

CERTIFICATE OF ANALYSIS

(Certificate No. KMM001003-01)

Release Date: 12/04/2024

Re-test Date: 11/04/2027

Loratadine Impurity 36

Identification

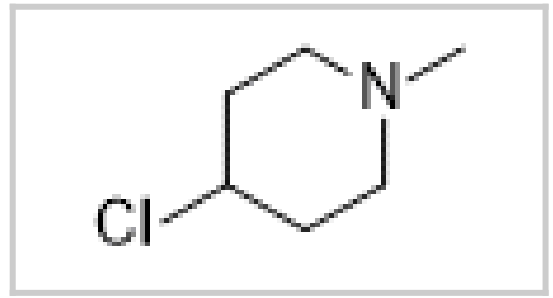
Chemical Name :
4-chloro-1-methylpiperidine

CAT No. : KMM001003

CAS No. : 5570-77-4

Molecular Formula : C₆H₁₂ClN

Molecular Weight : 133.62



Analytical Information

Batch No. : LOR-IMP-36-073-156

Solubility : MDC

Description : Colorless Liquid

Mass : Confirm

GC Purity : 99.59 %

IR : Confirm

Weight Loss By KF : 0.27 %

¹H NMR : Confirm

% Potency : 99.32 %

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 - 0.27(Weight Loss By KF)] x [99.59(GC Purity)]/100 = 99.32 %

Recommendation : Released

| | Department | Name | Signature | Date |
|-----------------------------------|-----------------|---------------|-----------|------------|
| Prepared By | Analytical | Jignesh Patel | | 13/04/2024 |
| Reviewed & Approved By | Quality Control | Jatin Patel | | 13/04/2024 |

Attachments : COA, GC, MASS, ¹H NMR, IR and KF