

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

880 - 1150

λ_{max} at 501 to 504 nm

in pH buffer 3.1

Specific Absorptivity A 1%/1cm

640 – 850

λ_{max} at 467 to 471 nm

in pH buffer 4.4

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

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