CERTIFICATE OF ANALYSIS

(Certificate No. KML095016-01)

Release Date: 05/02/2025 **Re-test Date:** 04/02/2028

Loratadine Nitrile Impurity

Identification

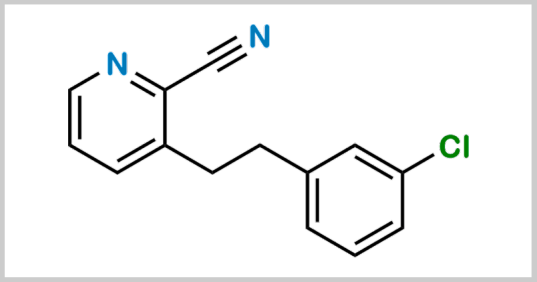
Chemical Name :
3-[2-(3-Chlorophenyl)ethyl]pyridine-2-carbonitrile ;

CAT No. : KML095016

CAS No. : 31255-57-9

Molecular Formula : C14H11ClN2

Molecular Weight : 242.7



Analytical Information

Batch No.	: L095016-091-206	**Solubility**	: Acetonitrile
Description	: Light Brown Solid	**Mass**	: Confirm
HPLC Purity	: 99.76 %	**IR**	: Confirm
Weight Loss By TGA	: 0.05 %	**1H NMR**	: Confirm
% Potency	: 99.71 %		

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 - 0.05(Weight Loss By TGA)] x [99.76(HPLC Purity)]/100 = 99.71 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		15/02/2025
Reviewed & Approved By	Quality Control	Jatin Patel		15/02/2025

Attachments : COA, HPLC, MASS, 1HNMR, IR and TGA