

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

|                          |                                                                                              |
|--------------------------|----------------------------------------------------------------------------------------------|
| Date of Testing:         | 2024-12-17 13:15:05                                                                          |
| Date of Next Testing:    | 2027-12-17 13:15:05                                                                          |
| Product Name:            | (S)-3-(tert-Butyl)-4-(2,6-dimethoxyphenyl)-2,2-dimethyl-2,3-dihydrobenzo[d][1,3]oxaphosphole |
| CAS Number:              | 2227217-19-6                                                                                 |
| Specifications & Purity: | ≥97%, ≥99%(ee)                                                                               |
| Lot #:                   | A2213352                                                                                     |
| SKU #                    | S282197                                                                                      |
| Version                  | 2                                                                                            |
| Analysis #:              | 421052                                                                                       |
| Storage Temperature:     | Room temperature                                                                             |

| Parameter              | Limit Values               | Result                     |
|------------------------|----------------------------|----------------------------|
| Enantiomeric Excess    | 99-100 (%)                 | 99.53400 %                 |
| Purity(HPLC)           | 97-100 (%)                 | 98.45900 %                 |
| Appearance(S282197)    | White to pale yellow solid | white to pale yellow solid |
| Phosphorus NMR Spectra | Conforms to Structure      | Conforms to Structure      |



John Su  
QA & QC Manager