



TURKISH ACCREDITATION AGENCY

## ACCREDITATION CERTIFICATE

As a Testing Laboratory,

**KAZAN SODA VE ELEKTRİK ÜRETİM A.Ş. KALİTE KONTROL  
LABORATUVARI**

İNCİRLİK MAHALLESİ MÜLK KÜME EVLERİ 1.CADDE NO:122  
YENİKENT 06946 ANKARA / TURKEY

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 March 2019

Revision Date / Number : 07 May 2020 / 01

This certificate shall remain in force until **28 March 2023**, subject to continuing compliance with the standard **TS EN ISO/IEC 17025:2017**, related regulations and requirements.



*Banur*  
**G. Banu MÜDERRİSOĞLU**  
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.

Annex of the certificate (Page 1/2)  
Accreditation Scope


 Test TS EN ISO/IEC 17025 AB-1421-T	KAZAN SODA VE ELEKTRİK ÜRETİM A.Ş. KALİTE KONTROL LABORATUVARI	
	Accreditation Nr: AB-1421-T Revision Nr: 01 Date: 07.05.2020	
As a Testing Laboratory		
Address: İNCİRLİK MAHALLESİ MÜLK KÜME EVLERİ 1.CADDE NO:122 YENİKENT 06946 ANKARA/TÜRKİYE		Phone : 0312 9699801 Fax : 08502017530 E-Mail : mehmet.unver@kazansoda.com Website : www.kazansoda.com

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
SODIUM BICARBONATE (NaHCO <sub>3</sub> )	Determination of Sulphate (SO <sub>4</sub> <sup>2-</sup> ) Gravimetric Method	TS 3050
SODIUM BICARBONATE (NaHCO <sub>3</sub> )	Determination of Water Insoluble Matter Gravimetric Method	TS 10380



Annex of the certificate (Page 2/2)

Accreditation Scope

 <p>TÜRKAK Test TS EN ISO IEC 17025 AB-1421-T</p>	<p>KAZAN SODA VE ELEKTRİK ÜRETİM A.Ş. KALİTE KONTROL LABORATUVARI</p> <p>Accreditation Nr: AB-1421-T Revision Nr: 01 Date: 07.05.2020</p>
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Tested Materials / Products	Name of Test	Testing Method (National, International standards, in house methods)
SODIUM BICARBONATE (NaHCO <sub>3</sub> )	Particle Size Distribution Determination Sieve Method	In-house Method PRL.05.DT.14 (Rev. No 01) (ASTM E359)

End of Scope



  
G. Banu MÜDERRİSOĞLU  
Secretary General