

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-04-09 14:43:01

Date of Next Testing: 2027-04-08 14:43:01

Product Name: **Andrographolide**

CAS Number: 5508-58-7

Specifications &amp; Purity: 98%

Lot #: D2303438

SKU #: **A101649****Analysis: 186824**

Parameter	Limit Values	Result
Purity	98-100 (%)	98.08%
Specific Rotation [α] <sub>20</sub> /D(c=1.5 in AcOH)	-129--124 (°)	-124.65°
Melting point	227-232 (°C)	231.84000 °C
Appearance (A101649)	White to Off-White Powder or Crystals	White to Off-White Powder or Crystals
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility,Colorless,Clear,10mg/ml CHCl <sub>3</sub> : MeOH(1:1)	pass	Pass

John Su  
QA & QC Manager