

TECHNICAL PRODUCT DATA SHEET

Date of Issue : 17.05.2016

<input type="checkbox"/>	PRODUCT NAME	KNC@Food
<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	CAS NUMBER	7647-14-5 (*1)
CHEMICAL NAME	Sodium Chloride	BULK DENSITY	1.2 t/mc	EINECS NUMBER	231-598-3 (*2)
MOLECULAR FORMULA	NaCl	SOLBILITY IN WATER (20°C)	360 g/l		

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	99.55	≥ 99.5	Total Copper	mg/kg	< 0.16	< 0.2
Humidity	% m/m	0.05	< 0.15	Total Lead	mg/kg	< 0.01	< 0.05
Insoluble Matter	mg/kg	100	< 150	Total Mercury	mg/kg	< 0.002	< 0.05
Sulfate	mg/kg	2250	< 3000	Total Iron	mg/kg	< 8.07	< 10
E535, Anticaking Agent	mg/kg	-	-	Total Aluminium	mg/kg	6.76	< 10
Potassium iodate (KIO3)	mg/kg	-	≤ 100	Total Zinc	mg/kg	< 4.12	< 5
Total Calcium	mg/kg	900	< 1200	Total Antimony	mg/kg	< 2.94	< 5
Total Magnesium	mg/kg	250	< 300	Total Nickel	mg/kg	< 0.111	< 0.2
Total Potassium	mg/kg	70	< 150	Total Selenium	µg/kg	39.95	50
Total Cadmiyum	mg/kg	< 0.007	< 0.01	Total Cobalt	mg/kg	< 0.033	< 0.05

PHYSICAL PROPERTIES OF THE PRODUCT

Products	Value Type	Typical Values		
KNC@Food-1	mm	<0.930 : % 99	<0.600 : % 60	<0.220 : % 7
KNC@Food-2	mm	<1.350 : % 95	<0.930 : % 5	<0.220 : % 0
KNC@Food-3	mm	<1.970 : % 95	<1.350 : % 10	<0.930 : % 0
KNC@Food-4	mm	<3.170 : % 95	<1.970 : % 25	<1.350 : % 0

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 ONTENDED 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.


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