

GSP CHEMICAL INDUSTRIES

BROMOCRESOL PURPLE (ACS)

C.A.S. NO.	115- 40 -2
M.F.	C ₂₁ H ₁₆ Br ₂ O ₅ S
M. Wt.	540.24gm/mole

SPECIFICATIONS:

Dye content	> 95%
Transition range	pH 5.2 – 6.8 Yellow – Purple
Solubility 0.1%(95%Ethanol)	Clear solution
Absorption maximum (pH 5.2) λ ₁ max	427 – 431 nm
Absorption maximum (pH 6.8) λ ₂ max	588 – 590 nm
Absorptivity (A1%/1cm at pH 5.2 at λ ₁ max)	400 – 500
Absorptivity (A1%/1cm at pH 6.8 at λ ₂ max)	1000 – 1100
Loss on drying (110°C)	< 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.