

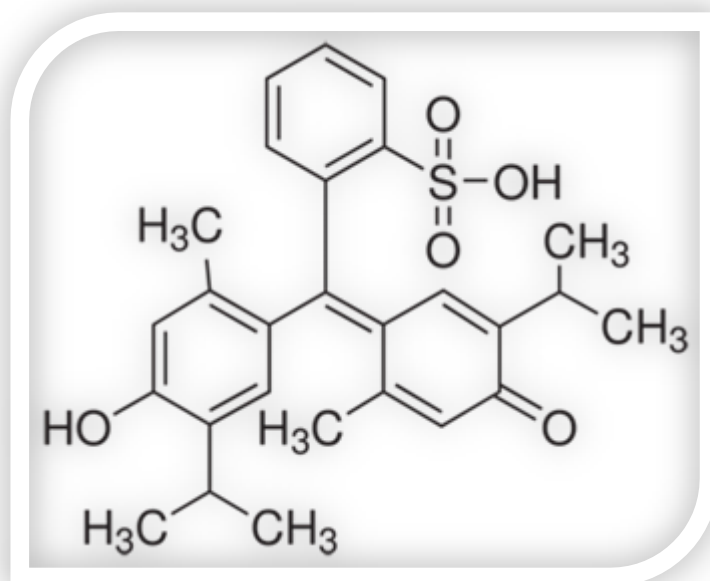
GSP CHEMICAL INDUSTRIES

THYMOL BLUE (ACS)

C.A.S. NO.	76-61-9
M.F.	C27H30O5S

SPECIFICATIONS:

Dye Content	> 95%
Solubility 0.1 % (95% EtOH)	Clear solution
Transition Range	pH 7.8 – 9.5 Yellow - Blue
Absorption maximum (pH 7.8) λ_{1max}	431-436nm
Absorption maximum (pH 9.5) λ_{2max}	594-598nm
Absorptivity (A1%/1cm at pH 7.8, at λ_{1max})	200-300
Absorptivity (A1%/1cm at pH 9.5, at λ_{2max})	450-550
Loss on drying (110C)	< 3%
M.W.	466.60 gm/mole



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.