

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-07-03 16:26:21

Date of Next Testing: 2028-07-02 16:26:21

Product Name: (-)-Verbenone

CAS Number: 1196-01-6

Specifications & Purity: $\geq 95\%$ (GC)

Lot #: J2009071

SKU #: V162981

Version: 1

Analysis #: 380049

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Purity(GC)	95-100 (%)	99.00100 %
Specific optical rotation(20°C, 589 nm) (C=4, CHCl ₃)	-250--150 (°)	-180.00000 °
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager