

GSP CHEMICAL INDUSTRIES

BROMOXYLENOL BLUE

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

SPECIFICATIONS:

Solubility (in 95% Ethanol)	Clear solution
Transition range	pH 5.7 – 7.4 Yellow – Blue
Absorption maximum (pH 5.7) λ_1 max	432 – 437 nm
Absorption maximum (pH 7.4) λ_2 max	613 – 615 nm
Absorptivity (A1%/1cm at pH 5.7 at λ_1 max)	300 – 330
Absorptivity (A1%/1cm at pH 7.4 at λ_2 max)	500 – 540
Loss on drying (110°C)	< 3 %
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.