

Certificate of Analysis

Date of Testing: 2024-10-22 15:44:46
Date of Next Testing: 2028-10-21 15:44:46
Product Name: **D(+)-Camphor**
CAS Number: 464-49-3
Specifications & Purity: $\geq 96\%$
Lot #: J2418162
SKU #: **C106734**
Version: **0**
Analysis #: **055464**

Parameter	Limit Values	Result
Melting point	177-182 (°C)	178.73000 °C
Purity(GC)	96-100 (%)	99.77 %
Specific Rotation $[\alpha]_{20}^D(c=20 \text{ in EtOH})$	41-46 (°)	41.01°
Appearance (C106734)	White Powder, Crystals and/or Chunks	White Powder, Crystals and/or Chunks
Solubility in EtOH , Clear Colorless,c = 5%	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager