

**Product Name** : Methyl Orange, C.I. 13025 Indicator  
**Product Code** : M2130-0 **CAS Number** : 547-58-0  
**Formula** :  $C_{14}H_{14}N_3NaO_3S$  **M. wt** : 327.34 g/mol  
**Packing** : 25 g, 100 g

Parameter	Specification
pH range (pink to orange-yellow)	3.1 - 4.4
Absorption maximum I1 (pH 3.1)	501 - 504 nm
Absorption maximum I2 (pH 4.4)	467 - 471 nm
Absorptivity (A1 %1 cm; I1,pH 3.1 on dried material)	1050 - 1150 %
Absorptivity (A1 %1 cm; I1,pH 4.4 on dried material)	750 - 850 %
Loss on drying (110 °C)	max. 5 %

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