

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-10-31 15:45:35

Date of Next Testing: 2028-10-30 15:45:35

Product Name: **(+)-Camphoric acid**

CAS Number: 124-83-4

Specifications & Purity: $\geq 99\%$

Lot #: J2424534

SKU # **C107293**

Version **2**

Analysis #: **420016**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D}(c=5 \text{ in MeOH})$	44.5-48.5 (°)	45.63100 °
Purity(Neutralization titration)	98.5-101.5 (%)	98.83000 %
Melting point	181-187 (°C)	186.69000 °C
Appearance (C107293)	white powder	White powder
Solubility in MeOH	almost transparency	almost transparency
Proton NMR spectrum	Conforms to structure	Conforms to Structure



John Su
QA & QC Manager