

Certificate of Analysis (COA)
Raw Lake Salt
anti-caking treated (E536)

	Chemical Name: Raw Lake Salt	Formula Weight: 58,44 g/mole
	Chemical Formula: NaCl	Identification of Feedstock: Ionic Compound
	CAS and EC No: 7647-14-5 / 231-598-3	Color and Form: White/Crystal

Physical Properties

Sieve Size	Value
(+) 9500 micron	1,5 %
(+) 8000 (-) 9500 micron	4 %
(+) 7000 (-) 8000 micron	5 %
(+) 6000 (-) 7000 micron	5,5 %
(+) 5000 (-) 6000 micron	11 %
(+) 4000 (-) 5000 micron	12,5 %
(+) 3000 (-) 4000 micron	20 %
(+) 2000 (-) 3000 micron	20 %
(+) 1000 (-) 2000 micron	16 %
(+) 0 (-) 1000 micron	3,5 %

BORTERA KİMYA VE TİCARET LİMİTED ŞİRKETİ

Seyrantepe Mahallesi, Altınay Caddesi No: 90, Seyran Apartmanı, İc Kapi No: 12 34418 Kagithane/İstanbul

General Parameters

Parameter	Measured value	Standard value
NaCl amount (Dry basis)	98,90 %	Min. 98,0 %
Sodium (Na)	39,56 %	
Chloride (Cl)	59,34 %	
Moisture	2,0 %	Max. 2,0 %
pH (10 % solution)	6,8	
Water-insoluble material	0,04 %	Max. 0,5 %
Acid-insoluble material	0,03 %	Max. 0,5 %
E536	9-13 mg/kg	Max. 20 mg/kg

Determination of Hardness

Parameter	Measured value
Hardness (German °dH)	42,44
Hardness (French °F°)	75,80
Total hardness (ppm)	3194
Hardness (British °e)	44,88

Other Analysis

Parameter	Measured value	Limit value
Sulfate (SO ₄)	6550 mg/kg	Max. 7000 mg/kg
Arsenic (As)	0 - 0,07 mg/kg	Max. 0,5 mg/kg
Lead (Pb)	0 - 0,08 mg/kg	Max. 2 mg/kg
Mercury (Hg)	0 - 0,05 mg/kg	Max. 0,1 mg/kg
Cadmium (Cd)	0 - 0,05 mg/kg	Max. 0,5 mg/kg
Calcium (Ca)	2116 mg/kg	Max. 2200 mg/kg
Magnesium (Mg)	655 mg/kg	Max. 700 mg/kg
Copper (Cu)	0 - 0,08 mg/kg	Max. 2 mg/kg

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