

## Certificate of Analysis

Date of Testing: 2023-03-18 10:00:31  
Date of Next Testing: 2027-03-17 10:00:31  
Product Name: **(±)-Camphor**  
CAS Number: 76-22-2  
Specifications & Purity: 96%  
Lot #: C23101309  
SKU #: **C110690**  
Analysis: **200518**

Parameter	Limit Values	Result
Specific Rotation [α] <sub>20</sub> (c=10 in EtOH)	0-0.15 (°)	0.15 °
Melting point	172-180 (°C)	174.30000 °C
Purity(GC)	96-100 (%)	98.91 %
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