CERTIFICATE OF ANALYSIS

(Certificate No. KMD010007-01)

Release Date: 27/09/2024 **Re-test Date:** 26/09/2027

Doxepin Related Compound B

Identification

Chemical Name :
11-(3-(dimethylamino)propyl)-6,11-dihydrodibenzo[b,e]oxepin-11-ol

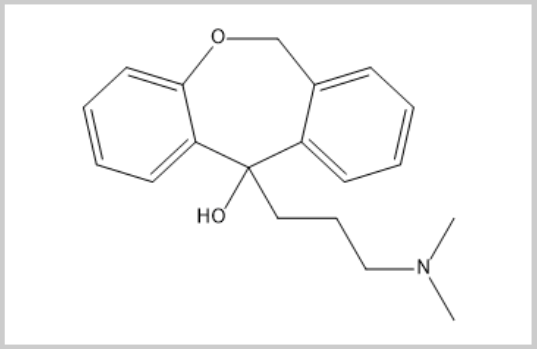
Alt. Name : Doxepin USP Related Compound B

CAT No. : KMD010007

CAS No. : 4504-88-5

Molecular Formula : C19H23NO2

Molecular Weight : 297.4



Analytical Information

Batch No.	: DOXE-EPB-019-127	**Solubility**	: Methanol
Description	: White Solid	**Mass**	: Confirm
HPLC Purity	: 98.58 %	**IR**	: Confirm
Weight Loss By TGA	: 0.64 %	**1H NMR**	: Confirm
% Potency	: 97.95 %	**13C NMR**	: Confirm

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 - 0.64(Weight Loss By TGA)] x [98.58(HPLC Purity)]/100 = 97.95 %
-Re-tested on 27.09.2024

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		28/09/2024
Reviewed & Approved By	Quality Control	Jatin Patel		28/09/2024

Attachments : COA, HPLC, MASS, 1HNMR, 13CNMR, IR and TGA