

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-02-21 20:53:16

Date of Next Testing: 2027-02-20 20:53:16

Product Name: **Artemisinin**

CAS Number: 63968-64-9

Specifications &amp; Purity: 98%

Lot #: B2318442

SKU #: **A110206****Analysis: 190243**

| Parameter  | Limit Values                            | Result                                  |
|--|---|---|
| Specific Rotation [a] <sub>20</sub> /D(c=0.5 MeOH)           | 70-80 (°)                               | 79.49°                                  |
| Purity(HPLC)   | 98-100 (%)                              | 99.79600 %                              |
| Melting point  | 151-155 (°C)                            | 152.82000 °C                            |
| Appearance (A110206)   | White Powder, Crystals and/or<br>Chunks | White Powder, Crystals and/or<br>Chunks |
| Solubility in<br>CHCL <sub>3</sub> , Colorless,Clear,25mg/ml | pass                                    | Pass                                    |

John Su  
QA & QC Manager