

Certificate of Analysis

Date of Testing: 2024-11-08 19:01:23

Date of Next Testing: 2028-11-07 19:01:23

Product Name: **D(+)-Camphor**

CAS Number: 464-49-3

Specifications & Purity: $\geq 96\%$

Lot #: K2405430

SKU #: **C106734**

Version: **0**

Analysis #: **427153**

Parameter	Limit Values	Result
Melting point	177-182 (°C)	178.75000 °C
Purity(GC)	96-100 (%)	99.64%
Specific Rotation $[\alpha]_{20}^D(c=20 \text{ in EtOH})$	41-46 (°)	41.20°
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