

garuda chemicals

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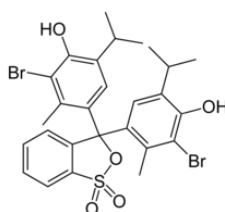
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SPECIALITY DYESTUFF

Product:	Bromothymol Blue, ACS Grade
CAS #:	76-59-5
Synonyms	3,3''-Dibromothymolsulphonphthalein; BTB; 3',3''-Dibromothymolsulphonphthalein; Bromothymol Blue, indicator
Molecular Formula:	C ₂₇ H ₂₈ Br ₂ O ₅ S
Molecular Weight:	624.39

Structural Formula:

Description:	Light pinkish-white to brown crystalline powder
Transition Range:	pH 5.8 to pH 7.6. (Yellow to Blue)
Absorptivity 1%:	
At λ max. 432.0 NM:	(pH 5.8) – 260 to 300
At λ max. 616.0 NM:	(pH 7.6) – 470 to 520
Solubility:	Clear yellow solution. (0.1% EtOH)
Loss on Drying:	3.0% max. at 110.0°C.
Assay:	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:	chemical indicator for weak acids and bases; observing photosynthetic activities or respiratory indicators; weak acid in solution; laboratory biological slide stain; managing pH of pools and fish tanks, and measuring the presence of carbonic acid in a liquid; used in obstetrics for detecting premature rupture of membranes