

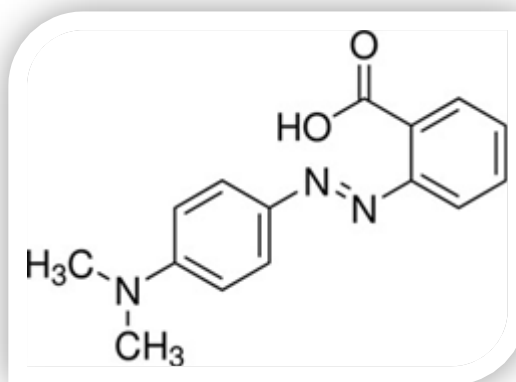
# GSP CHEMICAL INDUSTRIES

## METHYL RED (ACS)

C.A.S. NO.	493-52-7
C.I. NO.	13020
M.F.	C <sub>15</sub> H <sub>15</sub> N <sub>3</sub> O <sub>2</sub>

### 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 <sub>1</sub> max	523-526nm
Absorption maximum (pH 6.2) λ <sub>2</sub> max	430-434nm
Absorptivity maximum (A1%/1cm at pH4.2, at λ <sub>1</sub> max)	1300-1400
Absorptivity maximum (A1%/1cm at pH6.2, at λ <sub>2</sub> max)	700-800
Loss on drying (110OC)	< 3%
M.W.	269.31 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](http://gspchem.com). For further inquiries, please contact [gspchem@gmail.com](mailto:gspchem@gmail.com). Purchaser must determine the suitability of the product for its particular use.