



**ACCREDITATION  
DOCUMENT**

**F-06/02**  
**Issue Date: 18/08/20**  
**Rev. No: 09**  
**LAB 030**

**Accreditation No: LAB 030**

**Awarded to**

**BV Consumer Products Services Pakistan (PVT) Limited,  
191-S, Quaid-e-Azam Industrial State,  
Lahore, 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 **30-05-2009** 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 **10-12-2024**.

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**

27-11-2023  
Date

SD  
Director General



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### Testing Laboratory

Accreditation Scope of BV Consumer Products Services Pakistan (PVT) Limited,  
 191-S Quaid-e- Azam Industrial Area, Kot Lakhpat, Lahore, 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
Garment / Fabric	Physical Testing	Mass Per unit area (weight)	ASTM D3776-2020
Garment / Fabric	Physical Testing	Dimensional changes to Automatic Home Laundering of woven & knit fabrics	AATCC-135: 2018t
Garment / Fabric	Physical Testing	Breaking strength & Elongation textiles fabric (Grab Test)	ASTM D5034 :2021
Garment / Fabric	Physical Testing	Tearing Strength of fabrics (Single Rip)	ASTM D2261:2017
Garment / Fabric	Physical Testing	Flammability	ASTM D1230: 2017
Garment / Fabric	Physical Testing	Pilling Resistance and other related surface changes of textiles fabrics	ASTM D3512: 2016 Random Pilling Tester
Garment / Fabric	Physical Testing	Color Fastness to Washing (Accelerated)	AATCC-61: 2020
Garment / Fabric	Physical Testing	Color Fastness to Crocking	AATCC-08: 2016e
Garment / Fabric	Physical Testing	Color Fastness to Perspiration	AATCC-15: 2013e
Garment / Fabric	Physical Testing	Smoothness of seams in fabric after repeated Laundering.	AATCC-88B: 2018t
Garment / Fabric	Chemical Testing	Fiber Analysis: Qualitative	AATCC 20:2018e
Garment / Fabric	Chemical Testing	Fiber Analysis	AATCC 20A: 2020
Garment / Fabric	Physical Testing	Water Repellency: Spray Test	AATCC-22: 2017e
Garment / Fabric	Chemical Testing	pH of Water-extract from Wet	AATCC-81: 2016e

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<b>Materials/ Products tested</b>	<b>Testing field (e.g. environmental testing or mechanical testing)</b>	<b>Types of test/ Properties measured</b>	<b>Reference to standardized method (e.g. ISO 14577- 1:2003)/ Internal method reference</b>
Garment / Fabric	Physical Testing	Color Fastness to Light	AATCC16.3-2020
Garment / Fabric	Physical Testing	Color Fastness to Light	ISO-105-B02:2014
Fabric / Product	Physical Testing	Absorbency of Bleached Textiles	AATCC-79: 2018e
Fabric / Product	Physical Testing	Flammability of Textile	16 CFR 1610
Garment / Fabric	Physical Testing	Sharp point in toys and other articles	16CFR 1500.48
Garment / Fabric	Physical Testing	Sharp point in toys and other articles	16CFR 1500.49
Garment / Fabric	Physical Testing	Torque test	16 CFR 1500.50,51-53
Garment / Fabric	Physical Testing	Tension	16 CFR 1500.50,51-53
Garment / Fabric	Chemical testing	Colourfastness to water	BS EN ISO-105-E01(2013)
Garment / Fabric	Chemical testing	Colourfastness to perspiration	BS EN ISO-105-E04 (2013)
Garment / Fabric	Physical Testing	Colourfastness to crocking	BS EN ISO-105-X12 (2016)
Garment / Fabric	Physical Testing	Colourfastness to washing	BS EN ISO-105-C06 (2010)
Garment / Fabric	Physical Testing	Domestic Washing& Drying procedure	BS EN ISO6330 (2021)
Garment / Fabric	Physical Testing	Determination of skew ness/ spirality after laundering	BS EN ISO16322-1 (2005) BS EN ISO16322-2 (2021) BS EN ISO16322-3 (2021)
Garment / Fabric	Physical Testing	Presence of Chocking, aspiration or ingestion hazard because of small parts	16 CFR 1501
Textile/Fabric Product	Chemical Testing	PH of Textile	ISO 3071:2020
Textile/Fabric Products	Analytical Testing	Formaldehyde (Free and Hydrolysed)	ISO14184-1:2011 ISO14184-2:2011

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Textile/Fabric Products	Analytical Testing	Formaldehyde (Released method)	AATCC112: 2020
Textile/Fabric Products	Analytical Testing	Lead in Paint	CPSC-CH-E-1003-09.1
Textile/Fabric Products	Analytical Testing	Lead in Metal	CPSC-CH-E1001-08.3
Textile/Fabric Products	Analytical Testing	Lead in Non-metal	CPSC-CH-E1002-08.3
Textile/Fabric Products	Physical Testing	Pilling Resistance	Martindale ISO 12945-2:2020 ICI Pilling ISO 12945-1:2020
Textile/Fabric Products	Physical Testing	Abrasion Resistance	Martindale ISO 12947-2:2016
Textile/Fabric Products	Physical Testing	Dry cleaning	BS EN ISO 105 D01:2010
Textile/Fabric Products	Physical Testing	Ends & Picks (woven Fabric)	ASTM D3775:2017
Textile/Fabric Products	Physical Testing	Bursting Strength	ASTM D3786:2018
Textile/Fabric Products	Physical Testing	Non- Chlorine bleach	AATCC 172:2016e2
All Textile materials/products	Analytical Testing	Phthalates Content	CPSC-CH-C-1001-09.4
All Textile materials/products	Analytical Testing	Azo Amines	BS EN 14362-1:2017 BS EN 14362-3:2017
Leather	Analytical Testing	Azo Amines	BS EN 17234-1:2020 ISO 17234-2: 2011
All Textile materials/products	Physical Testing	Abrasion Resistance of Textile Fabrics (Flexing and Abrasion Method)	ASTM D3885-2019
All Textile materials/products	Physical Testing	Pilling Resistance and Other Related Surface Changes of Textile Fabrics: Elastomeric Pad	ASTM D 3514-2020
All Textile materials/products	Physical Testing	Abrasion Resistance of Textile Fabrics (Inflated Diaphragm Apparatus)	ASTM D 3886-2015
All Textile materials/products	Physical Testing	Color fastness to Heat: Dry (Excluding Pressing)	AATCC 117 -2019

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All Textile materials/products	Physical Testing	Colorfastness to Heat: Hot Pressing	AATCC 133-2020
All Textile materials/products	Physical Testing	Colorfastness to hot pressing	ISO 105-X11-1994
All Textile materials/products	Chemical Testing	Quantitative chemical analysis	BS EN ISO 1833-4:2017 BS EN ISO 1833-6:2018 BS EN ISO 1833-7:2017 BS EN ISO 1833-11:2017 BS EN ISO 1833-12:2019
Leather & footwear	Analytical Testing	Cr VI Content	ISO 17075:2017 EN ISO 21420:2020 (Clause 4.2-a), DIN53314:1996 /CENTS14495:2003
Leather & footwear	Physical Testing	C/F to Rubbing (Veslic)	ISO 11640:2018 ISO17700-A:2019
Leather & footwear	Physical Testing	C/F to Rubbing (circular)	SATRA TM-8, ISO17700-B:2019
Leather & footwear	Physical Testing	Tear load (double edge)	ISO 3377-2:2016 SATRA TM-162
Leather & footwear	Physical Testing	Tear load (single edge)	ISO 3377-1:2011
Leather & footwear	Physical Testing	Vamp flexing	SATRA TM-25
Leather & footwear	Physical Testing	Toe post Strength	SATRA TM-118
Leather & footwear	Physical Testing	Attachment Strength of Strap	SATRA TM-120
Leather & footwear	Physical Testing	M.D abrasion	SATRA TM-31
Leather & footwear	Physical Testing	Bally Flexing	SATRA TM-55
Leather & footwear	Physical Testing	Lateral Impact Test for Shoe Heel	SATRA TM-20
Leather & footwear	Physical Testing	Heel fatigue	SATRA TM-21

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Leather & footwear	Chemical Testing	Colour Fastness to Water & Perspiration	SATRA TM 335
Leather & footwear	Chemical Testing	Total Ash Content in Leather	ASTM D2617:2017
Leather & footwear	Chemical Testing	Moisture content in Leather	ASTM D3790:2017
Leather & footwear	Chemical Testing	pH of Leather	ASTM D2810:2013
Leather & footwear	Chemical Testing	Volatile Matter In Leather	ISO 4684:2005
Leather & footwear	Chemical Testing	Chloroform Extract in Leather	ASTM D3495:2015
Leather & footwear	Physical Testing	Bally Flexing Resistance of Sole (normal & cold)	ISO 5402-1-2017
Leather & footwear	Physical Testing	Flexing Resistance(VAMP)	ISO 5402-2-2015
Leather & footwear	Physical Testing	Thickness of leather	ISO 2589:2016
Leather & footwear	Physical Testing	Tensile Strength	ISO 3376-2020
All Textile materials/products	Analytical Testing	Method for the Detection and Determination of Alkylphenol ethoxylates (APEO) and Alkylphenol (AP)	EN ISO 18254:2016
All Textile materials/products	Physical Testing	Tensile Properties of Fabrics-Strip Method	BS EN ISO 13934-1:2013
All Textile materials/products	Physical Testing	Tensile Properties of Fabrics- Grab Method	ISO 13934-2:2014
All Textile materials/products	Physical Testing	Tear Properties of Fabrics- Single Tear Method	ISO 13937-2:2000
All Textile materials/products	Physical Testing	Tear Properties of Fabrics- Ballistic Pendulum Method (Elmendorf)	ISO 13937-1:2000
All Textile materials/products	Physical Testing	Tearing Strength of Fabrics by Falling-Pendulum Type (Elmendorf)	ASTM D-1424:2021

