

Laboratory	Intertek Lanka (Pvt.) Ltd. (Softline Division), 282, Kaduwela Road, Battaramulla, Sri Lanka		
Accreditation Standard	ISO/IEC 17025: 2005		
Discipline	Chemical Testing	Issue Date	31.01.2016
Certificate Number	T-2817	Valid Until	30.01.2018
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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 & Textile Accessories	Color Fastness to Washing	ISO 105 C10: 2006 ISO 105 C06: 2010 (A1S to D2S) AATCC 61: 2013 GB/T-3921: 2008	Qualitative (Grade 1 to Grade 5)
		Color Fastness to Rubbing / Crocking	ISO 105 X 12: 2001 AATCC 8: 2013 GB/T-3920: 2008	Qualitative (Grade 1 to Grade 5)
		Color Fastness to Perspiration	ISO 105 E04: 2013 AATCC 15: 2013 GB/T-3922: 2013	Qualitative (Grade 1 to Grade 5)
		Color Fastness to Light	ISO 105 B02: 2013 AATCC 16 Opt 3: 2014 GB/T 8427: 2008	Qualitative (Grade 1 to Grade 8) Qualitative (Grade 1 to Grade 5)
		Color Fastness to Water	ISO 105 E01: 2013 AATCC 107: 2013 GB/T 5713: 2013	Qualitative (Grade 1 to Grade 5)
		Color Fastness to Chlorinated Water	ISO 105 E03: 2010	Qualitative (Grade 1 to Grade 5)
		Color Fastness to Chlorinated Pool Water	AATCC 162: 2011	Qualitative (Grade 1 to Grade 5)
		Color Fastness to Sea Water	ISO 105 E02: 2013 AATCC 106: 2013	Qualitative (Grade 1 to Grade 5)
		Color Fastness to Organic Solvent	ISO 105 X 05: 1994	Qualitative (Grade 1 to Grade 5)

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	Textile & Textile Accessories	Color Fastness to Domestic & Home Laundering	BS EN ISO 105 C09: 2003	Qualitative (Grade 1 to Grade 5)
		Color Fastness to Phenolic Yellowing	ISO 105 X 18: 2007	Qualitative (Grade 1 to Grade 5)
		Dimensional Stability to Washing	BS EN ISO 6330: 2012 AATCC 135: 2014 AATCC 150: 2012 ISO 5077: 2007 ISO 3759: 2011	(-) 30 % to 30 %
		Appearance of Fabric After Repeated Home Laundering	AATCC 124: 2014	Qualitative (Grade 1 to Grade 5)
		Smoothness of seams in fabric after repeated home laundering	AATCC 88B: 2014	Qualitative (Grade 1 to Grade 5)
		Retention of creases in fabric after repeated home laundering	AATCC 88C: 2014	Qualitative (Grade 1 to Grade 5)
		Appearance of apparel and other textile products after repeated home laundering	AATCC 143: 2014	Qualitative (Grade 1 to Grade 5)
		Skewness Change/Spirality/ Torque	AATCC 179: 2012	(-) 30 % to 30 %
		Spirality After wash	BS ISO 16322- 3: 2005 (Procedure B)	0 to 50 %
		Fibre Composition (Quantitative Analysis)	BS 4407-18 Method 2: 1988 BS 4407-19 Method 3: 1988 BS 4407-20 Method 4: 1988 BS 4407-23 Method 7: 1988 BS 4407-24 Method 8: 1988 BS 4407-27 Method 11: 1988	1 % to 100 %

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	Textile & Textile Accessories	Fibre Composition (Quantitative Analysis)	ISO 1833-1: 2006 ISO 1833-2: 2006 ISO 1833-4: 2006 ISO 1833-5: 2006 ISO 1833-7: 2006 ISO 1833-11: 2006 ISO 1833-12: 2006 ISO 1833-18: 2006 AATCC 20 A: 2014	1 % to 100 %
		Fibre Composition (Qualitative Analysis)	AATCC 20: 2013	Qualitative
		Assessment of Migration of Textile Colors into Polyvinyl Chloride Coatings	ISO 105-X 10: 1993	Qualitative (Grade 1 to Grade 5)
		Aqueous Liquid Repellency Water/Alcohol Solution Resistance	AATCC 193: 2012	Qualitative (Grade 1 to Grade 5)
		Color Fastness to Saliva	DIN 53160-1: 2010 DIN 53160-2: 2010 GB/T 18886: 2002	Qualitative (Grade 1 to Grade 5)
		Color Fastness to Dry Cleaning	ISO 105 D01: 2010 BS 1006 D01: 1990 AATCC 132: 2013 GB/T 5711: 1997	Qualitative (Grade 1 to Grade 5)
		Free Formaldehyde Content	ISO 14184 (Part 1): 2011 JIS L1041: 2011 GBT- 2912.1.2009	2 mg/kg to 1000 mg/kg
		Released Formaldehyde Content	ISO 14184 (Part 2): 2011	

