

# **CERTIFICATE OF ANALYSIS**

(Certificate No. KMM001458-01)

**Release Date:** 15/05/2025

**Re-test Date:** 14/05/2028

## **3-CHLORO NITROBENZENE**

### **Identification**

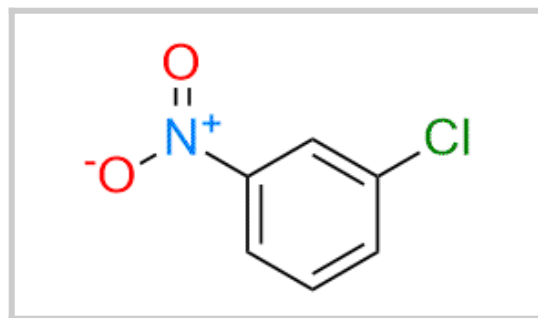
**Chemical Name :**  
1-chloro-3-nitrobenzene

**CAT No.** : KMM001458

**CAS No.** : 121-73-3

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

**Molecular Weight** : 157.55



### **Analytical Information**

**Batch No.** : M001458-102-024

**Description** : Brownish Yellow Crystals

**HPLC Purity** : 99.93 %

**Weight Loss By TGA** : 6.71 %

**% Potency** : 93.22 %

**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 - 6.71(Weight Loss By TGA)] x [99.93(HPLC Purity)]/100 = 93.22 %

**Recommendation** : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		17/05/2025
Reviewed & Approved By	Quality Control	Jatin Patel		17/05/2025

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