Thymol Blue Indicator

**Intended Use:**
It is recommended as a pH indicator.

**Principle And Interpretation**
Thymol blue is used as a pH indicator. It transitions from red to yellow at pH 1.2–2.8 and from yellow to blue at pH 8.0–9.6. It is usually a component of Universal indicator (1).

**Ingredients**
- Thymol blue: 0.04gm
- Distilled water: 100.0ml

**Quality Control**

**Appearance**
Dark blue coloured solution.

**Clarity**
Clear without any particles

**Reaction**
Reaction of solution is a colour change of red to yellow at pH 1.2 to 2.8 and from yellow to blue at pH 8 to 9.6 respectively

**Intended Use:**
It is recommended as a pH indicator.

**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.

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

**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 (3,4).
Reference

1. Chemistry infolab reagents and resources; The preparation of titration indicators; Dhanal De Lloyd, chem. Dept
2. Text Book of Medical Laboratory Technology; Praful B. Godkar

Disclaimer:
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