

TECHNICAL PRODUCT DATA SHEET

Date of Issue : **2.01.2018**

<input type="checkbox"/>	PRODUCT NAME	KNC@RawSalt
<input type="checkbox"/>	PRODUCTION PLACE	Lake Salt in Şereflikoçhisar (Ankara/Turkey)
<input type="checkbox"/>	PRODUCTION PROCESS	It is obtained from the lake water for crystallization and natural progressive evaporation
<input type="checkbox"/>	CHEMICAL PHYSICAL PROPERTIES (DATA OF LITERATURE)	
APPEARANCE	White Crystalline Grains	FORMULA WEIGHT 58.45 g/mole
CHEMICAL NAME	Sodium Chloride	BULK DENSITY 1.2 t/mc
MOLECULAR FORMULA	NaCl	SOLBILITY IN WATER (20°C) 360 g/l
		CAS NUMBER 7647-14-5 (*1)
		EINECS NUMBI 231-598-3 (*2)

CHEMICAL PROPERTIES OF THE PRODUCT

Analytical Data	Value Type	Typical Values	Specifications	Analytical Data	Value Type	Typical Values	Specifications
NaCl Level (in dry basis)	% m/m	98.3	≥ 97.0	Total Copper	mg/kg	< 0.315	< 1
Humidity	% m/m	2.50	< 3.0	Total Lead	mg/kg	< 0.015	< 1
Water - Insoluble Matter	mg/kg	300	< 500	Total Mercury	mg/kg	< 0.014	< 1
Acid- Insoluble Matter	mg/kg	200	< 500	Total Arsenic	mg/kg	< 0.014	< 1
Alkalinity	mg/kg	250	< 5000	Total Cadmiyum	mg/kg	< 0.014	< 1
Sulfate	mg/kg	8000	< 10000	Total Iron	mg/kg	6.355	< 10
E535, Anticaking Agent	mg/kg	If desired	-	Total Aluminium	mg/kg	7.706	< 10
Potassium iodate (KIO3)	mg/kg	If desired	-	Total Zinc	mg/kg	< 4.547	< 5
Total Calcium	mg/kg	2300	< 3000	Total Antimony	mg/kg	< 0.023	< 1
Total Magnesium	mg/kg	500	< 1500	Total Nickel	mg/kg	< 0.015	< 1
Total Potassium	mg/kg	178	< 500	Total Selenium	mg/kg	0.045	< 1
Total Lithium	mg/kg	< 5.138	< 10	Total Beryllium	mg/kg	< 0.682	< 1
Total Barium	mg/kg	< 0.517	< 1	Total Cobalt	mg/kg	< 0.594	< 1
Total Flourine	mg/kg	< 0.645	< 1	Total Tin	mg/kg	< 5.560	< 10
Total Chromium	mg/kg	< 0.586	< 1	Total Manganese	mg/kg	0.828	< 1

PHYSICAL PROPERTIES OF THE PRODUCT

Products	Value Type	Typical Values			
KNC@RawSalt	mm	<9.0 : %98	<6.0 : %85	<3.25 : % 65	<2.0 : 35

THESE VALUES ARE THE AVERAGE OF A SERIES OF CHEMICAL-PHYSICAL CONTROLS MADE OUT OF OUR CONTROL QUALITY LABORATORY. CONVENTIONAL MOISTURE MAY VARY MARGINALLY FROM THE INDICATED VALUES DEPENDING ON THE ENVIRONMENTAL CONDITIONS DURING STOCKAGE. THE PRESENT MATERIAL DATA SHEET IS NOT INTENDED TO ENSURE THE SUITABILITY OF THE PRODUCT FOR THE USE OF WHICH IS DESTINED, AND THEREFORE THE BUYERS ISN'T EXEMPTED OF MAKING HIS OWN CONTROLS BEFORE USE.

1-Chemical Abstracts Service Registry Number.
 2-European Inventory of Existing Commercial Chemical Substances.
 3-The specification to sieve 0.220 mm is %10 maximum.

