

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-11-23 15:47:53

Date of Next Testing: 2027-11-22 15:47:53

Product Name: **(±)-Camphor**

CAS Number: 76-22-2

Specifications &amp; Purity: 96%

Lot #: K2320050

SKU #: **C110690**Version: **0**Analysis #: **289632**

Parameter	Limit Values	Result
Melting point	172-180 (°C)	172.41000 °C
Specific Rotation [α] <sub>20D</sub> (c=10 in EtOH)	-1.5~1.5 (°)	-0.43°
Purity(GC)	96-100 (%)	96.02%
Appearance (C110690)	White Powder, Crystals and/or Chunks	White Powder, Crystals and/or Chunks
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in EtOH , Colorless,Clear,100mg/ml	pass	Pass

John Su  
QA & QC Manager