



Bromo Cresol Purple Indicator

I003

Intended use

Bromo Cresol Purple Indicator is recommended as a protein probe in spectrophotometric determination of serum albumin.

Composition**

Ingredients

Bromocresol Purple Sodium salt	0.04 gm
Distilled water	100.0 ml

Note: Grind the indicator in mortar and then dilute to 100 ml by using distilled water.

**Formula adjusted, standardized to suit performance parameters

Directions

1. Bromo Cresol Purple Indicator has wide range of application so follow appropriate direction as per application protocol.

Principle And Interpretation

Bromocresol purple or 5,5,3-dibromo-o-cresolsulfophthalein, is a dye of the triphenylmethane family. It is a pH indicator. It is colored yellow below pH 5.2, and violet above pH 6.8. Bromocresol Purple is a water-soluble dye used as a protein probe. It has been used in the spectrophotometric determination of serum-albumin. In microbiology, it is used for staining dead cells based on their acidity, and for the isolation and assaying of lactic acid bacteria.

Type of specimen

Biological sample

Specimen Collection and Handling

Follow appropriate techniques for handling specimens as per established guidelines.

Warning and Precautions

In Vitro diagnostic use only. Read the label before opening the container. Wear protective gloves/protective clothing/eye protection/face protection. Follow good microbiological lab practices while handling specimens and culture. Standard precautions as per established guidelines should be followed while handling clinical specimens. Safety guidelines may be referred in individual safety data sheets.

Limitations

1. An indicator is not functional above its pH range because the indicator does not change color at these pH values.
2. If the substance or sample is contaminated, the color may be wrong.
3. Acid-base indicators show just one- or two-color changes.

4. Indicators measure pH at low accuracy, they only indicate sample acidity or alkalinity and not exact pH

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** : Purple coloured solution.
- **Clarity** : Clear solution, without any insoluble particles.
- **Reaction** : At pH 5.2, the indicator turns yellow and at pH 6.8, the indicator is purple.

Storage and Shelf Life

Store between 10- 30°C in tightly closed container and away from bright light. Use before expiry date on label. On opening, product should be properly stored in dry ventilated area protected from extremes of temperature and sources of ignition. Seal the container tightly after use.

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.

Reference



Storage temperature



Do not use if package is damaged



In vitro diagnostic medical device



CE Marking



HiMedia Laboratories Pvt. Limited,
C-40, Road No.21Y, MIDC, Wagle
Industrial Area, Thane (W) - 400604,
MS, India



CEpartner4U,ESDOORNLAAN 13,3951
DB MAARN,The Netherlands,
www.cepartner4u.eu

Revision : 02/2022

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.