

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-06-25 17:25:40  
 Date of Next Testing: 2027-06-24 17:25:40  
 Product Name: **(R)-DTBM-SEGPPOS**  
 CAS Number: 566940-03-2  
 Specifications & Purity:  $\geq 98\%$   
 Lot #: F2316656  
 SKU #: **D115799**  
 Version: **1**  
 Analysis #: **223027**  
 Storage Temperature: Protected from light, Room temperature, Argon charged

| Parameter                                                        | Limit Values                                  | Result                                        |
|------------------------------------------------------------------|-----------------------------------------------|-----------------------------------------------|
| Specific Rotation $[\alpha]_{20/D(c=1 \text{ CH}_2\text{CL}_2)}$ | -55--45 (°)                                   | -54.30300 °                                   |
| Purity(As C)                                                     | 98-100 (%)                                    | 99.90100 %                                    |
| Appearance (D115799)                                             | White to Beige Powder, Crystals and/or Chunks | White to Beige Powder, Crystals and/or Chunks |
| Phosphorus NMR Spectra                                           | Conforms to Structure                         | Conforms to Structure                         |
| Proton NMR spectrum                                              | Conforms to Structure                         | Conforms to Structure                         |
| Infrared spectrum                                                | Conforms to Structure                         | Conforms to Structure                         |



John Su  
QA & QC Manager