3M Sodium acetate, pH 5.2 – 5.4

Product Name	Product Code	Kit Packing
3M Sodium acetate pH 5.2 – 5.4	ML009-100ML ML009-500ML	100 ml 500 ml

Intended Use

Recommended for various Molecular Biology experiments.

Introduction

Sodium acetate is the conjugate base of acetic acid, which is a weak acid. A solution of sodium acetate and acetic acid acts as a buffer to keep a relatively constant pH. The useful buffering range is pH 3.6-5.6. It has many biochemical applications where reactions are pH dependent.

Description

Sodium acetate is a widely used reagent in molecular biology applications. It is used as a buffer in conjunction with acetic acid, in the buffering range of pH 3.6 - 5.6. 3M Sodium acetate solution is useful for DNA purification and storage and is routinely used in DNA and RNA Precipitation.

Application

3M Sodium acetate is commonly used in nucleic acid precipitation, protein crystallization, protein gel staining and in HPLC. This solution is mainly used for nucleic acid precipitation.

Composition

3M Sodium acetate, pH 5.2 - 5.4 is made from highly pure molecular biology grade Sodium acetate and conveniently premixed to save time.

Properties

Appearance/ Color/ Clarity	:	Colorless clear solution and free of particles
pH	:	5.2 - 5.4
DNase & RNase	:	None detected
Suitability test	:	This solution has been tested and is suitable for use in various Molecular Biology applications.

Storage conditions

3M Sodium acetate, pH 5.2 - 5.4 has to be stored at room temperature (15-25°C).
Under recommended condition, the reagent is stable for 48 months.

ISO 9001-2015 CERTIFIED
WHO GMP CERTIFIED
ISO 13485-2016 CERTIFIED

Registered Office
HiMedia Laboratories Pvt Ltd.
Plot No. C-40, Road No. 21Y, MIDC, Wagle Industrial Estate,
Thane, (West) 400604, Maharashtra, INDIA.
Customer Care No.: 00-91-22-6116 9797
Tel : 00-91-22-6147 1919, 6903 4800
Fax : 6147 1920
Web : www.himedialabs.com
Email : info@himedialabs.com
mb@himedialabs.com

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 3M Sodium acetate, pH 5.2 - 5.4 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.

Symbol

	Manufacturer		Do not use if package is damaged
	Batch code		Temperature limit
	Date of manufacture (YYYY-MM)		Consult instructions for use
	Use-by date (YYYY-MM)		Catalogue number

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