



ACCREDITATION CERTIFICATE

Issued under the authority of Bangladesh Accreditation Act, 2006
by Bangladesh Accreditation Board (BAB), Ministry of Industries to

KOTITI Bangladesh Ltd.

Natore Tower (8th & 9th Floor), Plot No-32-D and 32-E

Road No-02, Sector No-03, Uttara Model Town, Dhaka, Bangladesh

This is to certify that this

Testing Laboratory

is accredited in accordance with the international standard

ISO/IEC 17025:2017

in respect of the associated scope, subject to the terms and
conditions governing the relevant conformity assessment
body (CAB) accreditation.

Certificate Number : 01.102.26
Accreditation Date : 16 July 2026
Date of Issuance : 16 July 2026
Date of Expiration : 15 July 2029



A. Z. Islam.
16.07.26
Mohd. Aminul Islam
Director General

SCOPE OF ACCREDITATION

(For Testing Laboratory)

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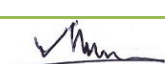
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S.N.	Products/ Materials/ Items of test	Type of tests performed	Specifications/ Standard test methods/Techniques used	Range of testing/Limit of detection
Field: Chemical Testing				
1	Textile & Textile Products	Color fastness to Rubbing	AATCC 8:2016 e(2022)e ISO 105X12:2016 KS K 0650-1:2022 KS K ISO 105X12:2016 AATCC 116:2018e(2022)e ISO 105-X16:2016 JIS L 0849:2024	Grade 1 to 5 ±0.5
2	Textile & Textile Products	Color fastness to perspiration	ISO 105 E04:2013 AATCC 15:2021e KS K ISO 105 E04:2019 JIS L 0848:2004	Grade 1 to 5 ±0.5
3	Textile & Textile Products	Color fastness to water	ISO 105 E01:2013 AATCC 107:2022e KS K ISO 105 E01:2019 JIS L 0846:2004	Grade 1 to 5 ±0.5
4	Textile & Textile Products	Color fastness to sea water	ISO 105 E02:2013 AATCC 106:2009e(2013)e3 KS K ISO 105 E02:2021 JIS L 0847:2004	Grade 1 to 5 ±0.5
5	Textile & Textile Products	Color fastness to dry heat (Excluding pressing)/ color fastness to hot pressing	ISO105 P01:1993 AATCC 117:2024 ISO105 X11:1994 AATCC 133:2020e KS K ISO105 X11:2021 JIS L 0850:2015	Grade 1 to 5 ±0.5
6	Textile & Textile Products	Color fastness to washing	ISO 105 C06:2010 ISO 105 C10:2006 AATCC 61:2013e(2020)e2 KS K ISO 105 C06:2018 KS K ISO 105 C10:2015 JIS L0844:2011	Grade 1 to 5 ±0.5
7	Textile & Textile Products	Color fastness to drycleaning	ISO 105D01:2010 KS K ISO 105 D01:2021 AATCC132:2004e3(2013)e3 JIS L 0860:2020	Grade 1 to 5 ±0.5
8	Textile & Textile Products	Color fastness to chlorinated water	ISO 105 E03:2010 AATCC 162:2011e2 KS K ISO 105 E03:2018 JIS L 0884:1996	Grade 1 to 5 ±0.5
9	Textile &	Color fastness to Sweat & Saliva	DIN 53160 part 1 & 2:2010 KS K 0112:2023	Grade 1 to 5 ±0.5


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	Textile Products			
10	Textile & Textile Products	Color fastness to bleaching	JIS L 0889:2014 AATCC TS 001:2016	Grade 1 to 5 ±0.5
11	Textile & Textile Products	Color fastness: Dye transfer in Storage; Fabric to Fabric	AATCC 163:2013 (2020)e4 JIS L 0854:2013	Grade 1 to 5 ±0.5
12	Textile & Textile Products	Assessment of the potential to Phenolic yellowing of materials	ISO 105 X 18:2007 KS K ISO 105 X 18:2015(2021)	Grade 1 to 5 ±0.5
13	Textile & Textile Products	Color fastness to artificial light: Xenon arc fading lamp test	ISO 105 B02:2014 AATCC 16.3:2020 JIS L 0843:2024 KS K ISO 105 B02-2021	Blue wool standard 1- 8 Grey Scale 1 to 5 ±0.5
14	Textile & Textile Products	Color fastness to light of textiles wetted with artificial perspiration	ISO 105 B07:2009 AATCC 125:2013e2(2020) KS K0701-2024 JIS L 0888:2018	Blue wool standard 1- 8 Grey Scale 1 to 5 ±0.5
15	Textile & Textile Products	Color fastness to enclosed carbon arc lamp light	JIS L 0842:2021 KS K 0700-2019	Blue wool standard 1- 8 ±0.5
16	Textile & Textile Products	Qualitative/Quantitative Chemical Analysis (Fibre Analysis)	ISO 1833:2020 AATCC 20:2021/20A:2021e Regulation EU No 1007- 2011dated 27-9-11 KS K 0210:2018 & KS K 0210-1:2021 JIS L 1030-1:2012& 2-2012	1.0 % to 100%
17	Textile & Textile Products	Flammability of Children's Sleepwear & Textile Clothing	16 CFR 1615/1616:2010 16 CFR 1610:2020 ASTMD 1230:2022 CAN/CGSB-4.2 no 27.5-2023	1Sec to 30 Sec
18	Textile & Textile Products/ Leather & Leather Products	pH of aqueous extract	ISO 3071:2020 KS K ISO 3071:2020 GB7573:2025 AATCC 81 : 2022	1pH to 14pH
19	Textile & Textile Products/	Free & hydrolyzed formaldehyde / released formaldehyde content	ISO-14184- Part1 : 2011 KS K ISO 14184-1:2009 ISO – 14184 part2 :2011	12mg/Kg–2,500 mg/Kg

