

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-05-04 16:09:53

Date of Next Testing: 2026-05-03 16:09:53

Product Name: (2S)-(-)-3,3'-Diphenyl-[2,2'-binaphthalene]-1,1'-diol

CAS Number: 147702-14-5

Specifications & Purity: ≥98%

Lot #: D23211261

SKU #: S281738

Version: 2

Analysis #: 201755

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	98.02200 %
Specific rotation $[\alpha]_{20/D(C=1, CHCl_3)}$	-319 ~ -309 (°)	-309.23000 °
Appearance(S281738)	White to Tan Powder or Crystals	White to Tan Powder or Crystals
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager