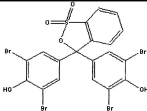


**OFFICE****Location:** 312, Pearl Apts; 2<sup>nd</sup> Dec. St, Satwa Dubai UAE**Postal Address:** P.O. Box 414360 Dubai UAE**Ph:** + (971)-4-355 3390 **Email:** [info@inovamolecules.com](mailto:info@inovamolecules.com)**FACTORY****Location:** Sh. A17-18 Emirates Industrial Estate; Umm Al Quwain, UAE**Ph:** + (971)-4-355 3390 **Email:** [factory@inovamolecules.com](mailto:factory@inovamolecules.com)**BROMOPHENOL BLUE ACS GRADE****(PART NUMBER: 50-30-1153990)****TECHNICAL DATA**

CAS #	115-39-9
HTS#	3204.1300.90
SYNONYMS	3',3'',5',5''-Tetrabromophenol-Sulphonthalein; Bromophenol Blue, Tetrabromophenol Blue; Tetrabromosulphonaphthalein; BPB.
MOLECULAR FORMULA	C <sub>19</sub> H <sub>10</sub> Br <sub>4</sub> O <sub>5</sub> S.
MOLECULAR WEIGHT	669.96.
STRUCTURAL FORMULA	
DESCRIPTION	Yellow to brown crystalline powder.
TRANSITION RANGE	pH 3.0 to pH 4.6. (Greenish yellow to Blue Violet).
ABSORPTIVITY 1%	
At λ max. 437.0 NM:	(pH 3.0) – 377
At λ max. 591.0 NM:	(pH 4.6) – 987.
SOLUBILITY	Clear yellow solution. (0.1% EtOH).
LOSS ON DRYING	1.0% max. at 110.0C.
ASSAY	95.0% min.

**COMMERCIAL DATA**

STANDARD PACKAGING	25 kgs. (net) new, polylined, HDPE drums. We keep small quantities of this material in ready stock
KNOWN APPLICATIONS	Colour marker; dye at neutral pH, absorbs red light most strongly and transmits blue light; at pH 3.6 has a characteristic green red color. substance with the highest known value of Kreft's dichromaticity index; 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.

**CONTACT INFORMATION**

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