



SPECIFICATION

Product Code: 31960



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

$C_{14}H_{14}N_3NaO_3S$

M.W. 327.33

Transition interval from pH 2.8 – 4.6

orange red to orange yellow

Specific Absorptivity A 1%/1cm

λ_{max} at 501 to 504 nm

in pH buffer 3.1

880 - 1150

Specific Absorptivity A 1%/1cm

λ_{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

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