Laboratory	**ITS Labtest Bangladesh Ltd., Phoenix Tower, 2nd and 3rd Floor, 407, Tejgaon Industrial Area, Dhaka, Bangladesh**		
Accreditation Standard	**ISO/IEC 17025: 2005**		
Discipline	**Chemical Testing**	**Issue Date**	**20.02.2015**
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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, Garment & Accessories**	Colour Fastness to Washing	BS EN ISO 105 C06: 2010 ISO 105 C06: 2010 ISO 105 C08: 2010 BS EN ISO 105 C10: 2007 ISO 105 C10: 2006 DIN EN ISO 105 C06: 2010 BS 1006 C01-C05: 1990 BS 1006 C06: 1990 AATCC 61: 2013 AS 2001.4.15: 2006 CAN/CGSB-4.2 No 19.1: 2004 JIS L 0844: 2011	Grade 1 to 5 (Qualitative)
		Colour Fastness to Rubbing/ Crocking	BS EN ISO 105 X12: 2002 ISO 105 X 12: 2001 DIN EN ISO 105 X12: 2002 BS 1006 X 12: 1990 AATCC 8: 2013 AS 2001.4 .3: 1995 CAN/CGSB-4.2 No 22: 2004 GB/T 3920: 2008	Grade 1 to 5 (Qualitative)
		Colour Fastness to Dry Cleaning	BS EN ISO 105 D01: 2010 ISO 105 D01: 2010 DIN EN ISO 105 D01: 2010 BS 1006 D01: 1990 AATCC 132: 2013 AS 2001.4.16: 1981 CAN/CGSB-4.2 No 29.1 M-89 (1997) JIS L 0860: 2008	Grade 1 to 5 (Qualitative)

S. No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
	Textile, Garment & Accessories	Colour Fastness to Light	BS EN ISO 105 B02: 2013 ISO 105 B02: 2013 DIN EN ISO 105 B02: 2002 BS 1006 B02: 1990 AATCC 16, Option 3: 2012 CAN/CGSB-4.2 M 18.3: 1997 AS 2001.4.B02: 2001	Rating 1 to 8 Rating 1 to 8 Rating 1 to 8 Rating 1 to 5 (Qualitative)
		Colour Fastness to Water	BS EN ISO 105 E01: 2013 ISO 105 E01: 2013 DIN EN ISO 105 E01: 2013 BS 1006 E01: 1990 AATCC 107: 2013 AS 2001.4 E 01: 2001 CAN/CGSB- 4.2 No 20- M-89: 2004 JIS L 0846: 2004 GB/T 5713: 1997	Grade 1 to 5 (Qualitative)
		Colour Fastness to Chlorinated water	BS EN ISO 105 E03: 2010 ISO 105 E03: 2010 BS 1006 E03: 1990 AATCC 162: 2011 AS 2001.4.5: 1998 CAN/CGSB-4.2 No 52.2 M-89 (1998) JIS L 0884: 1996	Grade 1 to 5 (Qualitative)
		Colour Fastness to Sea Water	BS EN ISO 105 E02: 2013 ISO 105 E02:1994/COR1: 2013 DIN EN ISO 105 E02: 2013 BS 1006 E02: 1990 AATCC 106: 2013 AS 2001.4 E 02: 2001 CAN/CGSB: 4.2 No 21- M-90: 2004 JIS L 0847: 2004	Grade 1 to 5 (Qualitative)

S. No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
	Textile, Garment & Accessories	Colour Fastness to Organic Solvent	BS EN ISO 105 X05: 1997 ISO 105 X05: 1994 BS 1006 X05: 1990	Grade 1 to 5 (Qualitative)
		Colour Fastness to Saliva	DIN 53160: 2010 Section 35 LMBG 82.10: 1985 GB/T 18886: 2002	Qualitative
		Colour Fastness to Burnt Gas Fumes	BS EN ISO 105 G02: 1997 AATCC 23: 2010	Grade 1 to 5 (Qualitative)
		Colour Fastness to Dye Transfer in Storage	AATCC 163: 2013	Grade 1 to 5 (Qualitative)
		Colour Fastness to Acid Spotting	BS EN ISO 105 E05: 2010 ISO 105 E05: 2010 DIN EN ISO 105 E05: 2010 BS 1006 E05: 1990 AATCC 6: 2011	Grade 1 to 5 (Qualitative)
		Colour Fastness to Alkaline Spotting	BS EN ISO 105 E06: 2006 ISO 105 E06: 2006 DIN EN ISO 105 E06: 1997 BS 1006 E06: 1990 AATCC 6: 2011	Grade 1 to 5 (Qualitative)
		Colour Fastness to Water Spotting	BS EN ISO 105 E07: 2010 ISO 105 E07: 2010 DIN EN ISO 105 E07: 2010 BS 1006 E07: 1990 AATCC 104: 2010 JIS L 0853: 2010	Grade 1 to 5 (Qualitative)

