

## SPECIFICATION



**Product Code: 24289**

**Product Name: METHYL ORANGE INDICATOR AR  
C.I.No. 13025**

$C_{14}H_{14}N_3NaO_3S$

M.W. 327.33

Dye Content

Min.95%

Transition interval from pH 2.8 – 4.6

Orange red to orange yellow

Specific Absorptivity A 1%/1cm  
 $\lambda_{max}$  at 501 to 504 nm  
in pH buffer 3.1

880 - 1150

Specific Absorptivity A 1%/1cm  
 $\lambda_{max}$  at 467 to 471 nm  
in pH buffer 4.4

640 – 850

Loss on drying at 105° C

max. 5%

**CAS No. : 547-58-0**

**R: 25**

**S: 37- 45**

**MOLYCHEM INDIA LLP**

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Tel. : +91 22 4066 8111 • Email: [info@molychem.net](mailto:info@molychem.net) • Web: [www.molychem.net](http://www.molychem.net)

Works : Unit I - Plot No. B/9, Unit II - Plot No. B/11, Badlapur M.I.D.C., Opp. Shobhavat Textile Co., Kulgaon, Badlapur (E), Dist.-Thane-421 503.