



# ACCREDITATION CERTIFICATE

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

**SGS Bangladesh Limited**

**IIUC Tower, 7-th, 9-th & 11-th Floor, Plot # 09, Sk Mujib Road  
Agrabad C/A, Chattogram, 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 : **01.034.16**  
Accreditation Date : **19 September 2016**  
Date of Issuance : **10 August 2025 (3rd Renewal)**  
Date of Expiration : **25 April 2028**



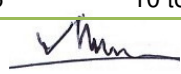
*[Signature]*  
**M.A. Kamal Billah**  
Director General

**SCOPE OF ACCREDITATION**

(For Testing Laboratory)

**CAB Name & Address:** SGS Bangladesh Limited, Agrabad C/A, Chattogram  
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**Certificate Number:** 01.034.16  
**Last Amended on:** 12.8.2025  
**Amendment no:** 01  
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**Valid until:** 25.04.2028

| S.N.                     | Products/<br>Materials/<br>Items of test | Type of tests performed                             | Specifications/ Standard<br>test methods/Techniques<br>used                                                                                                                                                                                          | Range of<br>testing/Limit of<br>detection |
|--------------------------|------------------------------------------|-----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|
| <b>Field: MECHANICAL</b> |                                          |                                                     |                                                                                                                                                                                                                                                      |                                           |
| 1                        | Textile,<br>Garments and<br>Accessories  | Breaking Strength and<br>Elongation (Grab Test)     | ASTM D5034 - 2021<br>ISO 13934-2:2014<br>BS EN ISO 13934-2:2014<br>CAN/CGSB 4.2 No. 9.2 M-90:2004<br>AS 2001.2.3.2:2001<br>JIS L1096:2010, Annex K                                                                                                   | 10 to 3000 N<br>(2 to 670 lbf)            |
|                          |                                          | Breaking Force and Elongation<br>(Strip Method)     | ASTM D5035 - 2019<br>ISO 13934-1:2013<br>BS EN ISO 13934-1:2013<br>CAN/CGSB 4.2 No. 9.1-M90:2004<br>BS 2576:1986<br>AS 2001.2.3.1:2001<br>JIS L1096:2010, Annex J<br>EN 29073-3: 1992 /<br>ISO 9073-3:1989                                           | 10 to 3000 N<br>(2 to 670 lbf)            |
| 2                        | Textile,<br>Garments and<br>Accessories  | Tensile Properties of Yarns<br>Single-Strand Method | ASTM D2256 - 2015<br>BS EN ISO 2062:2009<br>ISO 2062:2009<br>DIN EN ISO 2062:2009                                                                                                                                                                    | 0.5 to 3000 N                             |
| 3                        | Textile,<br>Garments and<br>Accessories  | Bursting strength<br>–Diaphragm<br>–Pneumatic       | ASTM D3786/ D3786M – 18<br>(Reapproved 2023)<br>ISO 13938-1:1999<br>BS EN ISO 13938-1:1999<br>CAN/CGSB 4.2 No.11.1-94<br>BS EN ISO 13938-2:1999<br>ISO 13938-2:2019<br>AS 2001.2.4-1990<br>JIS L1096:2010, Annex M<br>In-house (BD-TX-MC-SOP-001-03) | 5 to 200 psi<br>(30 to 1379 kPa)          |
|                          |                                          | Bursting strength                                   | ASTM D3787- 2016                                                                                                                                                                                                                                     | 10 to 3000 N                              |

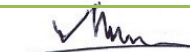
  
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| 4                                           | Textile,<br>Garments and<br>Accessories  | – Ball Burst                       | CAN/CGSB 4.2 No 11.2 -<br>M89                               | (2 to 670 lbf)                            |
|                                             |                                          |                                    | AS 2001.2.19:1988                                           |                                           |
|                                             |                                          |                                    | ASTM D6797 – 2015                                           |                                           |
|                                             |                                          | Seam Properties – Seam<br>Slippage | ISO 13936-1:2004                                            | 10 to 3000 N<br>(2 to 670 lbf)            |
|                                             |                                          |                                    | BS EN ISO 13936-1:2004                                      |                                           |
|                                             |                                          |                                    | ISO 13936-2:2004                                            |                                           |
|                                             |                                          |                                    | BS EN ISO 13936-2:2004                                      |                                           |
|                                             |                                          |                                    | AS 2001.2.21:1989                                           |                                           |
|                                             |                                          |                                    | AS 2001.2.22:2006                                           |                                           |
|                                             |                                          |                                    | SANS 6194: 2005                                             |                                           |
|                                             |                                          | Seam Properties – Seam<br>Strength | ISO 13935-1:2014                                            | 10 to 3000 N<br>(2 to 670 lbf)            |
|                                             |                                          |                                    | BS EN ISO 13935-1:2014                                      |                                           |
|                                             |                                          |                                    | ISO 13935-2:2014                                            |                                           |
|                                             |                                          |                                    | BS EN ISO 13935-2:2014                                      |                                           |
|                                             |                                          |                                    | ASTM D1683-2022                                             |                                           |
|                                             |                                          |                                    | AS 2001.2.20-2004                                           |                                           |
|                                             |                                          |                                    | ISO 13936-1/2:2004                                          |                                           |
|                                             |                                          |                                    | ASTM D751-2019                                              |                                           |
|                                             |                                          |                                    | AATCC TS-015                                                |                                           |
|                                             |                                          |                                    | 5                                                           |                                           |
| ISO 13937-1:2000                            |                                          |                                    |                                                             |                                           |
| DIN/ BS EN ISO 13937-<br>1:2000             |                                          |                                    |                                                             |                                           |
| AS 2001.2.8:2001                            |                                          |                                    |                                                             |                                           |
| CAN/CGSB-4.2 NO.12.3-<br>M94: 2000          |                                          |                                    |                                                             |                                           |
| DIN/ BS EN ISO 4674-<br>2:2003              |                                          |                                    |                                                             |                                           |
| JIS L1096:2010, Annex L                     |                                          |                                    |                                                             |                                           |
| ASTM D2261-13 (2017)                        |                                          |                                    |                                                             |                                           |
| Tearing strength of Fabrics<br>(Single Rip) | BS 4303: 1968                            | 10 to 3000 N<br>(2 to 670 lbf)     |                                                             |                                           |
|                                             | ISO 13937-2:2000                         |                                    |                                                             |                                           |
|                                             | BS EN ISO 13937-2:2000                   |                                    |                                                             |                                           |



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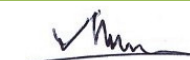
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|      |                                          |                                                      | ISO 13937-3:2000                                            |                                                     |
|      |                                          |                                                      | BS EN ISO 13937-3:2000                                      |                                                     |
|      |                                          |                                                      | ISO 4674-1: 2016, Method B                                  |                                                     |
|      |                                          |                                                      | JIS L1096:2010, 8.17                                        |                                                     |
|      |                                          | Tearing Strength of Fabrics<br>(Trapezoid Procedure) | ASTM D 5587-14                                              | 10 to 3000 N(2 to<br>670 lbf)                       |
|      |                                          | Tearing strength of Fabrics<br>(Double tear)         | ISO 13937-4:2000                                            | 10 to 3000 N                                        |
|      |                                          |                                                      | ISO 4674-1: 2016, Method A                                  | (2 to 670 lbf)                                      |
|      |                                          |                                                      |                                                             |                                                     |
| 6    | Textile,<br>Garments and<br>Accessories  | Abrasion resistance<br>(Martindale)                  | DIN/ BS/ EN/ ISO 12947-<br>1:1998/Cor.1 2002                | Up to 99999 rubs<br>1 to 5 Grade<br>Wt loss (1-50%) |
|      |                                          |                                                      | DIN/ BS/ EN/ISO 12947-<br>2:2016                            |                                                     |
|      |                                          |                                                      | DIN/ BS/ EN/ ISO 12947-<br>3:1998/Cor.1 2002 (R2017)        |                                                     |
|      |                                          |                                                      | DIN/ BS/ EN/ ISO 12947-<br>4:1998/Cor.1 2002 (R2017)        |                                                     |
|      |                                          |                                                      | ASTM D4966 - 2012<br>(R2016)                                |                                                     |
|      |                                          |                                                      | BS EN 13770:2002,                                           |                                                     |
|      |                                          |                                                      | BS 5690:1991                                                |                                                     |
|      |                                          |                                                      |                                                             |                                                     |
|      |                                          | Pilling Resistance (Pilling Box)                     | CAN/CGSB 4.2 No. 51.1-<br>M95 : 1995                        | 1 to 5 Grade                                        |
|      |                                          |                                                      | DIN/ BS/ EN/ ISO 12945-<br>1/4:2020                         |                                                     |
|      |                                          |                                                      | DIN/ BS/ EN/ ISO 12945-<br>3/4:2020                         |                                                     |
|      |                                          |                                                      | JIS L 1076:2010                                             |                                                     |
| 7    | Textile,<br>Garments and<br>Accessories  | Pilling resistance (Martindale)                      | GB/T 4802.3-2008                                            | 1 to 5 Grade                                        |
|      |                                          |                                                      | BS 5811:1986                                                |                                                     |
|      |                                          |                                                      | ASTM D4970 - 2022                                           |                                                     |
|      |                                          |                                                      | DIN/ BS/ EN/ ISO 12945-<br>2/4:2020                         |                                                     |
|      |                                          | Pilling resistance (Random)                          | GB/T 4802.2-2008                                            | 1 to 5 Grade                                        |
|      |                                          |                                                      | ASTM D3512 - 2022                                           |                                                     |



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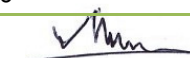
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|      |                                          | Tumbler)                                       | CAN/CGSB 4.2 NO 51.2-<br>M:1987<br>ISO 12945-3/4:2020<br>JIS L 1096: 2010 (R2015)<br>AMD 2020 Method A                                                                                                                                                                                                               |                                           |
| 8    | Textile,<br>Garments and<br>Accessories  | Yarn number based on short<br>length specimens | ASTM D1059-2017,<br>ASTM D1907-12,<br>ISO 7211-5:1984<br>ISO 2060:94,<br>BS EN ISO 2060:1995,<br>BS 5441:1988<br>EN 14970:2006<br>BS 2865:1984,                                                                                                                                                                      | 1 to 200'S                                |
| 9    | Textile,<br>Garments and<br>Accessories  | Mass per Unit Area of Fabric                   | ASTM D3776/ D3776M -<br>2020<br>DIN / BS EN 12127:1998<br>ISO 3801:1977<br>AS 2001.2.13:1987<br>CAN/CGSB 4.2 No.5.1-M90<br>BS 2471:2005                                                                                                                                                                              | 1 to 1000 g/m <sup>2</sup>                |
| 10   | Textile,<br>Garments and<br>Accessories  | Threads per Unit Length                        | ASTM D3775 - 2017<br>DIN / BS EN 1049 – 2:1994<br>AS 2001.2.5:1991<br>ISO 7211/2:1984<br>ASTM D3887 - 96 (R 2008)<br>AS 2001.2.5 - 1991<br>CAN/CGSB 4.2 No.6-M89<br>CAN/CGSB 4.2 No 7-M88<br>ASTM D3887-2020<br>ASTM D8007-15(2019),<br>BS 5441: 1988<br>AS 2001.2.6 - 2001<br>NF EN 14971:2006,<br>BS EN 14970:2006 | 1 to 500 per inch                         |
| 11   | Textile,<br>Garments and<br>Accessories  | Stitch Density                                 |                                                                                                                                                                                                                                                                                                                      | 1 to 500 per inch                         |



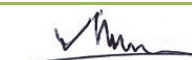
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| 12   | Textile,<br>Garments and<br>Accessories  | Cover factor                                 | In-house (BD-TX-MC-SOP-025-01)                                                                                                                                                    | 1 to 100                                  |
| 13   | Textiles,<br>garments &<br>accessories   | Crimp/ Tenacity/ take up of<br>yarn          | ISO 7211-3:1984<br>BS ISO 7211-3:1984<br>ASTM D3883:2004 (R2012)<br>In-house (BD-TX-MC-SOP-018-01)                                                                                | 1 to 90%                                  |
| 14   | Zipper                                   | Zipper Strength                              | BS 3084:2006<br>ASTM D2061 - 2007<br>(R2021)<br>16 CFR 1500.51-53 F<br>NFG 91-005:1984<br>DIN 3419-1 : 1998<br>AS 2332:2003<br>BS EN 16732 : 2015<br>ASTM D2062 - 2003<br>(R2021) | 1 to 3000 N                               |
| 15   | Zipper                                   | Zipper Torque Test                           | BS 3084:2006<br>ASTM D2061 - 2013<br>16 CFR 1500.51 - 53 E<br>NFG 91-005:1984<br>DIN 3419-1 : 1998<br>AS 2332:2003<br>BS EN 16732 : 2015<br>ASTM D2062 - 2003<br>(R2021)          | 2.3 - 4.6 kg.cm<br>(2-4 lb inch)          |
| 16   | Textile,<br>Garments and<br>Accessories  | Impact Resistance of Plastic<br>sew          | ASTM D5171 - 2009                                                                                                                                                                 | Height 32 to 120<br>mm                    |
| 17   | Textile,<br>Garments and<br>Accessories  | Flammability of General<br>Clothing Textiles | CPSC 16 CFR PART-<br>1610:2017<br>ASTM D1230 - 2017<br>GB/T 14644-2014<br>CAN/CGSB 4.2 NO. 27.5-                                                                                  | 1 to 100 sec.                             |



