Sodium acetate

Product Number  S 5889
Store at Room Temperature
24,124-5 is an exact replacement for S 5889

Product Description
Molecular Formula:  C₂H₃O₂Na
Molecular Weight:  82.03
CAS Number:  127-09-3
Synonym:  Acetic acid, sodium salt

This product is designated as ACS Reagent grade, and meets the specifications of the American Chemical Society (ACS) for reagent chemicals.

Sodium acetate is a widely used reagent in molecular biology applications. In addition to being used as a buffer, it is used in the purification and precipitation of nucleic acids,¹²³ protein crystallization,⁴ staining of gels in protein gel electrophoresis⁵, and HPLC.⁶

Sodium acetate may be used as a substrate for acetokinase (acetate kinase).⁷

Precautions and Disclaimer
For Laboratory Use Only. Not for drug, household or other uses.

Preparation Instructions
Sodium acetate is soluble in water (100 mg/ml), yielding a clear, colorless solution. The pH of a 0.1 M aqueous sodium acetate solution at 25 °C is 8.9.⁸

References
8. The Merck Index, 12th ed., Entry# 8711.