CERTIFICATE OF ANALYSIS

(Certificate No. KML002003-01)

Release Date: 09/02/2024 **Re-test Date:** 08/02/2027

Lorazepam EP Impurity B

Identification

Chemical Name :
(3RS)-7-Chloro-5-(2-chlorophenyl)-2-oxo-2,3-dihydro-1H-1,4-benzodiazepin-3-yl acetate

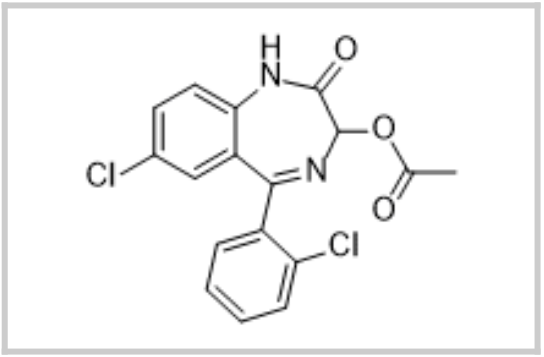
Alt. Name : Lorazepam USP Related Compound A

CAT No. : KML002003

CAS No. : 2848-96-6

Molecular Formula : C17H12Cl2N2O3

Molecular Weight : 363.19



Analytical Information

Batch No.	: LOR-EPB-073-065	**Solubility**	: ACN
Description	: Brown Solid	**Mass**	: Confirm
HPLC Purity	: 97.38 %	**IR**	: Confirm
Weight Loss By TGA	: 0.42 %	**1H NMR**	: Confirm
% Potency	: 96.97 %		

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 - 0.42(Weight Loss By TGA)] x [97.38(HPLC Purity)]/100 = 96.97 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		
Reviewed & Approved By	Quality Control	Jatin Patel		

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