

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-05-09 16:32:21

Date of Next Testing: 2025-05-08 16:32:21

Product Name: (S)-(-)-3-tert-Butoxycarbonyl-4-methoxycarbonyl-2,2-dimethyl-1,3-oxazolidine

CAS Number: 108149-60-6

Specifications & Purity:  $\geq 96\%$ (GC)

Lot #: G1922289

SKU #: S161368

Version: 0

Analysis #: 089720

Storage Temperature: Room temperature, Argon charged

| Parameter                                                  | Limit Values               | Result                     |
|------------------------------------------------------------|----------------------------|----------------------------|
| Purity(GC)                                                 | 96-100 (%)                 | 97.88000 %                 |
| Specific Rotation $[\alpha]_{20/D}(c=2 \text{ in CHCL}_3)$ | -64--50 (°)                | -55.86500 °                |
| Refractive index $n_{20/D}$                                | 1.441-1.445                | 1.44170                    |
| Appearance (S161368)                                       | Colorless to Yellow Liquid | Colorless to Yellow Liquid |
| Proton NMR spectrum                                        | Conforms to Structure      | Conforms to Structure      |



John Su  
QA & QC Manager