

Technical data sheet



Product name: **Sodium chloride**

Grade: **Laboratory**

Chemical formula: NaCl

Molar mass: 58.44 g/mol

Synonyms: Common Salt; Halite; Pure Dried Vacuum (Pdv) Salt; Rock Salt; Salt; Sea Salt

General information	
Cas- No.	7647-14-5
Ec-No.	231-598-3
Appearance	white solid
Boiling point	1461°C
Melting point	801°C
Bulk density	~ 1140 kg/m ³
Spec.density	2.17 g/cm ³ (20°C)
pH value	.0 – 8.0 (5%, H ₂ O, 20°C)
Vapour pressure	1.3 hPa(865°C)
Solub. In H ₂ O	358 g/l (20°C)
Storage temp	≤+30 °C
R:	N/A
S:	N/A

Specification	
Assay	99-100.5%
Identity A(Sodium)	conforms
Identity B(Chloride)	conforms
Appearance of solution	conforms
Acidity or alkalinity	conforms
Barium	conforms
Sulfate	≤ 0.02 %
Limit of phosphates	≤25 ppm
Iron	≤ 0.002 %
Ferrocyanides	conforms
Iodides	conforms
Magnesium and alkaline-earth metals	≤100 ppm as Ca
Loss on drying (105°C)	≤ 0.5 %

Symbol:

packaging:

Available Pack	1Kg	5Kg	10Kg
P.E	*	*	*
GLASS	-	-	-



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