CERTIFICATE OF ANALYSIS

(Certificate No. KMM001446-01)

Release Date: 13/03/2025 **Re-test Date:** 12/03/2028

2-Chloro Benzonitrile

Identification

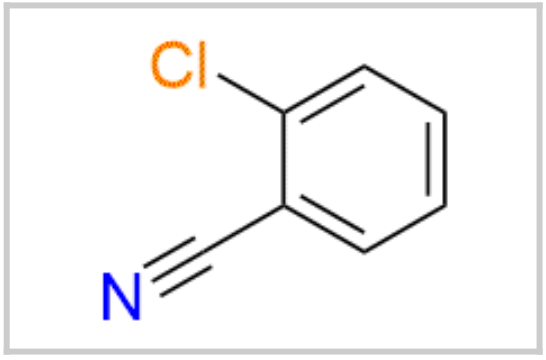
Chemical Name :
2-chlorobenzonitrile

CAT No. : KMM001446

CAS No. : 873-32-5

Molecular Formula : C7H4ClN

Molecular Weight : 137.57



Analytical Information

Batch No.	: M001446-091-251	**Solubility**	: ACN : Water (1:1)
Description	: White Solid	**Mass**	: Confirm
GC Purity	: 100.00 %	**IR**	: Confirm
Weight Loss By TGA	: 1.45 %	**1H NMR**	: Confirm
% Potency	: 98.55 %	**13C 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 - 1.45(Weight Loss By TGA)] x [100.00(GC Purity)]/100 = 98.55 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		17/03/2025
Reviewed & Approved By	Quality Control	Jatin Patel		17/03/2025

Attachments : COA, GC, MASS, 1HNMR, 13CNMR, IR and TGA