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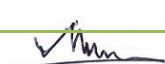
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	Leather & Leather Products		JIS L 1041:2011 AATCC 112: 2020	
20	Textile & Textile Products	Formaldehyde Spot Test	AATCC 94: 2020	Qualitative
21	Textile & Textile Products	Total Heavy Metal Content Lead (Pb) Cadmium (Cd)	CPSC CH E1002-08.3-2012 CPSC CH E1003-09.1-2011 16 CFR-1303 CPCH E1001-08.3-2012	10mg/Kg-50,000 mg/Kg
22	Textile & Textile Products	Nickel Spot Test	EN 12471:2002	Qualitative
23	Textile & Textile Products	Nickel Release (Ni) in Coated, Non-coated metals and accessories.	EN 1811:2011 KS K 0853:2022 BS EN 1811: 2023 EN 12472:2020 KS K 0854:2022	0.05 µg/cm2/week- 100µg/cm2/week
24	Leather & Leather Products	Chromium VI (Cr+6)	ISO – 17075-1:2017 KS M ISO 17075:2013	0.4 mg/Kg - 100mg/Kg
25	Textile & Textile Products/ Leather & Leather Products	Banned Aryl Amines 4-Aminodiphenyl Benzidine 4-Chloro-o-Toluidine 2-Naphthylamine o-Aminoazotoluene 5-nitro-o-toluidine 4-chloroaniline 4-methoxy-m-phenylenediamine 4,4'-Diaminodiphenylmethane 3,3'-Dichlorobenzidine. 3,3'-Dimethoxybenzidine 3,3'-Dimethylbenzidine 4,4'-methylenedi-o-toluidine p-Cresidine 4,4'-methylene-bis-(2-chloro- aniline) 4,4'-oxydianiline 4,4'-Thiodianiline o-Toluidine 4-methyl-m-phenylenediamine	EN 14362-1: 2017 KS K 0147:2021 KS K 0739:2017 EN 14362-3:2017 ISO 17234-1:2020 ISO 17234-2:2011 KS M ISO 17234-1:2019	3.75mg/Kg- 10,000 mg/Kg


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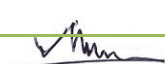
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		2,4,5-Trimethylaniline 4-aminoazobenzene O-Anisidine 2,4-Xylidin 2,6-Xylidin		
26	Textile & Textile Products	Allergenous disperse Dyestuff Disperse Yellow-23 Disperse Yellow-9 Disperse Yellow-1 Disperse Brown-1 Disperse Blue 124 Disperse Yellow 49 Disperse Blue 102 Disperse Blue 7 Disperse Red 17 Disperse Blue 106 Disperse Orange 1 Disperse Blue 26 Disperse Blue 3 Disperse Yellow 39 Disperse Blue-35 Disperse Yellow-3 Disperse Red-11 Disperse Blue-1 Disperse Orange-3 Disperse Orange-11 Disperse Orange 37/76 Disperse Red-1 Disperse Orange 149 Disperse Yellow-56 Disperse Yellow-7 Disperse Red 151 Carcinogenic Dyes – Acid Red 26 Direct Black 38 Direct Blue 6 Direct Red 28 Direct Brown 95 Acid Violet 49	DIN 54231:2022 KS K 0736:2025	15mg/Kg– 5000 mg/Kg
27	Textile & Textile Products	Phthalates – Di-iso-butyl phthalate (DIBP) Dibutyl phthalate (DBP) Benzyl Butyl phthalate (BBP)	CPSC-CH-C1001-09.4-2018 EN 14389:2022	50 mg/Kg– 5,00,000 mg/Kg


