or 0.3 mg/l to 100 mg/l in extract
		Disperse Blue 1	Issue. No.5, Dated.June,2015	
		Disperse Yellow 3	[SOP based on	
		Basic Violet 14	DIN 54231: 2005	
		Direct Blue 6	§ 64 LFGB, BVL B 82.02.-10:	
		Basic Red 9	(2007-03)]	
		Acid Red 26		
		Direct Red 28	SO-IN-CTS-GUR-TE-49	
		Disperse Orange 11	Issue. 2, Dated. June, 2015	
		Direct Black 38	[SOP based on	
		Crystal Violet (Violet 3)	ISO/DIS 16373- 2: 2012]	
		Direct Brown-95		
		Solvent Yellow 1	SO-IN-CTS-GUR-TE-50	
		Solvent Yellow 2	Issue. 2, Dated. June,2015	
		Solvent Yellow 3	[SOP based on	
		Basic Blue-26	ISO/DIS 16373- 3: 2012]	
		Acid Violet-49		
		Solvent Blue-4		
		4,4-Bis(dimethylamino)-4''-(methylanino)trityl alcohol		
		Phenylenediamine		
	Basic Violet-1			
	Chlorinated Organic Carrier	DIN 54232: 2007	0.1 mg/kg to 200 mg/kg	
	Monochlorobenzene			
	Dichlorobenzenes			
	Trichlorobenzenes			
	Tetrachlorobenzenes			
	Pentachlorobenzenes			
	Hexachlorobenzene			
	Chlorotoluenes			
	Dichlorotoluenes			
	Trichlorotoluenes			
	Tetrachlorotoluenes			
	Pentachlorotoluene			

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Accreditation Standard	ISO/IEC 17025: 2005		
Discipline	Chemical Testing	Issue Date	06.10.2015
Certificate Number	T-0356	Valid Until	05.10.2017
Last Amended on	08.10.2015	Page	13 of 45

S.No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
	Textiles and Textiles Accessories	Phthalates Dibutyl phthalate Benzyl Butyl phthalate Bis- 2-ethyl hexyl phthalate Di-n- octyl phthalate Diiso nonyl phthalate Diiso decyl phthalate Bis (2-methoxyethyl) Phthalate Di n pentyl phthalate Di iso pentyl phthalate n pentyl isopentyl phthalate Diisobutyl phthalate Di-n-Hexyl phthalate Dimethyl phthalate Diethyl Phthalate Di Cyclohexyl phthalate Di isoheptyl Phthalate Di Undecyl Phthalate Di –C7-11-(lineary and branched)-alkyl Phthalate(DHNUP) 1,2-Benzenedicarboxylic acid, dipentylester, branched And linear(DPP) Dihexyl Phthalate Di-(2-propylheptyl) Phthalate Dipropyl Phthalate Diphenyl Phthalate Diheptyl Phthalate Diisooctyl Phthalate Dibenzyl Phthalate Dinonyl Phthalate Didecyl Phthalate Diisohexyl Phthalate	SO-IN-CTS-GUR-TE-12A Issue. 5, Dated. June,2015 (SOP based on BS EN 15777: 2009) SO-IN-CTS-GUR-TE-12B Issue. 5, Dated. June,2015 (SOP based on EN 14372: 2004) SO-IN-CTS-GUR-TE-12C Issue. 5, Dated. June,2015 (SOP based on CPSC-CH-C1001-09.3: 2010 ISO 14389: 2014) SO-IN-CTS-GUR-TE-12D Issue. 5, Dated. June,2015 (SOP based on ASTM D 3421-75) SO-IN-CTS-GUR-TE-12E Issue. 2, Dated. May,2015 (In house Method./Analysis by GCMS) SO-IN-CTS-GUR-TE-12F Issue. 2, Dated. May, 2015 (SOP based on BS EN ISO 18856: 2005 ISO/TS 16181: 2011)	30 mg/kg to 500000 mg/kg (0.003 % to 50%)

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Accreditation Standard	ISO/IEC 17025: 2005		
Discipline	Chemical Testing	Issue Date	06.10.2015
Certificate Number	T-0356	Valid Until	05.10.2017
Last Amended on	08.10.2015	Page	14 of 45

S.No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
	Textiles and Textiles Accessories	Extractable Heavy Metals:	SO-IN-CTS-GUR-TE-40 Issue. 3, Dated. June,2015	
		Lead		0.05 mg/kg to 1000 mg/kg
		Cadmium	(SOP based on	0.05 mg/kg to 1000 mg/kg
		Chromium	ISO 105 E04: 2013	0.05 mg/kg to 1000 mg/kg
		Cobalt	DIN 54020: 1983	0.05 mg/kg to 1000 mg/kg
		Antimony	DIN EN ISO 17294-2: 2005	1 mg/kg to 1000 mg/kg
		Arsenic	ISO 11885: 2009;	0.20 mg/kg to 1000 mg/kg
		Mercury	DIN 38406-21: 1980	0.01 mg/kg to 1000 mg/kg
		Nickel	ISO17072-1: 2011	0.05 mg/kg to 1000 mg/kg
		Copper	DIN 54233-3: 2010)	1 mg/kg to 1000 mg/kg
		Barium		1 mg/kg to 1000 mg/kg
		Selenium		0.05 mg/kg to 1000 mg/kg
		Tin		0.5 mg/kg to 1000 mg/kg
	PVC		SO-IN-CTS-GUR-TE-30 Issue. 2, Dated. June,2015 (In house method Beilstein method / by FTIR Spectrophotometry)	Sample contains PVC / Sample does not contain PVC (>10 %)
	Dimethyl Formamide (DMFa)		SO-IN-CTS-GUR-TE-35 Issue. 2, June,2015 [SOP based on ISO/TS 16189: 2013]	5 mg/kg to 500 mg/kg

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Accreditation Standard	ISO/IEC 17025: 2005		
Discipline	Chemical Testing	Issue Date	06.10.2015
Certificate Number	T-0356	Valid Until	05.10.2017
Last Amended on	08.10.2015	Page	15 of 45

S.No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
	Textiles and Textiles Accessories	Dimethyl Fumarate (DMFu)	SO-IN-CTS-GUR-TE-15A Issue. 4, Dated. June,2015 (SOP based on ISO/TC 216/SC 2011)	0.1 mg/kg to 100 mg/kg
			SO-IN-CTS-GUR-TE-15B Issue. 1, Dated. April,2015 (SOP based on ISO/TS 16186: 2011)	
		TCMTB (Thio cyanato mercapto thio benzathiazole)	SO-IN-CTS-GUR-TE- 52 Issue. 1, Dated. May,2015 (SOP based on ISO 13365: 2011)	0.2 mg/kg to 2500 mg/kg
		Estimation of Blue Colorants (Navy Blue)	SO-IN-CTS-GUR-TE-45 Issue. 2, Dated. June,2015 (SOP based on DIN 54231: 2005)	5 mg/kg to 1500 mg/kg or 0.3 mg/l to 100 mg/l in extract

