

CERTIFICATE OF ANALYSIS

(Certificate No. KML003001-01)

Release Date: 26/02/2024

Re-test Date: 25/02/2027

Nitro Chloro Compound

Identification

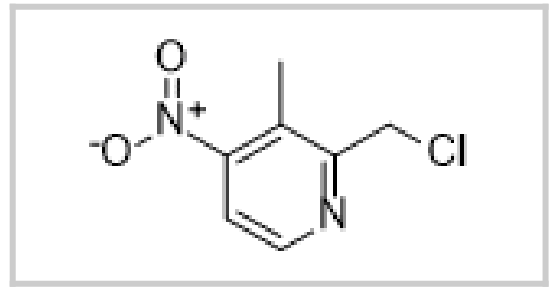
Chemical Name :
2-(chloromethyl)-3-methyl-4-nitropyridine

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 = $[100 - 1.88(\text{Weight Loss By TGA})] \times [99.52(\text{HPLC Purity})]/100 = 97.65 \%$

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