

Certificate of Analysis

Date of Testing: 2024-11-08 18:59:45
Date of Next Testing: 2028-11-07 18:59:45
Product Name: **D(+)-Camphor**
CAS Number: 464-49-3
Specifications & Purity: $\geq 96\%$
Lot #: K2405429
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