

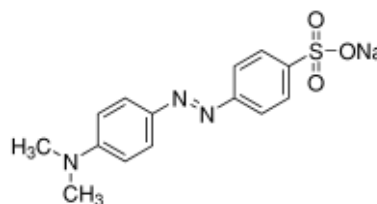
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Product Specification

Product Name:
Methyl Orange - ACS reagent, Dye content 85 %

Product Number: 114510
CAS Number: 547-58-0
MDL: MFCD00007502
Formula: C₁₄H₁₄N₃NaO₃S
Formula Weight: 327.33 g/mol



TEST	Specification
Appearance (Color)	Orange
Appearance (Form)	Powder
Infrared spectrum	Conforms to Structure
Visual Interval	Pass
pH 3.0 = Pink or Red	
Visual Interval	Pass
pH 3.2 = Pinkish-Orange	
Visual Interval	Pass
pH 4.4 = Yellow	
Appearance (Clarity)	Pass
Carbon	43.7 - 59.1 %
Nitrogen	10.9 - 14.8 %

Specification: PRD.1.ZQ5.10000023982

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.