

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-02-16 11:02:12

Date of Next Testing: 2024-02-06 11:02:12

Product Name: (R)-(-)-1,1'-Bi-2-naphthol Bis(trifluoromethanesulfonate)

CAS Number: 126613-06-7

Specifications & Purity: ≥98%

Lot #: D2029040

SKU #: B115801

Version: 0

Analysis #: 073913

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Carbon by Elemental Analysis	46.3-49.7 (%)	46.32000 %
Molar extinction coefficient (λ :215.0 -225.0 nm,CH ₃ CN)	≥115000	115001.00000
Sulfur by Elemental Analysis	11.2-12.1 (%)	11.28000 %
Specific Rotation [α] _{20/D} (c=1 in THF)	-154--135 (°)	-145.87500 °
Lambda max(CH ₃ CN)	215-225 (nm)	221.00000 nm
Melting point	82-87 (°C)	83.08000 °C
Purity(HPLC)	98-100 (%)	99.15300 %
Appearance (B115801)	white to yellow powder, crystals, and/or chunks	white to yellow powder, crystals, and/or chunks
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager