

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-06-20 11:56:03
 Date of Next Testing: 2027-06-20 11:56:03
 Product Name: (R)-3,3''-Bis([1,1''-biphenyl]-4-yl)-[1,1''-binaphthalene]-2,2''-diol
 CAS Number: 215433-52-6
 Specifications & Purity: ≥98%, ≥99%(ee)
 Lot #: I2107535
 SKU #: R281732
 Version: 1
 Analysis #: 372855
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.10000 %
Enantiometric Excess	99-100 (%)	99.10000 %
Appearance(R281732)	White to light Yellow Powder	white to light yellow powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager