

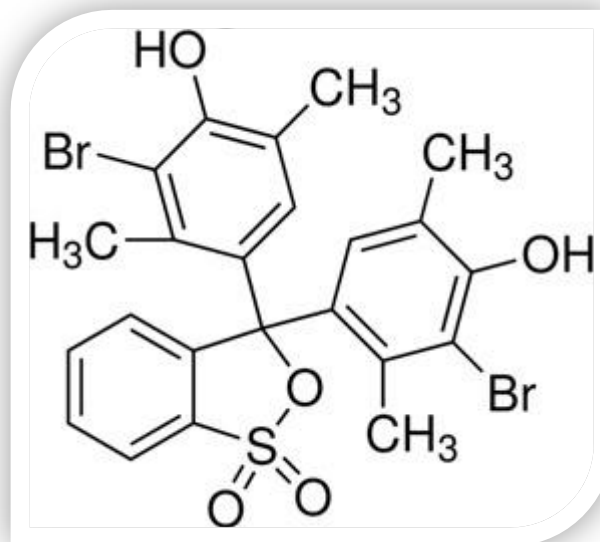
GSP CHEMICAL INDUSTRIES

BROMO XYLENOL BLUE

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|------------|--|
| C.A.S. NO. | 40070-59-5 |
| M.F. | C ₂₃ H ₂₀ Br ₂ O ₅ S |
| M. W. | 568.29gm/mole |

SPECIFICATIONS:

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|---|----------------------------|
| Solubility 0.1%(95% Ethanol) | Clear solution |
| Transition range | pH 5.7 – 7.4 Yellow – Blue |
| Absorption maximum (pH 5.7) λ_{1max} | 432 – 437 nm |
| Absorption maximum (pH 7.4) λ_{2max} | 613 – 615 nm |
| Absorptivity (A1%/1cm at pH 5.7 at λ_{1max}) | 300 – 330 |
| Absorptivity (A1%/1cm at pH 7.4 at λ_{2max}) | 500 – 540 |
| Loss on drying (110oC) | < 5 % |
| Dye content | > 95% |



GSP Chemical Industries warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at gspchem.com. For further inquiries, please contact gspchem@gmail.com. Purchaser must determine the suitability of the product for its particular use.