



ACCREDITATION CERTIFICATE

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

ITS Labtest Bangladesh Ltd.

Phoenix Tower (2nd & 3rd Floor)

407, Tejgaon Industrial Area, Dhaka-1208, 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 : **01.008.13**
Accreditation Date : **26 November 2013**
Date of Issuance : **18 May 2025 (4th Renewal)**
Date of Expiration : **25 November 2027**



M. A. Kamal Billah
M. A. Kamal Billah
Director General

This certificate must be returned on request; reproduction must follow BAB guidelines. For the specific scopes to which this accreditation applies, please refer to the Directory of CABs at BAB website.

SCOPE OF ACCREDITATION

(For Testing Laboratory)

CAB Name & Address: ITS Labtest Bangladesh Ltd., Dhaka Lab
Phoenix Tower (2nd & 3rd Floor), 407, Tejgaon, Dhaka-1208

Accreditation Standard: ISO/IEC 17025:2017 **Accreditation Date:** 26 November 2013

Certificate Number: 01.008.13 **Issued on:** 18 May 2025 (4th Renewal)

Last Amended on: NA **Valid until:** 25 November 2025

Amendment no: NA

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 TESTS				
I. TEXTILE (WOVEN & NONWOVEN)				
1	A. Yarns & Cords B. Finished Fabric C. Apparels/ Garments D. Made- ups E. Terry Fabrics & its products	Colour Fastness to Washing and Laundering	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 AATCC TM61-2013e(2020) AS 2001.4.15-2006 (R2016) JIS L 0844- 2011 GB/T 3921- 2008 GB/T 12490- 2014 CAN/CGSB-4.2 No 19.1- 2004 (R2013) CAN/CGSB 4.2 No. 19.2- 2003	Grade: 1-5 ±0.5 grade
2	A. Yarns & Chords B. Grey Fabric C. Finished Fabric D. Apparels/ Garments E. Made- ups Terry Fabrics & its products	Fiber Composition (Composition in weight %) Fiber Identification	ISO 1833 Part- 1, 2, 3, 12, 18, 22- 2020, 5, 8- 2006, 6, 20- 2018, Part- 10, 14, 16, 17, 21- 2019 Part-4, 7, 11- 2017 BS EN ISO 1833 Part- 1, 2, 3, 12, 17, 18- 2020, 5,8- 2010, 22- 2021 Part- 6, 10, 14, 16, 20, 21- 2019 Part-4, 7, 11- 2017 AATCC TM20A- 2021 AS 2001.7- 2005 (R2016) GBT/T (2910.1, 2910.4, 2910.6, 2910.8, 2910.11, 2910.12, 2910.20, 2910.22)- 2009 CAN/CGSB 4.2 No. 14-2005 SASO 781- 1994 SASO 1173- 1998 ASTM D629- 2015 EU 1007- 2011	0.5 to 100%
3	A. Finished Fabric B. Apparels/ Garment C. Made- ups	Ultraviolet Protection Factor (UPF)	AS/NZS 4399- 2020 EN 13758-1- 2002 AATCC TM 183- 2020	10-1000 UPF


Quality Manager

SCOPE OF ACCREDITATION

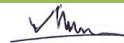
(For Testing Laboratory)

CAB Name & Address: ITS Labtest Bangladesh Ltd., Dhaka Lab
Phoenix Tower (2nd & 3rd Floor), 407, Tejgaon, Dhaka-1208
Accreditation Standard: ISO/IEC 17025:2017 **Accreditation Date:** 26 November 2013
Certificate Number: 01.008.13 **Issued on:** 18 May 2025 (4th Renewal)
Last Amended on: NA **Valid until:** 25 November 2025
Amendment no: NA

S.N.	Products/ Materials/ Items of test	Type of tests performed	Specifications/ Standard test methods/Techniques used	Range of testing/Limit of detection
	D. Terry Fabrics & its products		ASTM D 6544- 2021 ASTM D 6603- 2019 GB/T 18830- 2009	
4	Textile & Textile Products	Cool Feeling Performance Test	GB/T 35263- 2017	(0.01-0.3) J/(cm ² .s)
5	Jute	Oil Content Unsaponifiable Matter	IJO Standard 98/01 (Revised 2005)	0.1 – 100% 0.1-10,000 mg/kg

II. HAZARDOUS AND RESTRICTED CHEMICALS

6	A. Textile & Textile Products	Banned Aryl Amines from Azo Dyes Content	BS EN ISO 14362 part-1-2017 BS EN ISO 14362 part-3-2017 GB/T 17592- 2011	5 to 1000 mg/kg MDL: 0.5 mg/L
	B. Paints	[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);	BS EN ISO 17234-1: 2020 BS EN ISO 17234-2: 2011	
	C. Prints	4-Chloro-o-Toluidine (95-69-2); 2,4-Toluylenediamine (95-80-7); 2,4-Diaminoanisole (615-05-4); 2-Naphthylamine (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); 3,3'- Dimethoxybenzidine (119-90-4); 2,4-Xylidine (95-68-1); 2,6-Xylidine (87-62-7); P-Aminoazobenzene (60-09-3); 4-chloro-o-toluidinium chloride(3165-93-3) ; 2-Naphtylammoniumacetate (553-00-4) ; 4-methoxy-m-phenylene diammonium sulphate(39156-41-7) ; 2,4,5-trimethylaniline hydrochloride (21436-97-5) ; Aniline (62-53-3)		
7	A. Textile & Textile Products	APEOs Content	BS EN ISO 18254-1-2016	5 to 5000 mg/kg
	B. Paints	Nonylphenoethoxylates (NPEOs)	EN ISO 18218-1- 2023	MDL: 0.5 mg/L
	C. Prints	Octylphenoethoxylates (OPEOs)	EN ISO 21084- 2019	
	Leather Products			


Quality Manager

SCOPE OF ACCREDITATION

(For Testing Laboratory)

CAB Name & Address: ITS Labtest Bangladesh Ltd., Dhaka Lab
Phoenix Tower (2nd & 3rd Floor), 407, Tejgaon, Dhaka-1208
Accreditation Standard: ISO/IEC 17025:2017 **Accreditation Date:** 26 November 2013
Certificate Number: 01.008.13 **Issued on:** 18 May 2025 (4th Renewal)
Last Amended on: NA **Valid until:** 25 November 2025
Amendment no: NA

S.N.	Products/ Materials/ Items of test	Type of tests performed	Specifications/ Standard test methods/Techniques used	Range of testing/Limit of detection
		AP Content	ISO 18254-2:2018	
		NP (Nonylphenol)	ASTM D7742-17	
		OP (Octylphenol)		
8	A. Textile & Textile Products Leather Products	Cationic Surfactants Distearyldimethyl ammoniumchloride (DSDMAC); Ditalowdimethyl ammoniumchloride (DTDMAC); Dihydrogenated tallowdimethyl ammoniumchloride (DHTDMAC)	In House Method SOP No.: SOP/AM/018, I-1, R-2 Harmonized SOP: HSOP: C037.TP-I-2 US EPA Method 3550C:2007	10 to 5000 mg/kg LOD: 0.50 mg/L
9	A. Textile & Textile Products Leather Products	Chloroparaffins (SCCP & MCCP) Short chained (SCCPs) C10-C13; Medium chained (MCCPs) C14-C17	Harmonized SOP: C023.TP, I-4 ISO 22818:2021 (SCCP + MCCP) (Textile)	10 to 5000 mg/kg LOD: 1.0 mg/L
			ISO 18219-1:2021 (SCCP) ISO 18219-2:2021 (MCCP) (Leather)	
10	A. Textile & Textile Products Leather Products	Per & Polyfluorinated Compounds (PFAS) Content: EtFOSE; PF-3,7-DMOA; PFUdA; 1H,1H,2H,2H-PFOS;; PFDoA; MeFOSA; PFOA; PFDA; H4PFUnA; PFNA; PFTeDA; EtFOSA; 4HPFUnA ; PFTrDA; PFOSA; PFOS; 7H-Dodecanefluoroheptane Acid; 2H,2H-Perfluorodecane carboxylate; 1H,1H,2H,2H Perfluorooctanesulphonic acid; HPFHpA; PFPeA; PFHxA; PFHxS; PFBA; PFBS; PFHpA; PFHpS; 6:2 FTOH; 4:2 FTOH; 10:2 FTOH; 8:2 FTOH; 6:2 FTA; 10:2 FTA; 8:2 FTA	Harmonized SOP: C016.TP, I-11 C025.TP, I-07 C041.TP, I-2 CEN/TS 15968- 2014 EN ISO 23702-1- 2023 EN 17681-1- 2022 EN 17681-2- 2022	1 to 1000 mg/kg LOD: 1 mg/L
11	A. Textile & Textile Products Leather Products	Total Heavy Metals Content Al,As, B, Cd ,Co, Cr ,Cu, Ba, Hg, Mn, Pb, Ni, Sb, Se, Zn, Sn ,Be	In House Method SOP No: SOP/AM/003, I-1, R-4 USEPA 3051A (modified) USEPA 3052 (modified) CPSC-CH-E1001-08.3 CPSC-CH-E1002-08.3 CPSC-CH-E1003-09.1 ASTM E1645- 2021 BS-EN 16711-1: 2015	1 to 5000 mg/kg LOD: 0.10 mg/L

Quality Manager

SCOPE OF ACCREDITATION

(For Testing Laboratory)

CAB Name & Address: ITS Labtest Bangladesh Ltd., Dhaka Lab
Phoenix Tower (2nd & 3rd Floor), 407, Tejgaon, Dhaka-1208

Accreditation Standard: ISO/IEC 17025:2017 **Accreditation Date:** 26 November 2013

Certificate Number: 01.008.13 **Issued on:** 18 May 2025 (4th Renewal)

Last Amended on: NA **Valid until:** 25 November 2025

Amendment no: NA

S.N.	Products/ Materials/ Items of test	Type of tests performed	Specifications/ Standard test methods/Techniques used	Range of testing/Limit of detection
			ISO 17072-2:2019	
12	A. Textile & Textile Products B. Leather Products	Flame retardant Per eco-Textile: PBDEs(Various), PBB(Various), Tris-(2,3-dibromopropyl)-phosphate (TRIS)(126-72-7), TEPA(545-55-1), HBCDD(25637-99-4 / 3194-55-6), TCEP(115-96-8), TBBPA(79-94-7), BBMP(3296-90-0), Bis(Tert-butylphenyl)phosphate (65652- 41-7), Tris(2chloroisopropyl) phosphate(TCPP)(13674-84-5), Tris(1,3-dichloroisopropyl) phosphate(13674-87-8), Bis(2,3-dibromopropyl) phosphate(5412-25-9). Hexabromobiphenyl(PBB)(59536-65-1) Trixylyl phosphate (TXP) (25155-23-1) Decabromodiphenyl ethane (DBDPE)(84852-53-9)	Harmonized SOP: C019 TP I-1 Harmonized SOP: C050 TP I-2 ISO 17881-1: 2016 ISO 17881-2:2016	5-1000 mg/Kg MDL: 10 µg/l
13	A. Textile & Textile Products B. Leather Products	Thiourea	Harmonized SOP C068 TP I -1	50-1000 mg/kg MDL:50 mg/kg
14	A. Textile & Textile Products B. Leather Products	Permethrin	Harmonized SOP C066 TP I-2 USEPA 8270E Solvent extraction, followed by GC-MS ISO 14154:2005 ISO 22517- 2019	250-1000 mg/kg MDL:0.5 mg/L
15	A. Textile & Textile Products B. Leather Products	Bisphenols Bisphenol-A (CAS:80-05-7) Bisphenol-S (CAS:80-09-1) Bisphenol-F (CAS:620-92-8) Bisphenol AF (CAS:1478-61-1) Bisphenol B (CAS:77-40-7)	Harmonized SOP C011 TP I -9 AFIRM RSL Testing ASTM D7574-23 ISO18857-2-2009(R2015) ISO11936-2023	0.1-100 mg/kg MDL: 0.1 mg/L
16	A. Textile & Textile Products B. Leather Products	Styrene (CAS:100-42-5)	In House SOP SOP/AM/049 AFIRM RSL Testing	50-1000 mg/kg MDL: 1 mg/L
17	A. Textile & Textile Products B. Leather Products	AEAA [2-(2-aminoethylamino)ethanol]	HSOP: C069.TP, I-2 Tran et al.: JOURNAL of AOAC INTERNATIONAL, Vol, 97, No. 1, 2014	50-1000 mg/kg MDL: 0.1 mg/L


Quality Manager

SCOPE OF ACCREDITATION

(For Testing Laboratory)

CAB Name & Address: ITS Labtest Bangladesh Ltd., Dhaka Lab
Phoenix Tower (2nd & 3rd Floor), 407, Tejgaon, Dhaka-1208
Accreditation Standard: ISO/IEC 17025:2017 **Accreditation Date:** 26 November 2013
Certificate Number: 01.008.13 **Issued on:** 18 May 2025 (4th Renewal)
Last Amended on: NA **Valid until:** 25 November 2025
Amendment no: NA

S.N.	Products/ Materials/ Items of test	Type of tests performed	Specifications/ Standard test methods/Techniques used	Range of testing/Limit of detection
18	A. Textile & Textile Products B. Leather Products	UV Absorbers / Stabilizers UV-350 (36437-37-3) UV-320 (3846-71-7) UV-327 (3864-99-1) V-328 (25973-55-1) Drometrizole (2440-22-4)	HSOP: C070.TP, I-2 DIN EN 62321-6:2016-05 (Extraction in THF, analysis by GC/MS) USEPA 8270 ISO 22032, USEPA 527 and USEPA 8321B. Dichloromethane extraction GC-MS or LC-MS(-MS) ISO 24040: 2022	100-1000 mg/kg MDL: 0.5 mg/L
19	A. Textile & Textile Products Chemical	Diazene-1,2-dicarboxamide (ADCA)	Harmonized SOP C080.TP Issue-1	25-5000 MDL: 2.5 mg/L
20	A. Textile & Textile Products B. Chemical	Cyclopolsiloxanes D4, D5, and D6	Harmonized SOP C079.TP, Issue-1 Testing instruction TEGEWA method – quantitative determination of D4 in chemicals (Revision: June 2021)	25-5000 MDL: 0.25 µg/mL
21	A. Textile & Textile Products Chemical	Formamide, Acetophenone, 2-Phenyl-2- Propanol,	Harmonized SOP C013.TP, Issue 1	5-1000 MDL: 0.1 µg/mL
22	Food Contract Material - Ceramics - Plastic	Leachable/Extractable Lead (Pb), Cadmium (Cd) & Arsenic (As)	Japan Specifications and Standards for Food, Food Additives, etc. (1959 MHW Notice No. 370) with Amendments up to 2010 MHLW Notice No. 336 - EN 1388-1: 1995 - EN 1388-2: 1995	Cd: 0.03-5 mg/L, Pb: 0.05-5 mg/L As: 0.001-5 mg/kg
23	A. Textile & Textile Products B. Leather Products	Total Fluorine	ASTM D 7359-23 BSEN14582-2016	20 to 5000 mf/kg LOD: 10 mg/kg
24	Leather Products	Formaldehyde Content	BS EN ISO 17226-1: 2021 BS EN ISO 17226-2:2019	5-5000 mg/kg MDL: 0.05 mg/L
III. WASTE WATER :				
25	Wastewater	Total Suspended Solids (TSS)	USEPA - 160.2 :1971, SM2540D (23 rd Edition)	4-10000 mg/L LOD= 4 mg/L
26	Wastewater	Biological Oxygen Demand (BOD)	SM 5210B (23 rd Edition), SM 5210D (23 rd Edition) & USEPA 405.1 :1974	5-5000 mg/ L LOD= 5 mg/L
27	Wastewater	Chemical Oxygen Demand (COD)	USEPA 410.4 :1993,	10 - 50000 mg/L

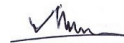

Quality Manager

SCOPE OF ACCREDITATION

(For Testing Laboratory)

CAB Name & Address: ITS Labtest Bangladesh Ltd., Dhaka Lab
Phoenix Tower (2nd & 3rd Floor), 407, Tejgaon, Dhaka-1208
Accreditation Standard: ISO/IEC 17025:2017 **Accreditation Date:** 26 November 2013
Certificate Number: 01.008.13 **Issued on:** 18 May 2025 (4th Renewal)
Last Amended on: NA **Valid until:** 25 November 2025
Amendment no: NA

S.N.	Products/ Materials/ Items of test	Type of tests performed	Specifications/ Standard test methods/Techniques used	Range of testing/Limit of detection
			ISO 6060 :1989, SM 5220D (23 rd Edition), Validated Cuvette Method	LOD= 10 mg/L
28	Wastewater & Sludge	pH	USEPA-150.1 :1978 USEPA SW 9045D: 2004	0 to 14
29	Wastewater	Temperature [°C]	USEPA 170.1 :1974	0 -100 LOD: 0
30	Wastewater	Total Nitrogen	ISO 5663 :1984, USEPA 351.2 :1993, ISO 11905-1 :1997, SM 4500N-C (23 rd Edition)	1 -100 mg/L LOD: 1 mg/L
31	Wastewater	Colour [m-1](436, 525, 620 nm) Colour (mg Pt/L)	ISO 7887-B, C :2011	Colour (m-1) 0.1;0.1;0.1- 150; 150; 150 LOD: 0.1;0.1;0.1 Colour (mg Pt/L) 2-5000 (mg Pt/L) LOD: 2 (mg Pt/L)
32	Wastewater	Ammonium Nitrogen	ISO 11732 :2005, ISO 7150-1:1984, USEPA 350.1 :1993, SM 4500 NH3-F (23 rd Edition)	0.3 - 100 mg/L LOD: 0.3 mg/L
33	Wastewater	Total Phosphorus	ISO 11885 :2007, USEPA 200.8 : 1994	0.04 – 50 mg/L LOD: 0.04 mg/L
34	Wastewater	AOX	ISO 9562 :2004, USEPA 1650 :1997	0.1 -20 mg/L LOD: 0.1 mg/L
35	Wastewater	Oil and Grease	ISO 9377-2 :2000, USEPA 1664 revision B :2010	0.5- 500 mg/L LOD: 0.5 mg/L
36	Wastewater	Phenol	ISO6439: 1990, SM 5530 B/C/D (23 rd Edition) IS 3025 (Part 43): 1992	0.001-10 mg/L LOD:0.001 mg/L
37	Wastewater	Coliform [bacterial/100 ml]	ISO 9308-1 :2014, USEPA 9132 :1986	0 -5000 CFU/100ml LOD: 0 CFU/100ml


Quality Manager

SCOPE OF ACCREDITATION

(For Testing Laboratory)

CAB Name & Address: ITS Labtest Bangladesh Ltd., Dhaka Lab
Phoenix Tower (2nd & 3rd Floor), 407, Tejgaon, Dhaka-1208

Accreditation Standard: ISO/IEC 17025:2017 **Accreditation Date:** 26 November 2013

Certificate Number: 01.008.13 **Issued on:** 18 May 2025 (4th Renewal)

