

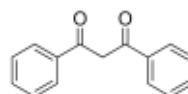
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Product Specification

Product Name:
1,3-Diphenyl-1,3-propanedione - 98%

Product Number: D33454
CAS Number: 120-46-7
MDL: MFCD00003085
Formula: C₁₅H₁₂O₂
Formula Weight: 224.25 g/mol



TEST

Specification

Appearance (Color)	White to Yellow
Appearance (Form)	Powder or Crystals
Infrared spectrum	Conforms to Structure
Wavelength	340 - 344 nm
C= 0.01 G/L Methanol	
Extinction Coefficient	≥ 23900
Purity (GC)	≥ 97.5 %
Solubility (Turbidity)	Clear to Slightly Hazy
c = 5 %; Chloroform	
Solubility (Color)	Colorless to Dark Yellow and Colorless to Dark Green-Yellow

Specification: PRD.2.ZQ5.10000041856

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.