



TURKISH ACCREDITATION AGENCY

## ACCREDITATION CERTIFICATE

As a Testing Laboratory

### KAZAN SODA ELEKTRİK ÜRETİM ANONİM ŞİRKETİ

Central Address: BEŞTEPE MAH. SÖĞÜTÖZÜ CAD. NO:14 D 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-1421-T**

**Accreditation Date : 29.03.2019**

**Revision Date / Number : 27.03.2023 / 02**


This certificate shall remain in force until **27.03.2027**, 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.

*This document has been signed by Gülden Banu Müderrisoğlu on {1} with a secure electronic signature in accordance with the electronic signature law numbered 5070. Use the QR code to verify the e-signed document.*

 <p>Test TS EN ISO/IEC 17025 AB-1421-T</p>	<b>KAZAN SODA ELEKTRİK ÜRETİM ANONİM ŞİRKETİ</b>  Accreditation Nr: AB-1421-T Revision Nr: 02 Date: 27.03.2023	
	Testing Laboratory  Address : BEŞTEPE MAH. SÖĞÜTÖZÜ CAD. NO:14 D YENİMAHALLE Ankara / Türkiye Phone : +90 312 969 9801 Fax : - Email : m.avdan@kazansoda.com Website : https://www.kazansoda.com/en/home-page/	

Chemicals and Chemical Products		
Tested Materials / Products	Name of Test	Testing Method (National, International Standards, In-house Methods)
Sodium Carbonate (Na <sub>2</sub> CO <sub>3</sub> )	Total Alkalinity Analysis Titrimetric Method	ASTM E359
Sodium Carbonate (Na <sub>2</sub> CO <sub>3</sub> )	Determination of Sodium Chloride (NaCl) Content by Determination of Chloride (Cl <sup>-</sup> ) Titrimetric Method	ASTM E359
Sodium Carbonate (Na <sub>2</sub> CO <sub>3</sub> )	Determination of Sodium Sulphate (Na <sub>2</sub> SO <sub>4</sub> ) Content by Determination of Sulphate (SO <sub>4</sub> <sup>2-</sup> ) Gravimetric Method	ASTM E359
Sodium Carbonate (Na <sub>2</sub> CO <sub>3</sub> )	Determination of Water Insoluble Matter Gravimetric Method	TS ISO 746
Sodium Carbonate (Na <sub>2</sub> CO <sub>3</sub> )	Bulk Density Determination	ISO 697
Sodium Carbonate (Na <sub>2</sub> CO <sub>3</sub> )	Particle Size Distribution Determination Sieve Method	ASTM E359
Sodium Bicarbonate (NaHCO <sub>3</sub> )	Determination of Sodium Bicarbonate (NaHCO <sub>3</sub> ) Titrimetric Method	TS 1282
Sodium Bicarbonate (NaHCO <sub>3</sub> )	Sodium Carbonate (Na <sub>2</sub> CO <sub>3</sub> ) Determination Titrimetric Method	In-house Method PRL.05.DT.09 (Rev. No 01) (TS 1281)
Sodium Bicarbonate (NaHCO <sub>3</sub> )	Determination of Chloride (Cl <sup>-</sup> ) Titrimetric Method	TS 3050 *It was abolished on 12.05.2022, but it was included in the scope of accreditation for a temporary period based on the request of the CAB.
Sodium Bicarbonate (NaHCO <sub>3</sub> )	Determination of Sulphate (SO <sub>4</sub> <sup>2-</sup> ) Gravimetric Method	TS 3050 *It was abolished on 12.05.2022, but it was included in the scope of accreditation for a temporary period based on the request of the CAB.
Sodium Bicarbonate (NaHCO <sub>3</sub> )	Determination of Water Insoluble Matter Gravimetric Method	TS 10380 *It was abolished on 12.05.2022, but it was included in the scope of accreditation for a temporary period based on the request of the CAB.
Sodium Bicarbonate (NaHCO <sub>3</sub> )	Particle Size Distribution Determination Sieve Method	In-house Method PRL.05.DT.14 (Rev. No:01) (ASTM E359)

This document has been signed by Gülden Banu Müderrisoğlu on {1} with a secure electronic signature in accordance with the electronic signature law numbered 5070. Use the QR code to verify the e-signed document.

