

SODIUM CHLORIDE, 1kg**PG-1420-1KG**

Sodium Chloride is a high-purity inorganic salt widely used in molecular biology, biochemistry, microbiology, cell culture, and analytical laboratories. It is an essential component in the preparation of buffers, saline solutions, culture media, and various laboratory reagents where controlled ionic strength and osmotic balance are required.

Details

Product Name	Sodium Chloride
Description	High-purity laboratory-grade sodium chloride used in buffer preparation, cell culture media, molecular biology, and analytical applications.
Molecular Weight	58.44 g/mol
Appearance	White crystalline powder
Molecular Formula	NaCl
Solubility	Freely soluble in water
pH	5.0 – 9.0 (5% solution at 25°C)
CAS Number	7647-14-5
Storage Condition	Store at 15–30°C in a tightly closed container. Protect from moisture and contamination.
Applications / Uses	Used in preparation of buffers and saline solutions, cell culture media, microbiological media, protein purification, molecular biology procedures, and general laboratory research applications.

Safety

Generally considered non-hazardous under normal laboratory conditions. Avoid excessive dust generation and contact with eyes. Use standard laboratory PPE including gloves, lab coat, and safety glasses.