Last Amended on: NA **Valid until:** 25 November 2025

Amendment no: NA

S.N.	Products/ Materials/ Items of test	Type of tests performed	Specifications/ Standard test methods/Techniques used	Range of testing/Limit of detection
38	Wastewater	Foam	Visual	NA
39	Wastewater & Sludge	Cyanide	ISO 6703-1,2,3 :1984, - USEPA 335.2 :1980, SM 4500-CN (23 rd Edition), USEPA 9013 :2014, USEPA 9014 :2014	Wastewater: 0.05-5 mg/L LOD: 0.05 mg/L Sludge: 10 - 500 mg/kg LOD: 10 mg/kg
40	Wastewater	Sulphide	ISO 10530 :1992, SM 4500-S2-D (23 rd Edition)	0.01-10.0 mg/L LOD:0.01 mg/L
41	Wastewater	Sulphite	USEPA 377.1 :1978, SM 4500-SO3 (23 rd Edition), ISO 10304-3: 1997	0.2-20 mg/L LOD:0.2 mg/L
42	Wastewater & Sludge	Glycols	USEPA 8270D,E:2018, ISO 22892 :2006	0.05-100 mg/L LOD:0.05 mg/L
43	Wastewater & Sludge	Halogenated Solvents	USEPA 8260B,D :1996, USEPA 5035A :1996, USEPA 5021A :2014, USEPA 8010B :1994	0.001-100 mg/L LOD: 0.001 mg/L
44	Wastewater & Sludge	Volatile Organic Compounds (VOC)	ISO 11423-1 :1997, USEPA 8270D :2014, USEPA 5035A :1996, USEPA 5021A :2014, USEPA 8260B,D :1996, DIN 38407-43 :2014 EN 13130- 2004 ISO 16189:2021	0.001-100 mg/L LOD: 0.001 mg/L
45	Wastewater & Sludge	Heavy Metals	ISO 11885 :2007, ISO 18412 :2005, USEPA 200.8 :1994, USEPA 6010c:2000, USEPA 6020a :1998, USEPA3060A :1996, USEPA 7196 :1992, USEPA 3050 :1996, USEPA 6010D :2018, US EPA 6020B :2014, US EPA 3051A :2007, USEPA1311 :1992, and ICP-MS, ICP-OES and UV/VIS analysis	Wastewater: 0.0005 - 5000 mg/L LOD: (Sb, Total Cr, Co, Ni, Zn, Pb, Mn, Cu, Ba, Se, Sn, B)- 0.01 mg/L (Ag, As)- 0.005 mg/L (Cr (VI), Cd) 0.001 mg/L (Hg)- 0.0005 mg/L Sludge:


Quality Manager

SCOPE OF ACCREDITATION

(For Testing Laboratory)

CAB Name & Address: ITS Labtest Bangladesh Ltd., Dhaka Lab
Phoenix Tower (2nd & 3rd Floor), 407, Tejgaon, Dhaka-1208
Accreditation Standard: ISO/IEC 17025:2017 **Accreditation Date:** 26 November 2013
Certificate Number: 01.008.13 **Issued on:** 18 May 2025 (4th Renewal)
Last Amended on: NA **Valid until:** 25 November 2025
Amendment no: NA

S.N.	Products/ Materials/ Items of test	Type of tests performed	Specifications/ Standard test methods/Techniques used	Range of testing/Limit of detection
				0.2- 5000 mg/Kg LOD: Total Cr, Co, Ni, Ag, Zn, Cr(VI), Mn, Cu, Ba, Sn)- 10 mg/Kg, (As, Pb, Se, Sb)- 2 mg/Kg (Cd,Hg)- 0.2 mg/Kg
46	Wastewater	Total Dissolved Solids (TDS)	SM 2540-C (23 rd Edition), USEPA 160.1: 1971, TDS Meter	1-5000 mg/L LOD: 1 mg/L
47	Wastewater	Electrical Conductivity	USEPA 120.1: 1982	2 -10000 µS/cm LOD: 2 µS/cm
48	Wastewater	Chloride	SM 4500-Cl ⁻ -B, E (23 rd Edition), ISO 10304-1 : 2007	10-1000 mg/L LOD: 10 mg/L
49	Wastewater	Sulphate	SM 4500-SO ₄ ²⁻ -E (23 rd Edition), USEPA 375.4 : 1978, ISO 10304-1 : 2007	10-1000 mg/L LOD: 10 mg/L
50	Wastewater	Total Hydrocarbons	USEPA 1664-B : 2010, -SM 5520-F (23 rd Edition)	1-50 mg/L LOD: 1 mg/L
51	Wastewater	Carbon disulfide (CS ₂)	USEPA 8260B : 1996, ISO 15680 : 2003; ISO 11423-2 : 1997	0.1-10 mg/L LOD: 0.1 mg/L
52	Sludge	Dry Mass (Total Solids)	USEPA 160.3: 1971	1-100 % LOD: 1%
53	Wastewater	Dissolved Oxygen (DO)	EPA 360.1: 1971, SM 4500-O-G (23 rd Edition)	N/A
54	Wastewater	Total Chlorine	ISO 7393-2: 2018, USEPA 330.5: 1978, SM 4500-Cl-G (23 rd Edition)	0.2- 50 mg/L LOD: 0.2 mg/L
55	Sludge	Paint Filter Test	USEPA SW-846: 1996, USEPA 9095B: 2004	Qualitative
56	Wastewater	Flowrate	ZDHC Wastewater Guidelines	N/A
57	Wastewater & Sludge	APEOs & APs Content	NP/OP: ISO 18857-2: 2009 (modified dichloromethane extraction) or ASTM D7065: 2011 (GC-MS or LC-MS(-MS))	5-1000 µg/L MDL:5 µg/L


Quality Manager

SCOPE OF ACCREDITATION

(For Testing Laboratory)

CAB Name & Address: ITS Labtest Bangladesh Ltd., Dhaka Lab
Phoenix Tower (2nd & 3rd Floor), 407, Tejgaon, Dhaka-1208

Accreditation Standard: ISO/IEC 17025:2017 **Accreditation Date:** 26 November 2013

Certificate Number: 01.008.13 **Issued on:** 18 May 2025 (4th Renewal)

Last Amended on: NA **Valid until:** 25 November 2025

Amendment no: NA

S.N.	Products/ Materials/ Items of test	Type of tests performed	Specifications/ Standard test methods/Techniques used	Range of testing/Limit of detection
			OPEO/NPEO (n>2): ASTM D7742: 2017 ISO 18857-2: 2009	
58	Wastewater & Sludge	Polycyclic Aromatic Hydrocarbons (PAHs)	USEPA 8270E DIN 38407-39: 2011 Solvent extraction GC-MS	1-1000 µg/L MDL:1 µg/L
59	Wastewater & Sludge	Chlorobenzene & Chlorotoluene	USEPA 8260D, 8270E, Purge and Trap, Head Space Dichloromethane extraction followed by GC-MS	0.2 -1000 µg/L MDL:0.2 µg/L
IV. FOOD TESTING				
60	Fruit Juice/ Fruit Drinks/ Fruit Squash/ Fruit Syrup/ Artificial Flavoured Drinks/ Fruit Cordial & Beverages Jam, Jelly, Marmalade/ Pickle/ Chutney/ Edible Jelly/ Tomato Paste/ Tomato Ketchup Biscuits/ Protein-Rich Biscuit/ Chanachur/ Noodles	Total heavy Metal: Arsenic (as As) , Lead (as Pb) , Copper (as Cu) , Zinc (as Zn) , Tin (as Sn) , Iron (Fe) Cadmium (as Cd) Nickel (Ni)	AOAC 986.15 AOAC 999.10 AOAC 980.19 AOAC 971.2	As=5-2000 µg/kg Pb=5-2000 µg/kg Cu=0.5-10 mg/kg Zn=0.25-10 mg/kg Sn=5.0-25000 µg/kg Fe=0.25-50 mg/kg Cd=0.25-1000 µg/kg Ni=5-1000µg/kg
61	Fruit Juice/ Fruit Drinks/ Fruit Squash/ Fruit Syrup/ Artificial Flavoured Drinks/ Fruit Cordial & Beverages Jam, Jelly, Marmalade/ Pickle/ Chutney/ Edible Jelly/ Tomato Paste/ Tomato Ketchup Biscuits/ Protein-Rich Biscuit/ Chanachur/	pH Value	AOAC 981.12	1.00-14.00


Quality Manager

SCOPE OF ACCREDITATION

(For Testing Laboratory)

CAB Name & Address: ITS Labtest Bangladesh Ltd., Dhaka Lab
Phoenix Tower (2nd & 3rd Floor), 407, Tejgaon, Dhaka-1208
Accreditation Standard: ISO/IEC 17025:2017 **Accreditation Date:** 26 November 2013
Certificate Number: 01.008.13 **Issued on:** 18 May 2025 (4th Renewal)
Last Amended on: NA **Valid until:** 25 November 2025
Amendment no: NA

S.N.	Products/ Materials/ Items of test	Type of tests performed	Specifications/ Standard test methods/Techniques used	Range of testing/Limit of detection
	Noodles			
V. FOOD TESTING				
62	Packaged Drinking water & Natural Mineral Water	Total Dissolved Solid (TDS)	AOAC 973.40 AOAC 932.12	0.00-19900.00 mg/L
63	Packaged Drinking water & Natural Mineral Water	Conductivity	AOAC 973.40	0-199.9 ms
64	Packaged Drinking water & Natural Mineral Water	pH	AOAC 973.41	1.00-14.00
65	Packaged Drinking water & Natural Mineral Water	Total Hardness as CaCO ₃	SM 2340(23 rd Edition) ISO 6059:1984 BDS1414 (Appendix-N)	1-500 mg/L
66	Packaged Drinking water & Natural Mineral Water	Chlorides (Cl)	SM 4500E-Cl AOAC 973.51 ISO 9297:1989	1-500 mg/L
67	Packaged Drinking water & Natural Mineral Water	Fluoride	D7359-23 4500-F.D. SPANDS Mehtod, APHA	0.10-5mg/L
68	Packaged Drinking water & Natural Mineral Water	Colour	BDS 1240: 2001, App-B ISO 7887-B, C :2011	0.5-10 Hazen unit Colour (m-1) 0.1;0.1;0.1- 150; 150; 150 LOD: 0.1;0.1;0.1
69	Packaged Drinking water & Natural Mineral Water	Odour	BDS 1414:2000, App-B	Qualitative
70	Packaged Drinking water & Natural Mineral Water	Taste	BDS 1414:2000, APHA 2160,2012	Qualitative
71	Packaged Drinking water & Natural Mineral Water	Turbidity	BDS 1414:2000, App-U/ Instruction Manual of Turbidimeter	0.1-1100 NTU
72	Packaged Drinking water & Natural	Nitrite	APHA,4500-NO ₂ ,	0.005-1mg/L


