

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-12-28 11:47:14
 Date of Next Testing: 2027-12-28 11:47:14
 Product Name: **(R)-2,2'-Dibromo-1,1'-binaphthalene**
 CAS Number: 86688-08-6
 Specifications & Purity: $\geq 98\%$
 Lot #: L2420417
 SKU #: **R281424**
 Version: **1**
 Analysis #: **456371**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	98.99000 %
Enantiomeric Excess	99-100 (%)	99.40000 %
Melting point	180-185 (°C)	182.60000 °C
Carbon by Elemental Analysis	55.9-59.5 (%)	57.20000 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager