

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-01-22 13:34:15

Date of Next Testing: 2028-01-12 13:34:15

Product Name: **(-)-Borneol**

CAS Number: 464-45-9

Specifications & Purity: analytical standard

Lot #: G2215055

SKU #: **B118615**

Version: **0**

Analysis #: **642234**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(sum of enantiomers)(GC)	99-100 (%)	99.01200 %
Specific Rotation $[\alpha]_{20/D}(c=5 \text{ in EtOH})$	-38--36 (°)	-37.89000 °
Melting point	206-209 (°C)	207.45000 °C
Infrared spectrum	Conforms to Structure	Conforms to Structure
optical purity enantiomeric ratio(GC)	$\geq 99.5:0.5$	$\geq 99.5:0.5$



John Su
QA & QC Manager