

Certificate of Analysis

Date of Testing: 2024-06-12 14:09:55

Date of Next Testing: 2026-06-02 14:09:55

Product Name: **(1R)-(-)-10-Camphorsulfonyl chloride**

CAS Number: 39262-22-1

Specifications & Purity: 97%

Lot #: I2206416

SKU # **C102453**

Version **0**

Analysis #: **366812**

Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Melting point	66-68 (°C)	66.60000 °C
Purity(Titration by AgNO ₃)	96.5-103.5 (%)	98.80 %
Specific Rotation [α] _{20/D} (c=1 in CHCL ₃)	-33--26 (°)	-32.90 °
Appearance (C102453)	white to tan powder,crystals and/or chunks	white to tan powder,crystals and/or chunks
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in Toluene	almost transparency	almost transparency



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QA & QC Manager