



TURKISH ACCREDITATION AGENCY

ACCREDITATION CERTIFICATE

As a Testing Laboratory

İZANLAB LABORATUVARLARI ANONİM ŞİRKETİ

Central Address: ÇAMLICA MAH. ANADOLU BLV. H.V BLOK NO:20 V/3 YENİMAHALLE Ankara / 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-1189-T

Accreditation Date : 04.07.2017

Revision Date / Number : 12.09.2024 / 09

This certificate shall remain in force until **02.07.2025**, 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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Accreditation Scope

 TÜRKAK Test TS EN ISO/IEC 17025 AB-1189-T	İZANLAB LABORATUVARLARI ANONİM ŞİRKETİ	
	Accreditation Nr: AB-1189-T Revision Nr: 09 Date: 12.09.2024	
Testing Laboratory		
Address : ÇAMLIÇA MAH. ANADOLU BLV. H.V BLOK NO:20 V/3 YENİMAHALLE Ankara / Türkiye		Phone : +90 312 387 0079 Fax : +90 312 387 0046 Email : info@izanlab.com Website : www.izanlab.com
<i>Seçiniz</i>	Solid Mineral Fuels - Silicon Dioxide (SiO ₂) in Coal and Coke Ash, Aluminum Oxide (Al ₂ O ₃), Iron Oxide (Fe ₂ O ₃), Calcium Oxide (CaO), Magnesium Oxide (MgO), Sodium Oxide (Na ₂ O), Potassium Oxide (K ₂ O), Determination of Titanium Dioxide (TiO ₂), Trimangan Tetraoxide (Mn ₃ O ₄), Diphosphate Pentaoxide (P ₂ O ₅), Sulfur Trioxide (SO ₃) Wavelength Separation XRF Method	ISO 13605

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İZANLAB LABORATUVARLARI ANONİM ŞİRKETİ

Accreditation Nr: AB-1189-T
Revision Nr: 09 Date: 12.09.2024

Construction Materials, Products and Buildings

Tested Materials / Products	Name of Test	Testing Method (National, International Standards, In-house Methods)
Cement and Similar Building Materials	Determination of Main Oxides with XRF (CaO, MgO, Al ₂ O ₃ , SiO ₂ , Fe ₂ O ₃)	TS EN 196-2
Farin and Raw Materials (Clay, Limestone, Marn, Sand) Soil/Rock	After Dry Burning, Organic (TOC) and Total Carbon (TC) Determination (Elemental Analysis)	In-House Method - "Instruction No/SOP No. The Rev. NO" (Modified Standard/Publication)
Cement and Similar Building Materials	Determination of Compressive Strength	TS EN 196-1
Cement and Similar Building Materials	Determination of Loss on Ignition	TS EN 196-2
Cement and Similar Building Materials	Determination of Setting Start Time	TS EN 196-3
Cement and Similar Building Materials	Determination of the Setting End Time	TS EN 196-3
Cement and Similar Building Materials	Expansion Determination	TS EN 196-3
Fly Ash, High Oven Slag	Activity Index Test	TS EN 196-1
Fly Ash, High Oven Slag	Activity Index Test	TS EN 450-1
Fly Ash, High Oven Slag	Activity Index Test	TS EN 15167-1
Cement and Similar Building Materials	Chloride Determination (Titrimetric)	TS EN 196-2
Cement and Similar Building Materials	Determination of Insoluble Residue with Hydrochloric Acid and Sodium Carbonate (Na ₂ CO ₃)	TS EN 196-2
Cement and Similar Building Materials	Sulfate (SO ₃) Determination	TS EN 196-2
Cement and Similar Building Materials	Sulfur (S) Determination	TS EN 196-2
Cement and Similar Building Materials	Pozzolanicity Test for Pozzolanic Cement	TS EN 196-5
Cement and Similar Building Materials	Determination of the Water-Soluble Chromium (VI) Content of Cement	TS EN 196-10
Cement and Similar Building Materials	Determination of Free Calcium Oxide Content in Fly Ash	TS EN 451-1
Cement and Similar Building Materials	Determination of Free Lime	In-House Method - "Instruction No / SOP No. The Rev. NO" (Modified Standard/Publication)





