

# CERTIFICATE OF ANALYSIS

(Certificate No. KMC017018-01)

Release Date: 27/12/2022

Re-test Date: 26/12/2025

## 2,5-Dichloronitrobenzene

### Identification

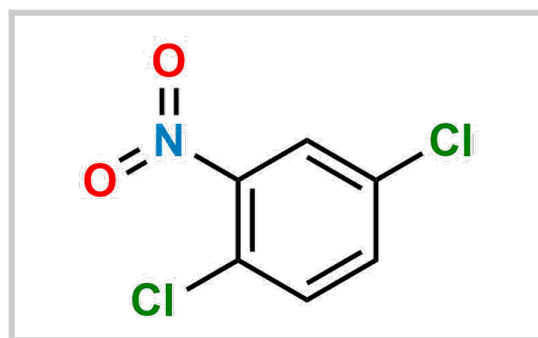
**Chemical Name :**  
1,4-Dichloro-2-nitrobenzene

**CAT No. :** KMC017018

**CAS No. :** 89-61-2

**Molecular Formula :** C<sub>6</sub>H<sub>3</sub>Cl<sub>2</sub>NO<sub>2</sub>

**Molecular Weight :** 192.0



### Analytical Information

**Batch No. :** CLO-IMP-9-030-379

**Description :** Off White Solid

**HPLC Purity :** 99.80 %

**Weight Loss By TGA :** 1.65 %

**% Potency :** 98.15 %

**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 - 1.65(Weight Loss By TGA)] x [99.80(HPLC Purity)]/100 = 98.15 %

Remarks : COA Re-generated on 24.10.2024

**Recommendation :** Released

|                        | Department      | Name          | Signature | Date       |
|------------------------|-----------------|---------------|-----------|------------|
| Prepared By            | Analytical      | Jignesh Patel |           | 24/10/2024 |
| Reviewed & Approved By | Quality Control | Jatin Patel   |           | 24/10/2024 |

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