



TURKISH ACCREDITATION AGENCY

ACCREDITATION CERTIFICATE

As a Testing Laboratory

USB CERTIFICATION TEST MUAYENE LABORATUVAR BELGELENDİRME HİZMETLERİ ANONİM ŞİRKETİ

Central Address: KOZYATAĞI MAH. SARIKANARYA SK. No:16/4 KADIKÖY/İSTANBUL İstanbul / Türkiye

is accredited in accordance with TS EN ISO/IEC 17025:2017 standard within the scope given in Annex following the assessment conducted by TURKAK.

Accreditation Number : AB-1890-T

Accreditation Date : 16.08.2024

Revision Date / Number : 23.06.2025 / 02

This certificate shall remain in force until **16.08.2028**, subject to continuing compliance with the standard **TS EN ISO/IEC 17025:2017**, related regulations and requirements.

Gülden Banu Müderrisoğlu
Secretary General



Turkish Accreditation Agency (TURKAK) is a signatory to the European co-operation for Accreditation (EA) Multilateral Agreement (MLA) and International Laboratory Accreditation Cooperation (ILAC) Mutual Recognition Agreement (MRA) in the scope of ISO/IEC 17025.

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 Türk TS EN ISO/IEC 17025 AB-1890-T	USB CERTIFICATION TEST MUAYENE LABORATUVAR BELGELENDİRME HİZMETLERİ ANONİM ŞİRKETİ Accreditation Nr : AB-1890-T Revision Nr: 02 Date: 23.06.2025 Testing Laboratory Address : KOZYATAĞI MAH. SARIKANARYA SK. No:16/4 KADIKÖY/İSTANBUL İstanbul / Türkiye Phone : +90 232 446 4416 Fax : +90 232 446 4912 Email : info@usbcertification.com Website : www.usbcertification.com
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Textile and Leather Products		
Tested Materials / Products	Name of Test	Testing Method (National, International Standards, In-house Methods)
Leather	Determination of Water Vapour Permeability	TS EN ISO 14268
Leather	Determination of pH (Using pH Meter)	TS EN ISO 4045
Textiles	Determination of pH of Aqueous Extract (Using pH Meter)	TS EN ISO 3071
Textiles	Determination of Resistance to Water Penetration Hydrostatic Pressure Test	TS EN ISO 811
Textiles-Fabrics	Determination of Mass Per Unit Area	TS 251 Clause 6
Rubber or Plastics Coated Fabrics	Determination of Coating Adhesion	TS EN ISO 2411
Plastics	Methods for Determining the Density of Non-cellular Plastics	TS EN ISO 1183-1
Leather	Determination of Tear Load Double Edge Tear	TS EN ISO 3377-2
Leather	Determination of Tear Load Single Edge Tear	TS EN ISO 3377-1
Rubber or Plastics Coated Fabrics	Determination of Abrasion Resistance (Using Martindale Abrasion Device)	TS EN ISO 5470-2 Method-2
Footwear-Sole and Sole Materials	Determination of Density	TS ISO 2781 Method A
Footwear	Determination of tensile strength and elongation in uppers, linings and insoles	ISO 17706
Footwear	Test Methods for Uppers, Linings and Insoles — Abrasion Resistance	ISO 17704 TS EN 13520
Textiles	Determination of Free and Hydrolyzed Formaldehyde (Water Extraction Method) (Using UV-VIS Spectrophotometer)	TS EN ISO 14184-1
Leather	Chemical Determination of Formaldehyde Content Method Using Colorimetric Analysis (Using UV-VIS Spectrophotometer)	TS EN ISO 17226-2
Leather	Chemical Determination of Chromium VI (Cr ⁶⁺) Content Colorimetric Method (Using UV-VIS Spectrophotometer)	TS EN ISO 17075-1
Plastics, Packaging Materials	Determination of Phthalate (Using GC-MS)	CPSC-CH-C1001-09.4

Accreditation Scope

 Test TS EN ISO/IEC 17025 AB-1890-T	USB CERTIFICATION TEST MUAYENE LABORATUVAR BELGELENDİRME HİZMETLERİ ANONİM ŞİRKETİ Accreditation Nr : AB-1890-T Revision Nr: 02 Date: 23.06.2025 Testing Laboratory Address : KOZYATAĞI MAH. SARIKANARYA SK. No:16/4 KADIKÖY/İSTANBUL İstanbul / Türkiye Phone : +90 232 446 4416 Fax : +90 232 446 4912 Email : info@usbcertification.com Website : www.usbcertification.com	
Footwear	Determination of Organotin Compounds in Footwear Materials (Using GC-MS)	ISO/TS 16179
Leather	Chemical Determination of Chromium VI (Cr ⁶⁺) Content Chromotographic Method (Using HPLC-DAD)	ISO 17075-2
Leather	Chemical Tests for the Determination of Certain Azo Colourants in Dyed Leathers Determination of Certain Aromatic Amines Derived from Azo Colourants (Using GC-MS, HPLC-DAD)	TS EN ISO 17234-1 BS EN ISO 17234-1 DIN EN ISO 17234-1 ISO 17234-1
Textiles	Methods for Determination of Certain Aromatic Amines Derived from Azo Colorants Detection of the Use of Certain Azo Colorants Accessible without Extraction (Using GC-MS, HPLC-DAD)	TS EN ISO 14362-1 BS EN ISO 14362-1 EN ISO 14362-1 DIN EN ISO 14362-1 ISO 14362-1
Leather	Chemical Tests for the Determination of Certain Azo Colorants in Dyed Leathers Determination of 4-Aminoazobenzene (Using GC-MS, HPLC-DAD)	TS EN ISO 17234-2 BS EN ISO 17234-2 DIN EN ISO 17234-2 ISO 17234-2
Textiles	Methods for Determination of Certain Aromatic Amines Derived From Azo Colorants Detection of the Use of Certain Azo Colorants, which May Release 4- Aminoazobenzene (Using GC-MS, HPLC-DAD)	TS EN ISO 14362-3 BS EN ISO 14362-3 DIN EN ISO 14362-3 EN ISO 14362-3 ISO 14362-3
Leather	Chemical Determination of Formaldehyde Content (Using HPLC-DAD)	TS EN ISO 17226-1 BS EN ISO 17226-1 EN ISO 17226-1 ISO 17226-1
Textile, Leather, Footwear	Determination of Organotin Compounds (Using GC-MS)	ISO/TS 16179
Footwear	Determination of Phthalates in Footwear Components (Using GC-MS)	ISO 16181-1
Rubber or Plastics-coated Fabrics	Determination of Tear Resistance Constant Rate of Tear Methods	TS EN ISO 4674-1 Method B
Leather	Colour Fastness to Water	TS EN ISO 11642
Metal, Plating, Plastic Products	Total Metal Determination of Lead (Pb), Cadmium (Cd), Tin (Sn), Nickel (Ni) (Using XRF Device)	IEC 62321-1 (2011/65 EC ROHS Directive)
Leather	Colour Fastness to Cycles of to-and-fro Rubbing	TS EN ISO 11640
Footwear	Determination of Dimethyl Fumarate (DMFu) in Footwear Components (Using GC-MS)	ISO 16186 BS EN 17130

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Personal Protective Equipments

Tested Materials / Products	Name of Test	Testing Method (National, International Standards, In-house Methods)
Personal Protective Equipment-Footwear	Determination of Upper/Outsole and Sole Interlayer Bond Strength	TS EN ISO 20344 Clause 5.2
Protective Gloves Against Mechanical Risks	Determination of Abrasion Resistance	TS EN 388+A1 Clause 6.1 EN 12477 Clause 5.1
Protective Gloves Against Mechanical Risks	Determination of Blade Cut Resistance	TS EN 388+A1 Clause 6.2
Protective Gloves Against Mechanical Risks	Determination of Cut Resistance	TS EN 388+A1 Clause 6.3 TS EN ISO 13997
Protective Gloves Against Mechanical Risks	Determination of Tear Resistance	TS EN 388+A1 Clause 6.4 TS EN 407 Clause 6.8
Protective Gloves Against Mechanical Risks	Determination of Puncture Resistance	TS EN 388+A1 Clause 6.5
Protective Gloves Against Chemicals and Microorganisms	Air Leak Test	TS EN 374-2 Clause 7.2
Protective Gloves Against Chemicals and Microorganisms	Water Leak Test	TS EN 374-2 Clause 7.3
Protective Gloves	Measurement of glove lenght	TS EN ISO 21420 Clause 6.1
Protective Gloves	Determination of Gloved Finger Dexterity	TS EN ISO 21420 Clause 6.2
Protective Gloves Against Chemicals and Microorganisms	Determination of Resistance to Degradation by Chemicals	TS EN ISO 374-4
Personal Protective Leg Protectors Non-Metallic Perforation Resistant Inserts	Determination of Perforation Resistance	ISO 22568-4 Clause 5.1 TS EN ISO 22568-4 Clause 5.1 TS EN ISO 20344 Clause 5.10 ISO 20344 Clause 5.10
Personal Protective Equipment-Footwear	Determination of Water Vapour Permeability (WVP)	TS EN ISO 20344 Clause 6.6 TS EN ISO 14268 ISO 20344 Clause 6.6
Personal Protective Equipment-Footwear	Dimensions of Perforation Resistant Inserts	TS EN ISO 20344 Clause 5.8 ISO 20344 Clause 5.8
Personal Protective Equipment-Footwear	Determination of the Perforation Resistance of Footwear with a Metallic Perforation Resistant Inserts	TS EN ISO 20344 Clause 5.9
Protective Gloves	Determination of Water Vapor Permeability (For Leather Material)	TS EN ISO 14268 TS EN ISO 21420 Clause 6.3
Foot and Leg Protectors - Penetration Resistant Non-Metal Reinforcements	Environmental Effects (High Temperature Effect, Acid Sweat Effect, Alkali Sweat Effect, Fuel Oil Effect)	TS EN ISO 22568-4 Clause 5.3

Accreditation Scope



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Protective Gloves (Leather)	Determination of Water Vapour Absorption	TS EN ISO 21420 Clause 6.4 ISO 20344 Clause 6.7
Footwear- Upper and Lining	Determination of Water Vapor Permeability and Absorption	ISO 17699
Personal Protective Equipment-Footwear	Determination of Impact Resistance	TS EN ISO 20344 Clause 5.4 ISO 20344 Clause 5.4 DIN EN ISO 20344 Clause 5.4 BS EN ISO 20344 Clause 5.4
Foot and Leg Protectors - Non-Metallic Toe Protectors	Determination of Impact Resistance	ISO 22568-2 Clause 5.3
Foot and Leg Protectors - Non-Metallic Toe Protectors Foot and Leg Protectors - Metallic Toe Protectors	Determination of Impact Resistance	ISO 22568-1 Clause 5.3

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