

Limitations :

1. Further biochemical and serological tests must be carried out for further identification.

Performance and Evaluation

Performance of the medium is expected when used as per the direction on the label within the expiry period when stored at recommended temperature.

Quality Control

Appearance

Cream to yellow homogeneous free flowing powder

Colour and Clarity of prepared medium

Light amber coloured, clear solution without any precipitate

Reaction

Reaction of 2.03% w/v aqueous solution at 25°C. pH : 7.1±0.2

pH

6.90-7.30

Cultural Response

Cultural characteristics after an incubation at 46±0.5°C for 24-48 hours.

Organism	Inoculum (CFU)	Growth	H ₂ S	Gas
<i>Clostridium perfringens</i> ATCC 12924	50-100	luxuriant	positive reaction, blackening of medium	positive reaction
<i>Clostridium perfringens</i> ATCC 13124 (00007*)	50-100	luxuriant	positive reaction, blackening of medium	positive reaction
<i>Clostridium sporogenes</i> ATCC 19404 (00008*)	50-100	luxuriant	negative reaction	positive reaction
<i>Clostridium sporogenes</i> ATCC 11437	50-100	luxuriant	negative reaction	positive reaction

Key : *Corresponding WDCM numbers.

Reference

1. European Pharmacopoeia, 2002, Suppl.4.2. (2001). Chp. 2.6.13, 4th Ed., Council of Europe, Strasbourg
2. British Pharmacopoeia, 2004, The Stationery office British Pharmacopoeia.
3. Czeczulin J. R., Hanna P. C., Mcclane B. A., 1993, Infect. Immun., 61: 3429-3439.
4. International Organization for Standardization (ISO), 1997, Draft ISO/DIS 7937:1997.

Revision : 1 / 2011

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.