

Certificate of Analysis

Date of Testing: 2023-07-27 17:10:09
Date of Next Testing: 2025-07-16 17:10:09
Product Name: **N-Methyl morpholine**
CAS Number: 109-02-4
Specifications & Purity: reagent grade,98%
Lot #: G2321886
SKU #: **M104641**
Version: **0**
Analysis #: **256686**
Storage Temperature: Protected from light,Room temperature

| Parameter | Limit Values | Result |
|------------------------------------|--------------|---------|
| Water by Karl Fischer | 0-1 (%) | 0.08 % |
| Sulfate(SO42-) | 0-0.05 (%) | 0.00 % |
| Refractive index n20/D | 1.433-1.437 | 1.44 |
| Assay | 98-100 (%) | 99.92 % |
| Density (20°C) | 0.917-0.922 | 0.92 |
| Ignition Residue (as sulfate) | 0-0.01 (%) | 0.00 % |
| Solubility in EtOH , clear,50mg/ml | pass | Pass |



John Su
QA & QC Manager