

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-04-25 17:06:20  
Date of Next Testing: 2027-04-24 17:06:20  
Product Name: **(R)-(+)- $\alpha$ -Methyl-1-naphthalenemethylamine**  
CAS Number: 3886-70-2  
Specifications & Purity:  $\geq 99\%$   
Lot #: D2323879  
SKU #: **M117174**  
Version: **1**  
Analysis #: **000118**  
Storage Temperature: Store at 2-8°C, Argon charged

| Parameter  | Limit Values               | Result                     |
|--|----------------------------|----------------------------|
| Density (20°C)   | 1.066-1.069                | 1.07                       |
| Specific Rotation [a] <sub>D</sub> <sup>20</sup> (c=2 in EtOH) | 51-55 (°)                  | 54.62°                     |
| Refractive index n <sub>D</sub> <sup>20</sup> /D               | 1.621-1.624                | 1.62                       |
| Purity(GC)   | 99-100 (%)                 | 99.02%                     |
| Enantiometric Excess   | 98-100 (%)                 | 99.00%                     |
| Appearance (M117174)   | Colorless to Yellow Liquid | Colorless to Yellow Liquid |
| Infrared spectrum  | Conforms to Structure      | Conforms to Structure      |



John Su  
QA & QC Manager