



## Bromo Thymol Blue Indicator

I005

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It is recommended as a pH indicator used in applications that require measuring substances that would have a relatively neutral pH.

### Composition\*\*

#### Ingredients

Bromothymol blue sodium salt	0.04 gm
Distilled water	100.0ml

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

\*\*Formula adjusted, standardized to suit performance parameters

### Principle And Interpretation

\$TQOQVJ[OQN DNWG CNUQ MPQYP CU DTQOQVJ[OQN UWNHQPGRJVJCNGKPCRRNKECVKQPU VJCV TGSWKTG OGCUWTKPI UWDUVCPEGU VJCV YQWNF JCX OGCUWTKPI VJG RTGUGPEG QH ECTDQPKE CEKF KP C NKSWKF \$TQOQVJ[CDG KP RTQVQPCVGF QT FGRTQVQPCVGF HQTO CRRGCTKPI [GNNQY QT DNWGFGR TQVQPCVKQP QH VJG PGWVTCN HQTO TGUWNVU KP C JKIJN[ EQPLWICVGPVGTGOFKCVG QH VJG FGRTQVQPCVKQP OGEJCPKUO KU TGURQPUKDNG HQ

qmhmfmc qdb tshnmr

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.

### Quality Control

#### Appearance

Dark ink blue coloured solution

#### Clarity

Clear without any particles

#### Reaction

At pH 6.0, the solution turns yellow and at pH 7.6, the solution is blue.

#### Sensitivity (As per IP)

A mixture of 0.3ml of the solution and 100ml of carbone dioxide free water is yellow. Not more than 0.1ml of 0.02M sodium hydroxide is required to change the colour to blue.

### 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.