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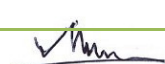
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		Di-n-hexyl phthalate(DnHP) Bis 2 ethyl hexyl phthalate(DEHP) Di -n-octyl phthalate(DNOP) Diiso nonyl phthalate(DINP) Diiso decyl phthalate(DIDP)		
28	Textile & Textile Products/ Leather & Leather Products	Alkyl Phenols and its Ethoxylates Nonyl Phenol Ethoxylates(NPEO) Octyl Phenol Ethoxylates(OPEO) Nonyl Phenol(NP) Octyl Phenol(OP)	ISO 18254-1:2016 BS EN ISO 18218-1:2023	10mg/Kg-20,000 mg/Kg
29	Textile & Textile Products	Packaging & Polymeric material Lead (Pb), Cadmium (Cd), Mercury(Hg), Chromium VI (Cr VI)	EPA 3051:2007	5 mg/Kg -1,000 mg/Kg
30	Textile & Textile Products	Cadmium content (Cd) in plastic	BS EN 1122: 2001	1 mg/Kg -50,000 mg/Kg
31	Textile & Textile Products	Migration of Certain Element/Toxicity Antimony (Sb) Arsenic (As) Lead (Pb) Cadmium (Cd) Chromium (Cr) Mercury (Hg) Barium (Ba) Selenium (Se)	EN 71-3:A1+2021 ASTM 963-17	5 mg/Kg- 1,000 mg/Kg
32	Textile & Textile Products	Extractable Heavy Metals Antimony (Sb) Arsenic (As) Lead (Pb) Cadmium (Cd) Copper (Cu) Cobalt (Co) Chromium (Cr) Nickel (Ni) Mercury (Hg) Manganese (Mn) Chromium VI (Cr VI)	ISO 105 EO4: 2013 ISO 17072-1-2019 KS K 0731:2022 KS K 0112:2009	0.01mg/Kg-100 mg/Kg


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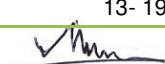
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Field: Mechanical Testing				
01	Textile-Garment/ Fabric/ Apparel	Mass Per unit Area	ISO 3801:1977, Method-5 ASTM D3776/D3776M-2020, KS K 0514-2021, JIS L 1096-2010.	5 to 500 gm per square meter
02	Textile-Garment/ Fabric/ Apparel	Number of threads per unit length	ISO 7211/2:1984, BS5441:1988+A1(2019), ASTM D3775-17e1, ASTM D 3887:1996(Reapproved 2008), KS K 0512-2022 KS K 0511-2018, JIS L 1096-2010.	1 to 200 per inch
03	Textile-Garment/ Fabric/ Apparel	Determination of linear density of yarn removed from fabric(Yarn Count)	ISO 7211/5:2020, ASTM D1059-17(2022), KS K 0415:2022, JIS L 1096-2010.	2 to 100 Ne
04	Textile-Garment/ Fabric/ Apparel	Domestic washing and drying procedures for textile testing	ISO 6330:2021, ISO 5077:2007, AATCC 135:2018t, AATCC 150:2018t, AATCC 143:2018t, KS K ISO 6330:2016, KS K ISO 5077:2014, JIS L 1096-2010, JIS L 1930:2014, JIS L 0217-1995.	Elongation or Shrinkage: ± 0.1 to ± 50%
05	Textile-Garment/ Fabric/ Apparel	Spirality Test	ISO 16322-1:2005, ISO 16322-2&3:2021, AATCC 179: 2017, KS K ISO 16322-1:2005(2019), KS K ISO 16322-2:2005(2021), KS K ISO 16322-3:2005(2018).	0.1 to 50 %
06	Textile-Garment/ Fabric/ Apparel	Fabric propensity to surface fuzzing and to pilling	ISO 12945-1:2020, ISO 12945-2:2020, ASTM D4970 / D4970M-2022 KS K ISO 12945-1-2019, KS K ISO 12945-2-2019, KS K 0501, JIS L 1076-2012, Method-A.	1 to 5 Grade
07	Textile-Garment/ Fabric/ Apparel	Pilling Resistance and Other Related Surface Changes of Textile Fabrics: Random Tumble Pilling	ASTM D3512/D3512M-2022, KS K 0499-2023.	1 to 5 Rating
08	Textile-Garment/	Bursting Strength test	ISO 13938-1 & 2:2019,	13- 196 PSI


