

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-04-10 14:13:37

Date of Next Testing: 2029-04-09 14:13:37

Product Name: **N-Ethylmorpholine**

CAS Number: 100-74-3

Specifications & Purity:  $\geq 99\%$

Lot #: G2115038

SKU #: **E104658**

Version: **0**

Analysis #: **493351**

Storage Temperature: Room temperature

| Parameter                           | Limit Values               | Result                     |
|-------------------------------------|----------------------------|----------------------------|
| Purity(GC)                          | 99-100 (%)                 | 99.36300 %                 |
| Density (20°C)                      | 0.913-0.916                | 0.91480                    |
| Refractive index n <sub>20</sub> /D | 1.439-1.442                | 1.44140                    |
| Water by Karl Fischer               | 0-0.3 (%)                  | 0.16700 %                  |
| Appearance (E104658)                | Colorless to Yellow Liquid | Colorless to Yellow Liquid |
| Proton NMR spectrum                 | Conforms to Structure      | Conforms to Structure      |



John Su  
QA & QC Manager