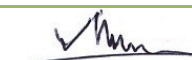
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|      |                                          |                                                                       | 2008                                                                                                                                                                                                                                   |                                           |
| 18   | Textile,<br>Garments and<br>Accessories  | Resistance to Unsnapping of<br>Snap Fastness                          | ASTM D4846 - 2016                                                                                                                                                                                                                      | 1 to 3000 N                               |
| 19   | Textile,<br>Garments and<br>Accessories  | Bonding Strength                                                      | ASTM D2724 - 2015<br>AATCC TM136 - 2013<br>ASTM D903 - 1998 (R2017)                                                                                                                                                                    | 0.5 to 3000 N/mm                          |
| 20   | Textile,<br>Garments and<br>Accessories  | Stretch and Recovery/ Tension<br>and Elongation of Elastic<br>Fabrics | ASTM D4964-2016<br>BS 4952:1992<br>ASTM D2594-2020<br>ASTM D3107-07 (R2019)<br>BS EN 14704-1:2005<br>BS EN 14704-3:2006<br>EN ISO/ ISO 20932-1:2018/<br>Amd 1:2021<br>ISO 20932-3:2018<br>BS 4294:1968                                 | 1 to 500%                                 |
| 21   | Textile,<br>Garments and<br>Accessories  | Attachment/Pull Off Strength<br>of Snap/Button/Rivets                 | BS EN / EN 71 Part-1:2014<br>Sec-8.4 + A1:2018<br>BS 7907:2007<br>ASTM F963 - 2017 Sec. 8.5<br>- 8.10<br>16 CFR 1500.51-53 F<br>ASTM D6644 - 2007<br>CEN/TR 16792:2014<br>EN 17394-2:2020; CEN/ TS<br>17394-1/3/4:2021<br>PS 79 : 1996 | 1 to 3000 N                               |
| 22   | Textile,<br>Garments and<br>Accessories  | Measurement of Bow &<br>Skewness                                      | ASTM D3882 - 2016<br>BS 2819:1990 + A2 : 2016<br>NF G07-163:1990<br>ISO 13015:2013                                                                                                                                                     | 0.1 to 2000 mm                            |
| 23   | Textile,<br>Garments and<br>Accessories  | Fibre Shedding (for pile<br>fabrics)                                  | In house (BD-TX-MC-SOP-<br>017-01)                                                                                                                                                                                                     | 1 to 5 Grade                              |



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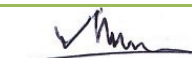
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| 24   | Textile,<br>Garments and<br>Accessories                                                                                                                                                              | Safety of children's clothing                                                               | EN 14682:2014<br>BS EN 14682:2014<br>ASTM F1816 – 97<br>(Reapproved 2009)<br>GB 31701-2015, 4.4.3<br>GB/T 22705-2008<br>GB/T 22702-2008             | Qualitative                               |
| 25   | Textile,<br>Garments, Toys<br>products (Textile<br>Metal Glass,<br>Plastic, stone<br>Leather<br>Accessories) in<br>Garments, Metal<br>Jewelry, other<br>article intended<br>to use for<br>children   | Small Parts – Chocking<br>Hazard Test (Small part<br>cylinder of 31.7 mm inner<br>diameter) | 16 CFR 1501<br>ASTM F963 - 2016, Sec-4.6<br>(Small parts)<br><br>BS EN / EN 71 Part-1: Sec-<br>8.2 (Small parts) + A1:2018                          | Qualitative                               |
| 26   | Textile,<br>Garments, Toys<br>products (Textile<br>Metal Glass,<br>Plastic, stone<br>Leather<br>Accessories) in<br>Garments, Metal<br>Jewellery, other<br>article intended<br>to use for<br>children | Determination of Sharp Points<br>Under a Force of 4.45 N (1<br>Pound)                       | 16 CFR 1500.48 (Sharp<br>Point)<br>ASTM F963 - 2016, Sec-4.9<br>(Sharp Point)<br><br>BS EN / EN 71 Part-1: Sec-<br>8.12 (Sharp Point) +<br>A1:2018  | Qualitative                               |
| 27   | Textile,<br>Garments, Toys<br>products (Textile<br>Metal Glass,<br>Plastic, stone<br>Leather<br>Accessories) in<br>Garments, Metal<br>Jewellery, other<br>article intended                           | Determination of Sharp Edges<br>Under a force of up to 8.90 N<br>(2 Pound)                  | 16 CFR 1500.49 (Sharp<br>Edges)<br>ASTM F963 - 2016, Sec. 4.7<br>(Sharp Edges)<br><br>BS EN / EN 71 Part-1: Sec-<br>8.11 (Sharp Edges) +<br>A1:2018 | Qualitative                               |



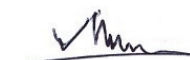
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|                        | to use for<br>children                                      |                                                                    |                                                                                                                                                                                                                                                                                 |                                           |
| 28                     | Textiles,<br>garments &<br>accessories,<br>Leather, Plastic | Determination of thickness                                         | ASTM D1777-96 (R2015)<br>ISO-5084-1996<br>ISO 2589 - 2016<br>ASTM D1813 - 2023                                                                                                                                                                                                  | 0.01 to 11.00 mm                          |
| 29                     | Textiles, Leather<br>garments &<br>accessories              | Standard Test Method for<br>Pocket Reinforcement                   | ASTM D7506/ D7506M- 17<br>(R 2021)<br>AATCC/ASTM TS-010                                                                                                                                                                                                                         | 10 to 3000 N                              |
| <b>Field: CHEMICAL</b> |                                                             |                                                                    |                                                                                                                                                                                                                                                                                 |                                           |
| 1                      | Textile, Garment<br>& Accessories                           | Dimensional change to<br>washing / ironing                         | AATCC TM 135-2018t,<br>AATCC TM 150-2018t,<br>BS/ EN/ ISO 6330:2021<br>ISO 5077:2007<br>AS 2001.5.4:2005,<br>BS EN ISO 5077:2008,<br>ISO 3759:2011,<br>CAN/CGSB 4.2 No. 58-<br>2019,<br>GB/T 8629-2001,<br>JIS L 1057:2012 R (2021)<br>In-house method<br>(BD-TX-CH-SOP-002-06) | 0 to ± 30%                                |
| 2                      | Textile, Garment<br>& Accessories                           | Dimensional change to dry<br>cleaning                              | In-house method<br>(BD-TX-CH-SOP-002-04)                                                                                                                                                                                                                                        | 0 to ± 30%                                |
| 3                      | Textile, Garment<br>& Accessories                           | Appearance of fabric after<br>repeated home laundering             | AATCC TM 124-2018t,<br>ISO 7768:2009,<br>BS ISO 7768:2011                                                                                                                                                                                                                       | Grade: SA -1 to<br>SA - 5                 |
| 4                      | Textile, Garment<br>& Accessories                           | Smoothness of seams in fabric<br>after repeated home<br>laundering | AATCC TM 88B-2018t,<br>BS/ ISO 7770:2009,<br>BS ISO 7770:2009                                                                                                                                                                                                                   | Grade: SS -1 to<br>SS - 5                 |
| 5                      | Textile, Garment<br>& Accessories                           | Retention of creases in fabric<br>after repeated home              | AATCC TM 88C-2018t,<br>ISO 7769:2009,                                                                                                                                                                                                                                           | Grade: CR -1 to<br>CR - 5                 |



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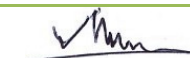
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|      |                                          | laundrying                                                                            | BS ISO 7769:2009                                                                                                                      |                                                                                  |
| 6    | Textile, Garment<br>& Accessories        | Appearance of apparel and<br>other textile products after<br>repeated home laundrying | AATCC TM 143-2018t,<br><br>ISO 15487:2018,<br>BS EN ISO 15487:2018                                                                    | Grade: SA -1 to<br>SA – 5 Grade: SS<br>-1 to SS – 5<br>Grade: CR -1 to<br>CR - 5 |
| 7    | Textile, Garment<br>& Accessories        | Appearance (Visual<br>assessment) after laundrying                                    | In-house method<br>(BD-TX-CH-SOP-001-06)<br>SL-TM-DIM-001<br>AATCC TS-008                                                             | 1 to 5 Grade                                                                     |
|      |                                          | Appearance (Visual<br>assessment) after Drycleaning                                   | In-house method<br>(BD-TX-CH-SOP-001-08)                                                                                              | 1 to 5 Grade                                                                     |
| 8    | Textile, Garment<br>& Accessories        | Spirality/Skewing of fabric &<br>garment                                              | AATCC TM 179-2023,<br>AATCC TM 207-2019,<br>AATCC TS-004<br>ISO 16322-1:2005,<br>ISO 16322-2:2021<br>ISO 16322-3:2021<br>BS 2819:1990 | 0 to ± 30%                                                                       |
| 9    | Textile, Garment<br>& Accessories        | Durability wash of<br>garment/print<br>/motif/applique/embroidery                     | In-house method<br>(BD-TX-CH-SOP-004-01)                                                                                              | 1 to 5 Grade                                                                     |
| 10   | Textile,<br>Garments and<br>Accessories  | Care label Verification /<br>Confirmation                                             | ASTM D3938 -2018<br>ASTM D5489 -2018<br>ISO 3758:2023                                                                                 | 1 to 5 Grade<br>0 to ± 30%                                                       |
| 11   | Textile, Garment<br>& Accessories        | Durability of finish of zippers to<br>laundrying                                      | ASTM D2051-2014                                                                                                                       | 1 to 5 Grade                                                                     |
| 12   | Textile, Garment<br>& Accessories        | Determination of fabric width &<br>length                                             | ASTM D3774-2018,<br>BS EN 1773:1997,<br>AS 2001.2.12:1987(R2016),<br>CAN/CGSB 4.2 No.4.1 -<br>M87: 2008<br>ISO 22198:2006             | 1 – 250 cm                                                                       |



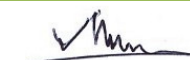
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| 13   | Textile, Garment<br>& Accessories                             | Colour fastness to washing             | AATCC TM61-2013 (R2020)                                     | 1 to 5 Grade                              |
|      |                                                               |                                        | BS/ EN/ ISO 105 C06:2010                                    |                                           |
|      |                                                               |                                        | DIN/ BS/ EN/ ISO 105<br>C08:2010                            |                                           |
|      |                                                               |                                        | CAN/CGSB-4.2 No.19.1-<br>2004                               |                                           |
|      |                                                               |                                        | ISO 105-<br>C09:2001/Amd.1:2003(E)                          |                                           |
|      |                                                               |                                        | BS EN ISO 105 C09:2003                                      |                                           |
|      |                                                               |                                        | DIN EN ISO105 C09:2007                                      |                                           |
|      |                                                               |                                        | DIN/ BS/ EN/ ISO 105<br>C10:2010                            |                                           |
|      |                                                               |                                        | SANS 11166:2006                                             |                                           |
|      |                                                               |                                        | AS 2001.4.15:2006                                           |                                           |
|      |                                                               |                                        | JIS L0844:2005                                              |                                           |
|      |                                                               |                                        | GB/T 3921:2008                                              |                                           |
|      |                                                               |                                        | ISO 15702:1998 / IUF<br>435:1998                            |                                           |
|      |                                                               |                                        | ISO 15703:1998 / IUF<br>423:1998                            |                                           |
| 14   | Textile,<br>Garment,<br>Accessories,<br>Leather &<br>Footwear | Colour fastness to perspiration        | AATCC TM15-2021                                             | 1 to 5 Grade                              |
|      |                                                               |                                        | CAN/CGSB 4.2 No.23 M-<br>90:2013                            |                                           |
|      |                                                               |                                        | BS/ DIN/ EN/ ISO 105<br>E04:2013                            |                                           |
|      |                                                               |                                        | AS 2001.4.E04:2005<br>(R2016),                              |                                           |
|      |                                                               |                                        | JIS L0848 : 2004                                            |                                           |
|      |                                                               |                                        | GB/T 3922:2013                                              |                                           |
| 15   | Textile,<br>Garment,<br>Accessories,                          | Colour fastness to<br>rubbing/crocking | ISO 11641:2012/<br>IUF426:2012                              | 1 to 5 Grade                              |
|      |                                                               |                                        | AATCC TM8-2021                                              |                                           |
|      |                                                               |                                        | AS 2001.4.3-1995 (R2016),<br>CAN/CGSB 4.2 No. 22-2004       |                                           |



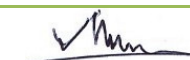
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|      | Leather &<br>Footwear                                         |                                                               | (2013),<br>BS/ DIN/ EN/ ISO 105<br>X12:2016<br>JIS L0849 : 2004, Type I<br>GB/T 3920: 2008<br>ASTM D2054-99 (R 2022)<br>ISO 105-C07:1999        |                                           |
| 16   | Textile,<br>Garment,<br>Accessories,<br>Leather &<br>Footwear | Colour fastness to water                                      | AATCC TM107-2022<br>DIN/ EN/ ISO 105 E01:2013<br>AS 2001.4.E01-2001 (R<br>2016),<br>CAN/CGSB 4.2 No.20-M89<br>JIS L0846: 2004<br>GB/T 5713:2013 | 1 to 5 Grade                              |
| 17   | Textile, Garment<br>& Accessories                             | Colour fastness to sea water                                  | AATCC TM106-2013<br>DIN/ EN/ ISO 105 E02:2013<br>AS 2001.4.E02:2001<br>(R2016)<br>CAN/CGSB 4.2 No.21-M90<br>GB/T 5714-2019                      | 1 to 5 Grade                              |
| 18   | Textile, Garment<br>& Accessories                             | Colour fastness to chlorinated<br>water (swimming pool water) | AATCC TM162-2011<br>BS/ DIN/ EN/ ISO 105<br>E03:2010<br>AS 2001.4.5:1998,<br>CAN/CGSB 4.2No.52.2-98<br>GB/T 8433-2013                           | 1 to 5 Grade                              |
| 19   | Textile, Garment<br>& Accessories                             | Shade variation (colour<br>change)                            | Based on AATCC EP1-<br>2020<br>Based on AATCC EP2-<br>2020<br>ISO 105 A02:1993/Cor 2-<br>2005,<br>ISO 105 A03:2019<br>ISO 105-J03:2009          | 1 to 5 Grade                              |



