

CERTIFICATE OF ANALYSIS

(Certificate No. KML003001-01)

Release Date: 26/02/2024

Re-test Date: 25/02/2027

Nitro Chloro Compound

Identification

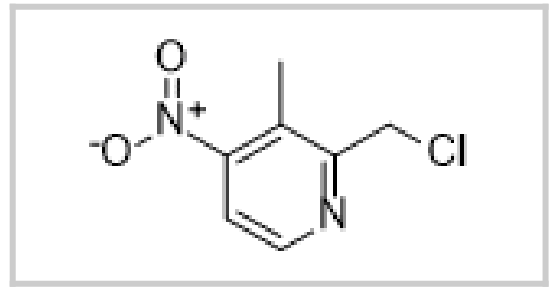
Chemical Name :
2-(chloromethyl)-3-methyl-4-nitropyridine

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