

Certificate of Analysis

Date of Testing: 2025-04-07 17:39:07

Date of Next Testing: 2027-03-28 17:39:07

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

CAS Number: 126613-06-7

Specifications & Purity: ≥98%

Lot #: C2525030

SKU #: B115801

Version: 0

Analysis #: 495135

Parameter	Limit Values	Result
Carbon by Elemental Analysis	46.3-49.7 (%)	48.00 %
Molar extinction coefficient (λ :215.0 -225.0 nm,CH ₃ CN)	≥115000	115000.00
Sulfur by Elemental Analysis	11.2-12.1 (%)	11.60 %
Specific Rotation [α] _{20/D} (c=1 in THF)	-154--135 (°)	-147.07 °
Lambda max(CH ₃ CN)	215-225 (nm)	220.00 nm
Melting point	82-87 (°C)	83.78000 °C
Purity(HPLC)	98-100 (%)	99.46200 %
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