

Certificate of Analysis

Date of Testing: 2023-02-25 10:25:48

Date of Next Testing: 2027-02-24 10:25:48

Product Name: **Andrographolide**

CAS Number: 5508-58-7

Specifications & Purity: 98%

Lot #: B2321253

SKU #: **A101649**

Analysis: 091231

Parameter	Limit Values	Result
Purity	98-100 (%)	99.69%
Specific Rotation $[\alpha]_{20/D}(c=1.5 \text{ in AcOH})$	-129--124 (°)	-128.45 °
Melting point	227-232 (°C)	231.93000 °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 ₃ : MeOH(1:1)	pass	Pass



John Su
QA & QC Manager