



## UNISOURCE CHEMICALS PRIVATE LIMITED

Factory : L-15 MIDC TARAPUR, BOISAR - 401506 DIST. Palghar,INDIA.  
Tel.: ++91-22-22019990 ; 2205 2250; E-mail: unisourceindia@gmail.com; Web: www.ucplchem.com  
AN ISO 9001:2015 & GMP CERTIFIED COMPANY

### **Product Information**

### **TECHNICAL DATA SHEET / Specification Sheet**

#### **Methyl Orange**

Synonym	: Helianthin; Orange III
Molecular Formula	: $C_{14}H_{14}N_3NaO_3S$
Molecular Weight	: 327.34
CAS No.	: 547-58-0
Colour Index No.	: 13025
Storage Below	: 30°C
Shelf life	: 5 years

#### **Technical Specification**

Appearance	Orange Powder
Solubility 0.05% (Dist. Water	Orange solution
Absorptivity 1%/1cm, (pH 3.1) at max. 506.0 nm	1050 - 1150
(pH 4.4) at max. 466.0 nm	750 - 850
Loss on drying at 110°C (1hr)	< 3%