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Accreditation Standard	ISO/IEC 17025: 2005		
Discipline	Chemical Testing	Issue Date	06.10.2015
Certificate Number	T-0356	Valid Until	05.10.2017
Last Amended on	08.10.2015	Page	16 of 45

S.No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
	Textiles and Textiles Accessories	Polycyclic Aromatic Hydrocarbons Dibenz (a,h) anthracene Benzo (g,h,i) perylene Indeno (1,2,3-cd) pyrene Benzo (a) pyrene Benzo (k) flouranthene Benzo (b) flouranthene Chrysene Benzo (a) Anthracene Pyrene Flouranthene Anthracene Phenanthrene Flourene Acenaphthene Acenaphthylene Naphthtalene Benzo(e)Pyrene Benzo(j)Flouranthene 1-Methylnaphthalene 2-Methylnaphthalene Cyclopenta(c,d) pyrene Dibenzo(a,e) pyrene Dibenzo(a,h) pyrene Dibenzo(a,i) pyrene Dibenzo(a,l) pyrene 1-Methylpyrene	SO-IN-CTS-GUR-TE-36 Issue. 3, Dated. June,2015 (SOP based on EPA 8270: 1996 ZEK 01.4: 08 BS ISO 18287: 2006 ISO/TS 16190: 2013 AfPS GS 2014: 01PAK)	0.2 mg/kg to 1000 mg/kg

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Laboratory **SGS India Private Limited – Consumer Testing Services Laboratory – Softlines, Plot No. 250, Udyog Vihar , Phase – IV, Gurgaon, Haryana**

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Discipline **Chemical Testing** **Issue Date** **06.10.2015**

Certificate Number **T-0356** **Valid Until** **05.10.2017**

Last Amended on **08.10.2015** **Page** **17 of 45**

S.No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
	Textiles and Textiles Accessories	Perfluorooctanoic Acid (PFOA) Perfluorooctane Sulphonate (PFOS) Perfluorooctane Sulphonamide (PFOSA)	SO-IN-CTS-GUR-TE-46 Issue. 2, Dated. June,2015 (SOP based on DIN CEN/TS 15968: 2010)	0.01 mg/kg to 1000 mg/kg or 1 µg/m ² to 1000 µg/m ²
		Alkyl Phenols and its Ethoxylates Nonyl Phenol Ethoxylates(NPEO) Octyl Phenol Ethoxylates(OPEO) Nonyl Phenol(NP) Octyl Phenol(OP)	SO-IN-CTS-GUR-TE-34 Issue. 3, Dated. June,2015 (SOP based on ISO/DIS 18254: 2014 ISO/DIS 18218-1: 2012 ISO/DIS 18218-2: 2012)	1 mg/kg to 10000 mg/kg

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Discipline **Chemical Testing** **Issue Date** **06.10.2015**

Certificate Number **T-0356** **Valid Until** **05.10.2017**

Last Amended on **08.10.2015** **Page** **18 of 45**

S.No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
	Textiles and Textiles Accessories	Migration of Certain Elements	BS EN 71-3: 2013	
		Lead	ISO 8124-3: 2010	2 mg/kg to 2000 mg/kg
		Cadmium		2 mg/kg to 2000 mg/kg
		Chromium	SO-IN-CTS-GUR-TE-29	0.15 mg/kg to 2000 mg/kg
		Chromium III	Issue. 4, Dated. June,2015	1 mg/kg to 2000 mg/kg
		Chromium VI	[SOP based on	0.15 mg/kg to 2000 mg/kg
		Barium	ASTM F 963-2011	2 mg/kg to 2000 mg/kg
		Antimony	(Cl.no. 4.3.5.2)	1 mg/kg to 2000 mg/kg
		Arsenic	BS EN 71-3]	5 mg/kg to 2000 mg/kg
		Mercury		5 mg/kg to 2000 mg/kg
		Selenium		2 mg/kg to 2000 mg/kg
		Aluminum		2 mg/kg to 2000 mg/kg
		Boron		2 mg/kg to 2000 mg/kg
		Cobalt		2 mg/kg to 2000 mg/kg
		Copper		2 mg/kg to 2000 mg/kg
		Manganese		2 mg/kg to 2000 mg/kg
		Nickel		2 mg/kg to 2000 mg/kg
		Strontium		2 mg/kg to 2000 mg/kg
		Tin		0.5 mg/kg to 2000 mg/kg
		Organotin		0.5 mg/kg to 2000 mg/kg
	Zinc		2 mg/kg to 2000 mg/kg	
	Total Lead Content	SO-IN-CTS-GUR-TE-17	5 mg/kg to 100000 mg/kg	
	Total Cadmium Content	Issue. 4, Dated. June,2015 (SOP based on USEPA 3051/3052 ASTM 1613-2012/1645: 2007 CPSC-CH-E1002-08-3: 2012 AOAC 974.02 ASTM E 2594: 09)	(AAS) 2 mg/kg to 100000 mg/kg (ICP-MS)	

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Discipline **Chemical Testing** **Issue Date** **06.10.2015**

Certificate Number **T-0356** **Valid Until** **05.10.2017**

Last Amended on **08.10.2015** **Page** **19 of 45**

S.No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
	Textiles and Textiles Accessories	Lead In Surface Coating Cadmium In Surface Coating	SO-IN-CTS-GUR-TE-19 Issue. 5, Dated. June,2015 (SOP based on 16 CFR 1303 ASTM 1613: 2012/ 1645: 2007 CPSC-CH-E1003-09.1- 2011)	5 mg/kg to 100000 mg/kg
		Chromium VI	SO-IN-CTS-GUR-TE-51 Issue. 1, Dated. July,2013 (SOP based on DIN 53314: 1996 ISO 17075: 2007 ISO 105-E04: 2013)	0.5 mg/kg to 500 mg/kg

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Laboratory	SGS India Private Limited – Consumer Testing Services Laboratory – Softlines, Plot No. 250, Udyog Vihar , Phase – IV, Gurgaon, Haryana		
Accreditation Standard	ISO/IEC 17025: 2005		
Discipline	Chemical Testing	Issue Date	06.10.2015
Certificate Number	T-0356	Valid Until	05.10.2017
Last Amended on	08.10.2015	Page	20 of 45

S.No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
2.	Metal Accessories (Textiles & Garments)	Migration of Certain Elements	BS EN 71-3: 2013	
		Lead	ISO 8124-3: 2010	2 mg/kg to 2000 mg/kg
		Cadmium		2 mg/kg to 2000 mg/kg
		Chromium	SO-IN-CTS-GUR-TE-29	0.15 mg/kg to 2000 mg/kg
		Chromium III	Issue. 4, Dated. June,2015	1 mg/kg to 2000 mg/kg
		Chromium VI	[SOP based on	0.15 mg/kg to 2000 mg/kg
		Barium	ASTM F 963: 2011	2 mg/kg to 2000 mg/kg
		Antimony	Cl.no.4.3.5.2	1 mg/kg to 2000 mg/kg
		Arsenic	BS EN 71-3]	5 mg/kg to 2000 mg/kg
		Mercury		5 mg/kg to 2000 mg/kg
		Selenium		2 mg/kg to 2000 mg/kg
		Aluminum		2 mg/kg to 2000 mg/kg
		Boron		2 mg/kg to 2000 mg/kg
		Cobalt		2 mg/kg to 2000 mg/kg
		Copper		2 mg/kg to 2000 mg/kg
		Manganese		2 mg/kg to 2000 mg/kg
		Nickel		2 mg/kg to 2000 mg/kg
		Strontium		2 mg/kg to 2000 mg/kg
		Tin		0.5 mg/kg to 2000 mg/kg
		Organotin		0.5 mg/kg to 2000 mg/kg
		Zinc		2 mg/kg to 2000 mg/kg
		Release of Nickel [From Products (Metallic Parts of Garments, Leathers and Rubbers) Intended to Come Into Direct and Prolonged Contact With The Skin]	BS EN 1811: 2011 (AC: 2012) DIN EN 1811: 2012-10 EN 1811: 1999 (Amd.1: 2008)	0.1 µg/ cm ² /week to 50 µg/ cm ² /week

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Accreditation Standard	ISO/IEC 17025: 2005		
Discipline	Chemical Testing	Issue Date	06.10.2015
Certificate Number	T-0356	Valid Until	05.10.2017
Last Amended on	08.10.2015	Page	21 of 45

S.No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
	Metal Accessories (Textiles & Garments)	Release of Nickel (Simulation Of Wear and Corrosion For The Detection of Nickel Release From Coated Items)	EN 12472: 2005 (Amd.1: 2009) BS EN 12472: 2005 (Amd.1: 2009) EN 12472: 1998	0.1 µg/ cm ² /week to 50 µg/ cm ² /week
		Nickel Spot Test	FD CR 12471: 2002 PD CR 12471: 2002	Qualitative (Present/Absent)
		Total Heavy Metals:	SO-IN-CTS-GUR-TE-39 Issue. 3, Dated. June,2015	
		Arsenic	(SOP Based on	2 mg/kg to 2000 mg/kg
		Cadmium	EPA 3050 B: 1996	2 mg/kg to 2000 mg/kg
		Lead	ISO 17072-2: 2011	2 mg/kg to 2000 mg/kg
		Mercury	EN 14602/ISO 11885	1 mg/kg to 2000 mg/kg
		Antimony	DIN 38406-21: 1980	1 mg/kg to 2000 mg/kg
		Chromium	DIN ISO 11466: 1997	2 mg/kg to 2000 mg/kg
		Copper	ASTM E2594: 09)	2 mg/kg to 2000 mg/kg
		Nickel		1 mg/kg to 2000 mg/kg
		Cobalt		2 mg/kg to 2000 mg/kg
		Barium		2 mg/kg to 2000 mg/kg
		Tin		2 mg/kg to 2000 mg/kg
		Selenium		2 mg/kg to 2000 mg/kg
		Iron		2 mg/kg to 2000 mg/kg
		Aluminum		2 mg/kg to 2000 mg/kg
		Boron		2 mg/kg to 2000 mg/kg
		Manganese		2 mg/kg to 2000 mg/kg
		Strontium		2 mg/kg to 2000 mg/kg
		Zinc		2 mg/kg to 2000 mg/kg
		Beryllium		2 mg/kg to 2000 mg/kg

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

Discipline **Chemical Testing** **Issue Date** **06.10.2015**

Certificate Number **T-0356** **Valid Until** **05.10.2017**

Last Amended on **08.10.2015** **Page** **22 of 45**

S.No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
	Metal Accessories (Textiles & Garments)	Cadmium In Metal Jewelry	CPSC-CH-E1004-11: 2011	2 mg/kg to 20000 mg/kg
		Total Lead Total Cadmium Content	CPSC-CH-E1001-08.3: 2012 ASTM 1613: 2012/1645: 2007 AOAC 974.02	5 mg/kg to 100000 mg/kg (AAS) 2 mg/kg to 100000 mg/kg (ICP-MS)
		Lead In Surface Coating	16 CFR 1303 ASTM 1613: 2012/1645: 2007 CPSC-CH-E1003-09.1: 2011	5 mg/kg to 100000 mg/kg

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Accreditation Standard	ISO/IEC 17025: 2005		
Discipline	Chemical Testing	Issue Date	06.10.2015
Certificate Number	T-0356	Valid Until	05.10.2017
Last Amended on	08.10.2015	Page	23 of 45

S.No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
II. PLASTICS & RESINS				
1.	Plastics / Polymeric Compounds	Migration of Certain Elements	BS EN 71-3: 2013 ISO 8124-3: 2010	
		Lead		
		Cadmium	SO-IN-CTS-GUR-TE-29	2 mg/kg to 2000 mg/kg
		Chromium	Issue. 4, Dated. June,2015	2 mg/kg to 2000 mg/kg
		Chromium III	(SOP based on	0.15 mg/kg to 2000 mg/kg
		Chromium VI	ASTM F 963-2011 Cl.no.4.3.5.2	1 mg/kg to 2000 mg/kg
		Barium	BS EN 71-3)	0.15 mg/kg to 2000 mg/kg
		Antimony		2 mg/kg to 2000 mg/kg
		Arsenic		1 mg/kg to 2000 mg/kg
		Mercury		5 mg/kg to 2000 mg/kg
		Selenium		5 mg/kg to 2000 mg/kg
		Aluminum		2 mg/kg to 2000 mg/kg
		Boron		2 mg/kg to 2000 mg/kg
		Cobalt		2 mg/kg to 2000 mg/kg
		Copper		2 mg/kg to 2000 mg/kg
		Manganese		2 mg/kg to 2000 mg/kg
		Nickel		2 mg/kg to 2000 mg/kg
		Strontium		2 mg/kg to 2000 mg/kg
		Tin		2 mg/kg to 2000 mg/kg
		Organotin		0.5 mg/kg to 2000 mg/kg
		Zinc		0.5 mg/kg to 2000 mg/kg
				2 mg/kg to 2000 mg/kg
		Cadmium by Wet Decomposition Method	EN 1122: 2001 Analysis by ICP-MS/AAS	5 mg/kg to 10000 mg/kg (AAS) 2 mg/kg to 10000 mg/kg (ICP-MS)

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Accreditation Standard	ISO/IEC 17025: 2005		
Discipline	Chemical Testing	Issue Date	06.10.2015
Certificate Number	T-0356	Valid Until	05.10.2017
Last Amended on	08.10.2015	Page	24 of 45

