

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-09-20 13:39:07

Date of Next Testing: 2024-09-09 13:39:07

Product Name: (S)-3,3'-Dibromo-1,1'-bi-2-naphthol

CAS Number: 119707-74-3

Specifications & Purity: ≥96%

Lot #: L2015234

SKU #: D121054

Version: 0

Analysis #: 137234

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(HPLC)	96-100 (%)	99.52100 %
Specific Rotation [α] ₂₀ /D(c=1 in MeOH)	-95--85 (°)	-90.30000 °
Purity(Neutralization titration)	95.5-104.5 (%)	96.02300 %
Appearance (D121054)	White to brown powder,crystals and/or chunks	White to brown powder,crystals and/or chunks
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in MeOH	almost transparency	almost transparency



John Su
QA & QC Manager