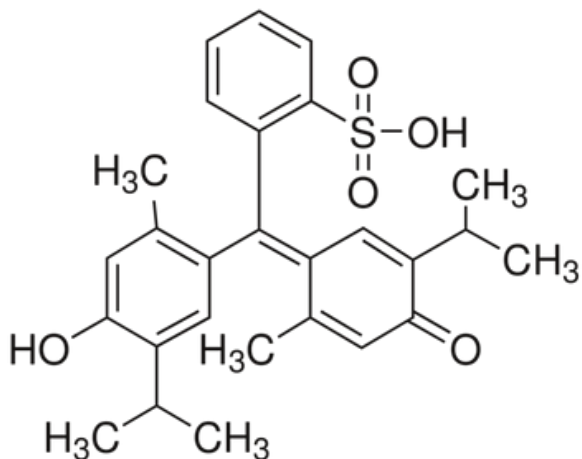


## THYMOL BLUE



C.A.S. No.	76-61-9
Molecular Weight	466.60 g/mole
Solubility 0.1% (95% Ethanol)	Clear solution
Transition range	pH 1.2 - 2.8
	(Pink - Yellow)
	pH 7.8 - 9.5
	(Yellow - Blue)
Absorption maximum (pH 7.8)	431- 436 nm
Absorptivity (1%/1cm at pH 7.8)	200 - 300
Absorption maximum (pH 9.5)	594 - 598 nm
Absorptivity (1%/1cm at pH 9.5)	450 - 550
Dye content (Spectrophotometry)	> 95%
Loss On Drying at 110 degrees C (1hr)	< 3%
Transition range according to ACS	passes test