

# Certificate of Analysis

## Bromophenol blue

<b>Product Number</b>	PSR41045-5G	<b>CAS No.</b>	115-39-9
<b>Brand</b>	PureSynth	<b>Lot No.</b>	TKT01SR
<b>Molecular Formula</b>	C <sub>19</sub> H <sub>10</sub> Br <sub>4</sub> O <sub>5</sub> S	<b>Date of Mfg.</b>	Jan.2023
<b>Molecular Weight</b>	669.99 g/mol	<b>Date of Exp.</b>	Dec.2025

<b>Test</b>	<b>Specification</b>	<b>Result</b>
Appearance (Colour)	Faint orange to red or Purple	Faint orange
Appearance (Form)	Crystalline powder	Crystalline powder
Loss on drying	NMT 1.0 %	0.3 %
Absorbance [A]		
At 436 nm	350 - 385	357
Change range (pH 3.0 – 4.6)	Complying	Complying
Suitability as indicator	Passes test	Passes

**Condition:** Store at room temperature and keep the container tightly closed.

**Remark:** The batch complies with the prescribed quality of the above specification.

Approved By  
Head - Technical

*This is a computer-generated report -does not required sign*

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