

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-09-06 15:10:48
 Date of Next Testing: 2025-08-26 15:10:48
 Product Name: **(R)-(+)-1,1'-Bi(2-naphthol)**
 CAS Number: 18531-94-7
 Specifications & Purity: $\geq 99\%$
 Lot #: D1828161
 SKU #: **B107539**
 Version: **2**
 Analysis #: **272225**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Melting point	206-212 (°C)	211.10000 °C
Purity(HPLC)	99-100 (%)	99.34000 %
Optical purity(ee)	98-100 (%)	99.12000 %
Specific Rotation [α] ₂₀ /D(c=1 in THF)	34-38 (°)	37.99000 °
Appearance (B107539)	white to light grey powder	white to light grey powder
Proton NMR spectrum	Conforms to structure	Conforms to Structure



John Su
QA & QC Manager