CERTIFICATE OF ANALYSIS

(Certificate No. KMC001001-01)

Release Date: 31/01/2024 **Re-test Date:** 30/01/2027

Chlorpheniramine N-Oxide

Identification

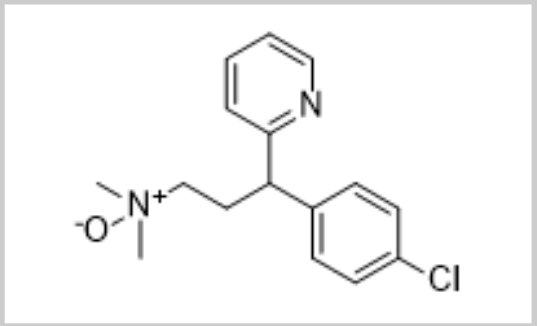
Chemical Name :
3-(4-Chlorophenyl)-N,N-dimethyl-3-(pyridin-2-yl)propan-1-amine oxide

CAT No. : KMC001001

CAS No. : 120244-82-8

Molecular Formula : C16H19ClN2O

Molecular Weight : 290.80



Analytical Information

Batch No.	: CHL-N-OXIDE-073-057	**Solubility**	: Acetonitrile
Description	: Off White Semi Solid	**Mass**	: Confirm
HPLC Purity	: 98.60 %	**IR**	: Confirm
Weight Loss By TGA	: 1.32 %	**1H NMR**	: Confirm
% Potency	: 97.3 %		

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 - 1.32(Weight Loss By TGA)] x [98.60(HPLC Purity)]/100 = 97.3 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh patel		12/08/2024
Reviewed & Approved By	Quality Control	Jatin patel		12/08/2024

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