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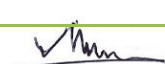
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	Fabric/ Apparel		ASTM D3786 / D3786M-18(2023), KS K ISO 13938-1:2019, JIS L 1096-2010 Method A.	
09	Textile-Garment/ Fabric/ Apparel	Tearing Strength test	ISO 13937-1:2000/cor1:2004, ISO 13937-2:2000, ISO 13937-3:2000, ISO 13937-4:2000, ASTM D 1424:2009 (2013), ASTM D2261-13(2024), KS K ISO 13937-1:2021, KS K ISO 13937-2:2023, KS K 0536:24, KS K 0534:2019, JIS L 1096-2010.	240- 5440gf 1 N-4000 N
10	Textile-Garment/ Fabric/ Apparel	Breaking Strength & Elongation	ISO 13934-1:2013, ISO 13934-2:2014, ASTM D5034-2021, ASTM D 5035:11(2024), KS K 0520-2021, KS K 0521:2023, JIS L 1096-2010	1 N-4000 N 1-70 %
11	Textile-Garment/ Fabric/ Apparel	Seam Slippage Test	ISO 13936- 1 & 2:2004, KS K ISO 13936-1:2021 JIS L 1096-2010	1N-4000N
12	Textile-Garment/ Fabric/ Apparel	Seam Strength Test	ISO 13935-1 & 2:2014, ASTM D 1683/D1683M-2022, JIS L 1093-2011.	1N-4000N
13	Textile-Garment/ Fabric/ Apparel	Abrasion resistance of fabrics	ISO 12947-1,3 & 4 (1998/Cor.1):2002, ISO 12947-2:2016, ASTM D4966-2022, KS K ISO 12947-1,2,3 & 4- 2019, JIS L 1096-2010 method E.	50 - 100,000 rubs. Mass Loss: 0.5 to 25 % Grade 1 to 5
14	Textile-Garment/ Fabric/Apparel	Thickness of Textile Materials	ASTM D 1777:26	0.1 to 20 mm
15	Textile-Garment/ Fabric/Apparel	Width of Textile Fabric	ISO 3932:1976, ASTM D3774-18(2024), KS K ISO 22198:2019,	1 to 250 cm
16	Textile-Garment/ Fabric/Apparel	Bow and Skew in Woven and Knitted Fabrics	ASTM D3882-08(2020, KS K 0605:2017(2022)	0.01 to 50 %


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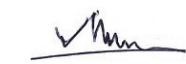
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17	Textile-Garment/ Fabric/Apparel	Stretch Properties of Fabrics	ASTM D3107-07(2019) JIS L 1096:2010	1 to 250 %
18	Textile-Garment/ Fabric/Apparel	Water Resistance: Hydrostatic pressure	ISO 811:2018, AATCC 127:2017, KS K ISO 811:2021, JIS L 1092-2009	0.05 to 19.5 N/sq cm (5-1950 mbar)
19	Textile-Garment/ Fabric/Apparel	Water Repellency: Spray Rating Test	ISO 4920:2012, AATCC 22:2017, KS K 0590-2016, JIS L 1092-2009	<u>ISO</u> : Rating 1-4 <u>AATCC</u> : Rating: 0-100
20	Textile-Garment/ Fabric/Apparel	Rain Test	ISO 22958:2005 AATCC 35:2013 KS K ISO 22958:2012.	0.1 to 199 gm
21	Textile/ Garment- Accessories	Strength Tests for Zippers	BS EN 16732:2015, ASTM D 2061:2007(2021).	1 N-4000 N
22	Textile/ Garment- Accessories	Security of attachment	CEN/TR 16792:2014	0.05 to 0.29 N (5 to 30 kgs) Pull gauges.
		Safety of children's clothing Cords and drawstrings on children's clothing - Specifications	EN 14682:2014	1 to 100 cm
23	Textile/ Garment- Accessories	Torque test & Tension Test	16 CFR 1500.53 f:2013, 16 CFR 1500.53 e:2013, BS EN 71- 1:2014+A1:2018(Clause-8.3 & 8.4), ASTM F 963:2017(Clause- 8.8 & 8.9)	0.3 kgf-cm to 9.0 kgf-cm
24	Textile/ Garment- Accessories	Small Part	16 CFR 1501:2012, BS EN 71-1:2014+A1:2018 (Clause-8.2), ASTM F 963:2017(Clause-4.6)	Qualitative
		Sharp Point	16 CFR 1500.48 :2013, BS EN 71-1:2014+A1:2018 (Clause-8.12),ASTM F 963:2017(Clause-4.9)	Qualitative
		Sharp Edge	16 CFR 1500.49:2013, BS EN 71-1:2014(Clause-8.11), ASTM F 963:2017(Clause-4.7)	Qualitative

END



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