CERTIFICATE OF ANALYSIS

(Certificate No. KML003001-01)

Release Date: 26/02/2024 **Re-test Date:** 25/02/2027

Nitro Chloro Compound

Identification

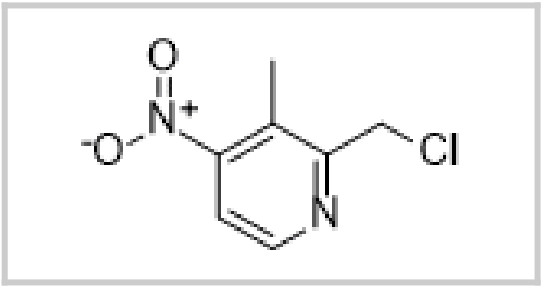
Chemical Name :
2-(chloromethyl)-3-methyl-4-nitropyridine

CAT No. : KML003001

CAS No. : 116418-99-6

Molecular Formula : C7H7ClN2O2

Molecular Weight : 186.60



Analytical Information

Batch No.	: LAN-NC-073-094	**Solubility**	: ACN
Description	: Light Yellow Liquid	**Mass**	: Confirm
HPLC Purity	: 99.52 %	**IR**	: Confirm
Weight Loss By TGA	: 1.88 %	**1H NMR**	: Confirm
% Potency	: 97.65 %		

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 - 1.88(Weight Loss By TGA)] x [99.52(HPLC Purity)]/100 = 97.65 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		26/02/2024
Reviewed & Approved By	Quality Control	Jatin Patel		26/02/2024

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