



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

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SCOPE OF ACCREDITATION

(For Testing Laboratory)

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

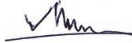
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Last Amended on: 01 **Valid until:** 25 November 2027

Amendment no: 27 August 2025

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


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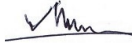
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	D. Terry Fabrics & its products		ASTM D 6544- 2021 ASTM D 6603- 2019 GB/T 18830- 2009	
4	Textile & Textile Products	Cool Feeling Performance Test	GB/T 35263- 2017	(0.01-0.3) J/(cm ² ·s)
5	Jute	Oil Content Unsaponifiable Matter	IJO Standard 98/01 (Revised 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 BS EN ISO 17234-1: 2020 BS EN ISO 17234-2: 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); 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-Naphthylammoniumacetate (553-00-4) ; 4-methoxy-m-phenylene diammonium sulphate(39156-41-7) ; 2,4,5-trimethylaniline hydrochloride (21436- 97-5) ; Aniline (62-53-3)		
	C. Prints			
	D. Leather			
7	A. Textile & Textile Products	APEOs Content	BS EN ISO 18254-1-2016	5 to 5000 mg/kg
	B. Paints	Nonylphenolethoxylates (NPEOs)	EN ISO 18218-1- 2023	MDL: 0.5 mg/L
	C. Prints	Octylphenolethoxylates (OPEOs)	EN ISO 21084- 2019	
	Leather Products	AP Content	ISO 18254-2:2018	


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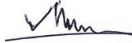
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		NP (Nonylphenol) OP (Octylphenol)	ASTM D7742-17	
8	A. Textile & Textile Products Leather Products	Cationic Surfactants Distearyldimethyl ammoniumchloride (DSDMAC); Ditalowdimethyl ammoniumchloride (DTDMAC); Dihydrogenated talowdimethyl ammoniumchloride (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
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	ISO 18219-1:2021 (SCCP) ISO 18219-2:2021 (MCCP) (Leather) 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 ISO 17072-2:2019	1 to 5000 mg/kg LOD: 0.10 mg/L


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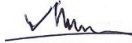
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12	A. Textile & Textile Products B. Leather Products	Flame retardant Per eco-Textile: PBDEs(Various), PBB(Various), Tris-(2,3-dibromopropyl)-phosphate (TRIS)(126-72-7), TEPA(545-55-1), HBCDD(25637-99-4 / 3194-55-6), TCEP(115-96-8), TBBPA(79-94-7), 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
18	A. Textile & Textile	UV Absorbers / Stabilizers	HSOP: C070.TP, I-2	100-1000 mg/kg MDL: 0.5 mg/L


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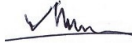
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	Products B. Leather Products	UV-350 (36437-37-3) UV-320 (3846-71-7) UV-327 (3864-99-1) V-328 (25973-55-1) Drometrizole (2440-22-4)	DIN EN 62321-6:2016-05 (Extraction in THF, analysis by GC/MS) USEPA 8270 ISO 22032, USEPA 527 and USEPA 8321B. Dichloromethane extraction GC-MS or LC-MS(-MS) ISO 24040: 2022	
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 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 LOD= 10 mg/L


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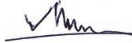
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			ISO 6060 :1989, SM 5220D (23 rd Edition), Validated Cuvette Method	
28	Wastewater & Sludge	pH	USEPA-150.1 :1978 USEPA SW 9045D: 2004	0 to 14
29	Wastewater	Temperature [°C]	USEPA 170.1 :1974	0 -100 LOD: 0
30	Wastewater	Total Nitrogen	ISO 5663 :1984, 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,	0 -5000 CFU/100ml


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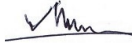
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			USEPA 9132 :1986	LOD: 0 CFU/100ml
38	Wastewater	Foam	Visual	NA
39	Wastewater & Sludge	Cyanide	ISO 6703-1,2,3 :1984, - USEPA 335.2 :1980, SM 4500-CN (23 rd Edition), USEPA 9013 :2014, USEPA 9014 :2014	Wastewater: 0.05-5 mg/L LOD: 0.05 mg/L Sludge: 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,	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


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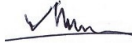
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			US EPA 3051A :2007, USEPA1311 :1992, and ICP-MS, ICP-OES and UV/VIS analysis	(Cr (VI), Cd) 0.001 mg/L (Hg)- 0.0005 mg/L Sludge: 0.2- 5000 mg/Kg LOD: Total Cr, Co, Ni, Ag, Zn, Cr(VI), Mn, Cu, Ba, Sn)- 10 mg/Kg, (As, Pb, Se, Sb)- 2 mg/Kg (Cd,Hg)- 0.2 mg/Kg
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	5-1000 µg/L MDL:5 µg/L


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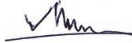
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			extraction) or ASTM D7065: 2011 (GC-MS or LC-MS(-MS)) OPEO/NPEO (n>2): ASTM D7742: 2017 ISO 18857-2: 2009	
58	Wastewater & Sludge	Polycyclic Aromatic Hydrocarbons (PAHs)	USEPA 8270E DIN 38407-39: 2011 Solvent extraction GC-MS	1-1000 µg/L MDL:1 µg/L
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 Jell/ 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 Jell/ Tomato Paste/	pH Value	AOAC 981.12	1.00-14.00


Quality Manager

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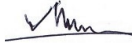
Accreditation Standard: ISO/IEC 17025:2017 **Accreditation Date:** 26 November 2013

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

Last Amended on: 01 **Valid until:** 25 November 2027

Amendment no: 27 August 2025

S.N.	Products/ Materials/ Items of test	Type of tests performed	Specifications/ Standard test methods/Techniques used	Range of testing/Limit of detection
	Tomato Ketchup			
	Biscuits/ Protein- Rich Biscuit/ Chanachur/ 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 Method, 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	Turbidity	BDS 1414:2000, App-U/ Instruction Manual of Turbidimeter	0.1-1100 NTU


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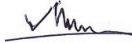
Amendment no: 27 August 2025

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			
72	Packaged Drinking water & Natural Mineral Water	Nitrite	APHA,4500-NO ₂ ,	0.005-1mg/L
73	Packaged Drinking water & Natural Mineral Water	Nitrate	APHA,4500-NO ₃ 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	10 N- 4.5 kN (1.12 -1011 lbs)


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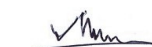
Certificate Number: 01.008.13 **Issued on:** 18 May 2025 (4th Renewal)

Last Amended on: 01 **Valid until:** 25 November 2027

Amendment no: 27 August 2025

S.N.	Products/ Materials/ Items of test	Type of tests performed	Specifications/ Standard test methods/Techniques used	Range of testing/Limit of detection
			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 ASTM D 5587- 15 (R2019)	
76	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%
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