

AMERICAN COLORCHEM

Product Information

TECHNICAL DATA SHEET / Specification Sheet

Dimethyl yellow

Synonym	: Methyl yellow
Molecular Formula	: C ₁₄ H ₁₅ N ₃
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)