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	Textile & Textile Accessories	pH of Aqueous Extract	AATCC 81: 2012 ISO 3071: 2005	1 to 14
		Total Lead in Non Metal (in Children Products)	CPSC-CH-E-1002-08.2.2012	10 mg/kg 10000 mg/kg
		Determination of Lead in Paint and other Similar Surface Coating	CPSC-CH-E1003-09.1.2011 ASTM E 1613: 2012 ASTM E 1645: 01 (2007) ASTM F 963: 2011	10 mg/kg 10000 mg/kg
		Determination of Total Lead in Children Metal Products (Including Children Metal Jewelry)	CPSC-CH-E 1001-08.3.2012 EPA 3050B: 1996 EPA 3051A: 2007 EPA 3052: 1996	5 mg/kg 10000 mg/kg
		Determination Of Chlorinated Phenol Pentachlorophenol (PCP) CAS No. 87-86-5, 2,3,4,5-Tetrachlorophenol (2,3,4,5-TeCP), CAS No.4901-51-3 2,3,4,6-Tetrachlorophenol (2,3,4,6-TeCP), CAS No. 58-90-2, 2,3,5,6-Tetrachlorophenol (2,3,5,6-TeCP), CAS No. 935-95-5, 2,3,6-Trichlorophenol (2,3,6-TCP) CAS No. 933-75-5, 2,4,6-Trichlorophenol (2,3,4-TCP), CAS No. 88-06-2, 2,3,5-Trichlorophenol (2,4,5-TCP), CAS No. 933-78-8, 3,4,5-Trichlorophenol (3,4,5-TCP), CAS No. 609-19-8, O-Phenylphenol (OPP), CAS No. 90-43-7	SOP/CH/TM 002: 2014 based on LMBG 82- 02- 8-2007	0.5 mg/kg to 100 mg/kg

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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
	Textile & Textile Accessories	Determination Of Certain Azo Colorants In Leather O –Toluidine (95-53 - 4) 2, 4 Xylidine(95 - 68 - 1) O Anisidine (90 -04 - 0) P- Chloroaniline (106 - 47 - 8) P - Kreidine (120 - 71 - 8) 2, 4,5 Trimethylaniline (137- 17 - 7) 4 Chloro Toluidine (95 - 69 -2) 2, 4 Tolyenediamine (95 - 80 - 7) 2, 4 Diaminoanisoie (615 - 05 - 4) 2 Naphthalamine (91 - 59 - 8) 2 Aminonitro-4 Toluene (99-55- 8) 4 Aminobiphenyl (92 - 67 - 1) P-Aminoazobenzene (60 - 09 – 03) 4, 4 Oxydianiline (101 - 80 - 4) Benzidine (92 - 87 – 5) 4, 4 Diaminodiphenylmethane (101 - 77 - 9) O Amino Azotoluene (97 - 56 - 3) 4, 4 Diamino -3,3 Dimethyl Diphenyl Amine (838 - 88 - 0) 3, 3 Dimethyl Benzidine (119-93-7) 4, 4 Thiodianiline (139 - 65 - 1) 3, 3 Dichloro Benzidine (91-94 -1) 4, 4 Methylene -Bis-2 Chloraniline (101 - 14 - 4) 3,3 Dimethoxy Benzidine (119-90-4) 2, 6 Xylidine (87 - 62 - 7)	LFGB 82-02- 2: 2004 LFGB 82-02- 4: 2004 LFGB 82-02- 9: 2004 EN 14362-1: 2012 EN 14362- 3: 2012 GB/T 17592: 2011 GB/T 23344: 2009 LFGB 82.02.3: 2004	2 mg/kg to 300 mg/kg
		Determination of Formaldehyde Content	ISO 17226 (Part 2): 2008 ISO 17226 (Part 2): 2013 GB/T19941: 2005	5 mg/kg to 1000 mg/kg

