

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-06-18 17:56:39

Date of Next Testing: 2028-06-17 17:56:39

Product Name: **(R)-(+)- $\alpha$ -Methyl-1-naphthalenemethylamine**

CAS Number: 3886-70-2

Specifications & Purity:  $\geq 99\%$

Lot #: F2414045

SKU #: **M117174**

Version: **1**

Analysis #: **165150**

Storage Temperature: Store at 2-8°C, Argon charged

| Parameter                                           | Limit Values               | Result                     |
|-----------------------------------------------------|----------------------------|----------------------------|
| Enantiometric Excess                                | 98-100 (%)                 | 98.60000 %                 |
| Refractive index n <sub>20/D</sub>                  | 1.621-1.624                | 1.62400                    |
| Density (20°C)                                      | 1.066-1.069                | 1.06700                    |
| Specific Rotation [α] <sub>20/D</sub> (c=2 in EtOH) | 51-55 (°)                  | 52.85400 °                 |
| Purity(GC)                                          | 99-100 (%)                 | 99.64200 %                 |
| Appearance (M117174)                                | Colorless to Yellow Liquid | Colorless to Yellow Liquid |
| Proton NMR spectrum                                 | Conforms to Structure      | Conforms to Structure      |



John Su  
QA & QC Manager