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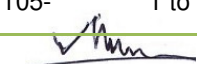
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| 20   | Textile, Garment<br>& Accessories        | Colour fastness to dry cleaning               | AATCC TM132-2013<br>BS/ EN/ ISO 105 D01:2010<br>AS 2001.4.16:1981 (R2016)<br>CAN/CGSB 4.2 No.29.1-<br>M89 : 1989<br>GB/T 5711:1997 | 1 to 5 Grade                              |
| 21   | Textile, Garment<br>& Accessories        | Colour fastness to dry heat                   | AATCC TM 117-2019,<br>DIN/ EN/ ISO 105 P01:1993                                                                                    | 1 to 5 Grade                              |
| 22   | Textile, Garment<br>& Accessories        | Colour fastness to hot<br>pressing            | AATCC TM133-2021<br>DIN/ EN/ ISO 105X11:1994<br>AS 2001.4.6:1990                                                                   | 1 to 5 Grade                              |
| 23   | Textile, Garment<br>& Accessories        | Colour fastness to water<br>spotting          | AATCC TM104-2010 (2014)<br>DIN/ EN/ ISO 105 E07:2010<br>AS 2001.4.4-1998 (R 2016),<br>ISO 15700:1998                               | 1 to 5 Grade                              |
| 24   | Textile, Garment<br>& Accessories        | Colour fastness to acid/ acid<br>spotting     | AATCC TM 6-2021<br>DIN/ EN/ ISO 105 E05:2010<br>AS 2001.4.12:1981                                                                  | 1 to 5 Grade                              |
| 25   | Textile, Garment<br>& Accessories        | Colour fastness to alkali/ alkali<br>spotting | AATCC TM 6-2021<br>DIN/ EN/ ISO 105 E06:2006<br>AS 2001.4.9:1981                                                                   | 1 to 5 Grade                              |
| 26   | Textile, Garment<br>& Accessories        | Colour fastness to bleaching                  | AATCC TM 101-2019,<br>DIN/ EN/ ISO 105 N01:1993<br>DIN/ EN/ ISO 105 N02:1993<br>GB/T 7069-1997                                     | 1 to 5 Grade                              |
|      |                                          | C/F to chlorine bleaching                     | AATCC TS001                                                                                                                        | 1 to 5 Grade                              |
|      |                                          | C/F to non-chlorine bleaching                 | AATCC TS001                                                                                                                        | 1 to 5 Grade                              |
| 27   | Textile, Garment<br>& Accessories        | Colour fastness to organic<br>solvents        | DIN/ EN/ ISO 105X05:1994<br>AATCC TM157-2022<br>ISO 11643:2009<br>IUF 434:2009                                                     | 1 to 5 Grade                              |
| 28   | Textile, Garment<br>& Accessories        | Colour fastness of zipper to<br>laundering    | ASTM D2057 - 05 (R 2010)                                                                                                           | 1 to 5 Grade                              |
| 29   | Textile, Garment<br>& Accessories        | Phenolic yellowing                            | BS/ DIN/ EN/ ISO 105-                                                                                                              | 1 to 5 Grade                              |

  
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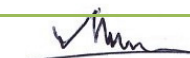
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|      |                                                               |                                                                         | X18:2007                                                                                                               |                                           |
| 30   | Textile, Garment<br>& Accessories                             | Colour fastness to dye transfer<br>in storage/sublimation               | AATCC TM163-2013 (2020)<br>DIN 54056:2017<br>JIS L0854: 2013                                                           | 1 to 5 Grade                              |
| 31   | Textile, Garment<br>& Accessories                             | Colour fastness to actual<br>laundering                                 | In-house Method<br>(BD-TX-CH-SOP-008-01)                                                                               | 1 to 5 Grade                              |
| 32   | Textile,<br>Garment,<br>Accessories,<br>Leather &<br>Footwear | Colour fastness to light                                                | AATCC TM 16.3-2020,<br>BS/ EN/ ISO 105-B02:2014,<br>GB/T 8427-2008,<br>CAN/CGSB 4.2 No. 18.3-97,<br>AS 2001.4.B02-2001 | 1 to 8 Grade                              |
| 33   | Textile, Garment<br>& Accessories                             | Colour fastness to perspiration<br>& light                              | AATCC TM 125-2020<br>BS/ EN/ ISO 105 B07:2009<br>GB/T 14576 -2009                                                      | 1 to 8 Grade                              |
| 34   | Textile, Garment<br>& Accessories                             | Colour fastness to non-<br>chlorine bleaching in home<br>laundering     | AATCC TM 172-2016                                                                                                      | 1 to 5 Grade                              |
| 35   | Textile, Garment<br>& Accessories                             | Colour fastness to Ozone                                                | AATCC TM109-2016<br>BS/ EN/ ISO 105 G03:1993                                                                           | 1 to 5 Grade                              |
| 36   | Metallic<br>Accessories                                       | Corrosion test                                                          | BS 4162:1983 Section 10 (R<br>2020)<br>BS/ EN/ ISO 22775:2004<br>(Method 2)<br>SATRA TM310: 1992                       | 1 to 5 Grade                              |
| 37   | Textiles,<br>garments &<br>accessories                        | Soil release: oily stain release<br>method                              | AATCC TM 130-2018                                                                                                      | 1 to 5 Grade                              |
| 38   | Textile, Garment<br>& Accessories                             | Oil Repellency: Hydrocarbon<br>Resistance Test                          | AATCC TM 118-2020<br>ISO 14419:2010                                                                                    | 1 to 5 Grade                              |
| 39   | Textile, Garment<br>& Accessories                             | Aqueous liquid Repellency:<br>Water/Alcohol solution<br>Resistance Test | AATCC TM193-2023<br>ISO 23232:2009<br>ISO 105-X10:1993                                                                 | 1 to 5 Grade                              |
| 40   | Textile, Garment<br>& Accessories                             | Colour fastness to sweat                                                | DIN 53160-2:2010                                                                                                       | 1 to 5 Grade                              |
| 41   | Textile, Garment<br>& Accessories                             | Colour fastness to saliva                                               | DIN 53160-1:2010                                                                                                       | 1 to 5 Grade                              |



