CERTIFICATE OF ANALYSIS

(Certificate No. KMM001458-01)

Release Date: 15/05/2025 **Re-test Date:** 14/05/2028

3-CHLORO NITROBENZENE

Identification

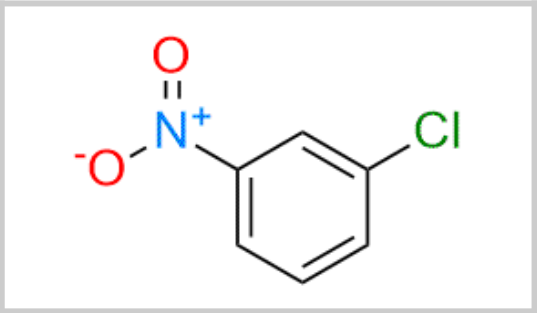
Chemical Name :
1-chloro-3-nitrobenzene

CAT No. : KMM001458

CAS No. : 121-73-3

Molecular Formula : C6H4ClNO2

Molecular Weight : 157.55



Analytical Information

Batch No.	: M001458-102-024	**Solubility**	: Acetonitrile
Description	: Brownish Yellow Crystals	**Mass**	: Confirm
HPLC Purity	: 99.93 %	**IR**	: Confirm
Weight Loss By TGA	: 6.71 %	**1H NMR**	: Confirm
% Potency	: 93.22 %		

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, 1HNMR, IR and TGA