

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-06-16 11:46:04
Date of Next Testing: 2030-06-15 11:46:04
Product Name: **(+)-Camphoric acid**
CAS Number: 124-83-4
Specifications & Purity: $\geq 98\%$
Lot #: F2603189
SKU #: **C1373703**
Version: **2**
Analysis #: **583412**
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(Neutralization titration)	97.5-102.5 (%)	98.03000 %
Specific Rotation $[\alpha]_{20/D}(c=5 \text{ in MeOH})$	44.5-48.5 ($^{\circ}$)	44.86000 $^{\circ}$
Melting point	181-187 ($^{\circ}\text{C}$)	184.16000 $^{\circ}\text{C}$
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure
Solubility in MeOH	almost transparency	almost transparency
Appearance(C1373703)	white powder	White powder



John Su
QA & QC Manager