

CERTIFICATE OF ANALYSIS

(Certificate No. KMM001011-01)

Release Date: 17/04/2024

Re-test Date: 16/04/2027

N,N-dimethyl-4-nitroaniline

Identification

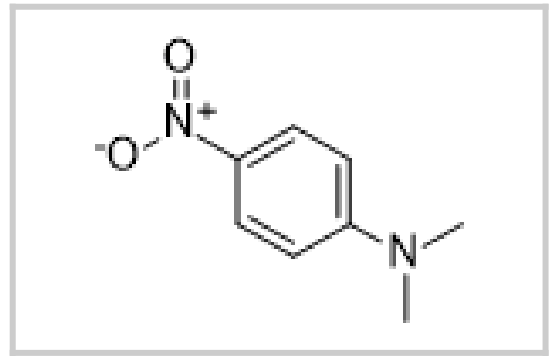
Chemical Name :
N,N-dimethyl-4-nitroaniline

CAT No. : KMM001011

CAS No. : 100-23-2

Molecular Formula : C₈H₁₀N₂O₂

Molecular Weight : 166.18



Analytical Information

Batch No. : NIN-DM-073-173

Description : Yellow Solid

HPLC Purity : 98.57 %

Weight Loss By TGA : 0.13 %

% Potency : 98.44 %

Solubility : ACN

Mass : Confirm

IR : Confirm

¹H NMR : Confirm

Additional Information

Long Term Storage : Store at 2-8 deg. C for long term storage

Shipping Condition : Product is stable to be shipped at room temperature

% Potency = [100 - 0.13(Weight Loss By TGA)] x [98.57(HPLC Purity)]/100 = 98.44 %

Recommendation : Released

| | Department | Name | Signature | Date |
|-----------------------------------|-----------------|---------------|-----------|------------|
| Prepared By | Analytical | Jignesh Patel | | 18/04/2024 |
| Reviewed & Approved By | Quality Control | Jatin Patel | | 18/04/2024 |

Attachments : COA, HPLC, MASS, ¹HNMR, IR and TGA