

## Certificate of Analysis

Date of Testing: 2023-04-09 14:40:27

Date of Next Testing: 2027-04-08 14:40:27

Product Name: **Andrographolide**

CAS Number: 5508-58-7

Specifications & Purity: 98%

Lot #: D2303462

SKU #: **A101649**

**Analysis: 186824**

Parameter	Limit Values	Result
Purity	98-100 (%)	98.08%
Specific Rotation $[\alpha]_{20}^D(c=1.5 \text{ in AcOH})$	-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