CERTIFICATE OF ANALYSIS

(Certificate No. KMD017005-01)

Release Date: 05/05/2024 **Re-test Date:** 04/05/2027

Doxylamine Pyridine 4-yl Isomer

Identification

Chemical Name :
N,N-dimethyl-2-(1-phenyl-1-(pyridin-4-yl)ethoxy)ethanamine

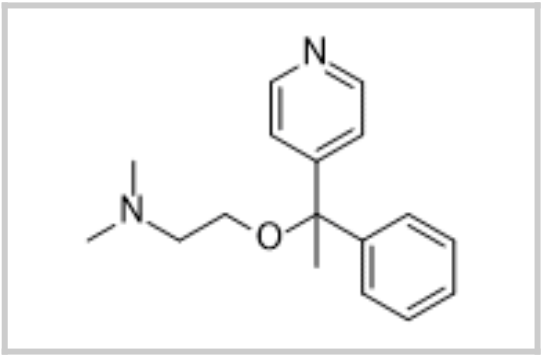
Alt. Name : Doxylamine 4-Pyridinyl Isomer

CAT No. : KMD017005

CAS No. : 873407-01-3

Molecular Formula : C17H22N2O

Molecular Weight : 270.37



Analytical Information

Batch No.	: DOX-EPA-073-195	**Solubility**	: ACN : Water (1:1)
Description	: Brown Liquid	**Mass**	: Confirm
HPLC Purity	: 99.64 %	**IR**	: Confirm
Weight Loss By TGA	: 0.23 %	**1H NMR**	: Confirm
% Potency	: 99.41 %		

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 - 0.23(Weight Loss By TGA)] x [99.64(HPLC Purity)]/100 = 99.41 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		08/05/2024
Reviewed & Approved By	Quality Control	Jatin Patel		08/05/2024

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