

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-07-12 13:23:12
 Date of Next Testing: 2027-07-12 13:23:12
 Product Name: (R)-(-)-4-Phenyl-2-butanol
 CAS Number: 39516-03-5
 Specifications & Purity: ≥98%
 Lot #: J2111496
 SKU #: I170111
 Version: 1
 Analysis #: 386240
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(GC)	98-100 (%)	99.08000 %
Specific rotation $[\alpha]_{20/D}$ (C=1% , Chloroform)	-19--15 (°)	-16.53000 °
Appearance(I170111)	Colorless Liquid	Colorless liquid
Proton NMR spectrum	Conforms to structure	Conforms to Structure



John Su
QA & QC Manager