

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-02-28 15:51:06
Date of Next Testing: 2029-02-27 15:51:06
Product Name: (2S)-(-)-3,3'-Diphenyl-[2,2'-binaphthalene]-1,1'-diol
CAS Number: 147702-14-5
Specifications & Purity: ≥98%
Lot #: D23211120
SKU #: S281738
Version: 2
Analysis #: 657520
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	98.02000 %
Specific rotation $[\alpha]_{20/D(C=1, CHCl_3)}$	-319--309 (°)	-309.20000 °
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Appearance(S281738)	White to Tan Powder or Crystals	White to Tan Powder or Crystals



John Su
QA & QC Manager