

## 216 – SODIUM CHLORIDE, AR GRADE

REF NO: TBL/QA/SS/LC/216	STANDARD SPECIFICATION FOR SODIUM CHLORIDE, EXTRA PURE	Rev. No: 03
Issue No: 04		Review Date: 31/10/2024
Issue Date: 01/11/2021		Product code: 216

### PRODUCT PROPERTIES

C.A.S Number	7647-14-5
Chemical Formula	NaCl
Formula weight	58.44
Functional Uses	Sodium Chloride is used in the form of edible or table salt it is commonly used as a condiment and food preservative. Large quantities of sodium chloride are used in many industrial processes, and it is a major source of sodium and chlorine compounds used as feedstock for further chemical syntheses and as laboratory reagent
Standard Packaging	500 gm., 5kg & 50kg

### PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	White or colorless crystalline powder.
Solubility	Freely soluble in water.

### CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Loss on drying (at 105°C)	NMT – 1.0%
Potassium (K)	NMT – 0.05%
Heavy Metals (Pb)	NMT – 5 ppm
Iron (Fe)	NMT – 20 ppm
Assay	NLT – 99.5%

**NOTE:** Please consult the Material Safety Data Sheet for information regarding hazards and safe handling Practices.

