

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-08-03 15:52:08

Date of Next Testing: 2026-08-02 15:52:08

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 #: G2228483

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] _{20/D} (c=1 in CH ₂ Cl ₂)	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 ₂ Cl ₂	almost transparency	almost transparency



John Su
QA & QC Manager