

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-02-22 15:34:54

Date of Next Testing: 2029-02-21 15:34:54

Product Name: **1-(2-Dimethylaminoethyl)-4-methylpiperazine**

CAS Number: 104-19-8

Specifications & Purity:  $\geq 98\%$ (GC)

Lot #: B2518186

SKU #: **D154306**

Version: **0**

Analysis #: **475318**

Storage Temperature: Room temperature

| Parameter                           | Limit Values          | Result                |
|-------------------------------------|-----------------------|-----------------------|
| Refractive index n <sub>20</sub> /D | 1.463-1.466           | 1.46520               |
| Purity(GC)                          | 98-100 (%)            | 98.80000 %            |
| Proton NMR spectrum                 | Conforms to Structure | Conforms to Structure |



John Su  
QA & QC Manager