

# garuda chemicals

**Office:**

15/605-606 Mayuresh C.H.S., Majaswadi MHADA Colony, Off Mahakali Caves Road, Andheri (East), Mumbai-400 093. India.

**Tel.**

+91.22.2820.1198 • +91.22.2821.5596

**Fax**

+91.22.2820.1201

**Email**

gcsales@garudachem.com

**Factory:**

B-46 M.I.D.C., Lote-Parshuram, Tal.: Khed, Dist.: Ratnagiri. 415 722 Maharashtra. India

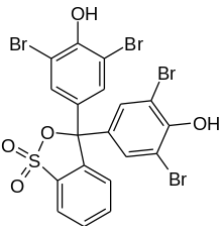
**Tel.**

+91.2356.27.2157

**Email**

gcfactory@garudachem.com

## SPECIALITY DYESTUFF

<b>Product:</b>	<b>Bromophenol Blue, ACS Grade</b>
<b>CAS #:</b>	115-39-9
<b>Synonyms</b>	3',3'',5',5''-Tetrabromophenol-Sulphonthalein; Bromophenol Blue, Indicator; Tetrabromophenol Blue; BPB
<b>Molecular Formula:</b>	C <sub>19</sub> H <sub>10</sub> Br <sub>4</sub> O <sub>5</sub> S
<b>Molecular Weight:</b>	669.96
<b>Structural Formula:</b>	
<b>Description:</b>	Yellow to brown crystalline powder
<b>Transition Range:</b>	pH 3.0 to pH 4.6. (Greenish yellow to Blue Violet)
<b>Absorptivity 1%:</b>	
<b>At λ max. 437.0 NM:</b>	(pH 3.0) – 377
<b>At λ max. 591.0 NM:</b>	(pH 4.6) – 987
<b>Solubility:</b>	Clear yellow solution. (0.1% EtOH)
<b>Loss on Drying:</b>	1.0% max. at 110.0°C.
<b>Assay:</b>	95.0% min.

## Related Information

We offer packing customised to customer-requirement. Standard packing for this product is 25.0 kilos net, new, polylined, HDPE drums.

We mostly keep small quantities of this material in ready stock.

Please enquire for updated information on delivery schedule, pricing and payment terms to <gcsales@garudachem.com>

**H.T.S.#:** 3204.1300.90

**Known Applications:**

In solution at pH 3.6 the dye has a characteristic green red color. Acid-Base indicator between pH 3.0 and 4.6. It changes from yellow at pH 3.0 to purple at pH 4.6; this reaction is reversible. Bromophenol blue is structurally related to phenolphthalein.