

ChemiPURE Sodium Bicarbonate, >99.5%

1 kg

Cat No: SBC10

Shipping : Ship at ambient temperature.

Storage : Store at room temperature (15–25°C) in a tightly closed container.

General Information

ChemiPURE Sodium Bicarbonate (NaHCO₃) is a high-purity, molecular biology grade reagent suitable for routine biochemical, molecular biology, and cell-culture laboratory applications. Sodium bicarbonate is commonly used as a bicarbonate source and buffering component in aqueous biological systems.

In cell-culture applications, sodium bicarbonate is widely used as part of bicarbonate/CO₂ buffering systems to support maintenance of physiological pH. It is also useful in the preparation of laboratory buffers, media, and other aqueous solutions where controlled bicarbonate buffering is required.

ChemiPURE Sodium Bicarbonate is supplied as a high-purity white powder and is readily soluble in water, providing reliable performance for routine research workflows requiring a molecular biology grade bicarbonate reagent.

Applications

- Preparation of bicarbonate/CO₂ buffer systems
- Cell-culture media preparation and pH buffering
- Molecular biology and biochemistry buffer preparation
- Preparation of aqueous laboratory solutions
- General cell biology and biochemical research applications

This product is sold for laboratory research use only.

CAS Number: 144-55-8

Molecular Weight: 84.01

Molecular Formula: NaHCO₃

Grade: Molecular Biology Grade

Purity: >99.5%

Appearance: White powder

Solubility: Soluble in water (100 mg/mL)

Storage Temperature: Room Temperature