

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-01-21 14:33:58  
 Date of Next Testing: 2026-01-20 14:33:58  
 Product Name: **(R)-(-)-6-Methoxy- $\alpha$ -methyl-2-naphthaleneacetic acid**  
 CAS Number: 23979-41-1  
 Specifications & Purity:  $\geq 98\%$   
 Lot #: A2218644  
 SKU #: **I168921**  
 Version: **0**  
 Analysis #: **059965**  
 Storage Temperature: Store at 2-8°C

| Parameter                                               | Limit Values                                  | Result                                        |
|---------------------------------------------------------|-----------------------------------------------|-----------------------------------------------|
| Purity (Titration by NaOH)                              | 97.5-102.5 (%)                                | 99.59000 %                                    |
| Specific Rotation $[\alpha]_{20/D(c=1 \text{ CHCL}_3)}$ | -66~-56 (°)                                   | -57.64100 °                                   |
| Appearance (I168921)                                    | White to Off-White Solid, Powder, or Crystals | White to Off-White Solid, Powder, or Crystals |
| Proton NMR spectrum                                     | Conforms to Structure                         | Conforms to Structure                         |



John Su  
QA & QC Manager