

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-09-11 14:16:18

Date of Next Testing: 2026-09-01 14:16:18

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

CAS Number: 111795-43-8

Specifications & Purity: $\geq 97\%$

Lot #: K2230165

SKU #: **D121043**

Version: **0**

Analysis #: **409973**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(HPLC)	97-100 (%)	97.15000 %
Purity(Neutralization titration)	96.5-103.5 (%)	97.28000 %
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in MeOH})$	85-95 ($^{\circ}$)	90.18600 $^{\circ}$
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