

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

# Certificate of Analysis

Date of Testing: 2025-09-18 10:17:18

Date of Next Testing: 2029-09-17 10:17:18

Product Name: [3aR-[2(3'aR\*,8'aS\*),3'aβ,8'aβ]]-(+)-2,2'-Methylenebis[3a,8a-dihydro-8H-indeno[1,2-d]oxazole]

CAS Number: 180186-94-1

Specifications & Purity: ≥98%

Lot #: I2506046

SKU #: A115671

Version: 0

Analysis #: 096827

Storage Temperature: Room temperature, Argon charged

| Parameter                                                                       | Limit Values                          | Result                                |
|---------------------------------------------------------------------------------|---------------------------------------|---------------------------------------|
| Melting point                                                                   | 215-225 (°C)                          | 221.00000 °C                          |
| Purity( total nitrogen )                                                        | 97.5-102.5 (%)                        | 99.40000 %                            |
| Purity(HPLC)                                                                    | 98-100 (%)                            | 99.80600 %                            |
| Specific Rotation [α] <sub>20/D</sub> (c=1 in CH <sub>2</sub> Cl <sub>2</sub> ) | 350-370 (°)                           | 368.79000 °                           |
| Appearance (A115671)                                                            | White to Off-White Powder or Crystals | White to Off-White Powder or Crystals |
| Infrared spectrum                                                               | Conforms to Structure                 | Conforms to Structure                 |
| NMR (1H-NMR)                                                                    | complies                              | complies                              |
| Solubility in CH <sub>2</sub> CL <sub>2</sub>                                   | almost transparency                   | almost transparency                   |



John Su  
QA & QC Manager