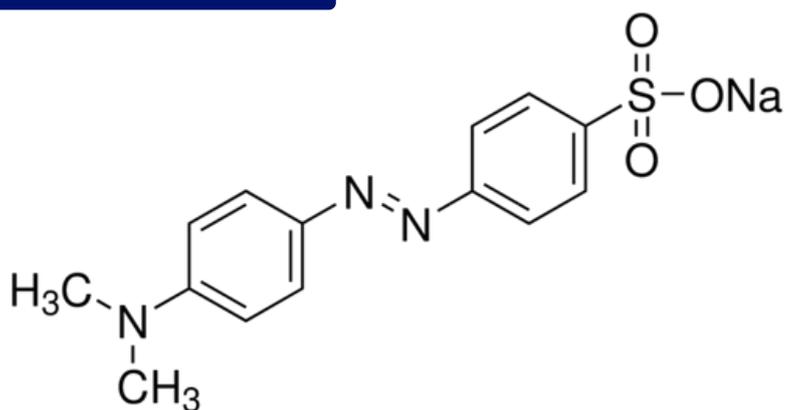




## METHYL ORANGE



C.A.S. No.	547-58-0
C.I. No.	13025
Molecular Weight	327.34 g/mole
Solubility 0.1% (Dist. Water)	Not more than a faint trace of turbidity or insoluble matter
Transition range	pH 3.1 - 4.4
	Pink - Orange yellow
Absorption maximum (pH 3.1)	501 - 505 nm
Absorptivity (1%/1cm at pH 3.1)	1050 - 1150
Absorption maximum (pH 4.4)	466 - 471 nm
Absorptivity (1%/1cm at pH 4.4)	750 - 850
Dye content (by Spectrophotometry)	> 95%
Loss On Drying at 110 degrees C (1hr)	< 3%
Transition range according to ACS	passes test