

Sodium bicarbonate solution, 7.5% (W/V)

<u>Product Name</u>	<u>Product Code</u>	<u>Packing</u>
Sodium bicarbonate solution, 7.5% (W/V)	ML170-100ML	100 ml

Introduction:

Sodium bicarbonate solution, 7.5% (W/V) is used as a buffer in molecular biology, tissue culture and biochemical experiments.

Description:

Sodium bicarbonate is commonly used as a pH buffering agent, an electrolyte replenisher, systemic alkalizer and in topical cleansing solutions. Sodium Bicarbonate is buffer commonly used for maintaining the pH of cell culture medium in the presence of 4–10% carbon dioxide. In addition to buffering, sodium bicarbonate provides some nutritional benefit, while rarely displaying any cell toxicity.

Composition:

Sodium bicarbonate solution, 7.5% (W/V) consists of extra pure MB grade Sodium bicarbonate. This solution is ready for use and require no extra preparation.

Properties:

Appearance	: Colorless solution
Clarity	: Clear and free of particles
DNase & RNase	: None detected
Sterility	: No Bacterial or Fungal growth observed after 14 days of incubation as per USP Specifications
Suitability Test	: This solution has been tested and is suitable for use

Storage conditions:

Sodium bicarbonate solution, 7.5% (W/V) has to be stored at room temperature (15-25°C). Under recommended condition, the reagent is stable for 48 months.

Please refer disclaimer Overleaf.

Warning and Precautions

Not for Medicinal Use. Read the SDS carefully before beginning the protocol. Wear protective gloves/protective clothing/eye protection/face protection. Follow good clinical laboratory practices while handling clinical samples. Standard precautions should be followed as per established guidelines. Safety guidelines may be referred in safety data sheets of the product.

Performance and Evaluation

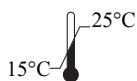
Performance of the solution is expected when the solution is stored at recommended temperature and within the expiry period.

Safety Information

The Sodium bicarbonate solution, 7.5% (W/V) is for laboratory use only, not for drug, household or other uses. Take appropriate laboratory safety measures and wear gloves and safety goggles when handling. Not compatible with disinfecting agents containing bleach. Please refer the Safety Data Sheet (SDS) for information regarding hazards and safe handling practices.

Technical Assistance

At HiMedia we pride ourselves on the quality and availability of our technical support. For any kind of technical assistance, mail at mb@himedialabs.com.



Storage temperature



Do not use if package is damaged



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