

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

# Certificate of Analysis

Date of Testing: 2024-08-12 14:10:01

Date of Next Testing: 2028-08-11 14:10:01

Product Name: (S)-(-)-N-Benzyl- $\alpha$ -methylbenzylamine

CAS Number: 17480-69-2

Specifications & Purity:  $\geq 99\%$

Lot #: L1210027

SKU #: B102451

Version: 0

Analysis #: 398064

Storage Temperature: Room temperature, Argon charged

| Parameter                                      | Limit Values               | Result                     |
|------------------------------------------------|----------------------------|----------------------------|
| Refractive index n <sub>20</sub> /D            | 1.562-1.564                | 1.56300                    |
| Specific Rotation [α] <sub>20</sub> /D(c=Neat) | -41--38 (°)                | -39.98000 °                |
| Density (20°C)                                 | 1.008-1.011                | 1.00800                    |
| Purity(GC)                                     | 99-100 (%)                 | 99.08000 %                 |
| Purity(Titration by HClO <sub>4</sub> )        | 98.5-101.5 (%)             | 99.98000 %                 |
| Appearance (B102451)                           | Colorless to Yellow Liquid | Colorless to Yellow Liquid |
| Infrared spectrum                              | Conforms to Structure      | Conforms to Structure      |



John Su  
QA & QC Manager