

# **CERTIFICATE OF ANALYSIS**

(Certificate No. KMM001014-01)

**Release Date:** 03/08/2023

**Re-test Date:** 02/08/2026

## **Ortho Chloro Nitro Benzene**

### **Identification**

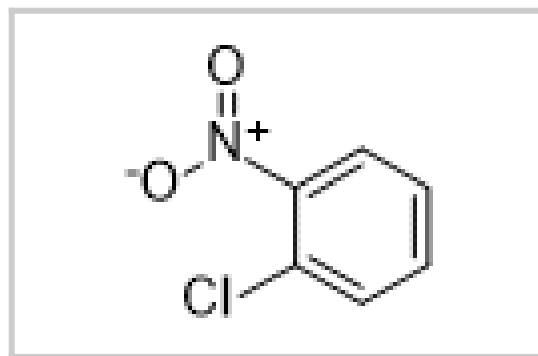
**Chemical Name :**  
1-chloro-2-nitrobenzene

**CAT No.** : KMM001014

**CAS No.** : 88-73-3

**Molecular Formula** : C<sub>6</sub>H<sub>4</sub>ClNO<sub>2</sub>

**Molecular Weight** : 157.55



### **Analytical Information**

**Batch No.** : 2-CNB-045-224

**Solubility** : ACN

**Description** : Pale Yellow Liquid

**Mass** : Confirm

**HPLC Purity** : 99.87 %

**IR** : Confirm

**Weight Loss By TGA** : 2.23 %

**<sup>1</sup>H NMR** : Confirm

**% Potency** : 97.64 %

### **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 - 2.23(Weight Loss By TGA)] x [99.87(HPLC Purity)]/100 = 97.64 %

Remarks : COA Re-generated on 13.05.2024

**Recommendation** : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		13/05/2024
Reviewed & Approved By	Quality Control	Jatin Patel		13/05/2024

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