

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-07-10 13:32:42  
 Date of Next Testing: 2027-07-09 13:32:42  
 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 #: K1505014  
 SKU #: **A115671**  
 Analysis: **249341**  
 Storage Temperature: Argon charged

Parameter	Limit Values	Result
Melting point	215-225 (°C)	221.50000 °C
Purity( total nitrogen )	97.5-102.5 (%)	97.68 %
Specific Rotation [α] <sub>20</sub> /D(c=1 in CH <sub>2</sub> Cl <sub>2</sub> )	350-370 (°)	366.20 °
Purity(HPLC)	98-100 (%)	98.12000 %
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