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|  | ACCREDITATION DOCUMENT | F-06/02 Issue Date: 18/08/2020 Rev. No: 09 LAB 089 |
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Accreditation No: LAB 089

**Awarded to
S. R. Laboratories (Pvt.) Limited
First Floor, S.P. Chamber S.I.T.E. Karachi, Pakistan.**

The scope of accreditation is in accordance with the standard specifications outlined in the following page(s) of this document. The accredited scope shall be visible and legible in areas such as customer service, sample-receiving section etc and shall not mislead its users.

The accreditation was first time granted on **27-05-2015** by Pakistan National Accreditation Council.

The laboratory complies with the requirements of **ISO/IEC 17025:2017**.

The accreditation requires regular surveillance, and is valid until **26-05-2027**.

The decision of accreditation made by Pakistan National Accreditation Council implies that the organization has been found to fulfill the requirements for accreditation within the scope.

The organization however, itself is responsible for the results of performed measurements/tests.

PAKISTAN NATIONAL ACCREDITATION COUNCIL

26-08-2024
Date

SD
Director General

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Testing Laboratory.

Accreditation Scope of S. R. Laboratories (Pvt.) Limited,
First Floor, S.P. Chamber S.I.T.E Karachi, Pakistan -75700.

Permanent laboratory premises

| Materials/Products tested | Testing field (e.g. environmental testing or mechanical) | Types of test/ Properties measured | Reference to standardized methods |
|--|--|--|---|
| TEXTILE PRODUCTS/ MATERIALS | Physical | Fabric Mass per Unit Area | ASTM D 3776 ISO 3801 SASO 1938 |
| | Physical | Warp & Filling Count (Ends & Picks) | ISO 7211-2 ASTM D 3775 SASO 183 |
| | Physical | Dimensional Changes (Fabric) | AATCC 135 ISO 3759 ISO5077 ISO6330 SASO 2140 |
| | Physical | Dimensional Changes (Garment) | AATCC 150 ISO 3759 ISO5077 ISO6330 |
| | Physical | Skewness After Wash | AATCC 179 ISO 16322-2 |
| | Physical | Colorfastness to Washing | AATCC 61 ISO105:CO6 ISO 105:C 10 SASO 170 |
| | Physical | Colorfastness to Rubbing | AATCC 8 ISO105X12 SASO 2330 |
| | Physical | Determination of Tensile Strength a) Grab Method b) Strip Method | a)ASTM 5034 a)ISO 13934-2 b)ASTM 5035 b)ISO 13934-1 SASO 2139 |

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| TEXTILE PRODUCTS/ MATERIALS | Physical | Tearing Strength (Elmendorf) | ASTM D 1424 ISO 13937-1 SASO 2141 |
| | Physical | Determination of Yarn Number removed from Fabric | ISO 7211-5 ASTM D1059 |
| | Physical | Determination of Linear Density (Count) | ISO 2060 ASTM D1907 |
| | Physical | Lea Strength Skein Method | ISO 6939 ASTM D 1578 |
| | Physical | Pilling Resistance (Martindale tester) | ISO 12945-2 ASTM D 4970 |
| | Physical | Abrasion Resistance (Martindale tester) | ISO 12947-2 ASTM D 4966 SASO 1171 |
| | Physical | Determination of Twist in Yarn | ASTM D 1422 ASTM D 1423 ISO17202 |
| | Physical | Determination of Single-end Breaking Force and Elongation at Break | ISO 2062 ASTM D 2256 |
| | Physical | Unevenness of Textile Strands Using Capacitance Testing | ISO16549 ASTM D 1425 |
| | Physical | Hairiness of yarn by Photo Electric Apparatus | ASTM D 5647 |
| Physical | Physical Composition of Towel | ISO 7211-6 | |

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| TEXTILE PRODUCTS/ MATERIALS | Physical | Tearing Strength (Trouser Shape) | BS EN ISO 13937-2 ASTM D 2661 |
| | Physical | Tearing Strength (Wing Shape) | ISO 13937-3 ASTM D 5587 |
| | Physical | Pilling Propensity – Pilling Box method | BS EN ISO12945-1 |
| | Physical | Random Tumble Pilling | ASTM D 3512 ISO 12945-3 |
| | Physical | Colorfastness to Dry Cleaning | ISO 105-D01 AATCC 132 |
| | Physical | Colorfastness to Perspiration | ISO 105-E04 AATCC 15 |
| | Physical | Colorfastness to Water | AATCC 107 ISO 105-E01 |
| | Physical | Seam Slippage (Fixed Seam Opening Method) | ISO 13936-1 |
| | Physical | Seam Slippage (Fixed Load Method) | ISO 13936-2 |
| | Chemical | Fiber Analysis | AATCC – 20A ISO 1833 ASTM D 629 SASO 781 |
| | Chemical | pH of Aqueous Extracts | AATCC 81 ISO 3071 SASO 2144 |
| | Chemical | Determination of Formaldehyde | JIS L 1041 ISO 14184-1&2 AATCC 112 & 206 |

26-08-2024
Date

Sd.
Director