

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-07-28 10:08:40
 Date of Next Testing: 2027-07-27 10:08:40
 Product Name: (S)-2,2'-Dimethyl-1,1'-binaphthyl
 CAS Number: 32587-64-7
 Specifications & Purity: ≥95%
 Lot #: G2315170
 SKU #: S161286
 Version: 1
 Analysis #: 241966
 Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
specific rotation [α] _{20/D} (C=0.5, EtOH(95%))	15-20 (°)	15.83900 °
Purity(HPLC area)	95-100 (%)	95.09800 %
Appearance(S161286)	White to Light yellow to Light orange powder to crystal	White to Light yellow to Light orange powder to crystal
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager