CERTIFICATE OF ANALYSIS

(Certificate No. KMD010001-01)

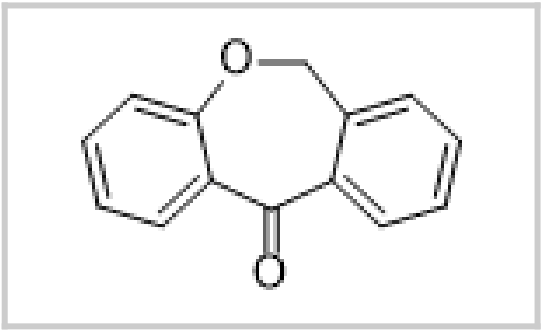
Release Date: 18/06/2024 **Re-test Date:** 17/06/2027

Doxepin Related Compound A

Identification

Chemical Name :
dibenzo[b,e]oxepin-11(6H)-one

Alt. Name	: Doxepin USP Related Compound A ; Doxepinone
CAT No.	: KMD010001
CAS No.	: 4504-87-4
Molecular Formula	: C14H10O2
Molecular Weight	: 210.23



Analytical Information

Batch No.	: DOX-EPA-073-264	**Solubility**	: ACN
Description	: Off White Solid	**Mass**	: Confirm
HPLC Purity	: 99.98 %	**IR**	: Confirm
Weight Loss By TGA	: 0.14 %	**1H NMR**	: Confirm
% Potency	: 99.84 %		

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 - 0.14(Weight Loss By TGA)] x [99.98(HPLC Purity)]/100 = 99.84 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		18/06/2024
Reviewed & Approved By	Quality Control	Jatin Patel		18/06/2024

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