S. No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
	Textile, Garment & Accessories	Colour Fastness to Hot Pressing	BS EN ISO 105 X11: 1996 ISO 105 X11: 1994 DIN EN ISO 105 X11: 1996 BS 1006 X11: 1990 AATCC 133: 2013 CAN/CGSB-4.2 No 31: 2004	Grade 1 to 5 (Qualitative)
		Colour Fastness to Ozone	AATCC 109: 2011 BS EN ISO 105 G03: 1997	Grade 1 to 5 (Qualitative)
		Children Sleepwear Flammability/ Vertical Flammability	16 CFR Part 1615/1616: 2010 BS EN ISO 6941: 2003 ISO 6941: 2003 EN 14878: 2007 / Cor.1: 2009 EN 1103: 2005 BS 5651: 1989 (2008) BS 5438:1989 (2008) BS 5722: 1991 (2008) AS/NZS 1249: 2003	(0 to 25) cm (0 to 10) inch (0 to 300) s
2.	**Textile & Garment**	Colour Fastness to Perspiration	BS EN ISO 105 E04: 2013 ISO 11641: 2012 ISO 105 E04: 2013 DIN EN ISO 105 E04: 2013 BS 1006 E04: 1990 AATCC 15: 2013 AS 2001.4.17: 1980 AS 2001.4 E 04: 2005 CAN/CGSB-4.2 No 23- M-90: 2004 JIS L 0848 : 2004 GB/T 3922: 1995	Grade 1 to 5 (Qualitative)
		Colour Fastness To Phenolic Yellowing of Materials	ISO 105 X18: 2007	Grade 1 to 5 (Qualitative)

S. No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
	Textile & Garment	Colour Fastness to Chlorine Bleach	BS EN 20105 N01: 1995 ISO 105 N01: 1993 BS 1006 N01: 1990 AATCC 188: 2010	Grade 1 to 5 (Qualitative)
		Colour Fastness to Non Chlorine Bleach	ISO 105 C09: 2001 Cor 1: 2002/Amd 1: 2003 AATCC 172: 2010	Grade 1 to 5 (Qualitative)
		Oil Repellency: Hydrocarbon Resistance Test	AATCC 118: 2013	Grade 1 to 8 (Qualitative)
		Absorbency of Bleached Textiles	AATCC 79: 2010	(0 to 60+) s
		Color Fastness to Perspiration & Light	BS EN ISO 105 B07: 2009 AATCC 125: 2013	Grade 1 to 5 (Qualitative)
		Fiber Composition (composition in weight %)	ISO 1833: 2006 ISO 1833-2: 2006 ISO 1833 (Part 1 to 5, 7 to 14, 16 to 18): 2006 ISO 5088: 1976 BS 4407: 1988 AATCC 20 A: 2013 AS 2001.7: 1983 CAN/CGSB-4.2 No 14: 2005	(0.5 to 100) %
		Fiber Identification	AATCC 20: 2013	Qualitative
		pH Value	BS EN 1413: 1998 BS EN ISO 3071: 2006 EN ISO 3071: 2006 ISO 3071: 2005 AATCC 81: 2012 GB/T 7573: 2009	1 to 13

