

Certificate of Analysis

Product Name:

Artemisinin - 98%

Product Number:

361593

Batch Number:

MKCP2657

Brand:

SIGMA

CAS Number:

63968-64-9

MDL Number:

MFCD00081057

Formula:

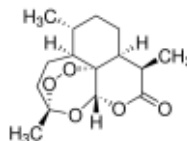
C₁₅H₂₂O₅

Formula Weight:

282.33 g/mol

Quality Release Date:

22 MAR 2021



Test	Specification	Result
Appearance (Color)	White	White
Appearance (Form)	Conforms to Requirements	Powder
Powder, Crystals, Crystalline Powder and/or Chunks		
Infrared Spectrum	Conforms to Structure	Conforms
Optical Rotation	72.0 - 78.0	73.7
Degrees		
C= 0.5%, Methanol		
Purity (TLC)	≥ 98 %	> 99 %
Solubility (Turbidity)	Clear	Clear
25mg/ml, CHCl ₃		
Solubility (Color)	Colorless	Colorless

Michael Grady, Manager

Quality Control

Milwaukee, WI US

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.

