

Certificate of Analysis

Date of Testing: 2024-08-20 13:59:55

Date of Next Testing: 2026-08-10 13:59:55

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

CAS Number: 39262-22-1

Specifications & Purity: 97%

Lot #: K2201267

SKU #: **C102453**

Version: **0**

Analysis #: **397390**

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

Parameter	Limit Values	Result
Melting point	66-68 (°C)	67.00000 °C
Purity(Titration by AgNO ₃)	96.5-103.5 (%)	101.71 %
Specific Rotation [α] _{20/D} (c=1 in CHCL ₃)	-33--26 (°)	-30.23 °
Appearance (C102453)	white to tan powder,crystals and/or chunks	white to tan powder,crystals and/or chunks
Solubility in Toluene	almost transparency	almost transparency
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



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QA & QC Manager