

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-01-05 17:01:18

Date of Next Testing: 2028-01-04 17:01:18

Product Name: **(R)-(+)- $\alpha$ -Methylbenzylamine**

CAS Number: 3886-69-9

Specifications & Purity:  $\geq 99\%$ ,  $\geq 98\%$ (ee)

Lot #: A2404739

SKU #: **M106714**

Version: **2**

Analysis #: **307357**

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

| Parameter                                      | Limit Values          | Result                |
|------------------------------------------------|-----------------------|-----------------------|
| Purity(GC)                                     | 99-100 (%)            | 99.60700 %            |
| Refractive index n <sub>20</sub> /D            | 1.525-1.528           | 1.52680               |
| Specific Rotation [a] <sub>20</sub> /D(c=Neat) | 36-41 (°)             | 36.30700°             |
| Enantiomeric excess (GC)                       | 98-100 (%)            | 98.85000 %            |
| Appearance (M106714)                           | Colorless Liquid      | Colorless liquid      |
| Infrared spectrum                              | Conforms to Structure | Conforms to Structure |
| Proton NMR spectrum                            | Conforms to Structure | Conforms to Structure |



John Su  
QA & QC Manager