S. No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
	Textile & Garment	Flammability of General clothing textiles	CPSC 16 CFR Part 1610: 2008 ASTM D 1230: 2010 CAN/CGSB-4.2 27.5: 2008	(0 to 99) s
		Determination of free, released and total Formaldehyde content	BS EN ISO 14184-I: 2011 BS EN ISO 14184-II: 2011 AATCC 112: 2008 JIS L 1041: 2011 GB/T 2912.1: 2009	(5 to 5000) mg/kg
3.	**Textile Fabric, Garment**	Banned aryl amines from Azo dyes [o-Toluidine (95-53-4); 2-Methoxyaniline (90-04-0); p-Chloroaniline (106-47-8); p-Kresidine (120-71-8); 2,4,5-Trimethylaniline(137-17-7); 4-Chloro-o-Toluidine (95-69-2); 2,4-Toluylenediamine (95-80-7); 2,4-Diaminoanisol (615-05-4); 2-Napthylamine (91-59-8); 2-Amino-4-Nitrotoluene (99-55-8); 4-Aminodiphenyle (92-67-1); 4,4'-Oxydianiline (101-80-4); Benzidine (92-87-5); 4,4'-Diaminodiphenylmethane (101-77-9); o-Aminoazotoluene (97-56-3); 3,3'-Dimethyl-4,4'-Diaminodiphenylmethane (838-88-0); 3,3'-Dimethylbenzidine (119-93-7); 4,4'-Thiodianiline (139-65-1); 3,3'-Dichlorobenzidine (91-94-1); 4,4'-Methylene-bis-(2-Chloroaniline) (101-14-4);	EN 14362 (Part 1): 2012 EN 14362 (Part 3): 2012 35 LMBG B 82.02.2: 2004 35 LMBG B 82.02.4: 2004 64 LFGB B 82.02.9: 2006	(5 to 1000) mg/kg LOD: 1 mg/kg

S. No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
	Textile Fabric, Garment	3,3'-Dimethoxybenzidine (119-90-4); 2,4-Xylidine (95-68-1); 2,6-Xylidine (87-62-7); P-Aminoazobenzene (60-09-3)]	EN 14362 (Part 1): 2012 EN 14362 (Part 3): 2012 35 LMBG B 82.02.2: 2004 35 LMBG B 82.02.4: 2004 64 LFGB B 82.02.9: 2006	(5 to 1000) mg/kg LOD: 1 mg/kg
4.	**Textile & Accessories including Print on Textile or Leather Items and Polymeric Products (Eg: Plastic)**	Phthalates Content [DBP; BBP; DEHP; DNOP; DINP; DIDP; DIBP; DPENP; DHEXP; DCHP; DHNUP; DMP; DEP]	CPSC-CH-C1001-09.3: 2010 In House Method: SOP No.: HC 192.TP-V 3–08 (based on EN 14372: 2004) In House Method: SOP No.: C015.TP-12 (based on CPSC-CH-C1001-09.03)	(10 to 50000) mg/kg
		Total Lead Content in surface coating /paint	ASTM E 1645: 01 ASTM E 1613: 04 (ICP-OES) CPSC-CH-E1003-09.1: 2011	(5 to 5000) mg/kg
		Determination of Organotin compounds Tributyltin (TBT) Dibutyltin (DBT)	In House Method: SOP No.: AN-TP-0027-V 2-10 (based on ISO 17353: 2004 & DIN 38407-13: 2001)	(0.05 to 500) mg/kg
5.	**Textile Product & Accessories Containing Non-Metal Substrate Including Plastic & Polymeric Products**	Total Lead content in Non-Metal	In-House Method: SOP – TP-AN-0009-V 1 - 09 (based on USEPA method 3051 A, USEPA method 3050 B) CPSC-CH-E1002-08.3: 2012	(5 to 5000) mg/kg

S. No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
6.	**Textile Product & Accessories Containing Metal / Metal Alloy Component**	Total Lead content in metals including children jewelry	ASTM E 1645: 01 ASTM E 1613: 04 CPSC-CH-E1001-8.3: 2012	(5 to 5000) mg/kg
		Total Lead Content in surface paint/surface coating	ASTM F 2853: 10e1 (HD-XRF Technique) CPSC-CH-E1003-09.1: 2011	(50 to 5000) mg/kg
		Total Lead Content in Children's metal products including children's metal jewelry	ASTM F 2853: 10e1 (HD-XRF Technique) CPSC-CH-E 1001-08.3: 2012	(50 to 5000) mg/kg
		Total Lead Content in Nonmetal Children's products	ASTM F 2853: 10e1 (HD-XRF Technique) CPSC-CH-E 1002-08.3: 2012	(50 to 5000) mg/kg
7.	**Textile Products**	Determination of Allergenous Disperse Dyes: Disoerse blue 1 Disperse blue 3 Disperse blue 7 Disperse blue 26 Disperse blue 35 Disperse blue 102 Disperse blue 106 Disperse blue 124 Disperse brown 1 Disperse orange 1 Disperse orange 3 Disperse orange 11 Disperse orange 37/76 Disperse red 1 Disperse red 11 Solvent yellow 1 Solvent yellow 2 Solvent yellow 3 Disperse red 17	DIN 54231: 2005 In-House Method: SOP-C012: TP, I-3 (based on DIN 54231: 2005)	(15 to 7500) mg/kg (1 to 500) mg/L in extract

S. No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
	Textile Products	Disperse Yellow 1 Disperse Yellow 3 Disperse Yellow 9 Disperse Yellow 39 Disperse Yellow 49 Disperse orange 149 Disperse Yellow 23	DIN 54231: 2005 In-House Method: SOP-C012: TP, I-3 (based on DIN 54231: 2005)	(15 to 7500) mg/kg (1 to 500) mg/L in extract
		Determination of Carcinogenic Dyes Acid Red 26 Direct Red 28 Basic Violet 3 Direct Black 38 Disperse blue 1 Disperse orange 11 Basic Red 9 Direct Brown 95 Direct blue 2b	DIN 54231: 2005 In-House Method: SOP-C012: TP, I-3 (based on DIN 54231: 2005)	(15 to 7500) mg/kg (1 to 500) mg/L in extract
		Determination of Chlorophenols Pentachlorophenol (PCP) Tetrachlorophenol (TeCP)	In House Method: SOP No.: HC202.TP-V 1-08 / KOH 35 LMBG B 82.02.8: 2001	(0.05 to 500) mg/kg
		Determination of Chlorinated Organic Carriers 2-Chlorotoluene 3-Chlorotoluene 4-Chlorotoluene 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene 2,3-Dichlorotoluene 2,4-Dichlorotoluene 2,5-Dichlorotoluene	In House Method: SOP No.: HC117.TP -V 3-04 & SOP No.: C027. TP (based on DIN 54232: 2010-08 DIN 54232: 2007)	(0.1 to 500) mg/kg

S. No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
	Textile Products	2,6-Dichlorotoluene 3,4-Dichlorotoluene Hexachlorobenzene Pentachlorobenzene 1,2,3,4-tetrachlorobenzene 1,2,3,5-tetrachlorobenzene 1,2,4,5-tetrachlorobenzene 1,2,3-trichlorobenzene 1,2,4-trichlorobenzene 1,3,5-trichlorobenzene 2,3,6- trichlorotoluene 2,4,5-trichlorotoluene	In House Method: SOP No.: HC117.TP -V 3-04 & SOP No.: C027. TP (based on DIN 54232: 2010-08 DIN 54232: 2007)	(0.1 to 500) mg/kg
		Determination of Dimethyl Formamide (DMFa) content	In House Method: SOP No.: AN-TP-0015-V 1-10 & SOP No.: C008.TP-I-1: 10	(1 to 5000) mg/kg
		Determination of APEO content Nonylphenolethoxylates (NPEOs) Octylphenolethoxylates (OPEOs)	In-House Method: SOP No.: C017.TP-V 1-11	(5 to 5000) mg/kg
		AP content NP (Nonylphenol) OP (Octylphenol)	In-House Method: SOP No.: C017.TP-V 1-11	(5 to 5000) mg/kg
		Estimation of Triclosan (Biocides)	In-house method: SOP No.: AN-TP-0016-V 2-10	(5 to 500) mg/kg
		Migration of Certain Heavy Metals Ba, Pb, Cd, Sb, Se, Cr, Hg, As	BS EN 71-3: 2013 BS EN 71-3: 1995 BS EN 71-3: 2002	(1 to 5000) mg/kg LOD: 0.5 mg/kg
		Determination of Dimethyl Fumarate (DMFu) content	In House Method: SOP No.: C001.TP-V 4-13 & SOP No.: TP-AN-019-V 1-10	(0.1 to 500) mg/kg

S. No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
8.	**Textile Accessories**	Estimation of Nickel Release	EN 1811: 2011 EN 12472: 2005+A1: 2009	(0.05 to 100) $\mu g/cm^2$/ week
9.	**Textile Trims Including Print and Polymeric Materials**	PVC Identification	Beilstein + FTIR In House Method: SOP No.: AN-TP-0007-V 3-14	Qualitative
10.	**Textile & Accessories Including Leather & Polymeric Products**	Determination of Polyneuclear aromatic hydrocarbons (PAH) Naphthalene Acenaphthylene Acenaphthene Fluorene Phenanthrene Anthracene Fluoranthene Pyrene Benzo (a) anthracene Chrysen Benzo (b) fluoranthene Benzo (j) fluoranthene Benzo (k) fluoranthene Benzo (a) pyrene Benzo (e) pyrene Indeno (1,2,3-cd) pyrene Dibenzo (a,h) anthracene Benzo (g,h,i) perylene	In house method: SOP No.: C028.TP-I-1 (based on ZEK 01.4-08) ZEK 01.2-08	(0.1 to 500) mg/kg

