

GSP CHEMICAL INDUSTRIES

BROMO PHENOL BLUE (ACS)

C.A.S. NO.	115-39-9
M.F.	C ₁₉ H ₁₀ Br ₄ O ₅ S
M. Wt.	669.99gm/mole

SPECIFICATIONS:

Dye content	> 95%
Solubility 0.1%(95% Ethanol)	Clear solution
Transition range	pH 3.0 – 4.6 Greenish yellow – Blue violet
Absorption maximum (pH 3.0) λ_{1max}	434 – 439 nm
Absorption maximum (pH 4.6) λ_{2max}	590 – 593 nm
Absorptivity (A1%/1cm at pH 3.8 at λ_{1max})	350 – 385
Absorptivity (A1%/1cm at pH 5.4 at	940 - 1000



λ_{2max}	
Loss on drying (110oC)	< 1 %

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.