

Shanghai Aladdin Biochemical Technology Co., LTD  
809 Chuhua Branch Road, Fengxian District, Shanghai 201400, China

## Certificate of Analysis

Date of Testing: 2024-01-24 08:58:54  
Date of Next Testing: 2028-01-23 08:58:54  
Product Name: (3aR)-(+)-Sclareolide  
CAS Number: 564-20-5  
Specifications & Purity: 97%  
Lot #: A2419086  
SKU #: A102800  
Analysis: 299060

| Parameter                                                         | Limit Values                          | Result                                |
|-------------------------------------------------------------------|---------------------------------------|---------------------------------------|
| Specific Rotation [α] <sub>20</sub> /D(c=2 in CHCL <sub>3</sub> ) | 43-51 (°)                             | 47.00000 °                            |
| Melting point                                                     | 122-126 (°C)                          | 122.41000 °C                          |
| Purity(GC)                                                        | 97-100 (%)                            | 97.38700 %                            |
| Appearance (A102800)                                              | White to Off-White Powder or Crystals | White to Off-White Powder or Crystals |
| Infrared spectrum                                                 | Conforms to Structure                 | Conforms to Structure                 |
| Solubility,Colorless to yellow clear(2.5%,CHCl <sub>3</sub> )     | pass                                  | Pass                                  |
| NMR Spectrum 1H                                                   | Conforms to Structure                 | Conforms to Structure                 |



John Su  
QA & QC Manager