

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-12-05 14:26:54

Date of Next Testing: 2029-12-04 14:26:54

Product Name: **Dodecylamine (DDA)**

CAS Number: 124-22-1

Specifications & Purity:  $\geq 98\%$

Lot #: L2502103

SKU #: **D113938**

Version: **1**

Analysis #: **486833**

Storage Temperature: Room temperature, Argon charged

| Parameter                        | Limit Values                    | Result                          |
|----------------------------------|---------------------------------|---------------------------------|
| Purity(GC)                       | 98-100 (%)                      | 99.45400 %                      |
| Melting point                    | 26-32 (°C)                      | 31.20000 °C                     |
| Purity(Neutralization titration) | 98-102 (%)                      | 100.07000 %                     |
| Amine value(total)               | 298-305 (mgKOH/g)               | 302.88000 mgKOH/g               |
| Appearance (D113938)             | colorless liquid or white solid | colorless liquid or white solid |
| Proton NMR spectrum              | Conforms to Structure           | Conforms to Structure           |



John Su  
QA & QC Manager