

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-10-08 16:29:27

Date of Next Testing: 2028-10-07 16:29:27

Product Name: **N-aminopropylmorpholine**

CAS Number: 123-00-2

Specifications & Purity:  $\geq 98\%$

Lot #: L2023009

SKU #: **A105340**

Version: **0**

Analysis #: **416121**

Storage Temperature: Room temperature

| Parameter                               | Limit Values          | Result                |
|-----------------------------------------|-----------------------|-----------------------|
| Density (20°C)                          | 0.985-0.989           | 0.98500               |
| Purity(GC)                              | 98-100 (%)            | 98.65700 %            |
| Refractive index n <sub>20</sub> /D     | 1.476-1.478           | 1.47670               |
| Purity(Titration by HClO <sub>4</sub> ) | 99-100 (%)            | 99.97000 %            |
| Appearance (A105340)                    | Colorless Liquid      | Colorless liquid      |
| Infrared spectrum                       | Conforms to Structure | Conforms to Structure |



John Su  
QA & QC Manager