

GSP CHEMICAL INDUSTRIES

METHYL RED (ACS)

C.A.S. NO.	493-52-7
C.I. NO.	13020
M.F.	C ₁₅ H ₁₅ N ₃ O ₂
M.W.	269.31 gm/mole

SPECIFICATIONS:

Dye content	> 95%
Solubility 0.1 % (95% Ethanol)	Clear solution
Transition range	pH 4.2-6.2 Pink-Yellow
Absorption maximum (pH 4.2) λ_{1max}	523-526nm
Absorption maximum (pH 6.2) λ_{2max}	430-434nm
Absorptivity maximum (A1%/1cm at pH4.2, at λ_{1max})	1300-1400
Absorptivity maximum (A1%/1cm at pH6.2, at λ_{2max})	700-800
Loss on drying (110°C)	< 3%



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.