S. No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
	Textile & Accessories Including Leather & Polymeric Products	Determination of Heavy Metals – Extractable	In house method SOP No.: HC151.TP –V 2-12	
		Pb	[Extraction as per	(0.05 to 500) mg/kg
		As	ISO 105 E04: 2013]	(0.05 to 500) mg/kg
		Cr, Cr VI		(0.03 to 500) mg/kg
		Cd		(0.03 to 500) mg/kg
		Hg		(0.01 to 500) mg/kg
		Cu		(0.05 to 500) mg/kg
		Sb		(0.03 to 500) mg/kg
		Co		(0.03 to 500) mg/kg
		Ni		(0.03 to 500) mg/kg
II.	**PLASTICS & RESINS**			
1.	**Plastic**	Total Cadmium content	BS EN 1122: 2001	(1 to 5000) mg/kg
2.	**Polymeric Products (Eg: Plastic)**	Butylatedhydroxytoluene (BHT)	In-house method: SOP No.: AN-TP-0028 -V 1-10	(1 to 500) mg/kg LOD: 0.5 mg/kg
III.	**PAINTS & SURFACE COATING**			
1.	**Paint and Similar Surface Coating Materials**	Determination of Toxic Heavy Metals [Pb, Cd, Cr, As, Sb, Hg, Se, Ba]	ASTM F 963: 2011 (4.3.5 & 8.3)	(0.5 to 5000) mg/kg
IV.	**TOYS**			
1.	**Toy**	Migration of Certain Heavy Metals [Ba, Pb, Cd, Sb, Se, Cr, Hg, As]	BS EN 71-3: 2013 BS EN 71-3: 1995 DIN EN 71-3: 2002	(0.5 to 5000) mg/kg

S. No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
V.	**LEATHER**			
1.	**Leather**	Estimation of Chromium (VI) content	DIN EN ISO 17075: 2007 DIN 53314: 1996- 04	(1 to 500) mg/kg LOD: 0.5 mg/kg
2.	**Leather Accessories**	Estimation of Nickel Release	EN 1811: 2011 EN 12472: 2005+A1: 2009	(0.1 to 100) μg/cm^2/ week
3.	**Leather Products**	Banned aryl amines from Azo dyes [o-Toluidine (95-53-4); 2-Methoxyaniline (90-04-0); p-Chloroaniline (106-47-8); p-Kresidine (120-71-8); 2,4,5-Trimethylaniline(137-17-7); 4-Chloro-o-Toluidine (95-69-2); 2,4-Toluylenediamine (95-80-7); 2,4-Diaminoanisol (615-05-4); 2-Napthylamine (91-59-8); 2-Amino-4-Nitrotoluene (99-55-8); 4-Aminodiphenyle (92-67-1); 4,4'-Oxydianiline (101-80-4); Benzidine (92-87-5); 4,4'-Diaminodiphenylmethane (101-77-9); o-Aminoazotoluene (97-56-3); 3,3'-Dimethyl-4,4'-Diaminodiphenylmethane (838-88-0); 3,3'-Dimethylbenzidine (119-93-7); 4,4'-Thiodianiline (139-65-1); 3,3'-Dichlorobenzidine (91-94-1); 4,4'-Methylene-bis-(2-Chloroaniline) (101-14-4);	DD CEN ISO/TS 17234-1: 2010 DD CEN ISO/TS 17234-2: 2011 35 LMBG B 82.02.3 (V): 1997 64 LFGB B 82.02.9: 2006	(5 to 1000) mg/kg LOD: 1 mg/kg

S. No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
	Leather Products	3,3'-Dimethoxybenzidine (119-90-4); 2,4-Xylidine (95-68-1); 2,6-Xylidine (87-62-7); P-Aminoazobenzene (60-09-3)]	DD CEN ISO/TS 17234-1: 2010 DD CEN ISO/TS 17234-2: 2011 35 LMBG B 82.02.3 (V): 1997 64 LFGB B 82.02.9: 2006	(5 to 1000) mg/kg LOD: 1 mg/kg
		Determination of Allergenous Disperse Dyes: Disperse blue 1 Disperse blue 3 Disperse blue 7 Disperse blue 26 Disperse blue 35 Disperse blue 102 Disperse blue 106 Disperse blue 124 Disperse brown 1 Disperse orange 1 Disperse orange 3 Disperse orange 11 Disperse orange 37/76 Disperse red 1 Disperse red 11 Solvent yellow 1 Solvent yellow 2 Solvent yellow 3 Disperse red 17 Disperse Yellow 1 Disperse Yellow 3 Disperse Yellow 39 Disperse Yellow 49 Disperse orange 149 Disperse yellow 23	DIN 54231: 2005 In-House Method: SOP-C012: TP, I-3 (based on DIN 54231: 2005)	(15 to 7500) mg/kg (1 to 500) mg/L in extract