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Aggregates	Determination of Particle Size Distribution (Sieving Method)	TS EN 933-1
Aggregates	Determination of Particle Shape - Flakiness Index	TS EN 933-3
Aggregates	Determination of Particle Shape - Shape Index	TS EN 933-4
Aggregates	Determination of the Resistance to Ware (Micro- Deval)	TS EN 1097-1
Aggregates	Determination of Resistance to Fragmentation with Los Angeles Test	TS EN 1097-2
Aggregates	Determination of Loose Bulk Density and Voids of Aggregates	TS EN 1097-3
Aggregates	Determination of Particle Density and Water Absorption in Coarse Aggregate	TS EN 1097-6
Aggregates	Determination of Particle Density and Water Absorption in Fine Aggregate	TS EN 1097-6
Aggregates	Standard Test Method for Potential Alkali Reactivity of Aggregates (Mortar Bar Method)	TS 13516
Aggregates	Assessment of Fines - Methylene Blue Test	TS EN 933-9
Aggregates	Tests for Thermal and Weathering Properties of Aggregates- Magnesium Sulfate Test	TS EN 1367-2
Cement and Similar Building Materials	Reactive Calcium Oxide (R. CaO) Determination	TS EN 197-1
Farin and Raw Materials (Clay, Limestone, Marn, Sand) Soil / Rock	Determination of Water Content	ASTM D2216

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Minerals and Mineral Ores

Tested Materials / Products	Name of Test	Testing Method (National, International Standards, In-house Methods)
Geological Samples Rock, Soil and Sand Chrome Ore	Determination of Chromium (Cr) Content with Wavelength Dispersive XRF Spectrophotometer	##Please select the standards for which accreditation is requested. If you are applying from a standard that is not in the list, you can add it with the add button. If you are using an in-house method, write your method in the format "Internal Method-"Instruction No/SOP No (Rev No)" (Modified from Standard/Public.)
Geological Samples Rock, Soil and Sand Iron Ore	Determination of Iron (Fe) Content with Wavelength Dispersive XRF Spectrophotometer	##Please select the standards for which accreditation is requested. If you are applying from a standard that is not in the list, you can add it with the add button. If you are using an in-house method, write your method in the format "Internal Method-"Instruction No/SOP No (Rev No)" (Modified from Standard/Public.)
Geological Samples Rock, Soil and Sand Iron Ore	Determination of Silicon Dioxide (SiO ₂), Calcium Oxide (CaO), Magnesium Oxide (MgO), Titanium Dioxide (TiO ₂), Aluminium Oxide (Al ₂ O ₃), Phosphorus (P), Sulphur (S) Wavelength Dispersive XRF Method	##Please select the standards for which accreditation is requested. If you are applying from a standard that is not in the list, you can add it with the add button. If you are using an in-house method, write your method in the format "Internal Method-"Instruction No/SOP No (Rev No)" (Modified from Standard/Public.)
Iron Ore and Concentrates	Determination of Acid-Soluble Iron (II) Content Titrimetric Method	ISO 9035
Geological Samples Rock, Soil and Sand Bauxite	Determination of Aluminium Oxide (Al ₂ O ₃), Silicon Dioxide (SiO ₂), Titanium Dioxide (TiO ₂), Iron (III) Oxide (Fe ₂ O ₃) Wavelength Dispersive XRF Method	##Please select the standards for which accreditation is requested. If you are applying from a standard that is not in the list, you can add it with the add button. If you are using an in-house method, write your method in the format "Internal Method-"Instruction No/SOP No (Rev No)" (Modified from Standard/Public.)

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Products and Materials of Metals and Alloys

Tested Materials / Products	Name of Test	Testing Method (National, International Standards, In-house Methods)
Stainless and Alloy Steels		ASTM E572
Stainless and Alloy Steels		ASTM E572
Stainless and Alloy Steels		ASTM E572
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Chemicals and Chemical Products

Tested Materials / Products	Name of Test	Testing Method (National, International Standards, In-house Methods)

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