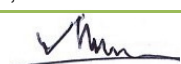
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|      |                                              |                                                                                                             | GB/T 18886-2002                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                           |
| 42   | Textile, Garment<br>& Accessories            | Textile dyestuffs part-1:<br>General principal of testing<br>colored textile for dyestuff<br>identification | ISO 16373-1:2015                                                                                                                                                                                                                                                                                                                                                                                                                                             | 1 to 5 Grade                              |
| 43   | Textile, Leather<br>Garment &<br>Accessories | Standard Test Method for<br>Volatile Matter (Moisture) of<br>Leather by Oven Drying                         | ASTM D3790 - 2017                                                                                                                                                                                                                                                                                                                                                                                                                                            | 1 to 5 Grade                              |
| 44   | Pulp, Paper &<br>Paperboard                  | Moisture in Pulp, Paper &<br>Paperboard                                                                     | TAPPI T412: om-2012<br>ISO 287:2017                                                                                                                                                                                                                                                                                                                                                                                                                          | 1 % to 30 %                               |
| 45   | Textile, Garment<br>& Accessories            | Determination of<br>unsaponifiables in jute<br>bags/cloth used for packaging<br>selectes food materials     | IJO Standard 98/01:2005                                                                                                                                                                                                                                                                                                                                                                                                                                      | 1 ppm to 10,000<br>ppm                    |
|      |                                              |                                                                                                             | AATCC TM20-2021<br>AATCC TM 20A-2021e,<br>ISO/TR 11827:2012,<br>ISO 1833-<br>1,2,3,12,18,22:2020,<br>ISO 1833-4,7,11:2017,<br>ISO 1833-5,8:2006,<br>ISO 1833-6,20:2018,<br>ISO 1833-9,10,13-<br>17,21:2019,<br>ISO 1833-24:2010,<br>ASTM D2654- 89a<br>ASTM D629 - 2015<br>ASTM D276 - 2012<br>CAN/CGSB 4.2 No.14-2005<br>AS 2001.7:2005<br>Regulation (EU)<br>No.1007/2011<br>GB/T 2910. (1-22, 24)-2009,<br>FZ/T 01057. (1-4 ,6)-2007,<br>JIS L1030-2:2012 |                                           |
| 46   | Textile, Garment<br>& Accessories            | Fibre analysis                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 0.1 to 100%                               |
| 47   | Textile, Garment                             | Water repellency (Spray test)                                                                               | AATCC TM 22-2017,                                                                                                                                                                                                                                                                                                                                                                                                                                            | 1 to 5 Grade                              |

  
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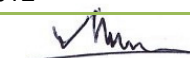
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|      | & Accessories                            |                                                                                         | ISO 4920:2012,<br>DIN EN ISO 4920:2012,<br>BS EN ISO 4920:2012,<br>CAN/CGSB 4.2 No. 26.2-<br>M94                                                                    |                                           |
| 48   | Textile, Garment<br>& Accessories        | Absorbency of bleached textile                                                          | AATCC TM 79-2018,<br>EN 14697:2005,<br>BS EN 14697:2005,<br>BS 4554:1970                                                                                            | 1 to 1800 sec                             |
| 49   | Textile, Garment<br>& Accessories        | Surface water absorption of<br>Terry Fabrics                                            | ASTM D4772-2014                                                                                                                                                     | 1 to 50 ml                                |
| 50   | Textile,<br>Garments and<br>Accessories  | Wicking of textiles                                                                     | AATCC TS - 017<br>In-house method<br>(BD-TX-CH-SOP-006-01)<br>AATCC TM 197-2022,<br>AATCC TM 198-<br>2011e3(2020) e<br>AATCC TM 213-2022,<br>JIS L1907:2010 (R2020) | 0.5 to 200 mm                             |
| 51   | Textile,<br>Garments and<br>Accessories  | Standard test method for<br>extractable matter in textile                               | ASTM D2257-2020,<br>AATCC TM 97:2020                                                                                                                                | 0 to 310 gm<br>Wt loss (1-50%)            |
| 52   | Textile,<br>Garments and<br>Accessories  | Odour test is textiles articles<br>Odour test is textiles articles                      | SNV 195651- 2015<br>GB 18401-2010, 6.7                                                                                                                              | Qualitative                               |
| 53   | Textile, Garment<br>& Accessories        | Effect of heat                                                                          | IN-house Method<br>(BD-TX-CH-SOP-038-01)                                                                                                                            | 1 to 5 Grade                              |
| 54   | Textile, Garment<br>& Accessories        | Water Resistance: Rain Test                                                             | AATCC TM35-2018e2                                                                                                                                                   | 0 to 5 g                                  |
| 55   | Textile, Garment<br>& Accessories        | Colour fastness to light and<br>weathering                                              | EN ISO 105-B04: 2024<br>AATCC TM 169-2023                                                                                                                           | 1 to 8 Grade                              |
| 56   | Textile,<br>Garments and<br>Accessories  | Determination of certain listed<br>banned aromatic amines<br>derived from Azo colorants | RSTS-CHEM-201-7<br>(EN 14362-1:2012<br>EN 14362-3:2012<br>BS EN 14362-1:2012<br>BS EN 14362-3:2012                                                                  | 1-30 mg/kg /<br>5 mg/kg                   |



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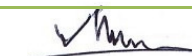
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|      |                                          |                                                                                         | DIN EN 14362-1:2012                                                                           |                                           |
|      |                                          |                                                                                         | DIN EN 14362-3:2012                                                                           |                                           |
|      |                                          |                                                                                         | RSTS-CHEM-201-10                                                                              |                                           |
|      |                                          |                                                                                         | EN 14362-1:2003                                                                               |                                           |
|      |                                          |                                                                                         | BS EN 14362-1:2003                                                                            |                                           |
|      |                                          |                                                                                         | DIN EN 14362-1:2003                                                                           |                                           |
|      |                                          |                                                                                         | § 64 LFGB BVL B 82.02.2:<br>2004)                                                             |                                           |
|      |                                          |                                                                                         | RSTS-CHEM-201-11                                                                              |                                           |
|      |                                          |                                                                                         | (EN 14362-2:2003                                                                              |                                           |
|      |                                          |                                                                                         | BS EN 14362-2:2003                                                                            |                                           |
|      |                                          |                                                                                         | DIN EN 14362-2:2003                                                                           |                                           |
|      |                                          |                                                                                         | § 64 LFGB BVL B 82.02.4:<br>2004                                                              |                                           |
|      |                                          |                                                                                         | RSTS-CHEM-201-12                                                                              |                                           |
|      |                                          |                                                                                         | § 64 LFGB BVL B 82.02.9:<br>2008                                                              |                                           |
|      |                                          |                                                                                         | ISO 17234-2:2011                                                                              |                                           |
|      |                                          |                                                                                         | RSTS-CHEM-201-13                                                                              |                                           |
|      |                                          |                                                                                         | ISO 17234-1: 2010                                                                             |                                           |
|      |                                          |                                                                                         | § 64 LFGB BVL B<br>82.02.3(V)-2004                                                            |                                           |
|      |                                          |                                                                                         | GB-T 17592:2011                                                                               |                                           |
|      |                                          |                                                                                         | RSTS-CHEM-201-14                                                                              |                                           |
|      |                                          |                                                                                         | ISO 14362-1:2017                                                                              |                                           |
|      |                                          |                                                                                         | RSTS-CHEM-201-15                                                                              |                                           |
|      |                                          |                                                                                         | ISO 14362-3:2017)                                                                             |                                           |
|      |                                          |                                                                                         | RSTS-CHEM-201-2                                                                               |                                           |
|      |                                          |                                                                                         | (ISO 17234-1:2020                                                                             |                                           |
|      |                                          |                                                                                         | ISO 17234-1:2020                                                                              |                                           |
|      |                                          |                                                                                         | ISO 17234-1:2020                                                                              |                                           |
|      |                                          |                                                                                         | RSTS-CHEM-201-16                                                                              |                                           |
|      |                                          |                                                                                         | § 64 LFGB, BVL B 82.02-<br>3:2014                                                             |                                           |
| 57   | Leather &<br>leather products            | Determination of certain listed<br>banned aromatic amines<br>derived from Azo colorants | ISO 17234-1:2020<br>ISO 17234-1:2020<br>RSTS-CHEM-201-16<br>§ 64 LFGB, BVL B 82.02-<br>3:2014 | 1-30 mg/kg /<br>5 mg/kg                   |



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|------|-------------------------------------------------------------|------------------------------------------------------------------------|-------------------------------------------------------------|-------------------------------------------|
| 58   | Textile,<br>Garments,<br>Leather, Plastic<br>& Rubber items | Determination of Phthalates                                            | RSTS-CHEM-201-4                                             | 0.3 - 10 mg/kg /<br>30 mg/kg              |
|      |                                                             |                                                                        | ISO 17234-2:2011                                            |                                           |
|      |                                                             |                                                                        | § 64 LFGB, BVL B 82.02-9:2014)                              |                                           |
|      |                                                             |                                                                        | RSTS-CHEM-206-6                                             |                                           |
|      |                                                             |                                                                        | (CPSC-CH-C1001-09.3                                         |                                           |
| 59   | Plastic<br>accessories &<br>prints in Textile<br>& Garments | Polyvinyl Chloride (PVC)<br>detection<br>in plastic & coating material | CPSC-CH-C1001-09.4                                          | Qualitative                               |
|      |                                                             |                                                                        | ISO 14389:2022                                              |                                           |
|      |                                                             |                                                                        | GB/T 24168:2009                                             |                                           |
|      |                                                             |                                                                        | EN 14372:2004)                                              |                                           |
|      |                                                             |                                                                        | RSTS-CHEM-207-1                                             |                                           |
| 60   | Textile,<br>Garments &<br>Accessories                       | Determination of free &<br>released<br>formaldehyde                    | (Beilstein Method-<br>Preliminary method)                   | 0.15 – 6 mg/kg<br>/ 16 mg/kg              |
|      |                                                             |                                                                        | RSTS-CHEM-101-1                                             |                                           |
|      |                                                             |                                                                        | (ISO 14184-1:2011                                           |                                           |
|      |                                                             |                                                                        | EN ISO 14184-1:2011                                         |                                           |
|      |                                                             |                                                                        | BS EN ISO 14184-1:2011                                      |                                           |
|      |                                                             |                                                                        | DIN EN ISO 14184-1:2011                                     |                                           |
|      |                                                             |                                                                        | JIS L 1041:2011                                             |                                           |
|      |                                                             |                                                                        | ISO 14184-2:2011                                            |                                           |
|      |                                                             |                                                                        | EN ISO 14184-2:2011                                         |                                           |
|      |                                                             |                                                                        | BS EN ISO 14184-2:2011                                      |                                           |
|      |                                                             |                                                                        | DIN EN ISO 14184-2:2011                                     |                                           |
|      |                                                             |                                                                        | AATCC 112-2014                                              |                                           |
|      |                                                             |                                                                        | § 64 LFGB BVL B<br>82.02.1:1985                             |                                           |
|      |                                                             |                                                                        | GB-T 2912.1:2009                                            |                                           |
|      |                                                             |                                                                        | ITX-GB/T 2912.1/2012C                                       |                                           |
|      |                                                             |                                                                        | ITX-GB/T 19941.2/2005D                                      |                                           |
|      |                                                             |                                                                        | ITX-GB/T 19941.1/2005A )                                    |                                           |
| 61   | Leather                                                     | Determination of free &<br>released formaldehyde                       | RSTS-CHEM-101-9                                             | 0.15 – 6 mg/kg<br>/ 10 mg/kg              |
|      |                                                             |                                                                        | (AATCC 94-2017)                                             |                                           |
| 61   | Leather                                                     | Determination of free &<br>released formaldehyde                       | RSTS-CHEM-101-4                                             | 0.15 – 6 mg/kg<br>/ 10 mg/kg              |
|      |                                                             |                                                                        | (ISO 17226-2:2017                                           |                                           |

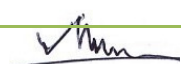
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|------|--------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|
|      |                                                                                |                                                                                   | DIN 53315:1996-Method A)<br>RSTS-CHEM-101-8<br>(ISO 17226-2:2008;<br>ITX-GB/T 19941.2/2005D)                                                                                                 |                                                   |
| 62   | Textile,<br>Garments &<br>accessories                                          | pH value in aqueous/water<br>extract                                              | RSTS-CHEM-102-1<br>(ISO 3071:2005<br>ISO 3071:2020<br>EN ISO 3071:2006<br>BS EN ISO 3071:2006<br>DIN EN ISO 3071:2006<br>EN 1413:1998<br>BS EN 1413:1998<br>AATCC 81-2022<br>GB/T 7573:2009) | 1 to 14                                           |
| 63   | Leather                                                                        | pH value in aqueous/water<br>extract                                              | RSTS-CHEM-102-2<br>ISO 4045:2018<br>ISO 4045:2008<br>BS EN ISO 4045:2008                                                                                                                     | 1 to 14                                           |
| 64   | Textile,<br>Garments,<br>leather, PU<br>leather, rubber &<br>silica gel pellet | Determination of Dimethyl<br>fumerate (DMFu)                                      | RSTS-CHEM-233-1                                                                                                                                                                              | 0.01 – 5 mg/kg<br>/ 0.5 mg/kg                     |
| 65   | Metal item                                                                     | Screening test for nickel<br>release from alloys & coatings<br>(nickel spot test) | RSTS-CHEM-105-6<br>EN 12471:1996<br>CR 12471:2022                                                                                                                                            | Qualitative                                       |
| 66   | Metal item<br>(Coated and<br>non-coated)                                       | Detection of nickel release                                                       | RSTS-CHEM-105-5<br>EN 12472:2005+A1:2009<br>EN 1811:2023<br>EN 1811:2011 +AC :2012<br>EN 1811:2011 +A1 :2015                                                                                 | 0.03 – 0.5 mg/kg<br>/ 0.1µg/cm <sup>2</sup> /week |
| 67   | Plastic (PVC)/<br>rubber<br>accessories in<br>textiles &<br>garments           | Cadmium content in PVC item                                                       | RSTS-CHEM-106-1<br>(EN 1122:2001<br>BS EN 1122:2001<br>USEPA 3052:1996)                                                                                                                      | 0.01 – 0.5 mg/kg<br>/ 5 mg/kg                     |

