

SODIUM ACETATE, 3M , pH5.2**PG-894-100ML**

Sodium Acetate, 3M, pH 5.2 is a ready-to-use buffer solution widely used in molecular biology for DNA and RNA precipitation and purification. Its optimized pH improves nucleic acid recovery during alcohol precipitation procedures. Store at room temperature in a tightly closed container to maintain solution

Details

Product Name	Sodium Acetate, 3M, pH 5.2
Description	A ready-to-use aqueous buffer solution commonly used in molecular biology for nucleic acid precipitation and purification. The acidic pH enhances DNA and RNA recovery during alcohol precipitation procedures.
Molecular Weight	82.03 g/mol (Anhydrous Sodium Acetate)
Appearance	Clear, colorless solution
Formula	CH ₃ COONa
Solubility	Completely miscible with water
pH	5.2 ± 0.1
CAS Number	127-09-3
Storage Condition	Store at room temperature (15–30 °C) in a tightly closed container. Protect from contamination.
Applications / Uses	Used for DNA and RNA precipitation, nucleic acid purification, ethanol precipitation protocols, molecular cloning, PCR workflows, and other molecular biology applications.

Safety

Generally considered a low-hazard laboratory reagent. May cause mild irritation to eyes, skin, or respiratory tract upon contact. Wear appropriate PPE including gloves, lab coat, and safety goggles. Avoid ingestion and contact with eyes. Dispose of according to local laboratory regulations.