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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
	Textile & Textile Accessories	Determination of Selected Organotin Compounds Monobutyltin (MBT) Dibutyltin (DBT) Tributyltin (TBT) Tetra-butyltin (TTBT) Monobutyltin (MOT) Dioctyltin (DOT) Triphenyltin (Tpht) Tricyclohexyltin(Tcyt)	BS EN 71 -3: 2013, Amd: 2014	0.05 mg/kg to 20 mg/kg
		Determination of Phthalates (A) Phthalates in Toys And Childcare Articles (B) Phthalates In Child Care Article As Per EU Directives 2005/84/EC) 1 Di-Isononyl Phthalate (DINP); CAS No. 28553-12-0 Di-(2-Ethylhexyl)Phthalate (DEHP); CAS No. 117-81-7 Di-N-Octyl Phthalate (DNOP); CAS No. 117-84-0 Di-Iso-Decyl Phthalate (DIDP); CAS No. 26761-40-0 Butyl Benzyl Phthalate (BBP); CAS NO. 85-68-7 Di-Butyl Phthalate (DBP); CAS No. 84-72-2 Di-N-Hexyl Phthalates (DNHP) CAS No. 84-75-3 Tri-(2-Chloroethyl) Phosphate (Tricp) CAS No. 115-96-8 N-Pentyl-Isopentylphthalate (NPIPP) CAS No. 84777-06-0 Bis(2-Methoxyethyl)Phthalate (DMEP) CAS No. 117-82-8	CPSC-CH-C1001 Dated. 09.3: 2010 SOP /CH/TM03: 2014 based on BSEN 14372: 2004 BSEN 15777: 2009	50 mg/kg to 10000 mg/kg

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	Textile & Textile Accessories	Di-N-Petyl Phthalate (DNPP) CAS No. 131-18-0 Di-Iso Pentyl Phthalate (DIPP) CAS No. 605-50-5 Di-ISO Butyl Phthalate (DIBP) CAS No. 84-69-5	CPSC-CH-C1001 Dated. 09.3: 2010 SOP /CH/TM03: 2014 based on BSEN 14372: 2004 BSEN 15777: 2009	50 mg/kg to 10000 mg/kg
II. LEATHER				
1.	Leather & Leather Accessories	Total Lead In Non Metal (In Children Products)	CPSC-CH-E-1002 Dated. 08.2.2012	10 mg/kg to 10000 mg/kg
		Determination of Lead In Paint and other Similar Surface Coating	CPSC-CH-E1003 Dated. 09.1.2011 ASTM E 1613: 2012 ASTM E 1645: 01 (2007) ASTM F 963: 2011	0 to 10000 mg/kg
		Determination of Total Lead in Children Metal Products (Including Children Metal Jewelry)	CPSC-CH-E 1001- Dated. 08.3.2012 EPA 3050B: 1996 EPA 3051A: 2007 EPA 3052: 1996	5 mg/kg to 10000 mg/kg
		Determination Of Chlorinated Phenol Pentachlorophenol (PCP) CAS No. 87-86-5, 2,3,4,5-Tetrachlorophenol (2,3,4,5-TeCP), CAS No.4901-51-3 2,3,4,6-Tetrachlorophenol (2,3,4,6- TeCP), CAS No. 58-90-2, 2,3,5,6-Tetrachlorophenol (2,3,5,6- TeCP), CAS No. 935-95-5, 2,3,6-Trichlorophenol (2,3,6-TCP), CAS No. 933-75-5, 2,4,6-Trichlorophenol (2,3,4-TCP),	SOP/CH/TM 002: 2014 based on LMBG 82 Dated. 02- 8.2007 ISO 17070: 2015	0.5 mg/kg to 100 mg/kg

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	Leather & Leather Accessories	CAS No. 88-06-2, 2,3,5-Trichlorophenol (2,4,5-TCP), CAS No. 933-78-8, 3,4,5-Trichlorophenol (3,4,5-TCP), CAS No. 609-19-8, O-Phenylphenol (OPP), CAS No. 90-43-7	SOP/CH/TM 002: 2014 based on LMBG 82 Dated. 02- 8.2007 ISO 17070: 2015	0.5 mg/kg to 100 mg/kg
		DMFU	ISO/TS 16186: 2012	0.1 mg/kg to 10 mg/kg
		Chromium VI	ISO 17075: 2007	0.5 mg/kg to 100 mg/kg
		Determination of Formaldehyde Content	ISO 17226 (Part 1): 2008 ISO 17226 (Part 1): 2013	5 mg/kg to 1000 mg/kg
		Determination of Selected Organotin Compounds Monobutyltin (MBT) Dibutyltin (DBT) Tributyltin (TBT) Tetrabutyltin (TTBT) Monobutyltin (MOT) Diocetyl tin (DOT) Triphenyltin (Tpht) Tricyclohexyltin (Tcyt)	SOP/CH/TM 010: 2014 based on ISO 17353: 2004	0.05 mg/kg to 20 mg/kg
		Determination Of Certain Azo Colorants In Leather O –Toluidine (95-53 - 4) 2, 4 Xylidine(95 - 68 - 1) O Anisidine (90 -04 - 0) P- Chloroaniline (106 - 47 - 8) P - Kreidine (120 - 71 - 8) 2, 4, 5 Trimethylaniline (137-17 -7) 4 Chloro Toluidine (95 - 69 -2) 2, 4 Tolyenediamine (95 - 80 - 7)	LFGB 82-02 – 2: 2004 LFGB 82-02- 4: 2004 LFGB 82-02- 9: 2004 EN 14362 – 1: 2012	2 mg/kg to 300 mg/kg

