

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-11-25 16:50:14

Date of Next Testing: 2026-11-15 16:50:14

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

CAS Number: 111795-43-8

Specifications & Purity: $\geq 97\%$

Lot #: K2421346

SKU #: **D121043**

Version: **0**

Analysis #: **351405**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(HPLC)	97-100 (%)	99.70000 %
Purity(Neutralization titration)	96.5-103.5 (%)	98.54000 %
Specific Rotation $[\alpha]_{20/D(c=1 \text{ in MeOH})}$	85-95 (°)	90.00000 °
Appearance (D121043)	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