

	ACCREDITATION DOCUMENT	F-06/02 Issue Date: 10/08/15 Rev. No: 07 LAB 038
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Accreditation No: LAB 038

Awarded to

**APPLIED CHEMISTRY AND RESEARCH CENTRE (ACRC),
Pakistan Council of Scientific & Industrial Research (PCSIR)
Laboratories Complex, Lahore 54600, 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 **24-08-2006** by Pakistan National Accreditation Council.

The laboratory complies with the requirements of **ISO/IEC 17025:2005**.

The accreditation requires regular surveillance, and is valid until **16-06-2019**.

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

17-06-2016

Date

Director General

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Testing Laboratory.

Accreditation scope of **APPLIED CHEMISTRY AND RESEARCH CENTRE (ACRC)**, Pakistan Council of Scientific & Industrial Research (PCSIR) Laboratories Complex, Lahore 54600, Pakistan.

Permanent laboratory premises

Materials/ Products tested	Testing field (e.g. environmental testing or mechanical testing)	Types of test/ Properties measured	Reference to standardized method (e.g. ISO 14577- 1:2003)/ Internal method reference
1. Textile Laboratory			
Textiles	Physical Testing	Colour Fastness to Light: Xenon Arc Fading Lamp Test	ISO 105-B02:2014
		Colour Fastness to Domestic & Commercial Laundering	ISO 105-C06(C2S):2010
		Colour Fastness to Domestic & Commercial Laundering using a Non-phosphate Reference Detergent using a Low-temperature Bleach Activator	ISO 105-C08:2010
		Colour Fastness to Dry Cleaning	ISO 105-D01:2010
		Colour Fastness to Water	ISO 105-E01:2013
		Colour Fastness to Sea-water	ISO 105- E02 :2013
		Colour Fastness to Perspiration	ISO 105-E04:2013
		Colour Fastness to Rubbing	ISO 105-X12:2001
		Fabric Propensity to Surface Fuzzing and to Pilling-Pilling Box Method	ISO 12945-1:2000
Textiles	Physical Testing	Fabric Propensity to Surface Fuzzing and to Pilling	ISO 12945-2:2000

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Materials/ Products tested	Testing field (e.g. environmental testing or mechanical testing)	Types of test/ Properties measured	Reference to standardized method (e.g. ISO 14577- 1:2003)/ Internal method reference
		(Modified Martindale Method)	
		Abrasion Resistance of Fabrics (Martindale Tester)	ISO 12947-2:1998
		Dimensional Changes of Fabrics After Home Laundering	AATCC 135-2014
		Dimensional Changes of Garments After Home Laundering	AATCC 150-2012
		Linear Density of Yarn (Yarn Number) by the Skein Method	ASTM D 1907/D1907M-12
		Warp (End) and Filling (Pick) Count of Woven Fabric	ASTMD3775-12
		Mass per Unit Area (Weight) of Fabric	ASTM D 3776/D3776M-09a
2. Leather Laboratory			
Leather & Leather Made-ups	Chemical Testing	Cr-VI Content	ISO 17075, IULTCS/ IUC 18:2007
		Pentachlorophenol	CLRI & Freiburg Method:1991
		Formaldehyde Content in Leather	ISO 17226-2, IULTCS/IUC 19-2:2008
	Mechanical testing	Tensile strength and percentage extension	ISO 3376, IULTCS/IUP 6:2011
		Circular Rubbing	SLF 5 BS1006:UK-LC
		Tear Load (Double edge)	ISO 3377-2, IULTCS/IUP 8:2015
	Chemical testing	pH Value	ISO 4045, IULTCSIUC 11:2008
	Mechanical testing	Tear Resistance (Single edge) for protective gloves	BS EN 388:2003
		Abrasion Resistance for protective gloves	BS EN 388:2003

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Materials/ Products tested	Testing field (e.g. environmental testing or mechanical testing)	Types of test/ Properties measured	Reference to standardized method (e.g. ISO 14577- 1:2003)/ Internal method reference
		Water Vapour Transmission for protective gloves	BS EN 420:2003
3. Pesticide Residue Laboratory			
Oranges	Chemical testing	Determination of Bifenthrin	AOAC 998.01:2012
		Determination of Deltamethrin	
		Determination of Permethrin	
		Determination of Cypermethrin	
4. Drug Residue Laboratory			
Meat	Chemical testing	Determination of Chloramphenicol residue in meat	LLC/DRL/TM/001

17-06-2016
Date

Director