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	Leather & Leather Accessories	2, 4 Diaminoanisole (615 - 05 - 4) 2 Naphthalamine (91 - 59 - 8) 2 Aminonitro-4 Toluene (99-55-8) 4 Aminobiphenyl (92 - 67 - 1) P-Aminoazobenzene (60 - 09 - 03) 4, 4 Oxydianiline (101 - 80 - 4) Benzidine (92 - 87 - 5) 4, 4 Diaminodiphenylmethane (10 -77-9) O Amino Azotoluene (97 - 56 - 3) 4, 4 Diamino -3,3 Dimethyl Diphenyl Amine (838 - 88 - 0) 3, 3 Dimethyl Benzidine (119-93-7) 4, 4 Thiodianiline (139 - 65 - 1) 3, 3 Dichloro Benzidine (91 - 94 - 1) 4, 4 Methylene -Bis-2 Chloraniline (101 - 14 - 4) 3, 3 Dimethoxy Benzidine (119-90-4) 2, 6 Xylidine (87 - 62 - 7)	EN 14362- 3: 2012 GB/T 17592: 2011 GB/T 23344: 2009 ISO 17234-1: 2015 ISO 17234 -2: 2003 LFGB 82.02.3: 2004	2 mg/kg to 300 mg/kg
		Determination Of Phthalates (A)Phthalates In Toys And Childcare Articles (B) Phthalates In Child Care Article As Per EU Directives 2005/84/EC) 1 Di-Isononyl Phthalate (DINP); CAS No. 28553-12-0 Di-(2-Ethylhexyl)Phthalate (DEHP); CAS No. 117-81-7 Di-N-Octyl Phthalate (DNOP); CAS No. 117-84-0 Di-Iso-Decyl Phthalate (DIDP);	ISO/TS 16181: 2011	50 mg/kg to 10000 mg/kg

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	Leather & Leather Accessories	Cas No. 26761-40-0 Butyl Benzyl Phthalate (BBP); Cas No. 85-68-7 Di-Butyl Phthalate (DBP); Cas No. 84-72-2 Di-N-Hexyl Phthalates (DNHP) Cas No. 84-75-3 Tri-(2-Chloroethyl) Phosphate (Tricp) Cas No. 115-96-8 N-Pentyl-Isopentylphthalate (Npipp) Cas No. 84777-06-0 Bis(2-Methoxyethyl)Phthalate (DMEP) Cas No. 117-82-8 Di-N-Petyl Phthalate (DNPP) Cas No. 131-18-0 Di-Iso Petyl Phthalate (DIPP) Cas No. 605-50-5 Di-Iso Butyl Phthalate (DIBP) Cas No. 84-69-5	ISO/TS 16181: 2011	50 mg/kg to 10000 mg/kg
III.	Electro Chemical Product Containing Hazards Chemicals, Polymer & Metal Under ROHS Regulation	Migration of Certain Elements Aluminum, Antimony, Arsenic, Barium, Boron, Cadmium, Chromium(III), Cobalt, Copper, Lead, Manganese, Mercury, Nickel, Selenium, Tin, Zinc, Strontium, Chromium (VI), Organotin	BSEN 71- 3: 2013 Amd: 2014 ISO 105 E04: 2013 CPSC-CH-E1004: 2011 ASTM F 963: 2011	0.5 mg/kg to 10000 mg/kg

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IV.	Metal Jewelry used in Textile and Leather Product as Embellishments, Plastic & Toys	Extractability Of Cadmium	CPSC-CH-E1004: 2011	2 mg/kg to 100000 mg/kg
		Screening Test For Nickel Release	PDCR 12471: 2002	Qualitative
		Total Cadmium Content	BSEN 1122: 2001	1 mg/kg to 1000 mg/kg
		Total Lead In Non Metal (In Children Products)	CPSC-CH-E-1002 Dated. 08.2.2012	10 mg/kg to 10000 mg/kg
		Determination of Lead In Paint And Other Similar Surface Coating	CPSC-CH-E1003 Dated. 09.1.2011 ASTM F 963: 2011	10 mg/kg to 10000 mg/kg
		Determination Of Total Lead In Children Metal Products (Including Children Metal Jewelry)	CPSC-CH-E 1001 Dated. 08.3.2012 EPA 3050B: 1996 EPA 3051A: 2007 EPA 3052: 1996	5 mg/kg to 10000 mg/kg

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