



## UNISOURCE CHEMICALS PRIVATE LIMITED

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AN ISO 9001:2015 & GMP CERTIFIED COMPANY

### **Product Information**

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

#### **Dimethyl yellow**

Synonym	: Methyl yellow
Molecular Formula	: C <sub>14</sub> H <sub>15</sub> N <sub>3</sub>
Molecular Weight	: 225.29
CAS No.	: 60-11-7
Colour Index No.	: 11020
Shelf Life	: 5 years

#### **Technical Specification**

Appearance	: Yellow to orange to orange-brown crystals or powder
Solubility	: 20 ppm in methanol yields clear solution
Visual pH Transition	: pH 2.9 (red or pink) to pH 4.0 (yellow or yellow-brown)
FTIR (KBr disc)	: Matches with the standard pattern.
Absorption maxima	: 410 - 420 nm (20 ppm in methanol)