

Certificate of Analysis

Date of Testing: 2023-11-17 15:45:05
Date of Next Testing: 2027-11-16 15:45:05
Product Name: **N-N-Dimethylacetamide**
CAS Number: 127-19-5
Specifications & Purity: for HPLC, $\geq 99.8\%$ (GC)
Lot #: K2313100
SKU #: **D108095**
Analysis: 291715
Storage Temperature: Argon charged

| Parameter | Limit Values | Result |
|-----------------------|-----------------------|-----------------------|
| UV Absorbance 310nm | 0-0.05 | 0.03 |
| UV Absorbance 320nm | 0-0.03 | 0.02 |
| Purity(GC) | 99.8-100 (%) | 99.91% |
| Density (20°C) | 0.941-0.944 | 0.94 |
| Evaporation Residue | 0-0.001 (%) | 0.00% |
| UV Absorbance 400nm | 0-0.01 | 0.01 |
| UV Absorbance 360nm | 0-0.01 | 0.01 |
| UV Absorbance 270nm | 0-1 | 0.53 |
| UV Absorbance 280nm | 0-0.3 | 0.13 |
| UV Absorbance 290nm | 0-0.15 | 0.07 |
| Water by Karl Fischer | 0-0.03 (%) | 0.01% |
| Appearance (D108095) | Colorless liquid | Colorless liquid |
| Infrared spectrum | Conforms to Structure | Conforms to Structure |
| Proton NMR spectrum | Conforms to Structure | Conforms to Structure |



John Su
QA & QC Manager