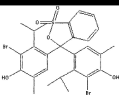


**OFFICE****Location:** 312, Pearl Apts; 2<sup>nd</sup> Dec. St, Satwa Dubai UAE**Postal Address:** P.O. Box 414360 Dubai UAE**Ph:** + (971)-4-355 3390 **Email:** [info@inovamolecules.com](mailto:info@inovamolecules.com)**FACTORY****Location:** Sh. A17-18 Emirates Industrial Estate; Umm Al Quwain, UAE**Ph:** + (971)-4-355 3390 **Email:** [factory@inovamolecules.com](mailto:factory@inovamolecules.com)**BROMOTHYMOL BLUE, ACS GRADE****(PART NUMBER: 50-30-7659500)****TECHNICAL DATA**

|                     |                                                                                                               |
|---------------------|---------------------------------------------------------------------------------------------------------------|
| CAS #               | 76-59-5                                                                                                       |
| HTS#                | 3204.1300.90                                                                                                  |
| SYNONYMS            | 3,3''-Dibromothymolsulphonephthalein; BTB; 3',3''-Dibromothymolsulphonphthalein; Bromothymol Blue, indicator. |
| MOLECULAR FORMULA   | C <sub>27</sub> H <sub>28</sub> Br <sub>2</sub> O <sub>5</sub> 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 110.0C.                                                                                          |
| 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 | chemical indicator for weak acids and bases; bluish green in neutral solution; managing pH of pools and fish tanks. |

**CONTACT INFORMATION**

|                   |                                                                      |
|-------------------|----------------------------------------------------------------------|
| EMAIL ADDRESS:    | <a href="mailto:info@inovamolecules.com">info@inovamolecules.com</a> |
| TELEPHONE NUMBER: | + (971) – 4 – 355 3390                                               |
| WEBSITE:          | <a href="http://www.inovamolecules.com">www.inovamolecules.com</a>   |
| POSTAL ADDRESS:   | P.O. Box: 414360; Dubai, U.A.E                                       |