

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-02-12 13:58:05

Date of Next Testing: 2029-02-11 13:58:05

Product Name: **Andrographolide**

CAS Number: 5508-58-7

Specifications & Purity: Moligand™, ≥98%

Lot #: E2114079

SKU #: **A101649**

Version: **0**

**Analysis #:** **469484**

Storage Temperature: Room temperature

| Parameter                                                           | Limit Values                          | Result                                |
|---------------------------------------------------------------------|---------------------------------------|---------------------------------------|
| Purity                                                              | 98-100 (%)                            | 98.03080 %                            |
| Specific Rotation [α] <sub>20</sub> /D(c=1.5 in AcOH)               | -129--124 (°)                         | -128.99000 °                          |
| Melting point                                                       | 227-232 (°C)                          | 231.96800 °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