S. No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
	Leather Products	Determination of Carcinogenic Dyes Acid Red 26 Direct Red 28 Basic Violet 3 Direct Black 38 Disperse blue 1 Disperse orange 11 Basic Red 9 Direct Brown 95 Direct Blue 2b	DIN 54231: 2005 In-House Method: SOP-C012:TP, I-3 (based on DIN 54231: 2005)	(15 to 7500) mg/kg (1 to 500) mg/L in extract
		Determination of Chlorophenols Pentachlorophenol (PCP) Tetrachlorophenol (TeCP)	35 LMBG B 82.02.8: 2001	(0.05 to 500) mg/kg
		Determination of Dimethyl Formamide (DMFa) content	In House Method: SOP No.: AN-TP-0015-V 1-10 & SOP No.: C008.TP-V 1-10	(1 to 5000) mg/kg
		Determination of APEO content Nonylphenolethoxylates (NPEOs) Octylphenolethoxylates (OPEOs)	In-House Method: SOP No.: C017.TP-V 1-01	(5 to 5000) mg/kg
		Determination of AP content NP (Nonylphenol) OP (Octylphenol)	In-House Method: SOP No.: C017.TP-V 1-11	(5 to 5000) mg/kg
		Estimation of Triclosan (Biocides)	In-house method: SOP No.: AN-TP-0016-V 2-10	(5 to 500) mg/kg
		Migration of Certain Heavy Metals [Ba, Pb, Cd, Sb, Se, Cr, Hg, As]	BS EN 71-3: 2013 BS EN 71-3: 1995 DIN EN 71-3: 2002	(1 to 5000) mg/kg LOD: 0.5 mg/kg

S. No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
4.	**Leather Product & Accessories Containing Non-Metal Substrate Including Plastic & Polymeric Products**	Total Lead content in Non-Metal	In-House Method: SOP –TP-AN-0009-V 1 - 09 (based on USEPA method 3051 A, USEPA method 3050 B) CPSC-CH-E1002-08.3: 2012	(5 to 5000) mg/kg
5.	**Leather Product & Accessories Containing Metal / Metal Alloy Component**	Total Lead content in metals including children jewelry	ASTM E 1645: 01 ASTM E 1613: 04 CPSC-CH-E1001-8.3: 2012	(5 to 5000) mg/kg
		Total Lead Content in surface paint/surface coating	ASTM F 2853: 10e1 (HD-XRF Technique) CPSC-CH-E 1003-09.1: 2011	(50 to 5000) mg/kg
		Total Lead Content in Children's metal products including children's metal jewelry	ASTM F 2853: 10e1 (HD-XRF Technique) CPSC-CH-E 1001-08.3: 2012	(50 to 5000) mg/kg
		Total Lead Content in Non-metal Children's products	ASTM F 2853: 10e1 (HD-XRF Technique) CPSC-CH-E 1002-08.3: 2012	(50 to 5000) mg/kg
6.	**Leather Trims Including Print and Polymeric Materials**	PVC Identification	Beilstein + FTIR In House Method: SOP No.: AN-TP-0007-V 3-14	Qualitative
7.	**Leather Products and Silica Gel**	Determination of Dimethyl Fumarate (DMFu) content	In House Method: SOP No.: C001.TP- V 4-13 SOP No.: TP-AN-019- V 1-10	(0.1 to 500) mg/kg

S. No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
8.	**Leather/ Footwear**	Colour Fastness to Rubbing	AATCC 116: 2013 SATRA TM 173: 1995 DIN EN ISO 11640: 2013 ISO 11640: 2012 BS EN 13516: 2002 ISO 17700: 2004 SATRA TM 167: 2001	Grade 1 to 5 (Qualitative)
		Colour Fastness to Perspiration	ISO 11641: 2012 SATRA TM 335: 1994	Grade1 to 5 (Qualitative)
		Colour Fastness to Water	ISO 11642: 2012 SATRA TM 185: 1995	Grade 1 to 5 (Qualitative)
		Colour Fastness to Light	SATRA TM 160: 1992	Rating: 1 to 8 Rating: 1 to 8 Rating: 1 to 8 (Qualitative)

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