Quality Manager

SCOPE OF ACCREDITATION

(For Testing Laboratory)

CAB Name & Address: ITS Labtest Bangladesh Ltd., Dhaka Lab
Phoenix Tower (2nd & 3rd Floor), 407, Tejgaon, Dhaka-1208
Accreditation Standard: ISO/IEC 17025:2017 **Accreditation Date:** 26 November 2013
Certificate Number: 01.008.13 **Issued on:** 18 May 2025 (4th Renewal)
Last Amended on: NA **Valid until:** 25 November 2025
Amendment no: NA

S.N.	Products/ Materials/ Items of test	Type of tests performed	Specifications/ Standard test methods/Techniques used	Range of testing/Limit of detection
------	--	-------------------------	---	---

	Mineral Water			
73	Packaged Drinking water & Natural Mineral Water	Nitrate	APHA,4500-NO3 DIN 38405-9	0 -50mg/L

FIELD: MECHANICAL TESTS

TEXTILE MATERIALS

74	Fabric & Garment	Tensile Strength & Elongation- Strip Method	BS EN ISO 13934 -1- 2013 EN ISO 13934 -1 - 2013 ISO 13934 -1- 2013 ASTM D 5035- 2011 (2019) AS 2001.2.3.1- 2001 (R2016) CAN/CGSB-4.2 No 9.1 M-90 (R 2013) CAN/CGSB -4.2 No. 9.6- 93(R2013) JIS L 1096- 2010/A 1- 2020 GB/T 21294-2014 GB/T 3923.1-2013	10 N- 4.5 kN (2.2 -1011 lbs) 1% to 100%
		Tensile Strength & Elongation- Grab Method	BS EN ISO 13934- 2 -2014 EN ISO 13934- 2 -2014 ISO 13934- 2-2014	10 N- 4.5 kN 1% to 100%
			ASTM D 5034- 2021 AS 2001.2.3.2-2001 (R 2016) JIS L 1096- 2010/A 1- 2020 GB/T 3923.2-2013 GB/T 21294-2014 CAN/CGSB-4.2 No 9.2 M- 90 (2013)	10 N- 4.5 kN 1% to 100%
75		Tear Strength- Elmendorf	BS EN ISO 13937-1- 2000 EN ISO 13937-1- 2000 ISO 13937-1- 2000 ASTM D 1424- 2021 AS 2001.2.8- 2001 (R2016) JIS L 1096- 2010/A 1- 2020 GB/T 3917.1-2009 CAN/CGSB-4.2 No 12.3- 2005(R2013)	1.6 N-115 N (0.35-25.3 lb)
		Tear Strength- Tensile	BS EN ISO 13937-2- 2000 EN ISO 13937-2- 2000 ISO 13937- 2- 2000 BS EN ISO 13937-3- 2000 EN ISO 13937-3- 2000 ISO 13937-3- 2000 BS EN ISO 13937-4- 2000 ASTM D 2261-2013 (R2017) e1 JIS L 1096- 2010/A 1- 2020	10 N- 4.5 kN (1.12 -1011 lbs)


Quality Manager

SCOPE OF ACCREDITATION

(For Testing Laboratory)

CAB Name & Address: ITS Labtest Bangladesh Ltd., Dhaka Lab
Phoenix Tower (2nd & 3rd Floor), 407, Tejgaon, Dhaka-1208
Accreditation Standard: ISO/IEC 17025:2017 **Accreditation Date:** 26 November 2013
Certificate Number: 01.008.13 **Issued on:** 18 May 2025 (4th Renewal)
Last Amended on: NA **Valid until:** 25 November 2025
Amendment no: NA

S.N.	Products/ Materials/ Items of test	Type of tests performed	Specifications/ Standard test methods/Techniques used	Range of testing/Limit of detection
76	Fabric & Garment	Dimensional Stability to Washing	GB/T 3917.2-2009 ASTM D 5587- 15 (R2019) BS EN ISO 6330- 2021 ISO 6330- 2021 BS EN ISO 5077- 2008 EN ISO 5077- 2008 ISO 5077- 2007 BS EN ISO 3759- 2011 ISO 3759- 2011 AATCC TM135- 2018t AATCC TM150- 2018t AS 2001.5.4 -2005 (R2016) AATCC TS-006 AATCC LP2-2018(2020)	- 50% to 50%
77	Fabric & Garment	Water Resistance Impact Penetration	AATCC TM 42- 2017e	0.01 to 50 g
78	Textile & Textile Products	Ignitability of bedding items	ISO 12952-1:2010	Qualitative
79	Textile & Textile Products Furniture & seating materials	Ignitability of upholstered composites for seating	BS 5852 Part-2:1982 BS 5852 Part-1: 1979	Qualitative Time: 0-60 min Mass: 0-200gm Dimension: 0-100cm
80	Fiber	Fibre Length For Terry Towel	BS ISO 6989: 1981 Method A	1mm- 100mm
81	Carpets & Rugs	Flame resistance of soft floor coverings	CAN/CGSB-4.2 No. 27.6 16 CFR 1630/1631	0 Inch -5.0 Inch
82	Yarn	Hairiness of Yarns	ASTM D5647-07 (2018)	0 to 99,999
83	Fabric & Garment	Down-proof properties	BS EN 12132-1: 1999	0 to 100
84	Footwear & Accessories	Static Slip Resistance	ASTM F 609- 2005 (2013)	0.001 N to 26.7 N
85	Footwear & Accessories	Ageing Resistance	GB/T 3512 2014 ISO 188:2023	For Hardness, 0 ~ 100 Shore A, For DS Change, - 50% to +50%

END


Quality Manager

SCOPE OF ACCREDITATION

(For Testing Laboratory)

CAB Name & Address: ITS Labtest Bangladesh Ltd., Dhaka Lab
Phoenix Tower (2nd & 3rd Floor), 407, Tejgaon, Dhaka-1208

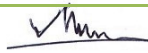
Accreditation Standard: ISO/IEC 17025:2017 **Accreditation Date:** 26 November 2013

Certificate Number: 01.008.13 **Issued on:** 18 May 2025 (4th Renewal)

Last Amended on: 15 September 2026 **Valid until:** 25 November 2027

Amendment no: 02

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 TESTS				
I. TEXTILE (WOVEN & NONWOVEN)				
1	A. Yarns & Cords B. Finished Fabric C. Apparels/ Garments D. Made- ups E. Terry Fabrics & its products	Colour Fastness to Washing and Laundering	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 AATCC TM61-2013e(2020) AS 2001.4.15-2006 (R2016) JIS L 0844- 2011 GB/T 3921- 2008 GB/T 12490- 2014 CAN/CGSB-4.2 No 19.1- 2004 (R2013) CAN/CGSB 4.2 No. 19.2- 2003	Grade: 1-5 ±0.5 grade
2	A. Yarns & Chords B. Grey Fabric C. Finished Fabric D. Apparels/ Garments E. Made-ups Terry Fabrics & its products	Fiber Composition (Composition in weight %) Fiber Identification	ISO 1833 Part- 1, 2, 3, 12, 18, 22- 2020, 5, 8- 2006, 6, 20- 2018, Part- 10, 14, 16, 17, 21- 2019 Part-4, 7, 11- 2017 BS EN ISO 1833 Part- 1, 2, 3, 12, 17, 18- 2020, 5,8- 2010, 22- 2021 Part- 6, 10, 14, 16, 20, 21- 2019 Part-4, 7, 11- 2017 AATCC TM20A- 2021 AS 2001.7- 2005 (R2016) GBT/T (2910.1, 2910.4, 2910.6, 2910.8, 2910.11, 2910.12, 2910.20, 2910.22)- 2009 CAN/CGSB 4.2 No. 14-2005 SASO 781- 1994 SASO 1173- 1998 ASTM D629- 2015 EU 1007- 2011	0.5 to 100%
3	A. Finished Fabric B. Apparels/ Garment	Ultraviolet Protection Factor (UPF)	AS/NZS 4399- 2020 (R2025) BS EN 13758-1- 2002	10-1000 UPF


Quality Manager

SCOPE OF ACCREDITATION

(For Testing Laboratory)

CAB Name & Address: ITS Labtest Bangladesh Ltd., Dhaka Lab
Phoenix Tower (2nd & 3rd Floor), 407, Tejgaon, Dhaka-1208

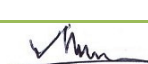
Accreditation Standard: ISO/IEC 17025:2017 **Accreditation Date:** 26 November 2013

Certificate Number: 01.008.13 **Issued on:** 18 May 2025 (4th Renewal)

