

Certificate of Analysis

Date of Testing: 2024-10-21 16:21:54

Date of Next Testing: 2028-10-20 16:21:54

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

CAS Number: 464-49-3

Specifications & Purity: $\geq 96\%$

Lot #: J2415364

SKU #: **C106734**

Version: **0**

Analysis #: **377944**

| Parameter | Limit Values | Result |
|---|--------------------------------------|--------------------------------------|
| Purity(GC) | 96-100 (%) | 99.65 % |
| Specific Rotation $[\alpha]_{20}/D(c=20 \text{ in EtOH})$ | 41-46 ($^{\circ}$) | 41.20 $^{\circ}$ |
| Melting point | 177-182 ($^{\circ}\text{C}$) | 178.20000 $^{\circ}\text{C}$ |
| Infrared spectrum | Conforms to Structure | Conforms to Structure |
| Appearance (C106734) | White Powder, Crystals and/or Chunks | White Powder, Crystals and/or Chunks |
| Solubility in EtOH , Clear Colorless,c = 5% | pass | Pass |



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