

# CERTIFICATE OF ANALYSIS

(Certificate No. KMM001402-01)

Release Date: 28/11/2024

Re-test Date: 27/11/2027

## 4-Nitroaniline

### Identification

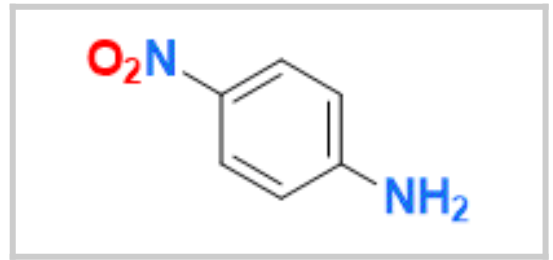
Chemical Name :  
4-nitroaniline

CAT No. : KMM001402

CAS No. : 100-01-6

Molecular Formula : C<sub>6</sub>H<sub>6</sub>N<sub>2</sub>O<sub>2</sub>

Molecular Weight : 138.12



### Analytical Information

Batch No. : M001402-091-041

Description : Brown Solid

HPLC Purity : 99.93 %

Weight Loss By TGA : 0.13 %

% Potency : 99.8 %

Solubility : Acetonitrile

Mass : Confirm

IR : Confirm

<sup>1</sup>H 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 [99.93(HPLC Purity)]/100 = 99.8 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		02/12/2024
Reviewed & Approved By	Quality Control	Jatin Patel		02/12/2024

Attachments : COA, HPLC, MASS, <sup>1</sup>H NMR, IR and TGA