Last Amended on: 15 September 2026 **Valid until:** 25 November 2027

Amendment no: 02

S.N.	Products/ Materials/ Items of test	Type of tests performed	Specifications/ Standard test methods/Techniques used	Range of testing/Limit of detection
	C. Made- ups D. Terry Fabrics & its products		AATCC TM 183- 2020 ASTM D 6544- 2025 ASTM D 6603- 2019 GB/T 18830- 2009	
4	Textile & Textile Products	Cool Feeling Performance Test	GB/T 35263- 2017	(0.01-0.3) J/(cm ² .s)
5	Jute	Oil Content Unsaponifiable Matter	IJO Standard 98/01 (Revised 2005)	0.1 – 100% 0.1-10,000 mg/kg
II. HAZARDOUS AND RESTRICTED CHEMICALS				
6	A. Textile & Textile Products B. Paints C. Prints D. Leather	Banned Aryl Amines from Azo Dyes Content [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-Naphthylamine (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); 3,3'- Dimethoxybenzidine (119-90-4); 2,4-Xylidine (95-68-1); 2,6-Xylidine (87-62-7); P-Aminoazobenzene (60-09-3); 4-chloro-o-toluidinium chloride(3165-93-3) ; 2-Naphtylammoniumacetate (553-00-4) ; 4-methoxy-m-phenylene diammonium sulphate(39156-41-7) ; 2,4,5-trimethylaniline hydrochloride (21436- 97-5) ; Aniline (62-53-3)	BS EN ISO 14362 part-1-2017 BS EN ISO 14362 part-3-2017 GB/T 17592- 2011 BS EN ISO 17234-1: 2020 BS EN ISO 17234-2: 2011	5 to 1000 mg/kg MDL: 0.5 mg/L
7	A. Textile & Textile Products	APEOs Content	BS EN ISO 18254-1-2016	5 to 5000 mg/kg


Quality Manager

SCOPE OF ACCREDITATION

(For Testing Laboratory)

CAB Name & Address: ITS Labtest Bangladesh Ltd., Dhaka Lab
Phoenix Tower (2nd & 3rd Floor), 407, Tejgaon, Dhaka-1208

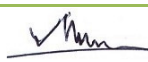
Accreditation Standard: ISO/IEC 17025:2017 **Accreditation Date:** 26 November 2013

Certificate Number: 01.008.13 **Issued on:** 18 May 2025 (4th Renewal)

Last Amended on: 15 September 2026 **Valid until:** 25 November 2027

Amendment no: 02

S.N.	Products/ Materials/ Items of test	Type of tests performed	Specifications/ Standard test methods/Techniques used	Range of testing/Limit of detection
	B. Paints C. Prints Leather Products	Nonylphenolethoxylates (NPEOs) Octylphenolethoxylates (OPEOs) AP Content NP (Nonylphenol) OP (Octylphenol)	EN ISO 18218-1- 2023 EN ISO 21084- 2019 ISO 18254-2:2018 ASTM D7742-17	MDL: 0.5 mg/L
8	A. Textile & Textile Products Leather Products	Cationic Surfactants Distearyldimethyl ammoniumchloride (DSDMAC); Ditalowdimethyl ammoniumchloride (DTDMAC); Dihydrogenated tallowdimethyl ammoniumchloride (DHTDMAC)	In House Method SOP No.: SOP/AM/018, I-1, R-2 Harmonized SOP: HSOP: C037.TP-I-2 US EPA Method 3550C:2007	10 to 5000 mg/kg LOD: 0.50 mg/L
9	A. Textile & Textile Products Leather Products	Chloroparaffins (SCCP & MCCP) Short chained (SCCPs) C10-C13; Medium chained (MCCPs) C14-C17	Harmonized SOP: C023.TP, I-4 ISO 22818:2021 (SCCP + MCCP) (Textile) ISO 18219-1:2021 (SCCP) ISO 18219-2:2021 (MCCP) (Leather)	10 to 5000 mg/kg LOD: 1.0 mg/L
10	Textile & Textile Products Leather Products Plastic & Polymer	Per & Polyfluorinated Compounds (PFAS) Content: EtFOSE; PF-3,7-DMOA; PFUdA; 1H,1H,2H,2H-PFOS;; PFDoA; MeFOSA; PFOA; PFDA; H4PFUnA; PFNA; PFTeDA; EtFOSA; 4HPFUnA ; PFTrDA; PFOSA; PFOS; 7H-Dodecanefluoroheptane Acid; 2H,2H-Perfluorodecane carboxylate; 1H,1H,2H,2H Perfluorooctanesulphonic acid; HPFHpA; PFPeA; PFHxA; PFHxS; PFBA; PFBS; PFHpA; PFHpS; 6:2 FTOH; 4:2 FTOH; 10:2 FTOH; 8:2 FTOH; 6:2 FTA; 10:2 FTA; 8:2 FTAPFOS-K; PFOS-Li; PFOS-NH4; PFOS-NH(OH)2; PFOS- N(C10H21)2(CH3)2; N-Me-FOSE; POSF; PFOSA; PFOA-Na; PFOA-K; PFOA-Ag; PFOA-F; APFO; 8:2FTS; Me- PFOA; Et-PFOA; 8:2FTMA; H2PFDA; PFHxS-K; PFHxS-Li; PFHxS-NH4; PFHxS-Na; N-Me-FHxSA; PFHxSA;	Harmonized SOP: C016.TP, I-12 C025.TP, I-07 C041.TP, I-3 CEN/TS 15968- 2014 EN ISO 23702-1- 2023 EN 17681-2- 2022 EN 17681-1- 2025	0.025 to 1000 mg/kg LOD: 0.0005 mg/L


Quality Manager

SCOPE OF ACCREDITATION

(For Testing Laboratory)

CAB Name & Address: ITS Labtest Bangladesh Ltd., Dhaka Lab
Phoenix Tower (2nd & 3rd Floor), 407, Tejgaon, Dhaka-1208

Accreditation Standard: ISO/IEC 17025:2017 **Accreditation Date:** 26 November 2013

Certificate Number: 01.008.13 **Issued on:** 18 May 2025 (4th Renewal)

Last Amended on: 15 September 2026 **Valid until:** 25 November 2027

Amendment no: 02

S.N.	Products/ Materials/ Items of test	Type of tests performed	Specifications/ Standard test methods/Techniques used	Range of testing/Limit of detection
		PFDaA; PFTrDA; PFTeDA; 10:2 FTMA; H4PFUnA; 12:2 FTOH; 10:2 FTS; 10:2 FTI; 12:2 FTI; 6:2 FTS; PFBS; PFHpS; PFDS; PFBA; PFPeA; PFHpA; HPFO- DA; 7HPFHpA; 4:2 FTS		
11	A. Textile & Textile Products Leather Products	Total Heavy Metals Content Al,As, B, Cd ,Co, Cr ,Cu, Ba, Hg, Mn, Pb, Ni, Sb, Se, Zn, Sn ,Be	In House Method SOP No: SOP/AM/003, I-1, R-4 USEPA 3051A (modified) USEPA 3052 (modified) CPSC-CH-E1001-08.3 CPSC-CH-E1002-08.3 CPSC-CH-E1003-09.1 ASTM E1645- 2021 BS-EN 16711-1: 2015 ISO 17072-2:2019	1 to 5000 mg/kg LOD: 0.10 mg/L
12	A. Textile & Textile Products B. Leather Products	Flame retardant Per eco-Textile: PBDEs(Various), PBB(Various), Tris-(2,3-dibromopropyl)-phosphate (TRIS)(126-72-7), TEPA(545-55-1), HBCDD(25637-99-4 / 3194-55-6), TCEP(115-96-8), TBBPA(79-94-7), BBMP(3296-90-0), Bis(Tert-butylphenyl)phosphate (65652- 41-7), Tris(2chloroisopropyl) phosphate(TCPP)(13674-84-5), Tris(1,3-dichloroisopropyl) phosphate(13674-87-8), Bis(2,3-dibromopropyl) phosphate(5412-25-9). Hexabromobiphenyl(PBB)(59536-65-1) Trixylyl phosphate (TXP) (25155-23-1) Decabromodiphenyl ethane (DBDPE)(84852-53-9)	Harmonized SOP: C019 TP I-1 Harmonized SOP: C050 TP I-2 ISO 17881-1: 2016 ISO 17881-2:2016	5-1000 mg/Kg MDL: 10 µg/l
13	A. Textile & Textile Products B. Leather Products	Thiourea	Harmonized SOP C068 TP I-1	50-1000 mg/kg MDL:50 mg/kg
14	A. Textile & Textile Products B. Leather	Permethrin	Harmonized SOP C066 TP I-2 USEPA 8270E Solvent extraction, followed by GC-MS ISO 14154:2005	250-1000 mg/kg MDL:0.5 mg/L

Quality Manager

SCOPE OF ACCREDITATION

(For Testing Laboratory)

CAB Name & Address: ITS Labtest Bangladesh Ltd., Dhaka Lab
Phoenix Tower (2nd & 3rd Floor), 407, Tejgaon, Dhaka-1208

Accreditation Standard: ISO/IEC 17025:2017 **Accreditation Date:** 26 November 2013

Certificate Number: 01.008.13 **Issued on:** 18 May 2025 (4th Renewal)

