

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-02-23 11:30:30
 Date of Next Testing: 2026-02-22 11:30:30
 Product Name: **Artesunate**
 CAS Number: 88495-63-0
 Specifications & Purity: 98%
 Lot #: B2219341
 SKU #: **A107818**
Analysis: **062973**
 Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(Neutralization titration)	98-100 (%)	98.78%
Specific Rotation [α] ₂₀ /D(c=1 in CH ₂ Cl ₂)	4.5-6.5 (°)	6.09°
Purity(HPLC)	98-100 (%)	98.61300%
Melting point	132-137 (°C)	136.98000 °C
Appearance (A107818)	White to Off-White Powder	White to Off-White Powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in Acetone , Colorless,Clear to Slightly Hazy,1 g + 29.9 mL	pass	Pass



John Su
QA & QC Manager