

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-12-05 10:55:00

Date of Next Testing: 2029-12-04 10:55:00

Product Name: **Dibutylamine**

CAS Number: 111-92-2

Specifications & Purity:  $\geq 99\%$

Lot #: L2503157

SKU #: **D111219**

Version: **1**

Analysis #: **612200**

Storage Temperature: Room temperature, Argon charged

| Parameter                           | Limit Values          | Result                |
|-------------------------------------|-----------------------|-----------------------|
| Refractive index n <sub>20</sub> /D | 1.417-1.419           | 1.41720               |
| Purity(GC)                          | 99-100 (%)            | 99.67300 %            |
| Density (20°C)                      | 0.76-0.762            | 0.76000               |
| Appearance (D111219)                | Colorless liquid      | Colorless liquid      |
| Proton NMR spectrum                 | Conforms to structure | Conforms to Structure |



John Su  
QA & QC Manager