

CERTIFICATE OF ANALYSIS

(Certificate No. KMD064031-01)

Release Date: 21/10/2024

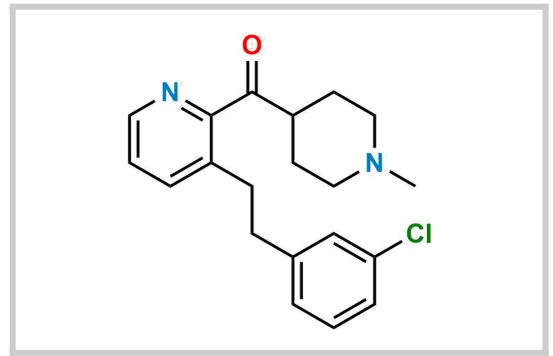
Re-test Date: 20/10/2027

Loratadine Ketone Impurity

Identification

Chemical Name :
(3-(3-Chlorophenethyl)pyridin-2-yl)(1-methylpiperidin-4-yl)methanone

CAT No. : KMD064031
CAS No. : 130642-50-1
Molecular Formula : C₂₀H₂₃ClN₂O
Molecular Weight : 342.9



Analytical Information

Batch No.	: D064031-073-420	Solubility	: Acetonitrile
Description	: Light Brown Solid	Mass	: Confirm
HPLC Purity	: 99.88 %	IR	: Confirm
Weight Loss By TGA	: 4.28 %	¹H NMR	: Confirm
% Potency	: 95.61 %		

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 - 4.28(Weight Loss By TGA)] x [99.88(HPLC Purity)]/100 = 95.61 %
Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		21/10/2024
Reviewed & Approved By	Quality Control	Jatin Patel		21/10/2024

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