

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%