

# CERTIFICATE OF ANALYSIS

(Certificate No. KMB004001-01)

Release Date: 14/05/2024

Re-test Date: 13/05/2027

## N-Methyl-2,4-dinitroaniline

### Identification

**Chemical Name :**

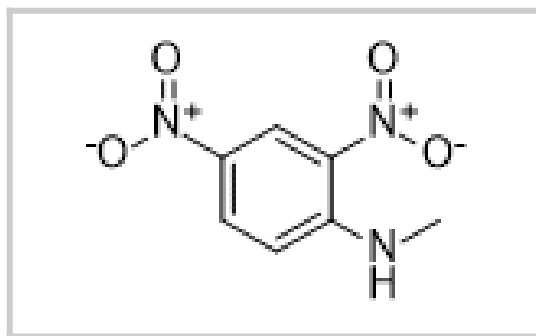
N-methyl-2,4-dinitroaniline

**CAT No.** : KMB004001

**CAS No.** : 2044-88-4

**Molecular Formula** : C7H7N3O4

**Molecular Weight** : 197.15



### Analytical Information

**Batch No.** : BEN-DI-NO-073-218

**Solubility** : ACN

**Description** : Yellow Solid

**Mass** : Confirm

**HPLC Purity** : 96.92 %

**IR** : Confirm

**Weight Loss By TGA** : 0.04 %

**1H NMR** : Confirm

**% Potency** : 96.88 %

### 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** =  $[100 - 0.04(\text{Weight Loss By TGA})] \times [96.92(\text{HPLC Purity})]/100 = 96.88 \%$

**Recommendation** : Released

	Department	Name	Signature	Date
<b>Prepared By</b>	Analytical	Jignesh Patel		15/05/2024
<b>Reviewed &amp; Approved By</b>	Quality Control	Jatin Patel		15/05/2024

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