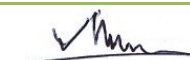
  
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|------|------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|---------------------------------------------------------------------------|
| 68   | Textile,<br>Garments,<br>Accessories,<br>Toy products &<br>Paintor surface<br>coating material | Total lead and cadmium<br>content in wet paint or surface<br>coating materials                                                          | RSTS-CHEM-109-1                                             | Pb 0.075 – 3<br>mg/kg<br>/ 10 mg/kg<br><br>Cd 0.01-0.5 mg/kg<br>/ 5 mg/kg |
|      |                                                                                                |                                                                                                                                         | (CPSC-CH-E1003-09.1                                         |                                                                           |
|      |                                                                                                |                                                                                                                                         | ASTM E1645 - 2007                                           |                                                                           |
|      |                                                                                                |                                                                                                                                         | ASTM E1613 - 2012                                           |                                                                           |
|      |                                                                                                |                                                                                                                                         | 16 CFR 1303                                                 |                                                                           |
|      |                                                                                                |                                                                                                                                         | ASTM F963 US Public Law<br>110 - 314                        |                                                                           |
|      |                                                                                                |                                                                                                                                         | AOAC official method<br>974.02                              |                                                                           |
| 69   | Textile,<br>Garments,<br>accessories, toy<br>products,<br>plastic, glass &<br>ceramic items    | Total lead and cadmium<br>content in plastic, fabric,<br>glass/ceramics sample &<br>children's metal product<br>including metal jewelry | Inditex's SOP-A-<br>022/023/024)                            | Pb 0.075 – 3<br>mg/kg<br>/ 10 mg/kg<br><br>Cd 0.01-0.5 mg/kg<br>/ 5 mg/kg |
|      |                                                                                                |                                                                                                                                         | RSTS-HL-109-2                                               |                                                                           |
|      |                                                                                                |                                                                                                                                         | (CPSC-CH-E1001-08.1                                         |                                                                           |
|      |                                                                                                |                                                                                                                                         | CPSC-CH-E1002-08.1                                          |                                                                           |
|      |                                                                                                |                                                                                                                                         | USEPA 3051A:2007                                            |                                                                           |
|      |                                                                                                |                                                                                                                                         | USEPA 3052:1996                                             |                                                                           |
|      |                                                                                                |                                                                                                                                         | USEPA 3050B:1996                                            |                                                                           |
| 70   | Textiles,<br>garments,<br>accessories,<br>plastic items,<br>Liquid & powder<br>material        | Heavy Metal & toxic elements<br>(Cadmium, Chromium,<br>Mercury, Lead, Tin & Arsenic).                                                   | ASTM E1613-04                                               | Cd 0.01-0.5 mg/kg<br>/ 5 mg/kg                                            |
|      |                                                                                                |                                                                                                                                         | EN 16711-1:2015                                             |                                                                           |
|      |                                                                                                |                                                                                                                                         | Inditex's SOP-A-<br>022/023/024                             |                                                                           |
|      |                                                                                                |                                                                                                                                         | US Public Law 110-314)                                      |                                                                           |
| 71   | Plastics, metals<br>& packaging<br>materials                                                   | Determination of Toxic<br>elements [Pd, Cd, Cr, Hg] in<br>packaging materials                                                           | RSTS-CHEM-108-1                                             | 0.05 – 3 mg/kg<br>/ 10 mg/kg                                              |
|      |                                                                                                |                                                                                                                                         | (USEPA 3052                                                 |                                                                           |
|      |                                                                                                |                                                                                                                                         | USEPA Method 6010B                                          |                                                                           |
|      |                                                                                                |                                                                                                                                         | USEPA Method 6020)                                          |                                                                           |
| 71   | Plastics, metals<br>& packaging<br>materials                                                   | Determination of Toxic<br>elements [Pd, Cd, Cr, Hg] in<br>packaging materials                                                           | RSTS-SL-108-2                                               | 0.05 – 3 mg/kg<br>/ 10mg/kg                                               |
|      |                                                                                                |                                                                                                                                         | (EPA 3050B                                                  |                                                                           |
|      |                                                                                                |                                                                                                                                         | EPA 3051A, EPA 3052                                         |                                                                           |
|      |                                                                                                |                                                                                                                                         | IEC 62321 Ed1:2008                                          |                                                                           |
|      |                                                                                                |                                                                                                                                         | CPSC-CH-E1001-08.1                                          |                                                                           |
|      |                                                                                                |                                                                                                                                         | CPSC-CH-E1003-09.1                                          |                                                                           |
| 71   | Plastics, metals<br>& packaging<br>materials                                                   | Determination of Toxic<br>elements [Pd, Cd, Cr, Hg] in<br>packaging materials                                                           | CPSC-CH-E1002-08.1)                                         | 0.05 – 3 mg/kg<br>/ 10mg/kg                                               |
|      |                                                                                                |                                                                                                                                         |                                                             |                                                                           |



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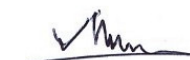
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|------|-----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|
| 72   | Textiles,<br>garments,<br>leather &<br>accessories                                            | Extractable heavy metals<br>Pb,Cd,Cr,Co,Sb,As,Hg,Ni,Mn                                                                                                                                                                                                         | RSTS-CHEM-103-1<br>(ISO 105 E04 :2013<br>EN 16711-2:2015<br>ISO 17072-1: 2011<br>DIN EN ISO 17072-1:2011)                                                                                                                                                            | 0.01 – 3.0 mg/kg<br>/ 0.06 mg/kg                                            |
| 73   | Textiles,<br>garments,<br>accessories, toy<br>products, metal,<br>plastic and<br>coated items | Migration of Certain<br>Element/Toxicity<br>Pb,Cd,Ni,Cr,Co,Cu,Hg,Sb,Al,B<br>,Ba,Se,Sr,As,Sn,Zn,Mn                                                                                                                                                              | RSTS-CHEM-110-3<br>EN 71-3: 2019<br>ASTM F963-23<br>ISO 8124-3                                                                                                                                                                                                       | 0.2 - 10 mg/kg<br>/ 10mg/kg                                                 |
| 74   | Textile,<br>garments,<br>leather, plastic,<br>paper, liquid &<br>powder<br>materials          | Determination of Alkylphenol<br>(AP) & Alkylphenol<br>Ethoxylates (APEO) –<br>Nonylphenol (NP), mixed<br>isomer Octylphenol (OP),<br>mixed isomer Heptylphenol<br>(HP), Pentylphenol (PeP),<br>Nonylphenolethoxylats<br>(NPEO) Octylphenolethoxylats<br>(OPEO) | SOP No. RSTS-CHEM-213-<br>1,<br>(AFIRM test method -AP,<br>EN ISO 21084: 2019,<br>EN ISO 18254-1: 2016,<br>ISO 18254-1:2016,<br>ISO 18218-1: 2023,<br>ISO 18218-2: 2019,<br>EN ISO 18218-1: 2015,<br>Solvent Extraction, analysis<br>by HPLC-MS, GB/T<br>23972:2009) | 0.05-3.0 mg/kg for<br>APEO/1 mg/kg,<br>0.05 – 3.0 mg/kg<br>for AP, /3 mg/kg |
| 75   | Textiles,<br>garments,<br>accessories,<br>footwear,<br>leather, liquid &<br>powder material.  | Determination of Quinoline<br>content.                                                                                                                                                                                                                         | SOP No. RSTS-CHEM-267-1<br>(DIN 54231: 2022)                                                                                                                                                                                                                         | 0.1-3.0 mg/kg, /10<br>mg/kg                                                 |
| 76   | Textile, Liquid or<br>Powder                                                                  | Determination of Navy Blue<br>dye stuff                                                                                                                                                                                                                        | SOP No. RSTS-CHEM-202-<br>1 (DIN 54231: 2022)                                                                                                                                                                                                                        | 0.4-1.0mg /kg, /15<br>mg/kg                                                 |

\*\*\*END\*\*\*



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