Last Amended on: 15 September 2026 **Valid until:** 25 November 2027

Amendment no: 02

S.N.	Products/ Materials/ Items of test	Type of tests performed	Specifications/ Standard test methods/Techniques used	Range of testing/Limit of detection
	Products		ISO 22517- 2019	
15	A. Textile & Textile Products B. Leather Products	Bisphenols Bisphenol-A (CAS:80-05-7) Bisphenol-S (CAS:80-09-1) Bisphenol-F (CAS:620-92-8) Bisphenol AF (CAS:1478-61-1) Bisphenol B (CAS:77-40-7)	Harmonized SOP C011.TP I-9 AFIRM RSL Testing ASTM D7574-23 ISO18857-2-2009(R2015) ISO11936-2023	0.1-100 mg/kg MDL: 0.1 mg/L
16	A. Textile & Textile Products B. Leather Products	Styrene (CAS:100-42-5)	In House SOP SOP/AM/049 AFIRM RSL Testing	50-1000 mg/kg MDL: 1 mg/L
17	A. Textile & Textile Products B. Leather Products	AEAA [2-(2-aminoethylamino)ethanol]	HSOP: C069.TP, I-2 Tran et al.: JOURNAL of AOAC INTERNATIONAL, Vol, 97, No. 1, 2014	50-1000 mg/kg MDL: 0.1 mg/L
18	A. Textile & Textile Products B. Leather Products	UV Absorbers / Stabilizers UV-350 (36437-37-3) UV-320 (3846-71-7) UV-327 (3864-99-1) V-328 (25973-55-1) Drometrizole (2440-22-4)	HSOP: C070.TP, I-2 DIN EN 62321-6:2016-05 (Extraction in THF, analysis by GC/MS) USEPA 8270 ISO 22032, USEPA 527 and USEPA 8321B. Dichloromethane extraction GC-MS or LC-MS(-MS) ISO 24040: 2022	100-1000 mg/kg MDL: 0.5 mg/L
19	A. Textile & Textile Products Chemical	Diazene-1,2-dicarboxamide (ADCA)	Harmonized SOP C080.TP Issue-1	25-5000 MDL: 2.5 mg/L
20	A. Textile & Textile Products B.Chemical	Cyclopolsiloxanes D4, D5, and D6	Harmonized SOP C079.TP, Issue-1 Testing instruction TEGEWA method – quantitative determination of D4 in chemicals (Revision: June 2021)	25-5000 MDL:0.25 µg/mL
21	A. Textile & Textile Products Chemical	Formamide, Acetophenone, 2-Phenyl-2- Propanole,	Harmonized SOP C013.TP, Issue 1	5-1000 MDL:0.1 µg/mL
22	Food Contact Material - Ceramics - Plastic	Leachable/Extractable Lead (Pb), Cadmium (Cd) & Arsenic (As)	Japan Specifications and Standards for Food, Food Additives, etc. (1959 MHW Notice No. 370) with Amendments up to 2010 MHLW Notice No. 336 - EN 1388-1: 1995 - EN 1388-2: 1995 MERCOSUR/GMC/RES N° 55/92	Cd: 0.03-5 mg/L, Pb: 0.05-5 mg/L As: 0.001-5 mg/kg

Quality Manager

SCOPE OF ACCREDITATION

(For Testing Laboratory)

CAB Name & Address: ITS Labtest Bangladesh Ltd., Dhaka Lab
Phoenix Tower (2nd & 3rd Floor), 407, Tejgaon, Dhaka-1208

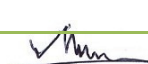
Accreditation Standard: ISO/IEC 17025:2017 **Accreditation Date:** 26 November 2013

Certificate Number: 01.008.13 **Issued on:** 18 May 2025 (4th Renewal)

Last Amended on: 15 September 2026 **Valid until:** 25 November 2027

Amendment no: 02

S.N.	Products/ Materials/ Items of test	Type of tests performed	Specifications/ Standard test methods/Techniques used	Range of testing/Limit of detection
23	Food Contact Material - Ceramics - Plastic	Overall Migration	BS EN 1186-1:2002 BS EN 1186-3:2022 MERCOSUR/GMC/RES N° 55/92	10 - 5000 mg/kg 0 - 5000 mg/dm ²
24	A. Textile & Textile Products B. Leather Products	Total Fluorine	ASTM D 7359-23 BS EN14582-2016	20 to 5000 mf/kg LOD: 10 mg/kg
25	Leather Products	Formaldehyde Content	BS EN ISO 17226-1: 2021 BS EN ISO 17226-2:2019	5-5000 mg/kg MDL: 0.05 mg/L
26	Toys & plastic products Packaging Materials	Toxic Elements Analysis [Lead, cadmium, mercury & chromium(VI)]	U.S. Toxics in Packaging Clearinghouse (TPCH) In-House test method SOP-AM-070	5 to 1000 mg/kg MDL: 5 mg/kg
27	Textile, Toys & plastic products	Chemicals High Concern to Children (CHCC)	Washington Administrative Code (WAC) 173-334-080, collectively defined as CHCCs. In-House test method SOP-AM-069	30 to 1000 mg/kg MDL: 30 mg/kg
III. WASTE WATER :				
28	Wastewater	Total Suspended Solids (TSS)	USEPA -160.2 :1971, SM2540D (23 rd Edition)	4-10000 mg/L LOD= 4 mg/L
29	Wastewater	Biological Oxygen Demand (BOD)	SM 5210B (23 rd Edition), SM 5210D (23 rd Edition) & USEPA 405.1 :1974	5-5000 mg/ L LOD= 5 mg/L
30	Wastewater	Chemical Oxygen Demand (COD)	USEPA 410.4 :1993, ISO 6060 :1989, SM 5220D (23 rd Edition), Validated Cuvette Method	10 - 50000 mg/L LOD= 10 mg/L
31	Wastewater & Sludge	pH	USEPA-150.1 :1978 USEPA SW 9045D: 2004	0 to 14
32	Wastewater	Temperature [°C]	USEPA 170.1 :1974	0 -100 LOD: 0
33	Wastewater	Total Nitrogen	ISO 5663 :1984, USEPA 351.2 :1993, ISO 11905-1 :1997, SM 4500N-C (23 rd Edition)	1 -100 mg/L LOD: 1 mg/L


Quality Manager

SCOPE OF ACCREDITATION

(For Testing Laboratory)

CAB Name & Address: ITS Labtest Bangladesh Ltd., Dhaka Lab
Phoenix Tower (2nd & 3rd Floor), 407, Tejgaon, Dhaka-1208

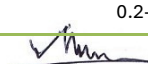
Accreditation Standard: ISO/IEC 17025:2017 **Accreditation Date:** 26 November 2013

Certificate Number: 01.008.13 **Issued on:** 18 May 2025 (4th Renewal)

Last Amended on: 15 September 2026 **Valid until:** 25 November 2027

Amendment no: 02

S.N.	Products/ Materials/ Items of test	Type of tests performed	Specifications/ Standard test methods/Techniques used	Range of testing/Limit of detection
34	Wastewater	Colour [m-1](436, 525, 620 nm) Colour (mg Pt/L)	ISO 7887-B, C :2011	Colour (m-1) 0.1;0.1;0.1- 150; 150; 150 LOD: 0.1;0.1;0.1 Colour (mg Pt/L) 2-5000 (mg Pt/L) LOD: 2 (mg Pt/L)
35	Wastewater	Ammonium Nitrogen	ISO 11732 :2005, ISO 7150-1:1984, USEPA 350.1 :1993, SM 4500 NH3-F (23 rd Edition)	0.3 - 100 mg/L LOD: 0.3 mg/L
36	Wastewater	Total Phosphorus	ISO 11885 :2007, USEPA 200.8 : 1994	0.04 – 50 mg/L LOD: 0.04 mg/L
37	Wastewater	AOX	ISO 9562 :2004, USEPA 1650 :1997	0.1 -20 mg/L LOD: 0.1 mg/L
38	Wastewater	Oil and Grease	ISO 9377-2 :2000, USEPA 1664 revision B :2010	0.5- 500 mg/L LOD: 0.5 mg/L
39	Wastewater	Phenol	ISO6439: 1990, SM 5530 B/C/D (23 rd Edition) IS 3025 (Part 43): 1992	0.001-10 mg/L LOD:0.001 mg/L
40	Wastewater	Foam	Visual	NA
41	Wastewater & Sludge	Cyanide	ISO 6703-1,2,3 :1984, - USEPA 335.2 :1980, SM 4500-CN (23 rd Edition), USEPA 9013 :2014, USEPA 9014 :2014	Wastewater: 0.05-5 mg/L LOD: 0.05 mg/L Sludge: 10 - 500 mg/kg LOD: 10 mg/kg
42	Wastewater	Sulphide	ISO 10530 :1992, SM 4500-S2-D (23 rd Edition)	0.01-10.0 mg/L LOD:0.01 mg/L
43	Wastewater	Sulphite	USEPA 377.1 :1978,	0.2-20 mg/L


Quality Manager

SCOPE OF ACCREDITATION

(For Testing Laboratory)

CAB Name & Address: ITS Labtest Bangladesh Ltd., Dhaka Lab
Phoenix Tower (2nd & 3rd Floor), 407, Tejgaon, Dhaka-1208

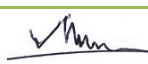
Accreditation Standard: ISO/IEC 17025:2017 **Accreditation Date:** 26 November 2013

Certificate Number: 01.008.13 **Issued on:** 18 May 2025 (4th Renewal)

Last Amended on: 15 September 2026 **Valid until:** 25 November 2027

Amendment no: 02

S.N.	Products/ Materials/ Items of test	Type of tests performed	Specifications/ Standard test methods/Techniques used	Range of testing/Limit of detection
			SM 4500-SO3 (23 rd Edition), ISO 10304-3: 1997	LOD:0.2 mg/L
44	Wastewater & Sludge	Glycols	USEPA 8270D,E:2018, ISO 22892 :2006	0.05-100 mg/L LOD:0.05 mg/L
45	Wastewater & Sludge	Halogenated Solvents	USEPA 8260B,D :1996, USEPA 5035A :1996, USEPA 5021A :2014, USEPA 8010B :1994	0.001-100 mg/L LOD: 0.001 mg/L
46	Wastewater & Sludge	Volatile Organic Compounds (VOC)	ISO 11423-1 :1997, USEPA 8270D :2014, USEPA 5035A :1996, USEPA 5021A :2014, USEPA 8260B,D :1996, DIN 38407-43 :2014 EN 13130- 2004 ISO 16189:2021	0.001-100 mg/L LOD: 0.001 mg/L
47	Wastewater & Sludge	Heavy Metals	ISO 11885 :2007, ISO 18412 :2005, USEPA 200.8 :1994, USEPA 6010c:2000, USEPA 6020a :1998, USEPA3060A :1996, USEPA 7196 :1992, USEPA 3050 :1996, USEPA 6010D :2018, US EPA 6020B :2014, US EPA 3051A :2007, USEPA1311 :1992, and ICP-MS, ICP-OES and UV/VIS analysis	Wastewater: 0.0005 - 5000 mg/L LOD: (Sb, Total Cr, Co, Ni, Zn, Pb, Mn, Cu, Ba, Se, Sn, B)- 0.01 mg/L (Ag, As)- 0.005 mg/L (Cr (VI), Cd) 0.001 mg/L (Hg)- 0.0005 mg/L Sludge: 0.2- 5000 mg/Kg LOD: Total Cr, Co, Ni, Ag, Zn, Cr(VI), Mn, Cu, Ba, Sn)- 10 mg/Kg, (As, Pb, Se, Sb)- 2 mg/Kg (Cd,Hg)- 0.2 mg/Kg
48	Wastewater	Total Dissolved Solids (TDS)	SM 2540-C (23 rd Edition), USEPA 160.1: 1971, TDS Meter	1-5000 mg/L LOD: 1 mg/L


