



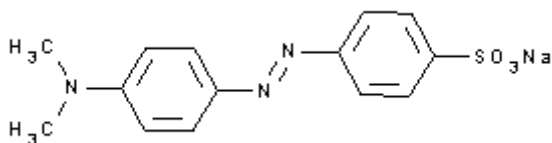
PRODUCT CODE: 131431

Methyl Orange (C.I. 13025) for analysis, ACS

pH indicator 3,2 red; 4,4 yellow

$C_{14}H_{14}N_3NaO_3S$

$C_{14}H_{14}N_3NaO_3S$



M.= 327,34

CAS [547-58-0]

EINECS 208-925-3

TARIC 2927 00 00 90

SYNONYMS: Acid Orange 52, Helianthin, MO, Orange III, Tropaeolin D

PHYSICAL DATA: powder, Orange, Soluble in water 5,2 g/l at 20 °C Soluble in alcohol 0,8 g/l pH(5 g/l) 6,5 •

BIBLIOGRAPHY: Merck Index **12**, 6.180 13, 6.127 Sax **MND600** • Safety **2**, **2397 C** • Conn's **IX** 98, 573 • Beilstein **16**, **IV**, **510** • BRN 4732884 • ACS **XI** •

HAZARDOUS: RTECS: DB 6327000 • LD50 oral rat 60 mg/kg •



H: H301 •

P: P301+P310 • P501 •

TRANSPORT REGULATIONS: UN: 3143 • ADR: 6.1/III • IMDG: 6.1/III • IATA: 6.1/III • PAX: 670 • CAO: 677 • (E) •

SPECIFICATIONS:

Identity :
Identity
Range of Transition interval according to ACS
T.L.C.

IR passes test
passes test
passes test

Maximum limit of impurities

pH transition interval:
yellow
pink or red
Insoluble matter in H₂O
Loss on drying at 135°C

4,4
3,2
passes test
10%

Ed.: 3 . Vig.: 15.01.2011 .

Prod.: 131431