TMTH 006- PHOSPHATE BUFFER pH 7.0 (USP)

INTENDED USE
Used as a diluent.

PRODUCT SUMMARY AND EXPLANATION
Phosphate buffer pH 7.2 is formulated as described in USP. The phosphate buffer is required for the antibiotic preparation used in antibiotic assay. It is used in preparation of dilutions.

COMPOSITION

Ingredients	Gms / Ltr
Distilled water	1000.000
Potassium dihydrogen phosphate	27.220

50 ml of the above solution is taken in 200 ml volumetric flask Add 29.1 ml of 0.2M Sodium hydroxide solution and make up the volume to 200 ml

PRINCIPLE
The tubes contain 9 ml of phosphate buffer which is used to prepare serial dilutions.

INSTRUCTION FOR USE
Inoculate the sample and Incubate at specified temperature and time.

QUALITY CONTROL SPECIFICATIONS

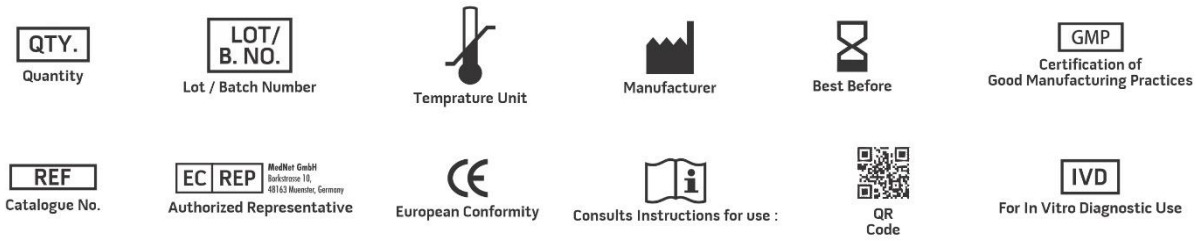
Appearance of prepared medium	:	Colourless, clear solution
Quantity of Medium	:	09 ml of medium in tubes.
pH (at 25°C)	:	7.0 ± 0.2
Sterility Check	:	Passes release criteria

PACKAGING:
Pack of 25 Ready-To-Use Liquid Medium tubes containing 9 ml in each tube.
Pack of 50 Ready-To-Use Liquid Medium tubes containing 9 ml in each tube.

STORAGE
On receipt, store tubes in the dark at 10-25 °C. Avoid freezing and overheating. Do not open until ready to use. Minimize exposure to light. Tubed media stored as labeled until just prior to use may be inoculated up to the expiration date and incubated for the recommended incubation times. Allow the medium to warm to room temperature before inoculation.

DISPOSAL
User must ensure safe disposal by autoclaving and/or incineration of used or unusable preparations of this product. Follow established laboratory procedures in disposing of infectious materials and material that comes into contact with clinical sample must be decontaminated and disposed of in accordance with current laboratory techniques.

REFERENCES
1. The United States Pharmacopoeia, 2013, The United States Pharmacopoeial Convention. Rockville, MD.
2. Isenberg, H.D. Clinical Microbiology Procedures Handbook. 2nd Edition.
3. Jorgensen,J.H., Pfaller , M.A., Carroll, K.C., Funke, G., Landry, M.L., Richter, S.S and Warnock., D.W. (2015) Manual of Clinical Microbiology, 11th Edition. Vol. 1.



NOTE: Please consult the Material Safety Data Sheet for information regarding hazards and safe handling Practices.

***For Lab Use Only**

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