

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

# Certificate of Analysis

Date of Testing: 2023-06-28 15:36:47

Date of Next Testing: 2026-06-27 15:36:47

Product Name: (R)-[2,3':1',1'':3'',2'''-Quaternaphthalene]-2',2''-diol

CAS Number: 215433-53-7

Specifications & Purity: ≥98%, ≥99%(ee)

Lot #: F2316497

SKU #: R300574

Version: 1

Analysis #: 224806

Storage Temperature: Store at 2-8°C, Argon charged

| Parameter           | Limit Values          | Result                |
|---------------------|-----------------------|-----------------------|
| Purity(HPLC area)   | 98-100 (%)            | 98.04600 %            |
| Enantiomeric Excess | 99-100 (%)            | 99.00000 %            |
| NMR Spectrum 1H     | Conforms to structure | Conforms to Structure |



John Su  
QA & QC Manager