S.No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
	Plastics / Polymeric Compounds	Total Heavy Metals	SO-IN-CTS-GUR-TE-38	
		Arsenic	Issue. 3, Dated. June,2015	2 mg/kg to 2000 mg/kg
		Cadmium	(SOP Based on	2 mg/kg to 2000 mg/kg
		Lead	Epa 3052/3051	2 mg/kg to 2000 mg/kg
		Mercury	EPA 3050 B: 1996	2 mg/kg to 2000 mg/kg
		Antimony	ISO 17072-2: 2011	1 mg/kg to 2000 mg/kg
		Chromium	EN 14602/ISO 11885	1 mg/kg to 2000 mg/kg
		Copper	DIN 38406-21: 1980	2 mg/kg to 2000 mg/kg
		Nickel	DIN ISO 11466: 1997)	2 mg/kg to 2000 mg/kg
		Cobalt		1 mg/kg to 2000 mg/kg
		Barium		2 mg/kg to 2000 mg/kg
		Tin		2 mg/kg to 2000 mg/kg
		Selenium		2 mg/kg to 2000 mg/kg
		Iron		2 mg/kg to 2000 mg/kg
		Aluminum		2 mg/kg to 2000 mg/kg
		Boron		2 mg/kg to 2000 mg/kg
	Manganese		2 mg/kg to 2000 mg/kg	
	Strontium		2 mg/kg to 2000 mg/kg	
	Zinc		2 mg/kg to 2000 mg/kg	
	Beryllium		2 mg/kg to 2000 mg/kg	

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Accreditation Standard	ISO/IEC 17025: 2005		
Discipline	Chemical Testing	Issue Date	06.10.2015
Certificate Number	T-0356	Valid Until	05.10.2017
Last Amended on	08.10.2015	Page	25 of 45

S.No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
	Plastics / Polymeric Compounds	Phthalates :	SO-IN-CTS-GUR-TE-12A	30 mg/kg to 500000 mg/kg
		Dibutyl phthalate	Issue. 5, Dated. June,2015	(0.003 % to 50 %)
		Benzyl Butyl phthalate	(SOP based on	
		Bis- 2-ethyl hexyl phthalate	BS EN 15777: 2009)	
		Di-n- octyl phthalate		
		Diiso nonyl phthalate	SO-IN-CTS-GUR-TE-12B	
		Diiso decyl phthalate	Issue. 5, Dated. June,2015	
		Bis (2-methoxyethyl) Phthalate	(SOP based on	
		Di n pentyl phthalate	EN 14372: 2004)	
		Di iso pentyl phthalate	SO-IN-CTS-GUR-TE-12C	
		n pentyl isopentyl phthalate	Issue. 5, Dated. June,2015	
		Diisobutyl phthalate	(SOP based on	
		Di-n-Hexyl phthalate	CPSC-CH-C1001-09.3-2010	
		Dimethyl Phthalate	ISO 14389: 2014)	
		Diethyl Phthalate		
		Di Cyclohexyl phthalate	SO-IN-CTS-GUR-TE-12D	
		Di Isoheptyl Phthalate	Issue. 5, Dated. June,2015	
		Di Undecyl Phthalate	(SOP based on	
		Di –C7-11-(lineary and branched)-alkyl Phthalate(DHNUP)	ASTM D 3421-75)	
		1,2-Benzenedicarboxylic Acid, dipentylester, branched and linear(DPP)	SO-IN-CTS-GUR-TE-12E	
		Dihexyl Phthalate	Issue. 2, Dated. May,2015	
		Di-(2-propylheptyl) Phthalate	[In house Method./Analysis by GCMS]	
		Dipropyl Phthalate	SO-IN-CTS-GUR-TE-12F	
		Diphenyl Phthalate	Issue. 2, Dated. May,2015	
		Diheptyl Phthalate	[SOP based on	
		Diisooctyl Phthalate	BS EN ISO 18856: 2005;	
		Dibenzyl Phthalate	ISO/TS 16181: 2011]	
		Dinonyl Phthalate		
		Didecyl Phthalate		
		Diisohexyl Phthalate		

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Accreditation Standard	ISO/IEC 17025: 2005		
Discipline	Chemical Testing	Issue Date	06.10.2015
Certificate Number	T-0356	Valid Until	05.10.2017
Last Amended on	08.10.2015	Page	26 of 45

S.No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
	Plastics / Polymeric Compounds	Polycyclic Aromatic Hydrocarbons: Dibenz (a,h) anthracene Benzo (g,h,i) perylene Indeno (1,2,3-cd) pyrene Benzo (a) pyrene Benzo (k) flouranthene Benzo (b) flouranthene Chrysene Benzo (a) Anthracene Pyrene Flouranthene Anthracene Phenanthrene Flourene Acenaphthene Acenaphthylene Naphthtalene Benzo(e)pyrene Benzo(j)fluoranthene 1-Methylnaphthalene 2-Methylnaphthalene Cyclopenta(c,d) pyrene Dibenzo(a,e) pyrene Dibenzo(a,h) pyrene Dibenzo(a,i) pyrene Dibenzo(a,l) pyrene 1-Methylpyrene	SO-IN-CTS-GUR-TE-36 Issue. 3, Dated. 2015 (SOP based on EPA 8270: 1996 ZEK 01.4: 08 BS ISO 18287: 2006 ISO/TS 16190: 2013 AfPS GS 2014: 01PAK)	0.2 mg/kg to 1000 mg/kg
		Perfluorooctanoic Acid (PFOA) Perfluorooctane Sulphonate (PFOS) Perfluorooctane Sulphonamide (PFOSA)	SO-IN-CTS-GUR-TE-46 Issue. 2, Dated.June, 2015 [SOP based on DIN CEN/TS 15968: 2010]	0.01 mg/kg to 1000 mg/kg or 1 µg/m ² to 1000 µg/m ²

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

Discipline **Chemical Testing** **Issue Date** **06.10.2015**

Certificate Number **T-0356** **Valid Until** **05.10.2017**

Last Amended on **08.10.2015** **Page** **27 of 45**

S.No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
	Plastics / Polymeric Compounds	Total Lead Content	SO-IN-CTS-GUR-TE-17	5 mg/kg to 100000 mg/kg (AAS)
		Total Cadmium Content	Issue. 4, Dated. June, 2015 (SOP based on USEPA 3051/3052 ASTM 1613: 2012/1645: 2007 CPSC-CH-E1002-08-3: 2012 AOAC 974.02 ASTM E2594: 09)	2 mg/kg to 100000 mg/kg (ICP-MS)
		Lead In Surface Coating	SO-IN-CTS-GUR-TE-19	5 mg/kg to 100000 mg/kg
		Cadmium In Surface Coating	Issue. 5, Dated. June, 2015 (SOP based on 16 CFR 1303/ ASTM 1613: 2012/1645: 2007 CPSC-CH-E1003-09.1: 2011)	
		Estimation of BHT	ASTM D4275: 2002	1 mg/kg to 100 mg/kg
		PVC	SO-IN-CTS-GUR-TE-30 Issue. 2, Dated. June, 2015 In house method Beilstein method / by FTIR Spectrophotometry	Sample contains PVC / Sample does not contain PVC (>10 %)

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Accreditation Standard	ISO/IEC 17025: 2005		
Discipline	Chemical Testing	Issue Date	06.10.2015
Certificate Number	T-0356	Valid Until	05.10.2017
Last Amended on	08.10.2015	Page	28 of 45

S.No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
	Plastics / Polymeric Compounds	Organo Tin Compounds Tributyltin Dibutyltin Monobutyl tin Tetrabutyl tin Triphenyl tin Mono n-octyl tin Di-n-octyl tin Tri-cyclohexyl tin Tri octyl tin Tri-n-propyl tin Di Phenyl tin Methyl tin Di-n-propyl tin Mono Phenyl tin Di Heptyl tin Dimethyltin Trimethyltin	ISO/TS 16179: 2012 SO-IN-CTS-GUR-TE-33 Issue. 4, Dated. June 2015 [SOP based on BS ISO 17353: 2004; DIN EN ISO 17353: 2005; DIN 38407-13: 2001]	0.025 mg/kg to 100 mg/kg

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Accreditation Standard	ISO/IEC 17025: 2005		
Discipline	Chemical Testing	Issue Date	06.10.2015
Certificate Number	T-0356	Valid Until	05.10.2017
Last Amended on	08.10.2015	Page	29 of 45

S.No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
III. DYE & DYE INTERMEDIATES				
1.	Dye/ Colorants	Forbidden Amines Benzidine 3,3'-Dimethoxybenzidine 3,3'-Dimethylbenzidine P-Chloraniline O-Toluidine Toluylene 2,4 Diamine 4-Aminobiphenyl 4-Chloro-o-Toluidine 5 Methyl -o- Anisidine 4,4' Methylene dianiline O-Anisidine 2,4-Dimethyl Aniline 4methoxymphenylenediamine 4,4methylen-Bis(2chloranilin) 4,4'-Oxydianiline 2,4,5-Trimethylaniline O-Aminoazotoluene 2,6-Dimethyl Aniline 3,3'-Dichlorobenzidine 2-Naphthylamine 4,4' Methylene Di O Toluidine 4,4'-Thiodianiline 5-Nitro-O-Toluidine Aniline p-Phenylenediamine 5-Chloro-2-methylaniline N,N-Dimethylaniline	§ 64 LFGB, BVL B 82.02.2: 2013 EN 14362 -1: 2012 ISO 24362-1: 2014	10 mg/kg to 2000 mg/kg
		Estimation Of 4-Amino Azo Benzene	§ 64 LFGB, BVL B 82.02.15: 2013 EN 14362 -3: 2012 ISO 24362-3: 2014	10 mg/kg to 2000 mg/kg

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

Discipline **Chemical Testing** **Issue Date** **06.10.2015**

Certificate Number **T-0356** **Valid Until** **05.10.2017**

Last Amended on **08.10.2015** **Page** **30 of 45**

S.No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
	Dye/ Colorants	Migration of Certain Elements	BS EN 71-3: 2013; ISO 8124-3: 2010;	
		Lead		2 mg/kg to 2000 mg/kg
		Cadmium	SO-IN-CTS-GUR-TE-29	2 mg/kg to 2000 mg/kg
		Chromium	Issue. 4, Dated. June,2015	0.15 mg/kg to 2000 mg/kg
		Chromium III	[SOP based on	1 mg/kg to 2000 mg/kg
		Chromium VI	ASTM F 963: 2011	0.15 mg/kg to 2000 mg/kg
		Barium	Clause 4.3.5.2	2 mg/kg to 2000 mg/kg
		Antimony	BS EN 71-3]	1 mg/kg to 2000 mg/kg
		Arsenic		5 mg/kg to 2000 mg/kg
		Mercury		5 mg/kg to 2000 mg/kg
		Selenium		2 mg/kg to 2000 mg/kg
		Aluminum		2 mg/kg to 2000 mg/kg
		Boron		2 mg/kg to 2000 mg/kg
		Cobalt		2 mg/kg to 2000 mg/kg
		Copper		2 mg/kg to 2000 mg/kg
		Manganese		2 mg/kg to 2000 mg/kg
		Nickel		2 mg/kg to 2000 mg/kg
		Strontium		2 mg/kg to 2000 mg/kg
		Tin		0.5 mg/kg to 2000 mg/kg
		Organotin		0.5 mg/kg to 2000 mg/kg
		Zinc		2 mg/kg to 2000 mg/kg

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Accreditation Standard	ISO/IEC 17025: 2005		
Discipline	Chemical Testing	Issue Date	06.10.2015
Certificate Number	T-0356	Valid Until	05.10.2017
Last Amended on	08.10.2015	Page	31 of 45

S.No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
	Dye/ Colorants	Phthalates	SO-IN-CTS-GUR-TE-12A	30 mg/kg to 500000 mg/kg
		Dibutyl phthalate	Issue. 5, Dated.June, 2015	(0.003 % to 50 %)
		Benzyl Butyl phthalate	[SOP based on	
		Bis- 2-ethyl hexyl phthalate	BS EN 15777: 2009]	
		Di-n- octyl phthalate		
		Diiso nonyl phthalate	SO-IN-CTS-GUR-TE-12B	
		Diiso decyl Phthalate	Issue. 5, Dated. June,2015	
		Bis (2-methoxyethyl) Phthalate	[SOP based on	
		Di n pentyl phthalate	EN 14372: 2004]	
		Di iso pentyl phthalate	SO-IN-CTS-GUR-TE-12C	
		n pentyl isopentyl phthalate	Issue. 5, Dated. June, 2015	
		Diisobutyl phthalate	[SOP based on	
		Di-n-Hexyl phthalate	CPSC-CH-C1001-09.3: 2010	
		Dimethyl Phthalate	ISO 14389: 2014]	
		Diethyl Phthalate		
		Di Cyclohexyl phthalate	SO-IN-CTS-GUR-TE-12D	
		Di Isoheptyl Phthalate	Issue. 5, Dated. June,2015	
		Di Undecyl Phthalate	[SOP based on	
		Di –C7-11-(lineary and branched)-alkyl Phthalate(DHNUP)	ASTM D 3421-75]	
		1,2-Benzenedicarboxylic acid, dipentylester, branched and linear(DPP)	SO-IN-CTS-GUR-TE-12E	
		Dihexyl Phthalate	Issue. 2, Dated. May,2015	
		Di-(2-propylheptyl) Phthalate	[In house Method./Analysis by GCMS]	
		Dipropyl Phthalate	SO-IN-CTS-GUR-TE-12F	
		Diphenyl Phthalate	Issue. 2, Dated. May,2015	
		Diheptyl Phthalate	[SOP based on	
		Diisooctyl Phthalate	BS EN ISO 18856: 2005	
		Dibenzyl Phthalate	ISO/TS 16181: 2011]	
		Dinonyl Phthalate		
		Didecyl Phthalate		
		Diisohexyl Phthalate		

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Accreditation Standard	ISO/IEC 17025: 2005		
Discipline	Chemical Testing	Issue Date	06.10.2015
Certificate Number	T-0356	Valid Until	05.10.2017
Last Amended on	08.10.2015	Page	32 of 45

S.No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
	Dye/ Colorants	Total Lead Content Total Cadmium Content	SO-IN-CTS-GUR-TE-17 Issue. 4, Dated. June 2015 (SOP based on USEPA 3051/3052 ASTM 1613: 2012/1645: 2007 CPSC-CH-E1002-08-3: 2012 AOAC 974.02 ASTM E2594: 09)	5 mg/kg to 100000 mg/kg (AAS) 2 mg/kg to 100000 mg/kg (ICP-MS)
IV. LEATHER				
1.	Leather & Leather Accessories	Colorfastness to Light	SLF 402: 1996 ISO 105 B02: 2014	Qualitative (Grade 1 to 5) (Visual)
		Colorfastness to Dry Cleaning	IUF 434: 2009 ISO 11643: 2009 SLF 434: 1997	Qualitative (Grade 1 to 5) (Visual)
		Colorfastness to Rubbing (Crockmeter)	AATCC 8: 2013 ASTM D 5053: 2009 SATRA TM 167: 1992 ISO 20433: 2012	Qualitative (Grade 1 to 5) (Visual)
		Colorfastness to Rubbing (Veslic)	IUF 450: 2012 ISO 11640: 2012 SLF 450: 1996 BS 1006 UK LG: 1990 ISO 17700 Method. (A): 2004 SATRA TM 173: 1995	Qualitative (Grade 1 to 5) (Visual)

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Laboratory **SGS India Private Limited – Consumer Testing Services Laboratory – Softlines, Plot No. 250, Udyog Vihar , Phase – IV, Gurgaon, Haryana**

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Discipline **Chemical Testing** **Issue Date** **06.10.2015**

Certificate Number **T-0356** **Valid Until** **05.10.2017**

Last Amended on **08.10.2015** **Page** **33 of 45**

S.No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
	Leather & Leather Accessories	Colorfastness to Perspiration	ISO 11641: 2012 IUF 426: 2012 SLF 426: 1996 BS EN ISO 11641: 2012 EN ISO 11641: 2012 SATRA TM 335: 1994	Qualitative (Grade 1 to 5) (Visual)
		Colorfastness to Water	ISO 11642: 2012 IUF 421: 2012 SLF 421: 1996 BS EN ISO 11642: 2012 EN ISO 11642: 2014 SATRA TM 335: 1994	Qualitative (Grade 1 to 5) (Visual)
		Colorfastness to Mild Washing	ISO 15703: 1998	Qualitative (Grade 1 to 5) (Visual)
		Colorfastness to Machine Washing	ISO 15702: 1998 IUF 435: 1996 SLF 435: 1996	Qualitative (Grade 1 to 5) (Visual)
		Colorfastness to Water Spotting	ISO 15700: 1998 IUF 420: 1998 SLF 420: 1996 BS EN ISO 15700: 2011 EN ISO 15700: 2011 SATRA TM 185: 1995	Qualitative (Grade 1 to 5) (Visual)
		Color Fastness to PVC Migration	ISO 15701: 1998 IUF 442: 1998 SLF 442: 1997 BS EN ISO 15701: 1999 EN ISO 15701: 1999	Qualitative (Grade 1 to 5) (Visual)

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Discipline **Chemical Testing** **Issue Date** **06.10.2015**

Certificate Number **T-0356** **Valid Until** **05.10.2017**

Last Amended on **08.10.2015** **Page** **34 of 45**

S.No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
	Leather & Leather Accessories	Color Fastness to Circular Rubbing	BS 1006 UKLC: 1990 ISO 17700 Method. (B): 2004 SLF 5 (BS 1006 UK-LC) SATRA TM 8: 2004	Qualitative (Grade 1 to 5) (Visual)
		Estimation of Chromium VI	DIN 53314: 1996 ISO 17075: 2007 IULTCS/IUC 18: 2007 DIN EN ISO 17075: 2008-02 BS EN 420: 2003+ (Amd.1: 2009) (Sub Clause Reference 4.3.3) CEN/TS 14495: 2003 § 64 LFGB, BVL B 82.02.11: 2008	0.5 mg/kg to 500 mg/kg
		Chromium VI After Aging	SO-IN-CTS-GUR-TE-10 Issue.no.7,Dated May,2015 (SOP based on ISO 11083: 1994)	
			SO-IN-CTS-GUR-TE-11 Issue. 6, Dated May,2015 [In-house Method.-Accelerated ageing procedure]	

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Accreditation Standard	ISO/IEC 17025: 2005		
Discipline	Chemical Testing	Issue Date	06.10.2015
Certificate Number	T-0356	Valid Until	05.10.2017
Last Amended on	08.10.2015	Page	35 of 45

S.No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
	Leather & Leather Accessories	pH Value of Aqueous Extract	ISO 4045: 2008 IULTCS/IUC 11: 2008 BS EN ISO 4045: 2008 DIN EN ISO 4045: 2008-05 ISO: 20344: 2011 (Sub Clause Reference 6.9) BS EN 420: 2003 (Amd.1: 2009) (Sub Clause Reference 4.3.2) BS 1309: 1974 IS 582(LC 18) 1970 ASTM D 2810: 01	2 to 12
		Formaldehyde Content	ISO 17226-1: 2008 IULTCS/ IUC 19-1: 2008; DIN 53315; ISO 17226-2: 2008/ cor.1: 2009; IULTCS/ IUC 19-2: 2008 / cor.1: 2009	10 mg/kg to 2000 mg/kg
		Release Formaldehyde Content	SO-IN-CTS-GUR-TE-26A Issue. 4 Dated, June,2015 (SOP based on § 64 LFGB, BVL B 82.02.1: 1985) ISO 17226-3: 2011 IULTCS/IUC 19-3: 2011	

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Accreditation Standard	ISO/IEC 17025: 2005		
Discipline	Chemical Testing	Issue Date	06.10.2015
Certificate Number	T-0356	Valid Until	05.10.2017
Last Amended on	08.10.2015	Page	36 of 45

S.No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
	Leather& Leather Accessories	Pentachlorophenol(PCP) 2,3,4,6-Tetrachlorophenol 2,3,4,5-Tetrachlorophenol 2,3,5,6-Tetrachlorophenol 2,4,6-Trichlorophenol 2,3,4-Trichlorophenol 2,3,5-Trichlorophenol 2,3,6-Trichlorophenol 2,4,5-Trichlorophenol 3,4,5-Trichlorophenol	ISO 17070: 2015 CEN/TS 14494: 2003 § 64 LFGB, BVL B 82.02.8: 2001 SO-IN-CTS-GUR-TE-07A Issue. 4, Dated February,2015 (SOP based on § 64 LFGB, BVL B 82.02.8 : 2001 IS 15651: 2006) SO-IN-CTS-GUR-TE-07B Issue. 2, Dated June,2015 (SOP based on XP G08 015: 2000 DIN 53313: 1993) SO-IN-CTS-GUR-TE-08 Issue. 4, Dated February,2015 [SOP based on § 64 LFGB, BVL B 82.02.8: 2001 (KOH EXTN)]	0.05 mg/kg to 200 mg/kg

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Accreditation Standard	ISO/IEC 17025: 2005		
Discipline	Chemical Testing	Issue Date	06.10.2015
Certificate Number	T-0356	Valid Until	05.10.2017
Last Amended on	08.10.2015	Page	37 of 45

S.No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
	Leather & Leather Accessories	Forbidden Amines : Benzidine 3,3'-Dimethoxybenzidine 3,3'-Dimethylbenzidine P-Chloraniline O-Toluidine Toluylene 2,4 Diamine 4-Aminobiphenyl 4-Chloro-o-Toluidine 5 Methyl -o- Anisidine 4,4' Methylene dianiline O-Anisidine 2,4-Dimethyl Aniline 4methoxymphenylenediamine 4,4methylen-Bis(2chloranilin) 4,4'-Oxydianiline 2,4,5-Trimethylaniline O-Aminoazotoluene 2,6-Dimethyl Aniline 3,3'-Dichlorobenzidine 2-Naphthylamine 4,4' Methylene Di O Toluidine 4,4'-Thiodianiline 5-Nitro-O-Toluidine Aniline p-Phenylenediamine 5-Chloro-2-Methylaniline N,N-Dimethylaniline	§ 64 LFGB BVL B 82.02.3(V): 2004 ISO 17234-1: 2015 GB/T 19942: 2005	4 mg/kg to 2000 mg/kg
		4-Amino Azo Benzene	ISO 17234-2: 2011 § 64 LFGB, BVL B 82.02-15: 2013	4 mg/kg to 2000 mg/kg

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Accreditation Standard	ISO/IEC 17025: 2005		
Discipline	Chemical Testing	Issue Date	06.10.2015
Certificate Number	T-0356	Valid Until	05.10.2017
Last Amended on	08.10.2015	Page	38 of 45

S.No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
	Leather & Leather Accessories	Orthophenyl Phenol	SO-IN-CTS-GUR-TE-08 Issue. 4, Dated February,2015 [SOP based on § 64 LFGB BVL B 82.02.8: 2001 (KOH EXTN)] ISO 17070: 2015; CEN/TS 14494: 2003; DIN 53313: 1993; ISO 13365: 2011	0.5 mg/kg to 200 mg/kg
		Organo Tin Compounds Tributyltin Dibutyltin Monobutyl tin Tetrabutyl tin Triphenyl tin Mono n-octyl tin Di-n-octyl tin Tri-cyclohexyl tin Tri octyl tin Tri-n-propyl tin Di Phenyl tin Methyl tin Di-n-propyl tin Mono Phenyl tin Di Heptyl tin Dimethyltin Trimethyltin	ISO/TS 16179: 2012 SO-IN-CTS-GUR-TE-33 Issue. 4, Dated June,2015 [SOP based on BS ISO 17353: 2004; DIN EN ISO 17353: 2005; DIN 38407-13: 2001]	0.025 mg/kg to 100 mg/kg

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Accreditation Standard	ISO/IEC 17025: 2005		
Discipline	Chemical Testing	Issue Date	06.10.2015
Certificate Number	T-0356	Valid Until	05.10.2017
Last Amended on	08.10.2015	Page	39 of 45

S.No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
	Leather & Leather Accessories	Allergenic	SO-IN-CTS-GUR-TE-16	5 mg/kg to 1500 mg/kg
		Disperse Dyes	Issue. 5, Dated June,2015	or
		Disperse Blue 3	[SOP based on	0.3 mg/l to 100 mg/l
		Disperse Blue 106	DIN 54231: 2005;	in extract
		Disperse Blue 124	§ 64 LFGB,	
		Disperse Blue 35	BVL B 82.02-10: 2007-03]	
		Disperse Blue 1		
		Disperse Blue 7	SO-IN-CTS-GUR-TE-49	
		Disperse Blue 26	Issue. 2, Dated June,2015	
		Disperse Blue 102	(SOP based on	
		Disperse Red 1	ISO/DIS 16373- 2: 2012)	
		Disperse Red 11		
		Disperse Red 17		
		Disperse Brown 1		
		Disperse Orange 1		
		Disperse Orange 37/76		
		Disperse Orange 3		
		Disperse Yellow 9		
		Disperse Yellow 1		
		Disperse Yellow 39		
		Disperse Yellow 49		
		Disperse Yellow 3		
		Disperse Yellow 23		
		Disperse Orange 149		
		Disperse Blue 291		
		Disperse Red 15		
		Disperse Violet 1		
		Disperse Violet 93		
		Disperse Yellow 54		
		Disperse Yellow 64		
		Acid Red-14		
		Basic Red-46		
		3-Hydroxy Naphthalamine		

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Accreditation Standard	ISO/IEC 17025: 2005		
Discipline	Chemical Testing	Issue Date	06.10.2015
Certificate Number	T-0356	Valid Until	05.10.2017
Last Amended on	08.10.2015	Page	40 of 45

S.No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
	Leather & Leather Accessories	Carcinogenic Dyes: Disperse Blue 1 Disperse Yellow 3 Basic Violet 14 Direct Blue 6 Basic Red 9 Acid Red 26 Direct Red 28 Disperse Orange 11 Direct Black 38 Crystal Violet (Violet 3) Direct Brown-95 Solvent Yellow 1 Solvent Yellow 2 Solvent Yellow 3 Basic Blue-26 Acid Violet-49 Solvent Blue-4 4,4-Bis(dimethylamino)-4''-(methylanino)trityl alcohol Phenylenediamine Basic Violet-1	SO-IN-CTS-GUR-TE-16 Issue. 5, Dated June,2015 (SOP based on DIN 54231: 2005; § 64 LFGB, BVL B 82.02.-10: 2007-03) SO-IN-CTS-GUR-TE-49 Issue. 2, Dated June,2015 (SOP based on ISO/DIS 16373- 2: 2012) SO-IN-CTS-GUR-TE-50 Issue. 2, Dated June,2015 (SOP based on ISO/DIS 16373- 3: 2012)	5 mg/kg to 1500 mg/kg or 0.3 mg/l to 100 mg/l in extract

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Accreditation Standard	ISO/IEC 17025: 2005		
Discipline	Chemical Testing	Issue Date	06.10.2015
Certificate Number	T-0356	Valid Until	05.10.2017
Last Amended on	08.10.2015	Page	41 of 45

S.No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
	Leather & Leather Accessories	Phthalates Dibutyl phthalate Benzyl Butyl phthalate Bis- 2-ethyl hexyl phthalate Di-n- octyl phthalate Diiso nonyl phthalate Diiso decyl phthalate Bis (2-methoxyethyl) Phthalate Di n pentyl phthalate Di iso pentyl phthalate n pentyl isopentyl phthalate Diisobutyl phthalate Di-n-Hexyl phthalate Dimethyl Phthalate Diethyl Phthalate Di Cyclohexyl phthalate Di Isoheptyl Phthalate Di Undecyl Phthalate Di –C7-11-(lineary and branched)-alkyl Phthalate(DHNUP) 1,2-Benzenedicarboxylic Acid, dipentylester, branched And linear(DPP) Dihexyl Phthalate Di-(2-propylheptyl) Phthalate Dipropyl Phthalate Diphenyl Phthalate Diheptyl Phthalate Diisooctyl Phthalate Dibenzyl Phthalate Dinonyl Phthalate Didecyl Phthalate Diisohexyl Phthalate	SO-IN-CTS-GUR-TE-12A Issue. 5, Dated June,2015 (SOP based on BS EN 15777: 2009) SO-IN-CTS-GUR-TE-12B Issue. 5, Dated June,2015 (SOP based on EN 14372: 2004) SO-IN-CTS-GUR-TE-12C Issue. 5, Dated June,2015 (SOP based on CPSC-CH-C1001-09.3: 2010; ISO 14389: 2014) SO-IN-CTS-GUR-TE-12D Issue. 5, Dated June,2015 [SOP based on ASTM D 3421-75] SO-IN-CTS-GUR-TE-12E Issue. 2, Dated May,2015 [In house Method./Analysis by GCMS] SO-IN-CTS-GUR-TE-12F Issue. 2, Dated May,2015 (SOP based on BS EN ISO 18856-2005 ISO/TS 16181-2011)	30 mg/kg to 500000 mg/kg (0.003 % to 50 %)

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Accreditation Standard	ISO/IEC 17025: 2005		
Discipline	Chemical Testing	Issue Date	06.10.2015
Certificate Number	T-0356	Valid Until	05.10.2017
Last Amended on	08.10.2015	Page	42 of 45

S.No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
	Leather & Leather Accessories	Extractable Heavy Metals:	SO-IN-CTS-GUR-TE-40	
		Lead	Issue. 3, Dated June,2015	0.05 mg/kg to 1000 mg/kg
		Cadmium	(SOP based on	0.05 mg/kg to 1000 mg/kg
		Chromium	ISO 105 E04: 2013	0.05 mg/kg to 1000 mg/kg
		Cobalt	DIN 54020: 1983	0.05 mg/kg to 1000 mg/kg
		Antimony	DIN EN ISO 17294-2: 2005	1 mg/kg to 1000 mg/kg
		Arsenic	ISO 11885: 2009	0.20 mg/kg to 1000 mg/kg
		Mercury	DIN 38406-2: 1980	0.01 mg/kg to 1000 mg/kg
		Nickel	ISO17072-1: 2011	0.05 mg/kg to 1000 mg/kg
		Copper	DIN 54233-3: 2010)	1 mg/kg to 1000 mg/kg
		Barium		1 mg/kg to 1000 mg/kg
		Selenium		0.05 mg/kg to 1000 mg/kg
		Tin		0.5 mg/kg to 1000 mg/kg
		Dimethyl Formamide (DMFa)	SO-IN-CTS-GUR-TE-35 Issue. 2, Dated June,2015 (SOP based on ISO/TS 16189: 2013)	5 mg/kg to 500 mg/kg
	Dimethyl Fumarate (DMFu)	SO-IN-CTS-GUR-TE-15A Issue. 4, Dated June,2015 (SOP based on ISO/TC 216/SC: 2011)	0.1 mg/kg to 100 mg/kg	
		SO-IN-CTS-GUR-TE-15B Issue. 1, Dated April,2015 (SOP based on ISO/TS 16186: 2011)		
	TCMTB (Thio Cyanato Mercapto Thio Benzathiazole)	SO-IN-CTS-GUR-TE- 52 Issue. 1, Dated May,2015 [SOP based on ISO 13365-2011]	0.2 mg/kg to 2500 mg/kg	

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Accreditation Standard	ISO/IEC 17025: 2005		
Discipline	Chemical Testing	Issue Date	06.10.2015
Certificate Number	T-0356	Valid Until	05.10.2017
Last Amended on	08.10.2015	Page	43 of 45

S.No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
	Leather & Leather Accessories	Blue Colorants (Navy Blue)	SO-IN-CTS-GUR-TE-45 Issue. 2, Dated June,2015 (SOP based on DIN 54231 : 2005)	5 mg/kg to 1500 mg/kg or 0.3 mg/l to 100 mg/l in extract
		Polycyclic Aromatic Hydrocarbons Dibenz (a,h) anthracene Benzo (g,h,i) perylene Indeno (1,2,3-cd) pyrene Benzo (a) pyrene Benzo (k) flouranthene Benzo (b) flouranthene Chrysene Benzo (a) Anthracene Pyrene Flouranthene Anthracene Phenanthrene Flourene Acenaphthene Acenaphthylene Naphthtalene Benzo(e)pyrene Benzo(j)fluoranthene 1-Methylnaphthalene 2-Methylnaphthalene Cyclopenta(c,d) pyrene Dibenzo(a,e) pyrene Dibenzo(a,h) pyrene Dibenzo(a,i) pyrene Dibenzo(a,l) pyrene 1-Methylpyrene	SO-IN-CTS-GUR-TE-36 Issue. 3, June,2015 (SOP based on EPA 8270: 1996 ZEK 01.4: 08 BS ISO 18287: 2006 ISO/TS 16190: 2013 AfPS GS 2014: 01PAK)	0.2 mg/kg to 1000 mg/kg

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Accreditation Standard	ISO/IEC 17025: 2005		
Discipline	Chemical Testing	Issue Date	06.10.2015
Certificate Number	T-0356	Valid Until	05.10.2017
Last Amended on	08.10.2015	Page	44 of 45

S.No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
	Leather & Leather Accessories	Perfluorooctanoic Acid (PFOA)	SO-IN-CTS-GUR-TE-46	0.01 mg/kg to 1000 mg/kg or 1 µg/m ² to 1000 µg/m ²
		Perfluorooctane Sulphonate (PFOS)	Issue. 2, Dated June,2015 (SOP based on DIN CEN/TS 15968: 2010)	
		Perfluorooctane Sulphonamide (PFOSA)		
		Alkyl Phenols and Its Ethoxylates	SO-IN-CTS-GUR-TE-34	1 mg/kg to 10000 mg/kg
		Nonyl Phenol	Issue. 3, Dated June,2015 (SOP based on	
		Ethoxylates(NPEO)	ISO/DIS 18254: 2014	
		Octyl Phenol Ethoxylates(OPEO)	ISO/DIS 18218-1: 2012	
		Nonyl Phenol(NP)	ISO/DIS 18218-2: 2012)	
		Octyl Phenol(OP)		
		Migration of Certain elements		
		Lead		2 mg/kg to 2000 mg/kg
		Cadmium		2 mg/kg to 2000 mg/kg
		Chromium		0.15 mg/kg to 2000 mg/kg
		Chromium III		1 mg/kg to 2000 mg/kg
		Chromium VI		0.15 mg/kg to 2000 mg/kg
		Barium		2 mg/kg to 2000 mg/kg
		Antimony		1 mg/kg to 2000 mg/kg
		Arsenic		5 mg/kg to 2000 mg/kg
		Mercury		5 mg/kg to 2000 mg/kg
		Selenium		2 mg/kg to 2000 mg/kg
		Aluminum		2 mg/kg to 2000 mg/kg
		Boron		2 mg/kg to 2000 mg/kg
		Cobalt		2 mg/kg to 2000 mg/kg
		Copper		2 mg/kg to 2000 mg/kg
		Manganese		2 mg/kg to 2000 mg/kg
		Nickel		2 mg/kg to 2000 mg/kg
		Strontium		2 mg/kg to 2000 mg/kg
		Tin		0.5 mg/kg to 2000 mg/kg
		Organotin		0.5 mg/kg to 2000 mg/kg
		Zinc		2 mg/kg to 2000 mg/kg

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