Quality Manager

SCOPE OF ACCREDITATION

(For Testing Laboratory)

CAB Name & Address: ITS Labtest Bangladesh Ltd., Dhaka Lab
Phoenix Tower (2nd & 3rd Floor), 407, Tejgaon, Dhaka-1208

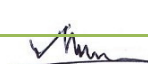
Accreditation Standard: ISO/IEC 17025:2017 **Accreditation Date:** 26 November 2013

Certificate Number: 01.008.13 **Issued on:** 18 May 2025 (4th Renewal)

Last Amended on: 15 September 2026 **Valid until:** 25 November 2027

Amendment no: 02

S.N.	Products/ Materials/ Items of test	Type of tests performed	Specifications/ Standard test methods/Techniques used	Range of testing/Limit of detection
49	Wastewater	Electrical Conductivity	USEPA 120.1: 1982	2 -10000 µS/cm LOD: 2 µS/cm
50	Wastewater	Chloride	SM 4500-Cl ⁻ -B, E (23 rd Edition), ISO 10304-1 : 2007	10-1000 mg/L LOD: 10 mg/L
51	Wastewater	Sulphate	SM 4500-SO ₄ ²⁻ -E (23 rd Edition), USEPA 375.4 : 1978, ISO 10304-1 : 2007	10-1000 mg/L LOD: 10 mg/L
52	Wastewater	Total Hydrocarbons	USEPA 1664-B : 2010, -SM 5520-F (23 rd Edition)	1-50 mg/L LOD: 1 mg/L
53	Wastewater	Carbon disulfide (CS ₂)	USEPA 8260B : 1996, ISO 15680 : 2003; ISO 11423-2 : 1997	0.1-10 mg/L LOD: 0.1 mg/L
54	Sludge	Dry Mass (Total Solids)	USEPA 160.3: 1971	1-100 % LOD: 1%
55	Wastewater	Dissolved Oxygen (DO)	EPA 360.1: 1971, SM 4500-O-G (23 rd Edition)	N/A
56	Wastewater	Total Chlorine	ISO 7393-2: 2018, USEPA 330.5: 1978, SM 4500-Cl-G (23 rd Edition)	0.2- 50 mg/L LOD: 0.2 mg/L
57	Sludge	Paint Filter Test	USEPA SW-846: 1996, USEPA 9095B: 2004	Qualitative
58	Wastewater	Flowrate	ZDHC Wastewater Guidelines	N/A
59	Wastewater & Sludge	APEOs & APs Content	NP/OP: ISO 18857-2: 2009 (modified dichloromethane extraction) or ASTM D7065: 2011 (GC-MS or LC-MS(-MS)) OPEO/NPEO (n>2): ASTM D7742: 2017 ISO 18857-2: 2009	5-1000 µg/L MDL:5 µg/L
60	Wastewater & Sludge	Polycyclic Aromatic Hydrocarbons (PAHs)	USEPA 8270E DIN 38407-39: 2011 Solvent extraction GC-MS	1-1000 µg/L MDL:1 µg/L
61	Wastewater & Sludge	Chlorobenzene & Chlorotoluene	USEPA 8260D, 8270E, Purge and Trap, Head Space Dichloromethane extraction followed by GC-MS	0.2 -1000 µg/L MDL:0.2 µg/L


Quality Manager

SCOPE OF ACCREDITATION

(For Testing Laboratory)

CAB Name & Address: ITS Labtest Bangladesh Ltd., Dhaka Lab
Phoenix Tower (2nd & 3rd Floor), 407, Tejgaon, Dhaka-1208

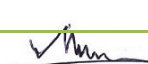
Accreditation Standard: ISO/IEC 17025:2017 **Accreditation Date:** 26 November 2013

Certificate Number: 01.008.13 **Issued on:** 18 May 2025 (4th Renewal)

Last Amended on: 15 September 2026 **Valid until:** 25 November 2027

Amendment no: 02

S.N.	Products/ Materials/ Items of test	Type of tests performed	Specifications/ Standard test methods/Techniques used	Range of testing/Limit of detection
IV. FOOD TESTING				
62	Fruit Juice/ Fruit Drinks/ Fruit Squash/ Fruit Syrup/ Artificial Flavoured Drinks/ Fruit Cordial & Beverages Jam, Jelly, Marmalade/ Pickle/ Chutney/ Edible Jel/ Tomato Paste/ Tomato Ketchup Biscuits/ Protein- Rich Biscuit/ Chanachur/ Noodles	Total heavy Metal: Arsenic (as As) , Lead (as Pb) , Copper (as Cu) , Zinc (as Zn) , Tin (as Sn) , Iron (Fe) Cadmium (as Cd) Nickel (Ni)	AOAC 986.15 AOAC 999.10 AOAC 980.19 AOAC 971.2	As=5-2000 µg/kg Pb=5-2000 µg/kg Cu=0.5-10 mg/kg Zn=0.25-10 mg/kg Sn=5.0-25000 µg/kg Fe=0.25-50 mg/kg Cd=0.25-1000 µg/kg Ni=5-1000µg/kg
63	Fruit Juice/ Fruit Drinks/ Fruit Squash/ Fruit Syrup/ Artificial Flavoured Drinks/ Fruit Cordial & Beverages Jam, Jelly, Marmalade/ Pickle/ Chutney/ Edible Jel/ Tomato Paste/ Tomato Ketchup Biscuits/ Protein- Rich Biscuit/ Chanachur/ Noodles	pH Value	AOAC 981.12	1.00-14.00
64	Packaged Drinking water & Natural Mineral Water	Total Dissolved Solid (TDS)	AOAC 973.40 AOAC 932.12	0.00-19900.00 mg/L
65	Packaged Drinking water & Natural Mineral Water	Conductivity	AOAC 973.40	0-199.9 ms
66	Packaged Drinking water & Natural Mineral Water	pH	AOAC 973.41	1.00-14.00


Quality Manager

SCOPE OF ACCREDITATION

(For Testing Laboratory)

CAB Name & Address: ITS Labtest Bangladesh Ltd., Dhaka Lab
Phoenix Tower (2nd & 3rd Floor), 407, Tejgaon, Dhaka-1208

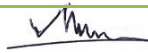
Accreditation Standard: ISO/IEC 17025:2017 **Accreditation Date:** 26 November 2013

Certificate Number: 01.008.13 **Issued on:** 18 May 2025 (4th Renewal)

Last Amended on: 15 September 2026 **Valid until:** 25 November 2027

Amendment no: 02

S.N.	Products/ Materials/ Items of test	Type of tests performed	Specifications/ Standard test methods/Techniques used	Range of testing/Limit of detection
67	Packaged Drinking water & Natural Mineral Water	Total Hardness as CaCO ₃	SM 2340(23 rd Edition) ISO 6059:1984 BDS1414 (Appendix-N)	1-500 mg/L
68	Packaged Drinking water & Natural Mineral Water	Chlorides (Cl)	SM 4500E-Cl AOAC 973.51 ISO 9297:1989	1-500 mg/L
69	Packaged Drinking water & Natural Mineral Water	Fluoride	D7359-23 4500-F.D. SPANDS Mehtod, APHA	0.10-5mg/L
70	Packaged Drinking water & Natural Mineral Water	Colour	BDS 1240: 2001, App-B ISO 7887-B, C :2011	0.5-10 Hazen unit Colour (m-1) 0.1;0.1;0.1- 150; 150; 150 LOD: 0.1;0.1;0.1
71	Packaged Drinking water & Natural Mineral Water	Odour	BDS 1414:2000, App-B	Qualitative
72	Packaged Drinking water & Natural Mineral Water	Taste	BDS 1414:2000, APHA 2160,2012	Qualitative
73	Packaged Drinking water & Natural Mineral Water	Turbidity	BDS 1414:2000, App-U/ Instruction Manual of Turbidimeter	0.1-1100 NTU
74	Packaged Drinking water & Natural Mineral Water	Nitrite	APHA,4500-NO ₂ ,	0.005-1mg/L
75	Packaged Drinking water & Natural Mineral Water	Nitrate	APHA,4500-NO ₃ DIN 38405-9	0 -50mg/L
76	Packaged Drinking water & Natural Mineral Water	Total Heavy Metal Copper (as Cu) Iron (Fe) Manganese (Mn) Zinc (as Zn), Lead (as Pb) Chromium (as Cr), Calcium(Ca) Selenium(Se) Nickel(Ni)	AOAC 977.22 AOAC 993.14	Cu=0.1-160 µg/L Fe=0.1-160 µg/L Mn=0.1-160 µg/L Zn=0.1-5000 µg/L Pb=0.1-160 µg/L Cr=0.1-160 µg/L Ca=0.1-5000 µg/L Se=0.1-160 µg/L Ni=0.1-160 µg/L Cd=0.1-160 µg/L


Quality Manager

SCOPE OF ACCREDITATION

(For Testing Laboratory)

