

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-12-10 18:58:08  
 Date of Next Testing: 2027-12-10 18:58:08  
 Product Name: **3,6,9-Trioxaundecane-1,11-diamine**  
 CAS Number: 929-75-9  
 Specifications & Purity:  $\geq 98\%$   
 Lot #: L2404367  
 SKU #: **D121594**  
 Version: **1**  
 Analysis #: **387590**  
 Storage Temperature: Room temperature, Argon charged

| Parameter                    | Limit Values                     | Result                           |
|------------------------------|----------------------------------|----------------------------------|
| Purity(GC)                   | 98-100 (%)                       | 98.47000 %                       |
| Purity(Nonaqueous Titration) | 97.5-102.5 (%)                   | 98.25000 %                       |
| Proton NMR spectrum          | Conforms to Structure            | Conforms to Structure            |
| Appearance (D121594)         | Colorless to light yellow liquid | Colorless to light yellow liquid |



John Su  
QA & QC Manager