

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-08-21 09:45:44

Date of Next Testing: 2029-08-20 09:45:44

Product Name: **N,N-Dimethyl-m-toluidine**

CAS Number: 121-72-2

Specifications & Purity:  $\geq 97\%$ (GC)

Lot #: K2105361

SKU #: **D140173**

Version: **0**

Analysis #: **556830**

Storage Temperature: Room temperature, Argon charged

| Parameter                           | Limit Values                        | Result                              |
|-------------------------------------|-------------------------------------|-------------------------------------|
| Density (20°C)                      | 0.941-0.944                         | 0.94140                             |
| Purity(GC)                          | 97-100 (%)                          | 98.83500 %                          |
| Refractive index n <sub>20</sub> /D | 1.55-1.552                          | 1.55010                             |
| Purity(Nonaqueous Titration)        | 97-100 (%)                          | 98.02000 %                          |
| Appearance (D140173)                | colorless to yellow to brown liquid | colorless to yellow to brown liquid |
| Infrared spectrum                   | Conforms to Structure               | Conforms to Structure               |



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QA & QC Manager