

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-01-07 09:55:43  
 Date of Next Testing: 2027-12-28 09:55:43  
 Product Name: **n-Octylamine**  
 CAS Number: 111-86-4  
 Specifications & Purity:  $\geq 99\%$   
 Lot #: L2529043  
 SKU #: **O110545**  
 Version: **1**  
 Analysis #: **628545**  
 Storage Temperature: Protected from light, Room temperature, Argon charged, Cool

| Parameter                               | Limit Values                     | Result                           |
|-----------------------------------------|----------------------------------|----------------------------------|
| Purity(Titration by HClO <sub>4</sub> ) | 98.5-101.5 (%)                   | 99.32000 %                       |
| Refractive index n <sub>20</sub> /D     | 1.428-1.431                      | 1.42890                          |
| Density (20°C)                          | 0.78-0.785                       | 0.78040                          |
| Purity(GC)                              | 99-100 (%)                       | 99.70400 %                       |
| Appearance (O110545)                    | Colorless to light yellow liquid | Colorless to light yellow liquid |
| NMR Spectrum 1H                         | Conforms to Structure            | Conforms to Structure            |
| Infrared spectrum                       | Conforms to Structure            | Conforms to Structure            |



John Su  
QA & QC Manager