CERTIFICATE OF ANALYSIS

(Certificate No. KMC149006-01)

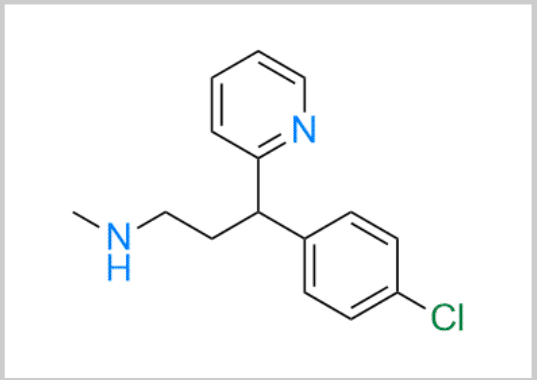
Release Date: 24/05/2025 **Re-test Date:** 23/05/2028

Chlorpheniramine Related Compound C

Identification

Chemical Name :
(3RS)-3-(4-Chlorophenyl)-N-methyl-3-(pyridin-2-yl)propan-1-amine

Alt. Name	: Desmethyl Chlorpheniramine ; Chlorpheniramine USP Related Compound C
CAT No.	: KMC149006
CAS No.	: 20619-12-9 ; 22630-25-7 (Maleate Salt)
Molecular Formula	: C15H17ClN2
Molecular Weight	: 260.8



Analytical Information

Batch No.	: C149006-102-045	**Solubility**	: Acetonitrile
Description	: Brown Thick Syrup	**Mass**	: Confirm
HPLC Purity	: 98.32 %	**IR**	: Confirm
Weight Loss By TGA	: 0.97 %	**1H NMR**	: Confirm
% Potency	: 97.37 %		

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 - 0.97(Weight Loss By TGA)] x [98.32(HPLC Purity)]/100 = 97.37 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		24/05/2025
Reviewed & Approved By	Quality Control	Jatin Patel		24/05/2025

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