

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-04-24 10:41:03  
 Date of Next Testing: 2030-04-23 10:41:03  
 Product Name: **N-(3-Aminopropyl)diethanolamine**  
 CAS Number: 4985-85-7  
 Specifications & Purity:  $\geq 90\%$   
 Lot #: D2615178  
 SKU #: **A102524**  
 Version: **0**  
 Analysis #: **697780**  
 Storage Temperature: Room temperature, Argon charged

| Parameter                           | Limit Values                     | Result                           |
|-------------------------------------|----------------------------------|----------------------------------|
| Purity(GC)                          | 90-100 (%)                       | 94.40000 %                       |
| Refractive index n <sub>20</sub> /D | 1.496-1.499                      | 1.49690                          |
| Density (20°C)                      | 1.068-1.075                      | 1.07120                          |
| Appearance (A102524)                | Colorless to light yellow liquid | Colorless to light yellow liquid |
| Proton NMR spectrum                 | Conforms to Structure            | Conforms to Structure            |



John Su  
QA & QC Manager