



Technical Data

Sterile Phosphate Buffered Saline Solution, pH 7.0

R039

Sterile Phosphate Buffered Saline Solution, pH 7.0 is used as general diluent and, suspending fluid. It is also commonly used in biological research. It helps to maintain a constant pH and, ion concentrations of the solutions.

Composition**

Ingredients

Sodium dihydrogen orthophosphate	5.350 gm
Di-sodium hydrogen phosphate anhydrous	23.550 gm
Sodium chloride	40.00 gm
Distilled water	1000 ml

**Formula adjusted, standardized to suit performance parameters

Sterility Testing

Sterility of sterile phosphate buffered saline was checked by incubating at 30-35°C for bacteria and at 20-25°C for fungi up to 14 days.

Quality Control

Appearance

Colourless clear solution.

Clarity

Clear with no insoluble particles.

Reaction

Reaction of the solution at 25°C.

pH

7.0 ± 0.02

Storage and Shelf Life

Store between 10- 30°C. Use before expiry date on the label.

Reference

1) Delloyd's Lab Tech resources reagent and solution: Preparation of pH buffer solutions.

Revision : 1 / 2015



Disclaimer :

User must ensure suitability of the product(s) in their application prior to use. Products conform solely to the information contained in this and other related HiMedia™ publications. The information contained in this publication is based on our research and development work and is to the best of our knowledge true and accurate. HiMedia™ Laboratories Pvt Ltd reserves the right to make changes to specifications and information related to the products at any time. Products are not intended for human or animal or therapeutic use but for laboratory, diagnostic, research or further manufacturing use only, unless otherwise specified. Statements contained herein should not be considered as a warranty of any kind, expressed or implied, and no liability is accepted for infringement of any patents.

HiMedia Laboratories Pvt. Ltd. A-516, Swastik Disha Business Park, Via Vadhani Ind. Est., LBS Marg, Mumbai-400086, India. Customer care No.: 022-6147 1919
Email: techhelp@himedialabs.com Website: www.himedialabs.com