

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing:	2023-05-12 09:47:36
Date of Next Testing:	2027-05-11 09:47:36
Product Name:	<b>Artesunate</b>
CAS Number:	88495-63-0
Specifications & Purity:	98%
Lot #:	E2305312
SKU #	<b>A107818</b>
<b>Analysis:</b>	<b>177797</b>
Storage Temperature:	Store at 2-8°C

Parameter	Limit Values	Result
Purity(Neutralization titration)	98-100 (%)	99.65 %
Melting point	132-137 (°C)	136.58000 °C
Purity(HPLC)	98-100 (%)	99.77800 %
Specific Rotation [α] <sub>20</sub> /D(c=1 in CH <sub>2</sub> Cl <sub>2</sub> )	4.5-6.5 (°)	4.51 °
Appearance (A107818)	White to Off-White Powder	White to Off-White Powder
Solubility in Acetone , Colorless,Clear to Slightly Hazy,1 g + 29.9 mL	pass	Pass
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager