

Butterfield's Phosphate Buffered Dilution Water



Buffer used for the preparation of microbiological dilutions in plate count and other laboratory processes.

* Equally use with MFDS (MB-B0721K) and KP (MB-B0721P).

• CONTENTS (L)

Monopotassium Phosphate	34.0 g
Sodium Hydroxide	7.0 g

Storage condition : Store at 2 - 6°C

• PROCEDURE

Aseptically take 1 mL of buffer and dilute 800 mL of sterilized distilled or deionized water.

• INTERPRETATION

Butterfield's Phosphate Buffered Dilution Water is a buffer used for the preparation of microbiological dilutions in plate count and other laboratory processes. The pH of buffer will be approximately 7.2 ± 0.2 .

• QUALITY CONTROL FOR USE

Appearance: clear
Color: colorless

• STORE

Store the buffer at 2 - 6°C in its original package tightly closed and use it before the expiry date on the label. Keep away from sources of heat and avoid excessive changes of temperature.

• REFERENCE

1. American Public Health Association. 2012. Standard Methods for the Examination of Water and Wastewater, 22nd ed. APHA, Washington, D.C.
2. U.S. Food and Drug Administration. Bacteriological Analytical Manual. AOAC, Arlington, VA. <http://www.fda.gov/Food/FoodScienceResearch/LaboratoryMethods/ucm2006949.htm>.
3. Association of Official Analytical Chemists. Official Methods of Analysissm, AOAC, Washington, D.C.
4. American Public Health Association. 2012. Standard Methods for the Examination of Dairy Products, 22nd ed. APHA, Washington, D.C.
5. APHA Technical Committee on Microbiological Methods for Foods. 2001. Compendium of Methods for the Microbiological Examination of Foods, 4th ed. APHA, Washington, D.C.
6. Refer to the MFDS and the KP.

• PACKAGE

Cat. No : MB-B0721 Butterfield's Phosphate Buffered Dilution Water	1 L
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