CAB Name & Address: ITS Labtest Bangladesh Ltd., Dhaka Lab
Phoenix Tower (2nd & 3rd Floor), 407, Tejgaon, Dhaka-1208

Accreditation Standard: ISO/IEC 17025:2017 **Accreditation Date:** 26 November 2013

Certificate Number: 01.008.13 **Issued on:** 18 May 2025 (4th Renewal)

Last Amended on: 15 September 2026 **Valid until:** 25 November 2027

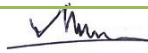
Amendment no: 02

S.N.	Products/ Materials/ Items of test	Type of tests performed	Specifications/ Standard test methods/Techniques used	Range of testing/Limit of detection
		Cadmium (as Cd) Mercury (Hg) Arsenic (as As) Barium (Ba) Sodium (Na) Magnesium (Mg) Borate as Boron(B)		Hg=0.1-2µg/L As=0.1-160 µg/L Ba=0.1-160 µg/L Na=0.1-5000 mg/L Mg=0.1-5000 mg/L

FIELD: MECHANICAL TESTS

I. TEXTILE MATERIALS

77	Fabric & Garment	Tensile Strength & Elongation- Strip Method	BS EN ISO 13934 -1- 2013 EN ISO 13934 -1 - 2013 ISO 13934 -1- 2013 ASTM D 5035- 2011 (2019) AS 2001.2.3.1- 2001 (R2016) CAN/CGSB-4.2 No 9.1 M-90 (R 2013) CAN/CGSB -4.2 No. 9.6-93(R2013) JIS L 1096- 2010/A 1- 2020 GB/T 21294-2014 GB/T 3923.1-2013	10 N- 4.5 kN (2.2 -1011 lbs) 1% to 100%
		Tensile Strength & Elongation- Grab Method	BS EN ISO 13934- 2 -2014 EN ISO 13934- 2 -2014 ISO 13934- 2-2014 ASTM D 5034- 2021 AS 2001.2.3.2-2001 (R 2016) JIS L 1096- 2010/A 1- 2020 GB/T 3923.2-2013 GB/T 21294-2014 CAN/CGSB-4.2 No 9.2 M- 90 (2013)	10 N- 4.5 kN 1% to 100%
78		Tear Strength- Elmendorf	BS EN ISO 13937-1- 2000 EN ISO 13937-1- 2000 ISO 13937-1- 2000 ASTM D 1424- 2021 AS 2001.2.8- 2001 (R2016) JIS L 1096- 2010/A 1- 2020 GB/T 3917.1-2009 CAN/CGSB-4.2 No 12.3-2005(R2013)	1.6 N-115 N (0.35-25.3 lb)
		Tear Strength- Tensile	BS EN ISO 13937-2- 2000 EN ISO 13937-2- 2000 ISO 13937- 2- 2000 BS EN ISO 13937-3- 2000 EN ISO 13937-3- 2000 ISO 13937-3- 2000 BS EN ISO 13937-4- 2000 ASTM D 2261-2013 (R2017) e1 JIS L 1096- 2010/A 1- 2020 GB/T 3917.2-2009	10 N- 4.5 kN (1.12 -1011 lbs)


Quality Manager

SCOPE OF ACCREDITATION

(For Testing Laboratory)

CAB Name & Address: ITS Labtest Bangladesh Ltd., Dhaka Lab
Phoenix Tower (2nd & 3rd Floor), 407, Tejgaon, Dhaka-1208

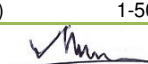
Accreditation Standard: ISO/IEC 17025:2017 **Accreditation Date:** 26 November 2013

Certificate Number: 01.008.13 **Issued on:** 18 May 2025 (4th Renewal)

Last Amended on: 15 September 2026 **Valid until:** 25 November 2027

Amendment no: 02

S.N.	Products/ Materials/ Items of test	Type of tests performed	Specifications/ Standard test methods/Techniques used	Range of testing/Limit of detection
			ASTM D 5587- 15 (R2019)	
79	Fabric & Garment	Dimensional Stability to Washing	BS EN ISO 6330- 2021 ISO 6330- 2021 BS EN ISO 5077- 2008 EN ISO 5077- 2008 ISO 5077- 2007 BS EN ISO 3759- 2011 ISO 3759- 2011 AATCC TM135- 2018t AATCC TM150- 2018t AS 2001.5.4 -2005 (R2016) AATCC TS-006 AATCC LP2-2018(2020)	- 50% to 50%
80	Fabric & Garment	Water Resistance Impact Penetration	AATCC TM 42- 2017e	0.01 to 50 g
81	Textile & Textile Products	Ignitability of bedding items	ISO 12952-1:2010	Qualitative
82	Textile & Textile Products Furniture & seating materials	Ignitability of upholstered composites for seating	BS 5852 Part-2:1982 BS 5852 Part-1: 1979	Qualitative Time: 0-60 min Mass: 0-200gm Dimension: 0-100cm
83	Fiber	Fibre Length for Terry Towel	BS ISO 6989: 1981 Method A	1mm- 100mm
84	Carpets & Rugs	Flame resistance of soft floor coverings	CAN/CGSB-4.2 No. 27.6 16 CFR 1630/1631	0 Inch -5.0 Inch
85	Yarn	Hairiness of Yarns	ASTM D5647-07 (2025)	0 to 99,999
86	Fabric & Garment	Down-proof properties	BS EN 12132-1: 1999	0 to 100
II. FOOTWEAR AND ACCESSORIES				
87	Footwear & Accessories	Slip Resistance	ASTM F 609- 2005 (2013) ASTM F3445-24 ASTM F2913-24	0.001 N to 26.7 N
88	Footwear & Accessories	Ageing Resistance	GB/T 3512 2014 ISO 188:2023	For Hardness, 0 ~ 100 Shore A, For DS Change, - 50% to +50%
89	Safety Footwear	Toe Impact Resistance & Metatarsal	ASTM F 2412-24, (5) & (7)	1-50 mm


Quality Manager

SCOPE OF ACCREDITATION

(For Testing Laboratory)

CAB Name & Address: ITS Labtest Bangladesh Ltd., Dhaka Lab
Phoenix Tower (2nd & 3rd Floor), 407, Tejgaon, Dhaka-1208

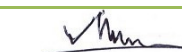
Accreditation Standard: ISO/IEC 17025:2017 **Accreditation Date:** 26 November 2013

Certificate Number: 01.008.13 **Issued on:** 18 May 2025 (4th Renewal)

Last Amended on: 15 September 2026 **Valid until:** 25 November 2027

Amendment no: 02

S.N.	Products/ Materials/ Items of test	Type of tests performed	Specifications/ Standard test methods/Techniques used	Range of testing/Limit of detection
		Impact Resistance Test		
90	Safety Footwear	Compression Resistance & Puncture Resistance Test	ASTM F 2412-24, (6) & (11)	1-50mm
91	Safety Footwear	Resistance to Electric Hazard	ASTM F 2412-24, (9)	0.001- 5 mA
92	Safety Footwear	Static Dissipative & Conductive Protective Test	ASTM F 2412-24, (10) & (8)	1*10 ⁶ Ω - 1*10 ⁸ Ω
93	Safety Footwear	Armor Plate Flexing Test	ASTM F 2412-24, (11.7) EN 12568-2010	1-9999999 Cycle
94	Footwear	Water Penetration Test	SATRA TM 77-2017	1-999999 Cycle
FIELD: FOOD & MICROBIOLOGICAL TESTS				
I. FOOD & MICROBIOLOGICAL ITEMS				
95	Water, Wastewater & Sludge	Fecal coliform	APHA 23rd chapter 9221 B-C, E; EPA Method 1681	1-1000 CFU /100 ml; 1-1000 MPN/gm
96	Water & Wastewater	E. coli	APHA 23rd chapter 9222G, SM9221 B, SM9221 F, SM9221 G; USP 43 NF 38 Chapter 1231	MPN/100 ml
97	A.Mask; B.Gown; C.Textile; D. Leather & Other Products	Antifungal Activity	AATCC TM30-2017e Test III (Part-3), ASTM D4576-16	Qualitative
98	A.Mask; B.Gown; C.Textile; D. Leather & Other Products	Mold Identification (Microscopic and/or Culture)	ASTM D7658-17	Qualitative
99	A.Mask; B.Gown; C.Textile; D. Leather & Other Products	Antibacterial Finishes on textile materials	AATCC 100: 2019 JIS 1902:2015 ISO20645-2004 (R2018) ISO 20743-2021 ASTM E2149-20 ISO 22196-2011	0 % to 100 %
100	A.Mask; B.Gown; C.Textile; D. Leather & Other	Antibacterial Finishes on Textile Materials: Parallel Streak	AATCC 147: 2011 (2016e)	Qualitative



Quality Manager

SCOPE OF ACCREDITATION

(For Testing Laboratory)

CAB Name & Address: ITS Labtest Bangladesh Ltd., Dhaka Lab
Phoenix Tower (2nd & 3rd Floor), 407, Tejgaon, Dhaka-1208

Accreditation Standard: ISO/IEC 17025:2017 **Accreditation Date:** 26 November 2013

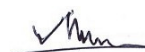
Certificate Number: 01.008.13 **Issued on:** 18 May 2025 (4th Renewal)

Last Amended on: 15 September 2026 **Valid until:** 25 November 2027

Amendment no: 02

S.N.	Products/ Materials/ Items of test	Type of tests performed	Specifications/ Standard test methods/Techniques used	Range of testing/Limit of detection
Products				
101	Water & wastewater	Total Aerobic microbial count	APHA 23 rd chapter 9215 A-B; USP 43 NF 38 Chapter 1231	1-1000 CFU/ml
102	Water & wastewater	Coliform [bacterial/100 ml]	USEPA 9132 :1986 USP43 NF38 Chapter 1231	0 -5000 CFU/100ml LOD: 0 CFU/100ml

END



Quality Manager