

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-10-19 16:33:12

Date of Next Testing: 2025-10-18 16:33:12

Product Name: **(+)-cis-Abienol**

CAS Number: 17990-16-8

Specifications & Purity: Moligand™, ≥95%

Lot #: J2218656

SKU #: **C358146**

Version: **2**

Analysis #: **141982**

Storage Temperature: Protected from light, Store at -20°C, Argon charged

Parameter	Limit Values	Result
Purity(HPLC area)	95-100 (%)	96.39000 %
Specific Rotation(c=1.0,Chloroform)	20.2-24.2 (°)	22.30000 °
NMR Spectrum 1H	Conforms to structure	Conforms to Structure



John Su
QA & QC Manager