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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 /Wastewater	Environment Testing	pH content	APHA, 4500H+ OR CSPD-AN-00651-MTHD
Water /Wastewater	Environment Testing	Total Suspended Solids	EN-MTHD-009:2017 OR CSPD-AN-00649-MTHD
Water /Wastewater	Environment Testing	Total Dissolved Solids	EN-MTHD-008:2017 OR CSPD-AN-00700-MTHD
Water /Wastewater	Environment Testing	Chemical Oxygen Demand	EN-MTHD-002:2017 OR CSPD-AN-00650-MTHD
Water /Wastewater	Environment Testing	Biological Oxygen Demand	EN-MTHD-001:2017 OR CSPD-AN-00652-MTHD
Water /Wastewater	Environment Testing	Oil & Grease	EN-MTHD-032:2017
Water /Wastewater	Environment Testing	Electrical Conductivity	EN-MTHD-003:2017
Wastewater/Sludge	Environment Testing	APEO & AP	CPSD-AN-00556-MTHD
Wastewater/Sludge	Environment Testing	Phthalates	CPSD-AN-00571-MTHD
Wastewater/Sludge	Environment Testing	Dyes – Azo	CPSD-AN-00574-MTHD
Wastewater/Sludge	Environment Testing	Dyes	CPSD-AN-00799-MTHD
Wastewater	Environment Testing	Chlorophenols	CPSD-AN-00578-MTHD
Sludge	Environment Testing	Chlorophenols	CPSD-AN-00578-MTHD
Wastewater	Environment Testing	COCs	CPSD-AN-00576-MTHD
Sludge	Environment Testing	COCs	CPSD-AN-00576-MTHD
Leather/ Gloves/Textile	Physical Testing	General requirement for Glove design and construction	EN ISO 21420:2020 (Clause 4.1)
Leather/ Gloves/Textile	Physical Testing	Water penetration	EN 420:2003+A1:2009 (clause 4.2)

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Leather/ Gloves/Textile	Physical Testing	Sizing	EN ISO 21420:2020 (Clause 5.1)
Leather/ Gloves/Textile	Physical Testing	Dexterity (Pins)	EN ISO 21420:2020 (Clause 5.2)
Leather/ Gloves/Textile	Physical Testing	Water vapour transmission	EN ISO 21420:2020 (Clause 6.3)
Leather/ Gloves/Textile	Physical Testing	Water vapour absorption	EN ISO 21420:2020 (Clause 6.4)
Leather/ Gloves/Textile	Chemical Testing	pH Value	EN ISO 4045:2018, EN ISO 21420:2020 (Clause 4.2-c), EN 1413
Leather/ Gloves/Textile	Physical Testing	Marking	EN ISO 21420:2020 (Clause 7.2)
Leather/ Gloves/Textile	Physical Testing	Protective gloves against mechanical risks	BS EN 388:2016+A1:2018
Leather/ Gloves/Textile	Physical Testing	Abrasion resistance (M.D)	BS EN 388:2016+A1:2018 (Clause 6.1)
Leather/ Gloves/Textile	Physical Testing	Blade cut resistance (coupe test)	BS EN 388:2016+A1:2018 (Clause 6.2)
Leather/ Gloves/Textile	Physical Testing	TDM cut resistance test	BS EN 388:2016+A1:2018 (Clause 6.3)
Leather/ Gloves/Textile	Physical Testing	Tear resistance test	BS EN 388:2016+A1:2018 (Clause 6.4)
Leather/ Gloves/Textile	Physical Testing	Puncture resistance	BS EN 388:2016+A1:2018 (Clause 6.5)
Leather/ Gloves/Textile	Physical Testing	Impact protection	BS EN 388:2016+A1:2018 (Clause 6.6)
Garment / Fabric / Trims	Chemical Testing	Colorfastness to Saliva	DIN 53160 Part 1:2010
Leather	Chemical Testing	Chlorinated Phenols	ISO 17070:2015
Wastewater/Water	Environment Testing	Alkalinity	APHA 2320
Wastewater/Water	Environment Testing	Chlorides	APHA 4500

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Textile, Textile Materials and Accessories	Analytical Testing	Total Cadmium content	EN 1122:2001 Method B; EC 1907-2006;ASTM E1645; ASTM E1613-12
	Analytical Testing	Determination of Phthalates	EN ISO 14389:2014;
	Analytical Testing	Nickel Spot Test	PD CR 12471:2002 DIN 13093:2017
	Analytical Testing	Total heavy metal content by Microwave assisted acid digestion method	ASTM E1645:2020 (Based on USEPA 3051A (Modified); USEPA 3052 (Modified); EN 16711-1:2015 GB/T 30157:2013
	Analytical Testing	PVC Identification Qualitative) (Beilstein & FTIR)	CPSD-AN-00023-MTHD
	Analytical Testing	Chloro-Organic Carriers	EN 17137:2018
	Analytical Testing	Determination of Dimethyl Fumarate (DMFu) content	ISO/TS 16186:2012 DS / EN 17130-2019

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
Textile, Textile Materials and Accessories	Analytical Testing	Determination of Chlorophenols	CPSD-AN-00094-MTHD 64 LFGB B 82.02-8:2001; ISO 17070 (modified) DIN 53313 EC 1935:2004 DIN 500009
	Analytical Testing	Estimation of Nickel Release	BS EN 1811: 2011 + A1: 2015; EN 12472: 2005 + A1:2009 EN 12472:2020
	Analytical Testing	Determining Odour	GB 18401:2003 GB/T 23170:2019 SNV 195651 modified
	Analytical Testing	Formaldehyde by spot test	AATCC TM94-2020

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	Analytical Testing	Total heavy metal content in packaging material (Pb, Cd, Cr and Hg)	CPSD-AN-00065-MTHD, CPSD-AN-00046-MTHD & CPSD-AN-00047-MTHD
	Analytical Testing	Lead Release	EN 16711-3
Leather and leather products	Analytical Testing	Determination of Dimethyl Fumarate (DMFu) content	ISO/TS 16186:2012 DS / EN 17130-2019
	Analytical Testing	Determination of Dimethyl Formamide (DMFa) & N,N-Dimethylacetamide (DMAC)	ISO/TS 16189:2013; EN 17131:2019
	Analytical Testing	Free and released Formaldehyde	ISO/DIS 17226-1:2021; ISO/DIS 17226-2:2018; GB/T 19941-1&2:2019
	Analytical Testing	Determination of Alkylphenolethoxylate (APEO) and Alkylphenol (AP)	ISO 18218-1: 2015 AFIRM
	Analytical Testing	Extractable Heavy Metals content	EN 16711-2; CPSD-AN-00063-MTHD

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
Wastewater & Sludge	Environment Testing	Total Heavy Metal	ISO 17294
	Environment Testing	Chromium (VI)	ISO 18412
	Environment Testing	Colour (436nm; 525nm; 620nm)	ISO 7887-B
	Environment Testing	Total Nitrogen	4500—N C HACH 10072
	Environment Testing	Ammonium-Nitrogen	4500-NH3 F HACH 10031
	Environment Testing	Total Phenols	SM 5530-B/C
	Environment Testing	Sulfate	4500-SO42 C
	Environment Testing	Cyanide	APHA 4500-CN
	Environment Testing	Sulfide	APHA 4500-S2-D,
	Environment Testing	Sulfite	4500-SO32

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Environment Testing	N,N-dimethylformamide (DMFa)	CPSD-AN-00577-MTHD Based on EPA 8270E
Environment Testing	Volatile Organic Compounds (VOC)	CPSD-AN-00577-MTHD Based on USEPA 8260D
Environment Testing	Halogenated Solvents	CPSD-AN-00577-MTHD Based on USEPA 8260D
Environment Testing	Glycols / Glycol Ethers	CPSD-AN-00821-MTHD Based on USEPA 8270E
Environment Testing	Organotin Compounds	CPSD-AN-00575-MTHD Based on ISO 17353
Environment Testing	Bisphenol A	CPSD-AN-00169-MTHD Based on
Environment Testing	Polycyclic Aromatic Hydrocarbons (PAHs)	CPSD-AN-00576-MTHD Based on USEPA 8270E
Environment Testing	% Solids	EPA 160.3, HJ613 at 105oC
Environment Testing	Dissolved Oxygen (DO)	SM 4500-O-G

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
Wastewater & Sludge	Environment Testing	Total Chlorine	SM4500 Cl G
Wastewater & Sludge	Environment Testing	Temperature	USEA 170.1

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