

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-06-17 15:22:25
 Date of Next Testing: 2024-06-06 15:22:25
 Product Name: **(R)-(+)-1,1'-Bi(2-naphthol)**
 CAS Number: 18531-94-7
 Specifications & Purity: $\geq 99\%$
 Lot #: H2012075
 SKU #: **B107539**
 Version: **2**
 Analysis #: **101648**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Melting point	206-212 (°C)	208.90000 °C
Purity(HPLC)	99-100 (%)	99.64700 %
Optical purity(ee)	98-100 (%)	98.57200 %
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in THF})$	34-38 (°)	36.30000 °
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