CERTIFICATE OF ANALYSIS

(Certificate No. KMC017008-01)

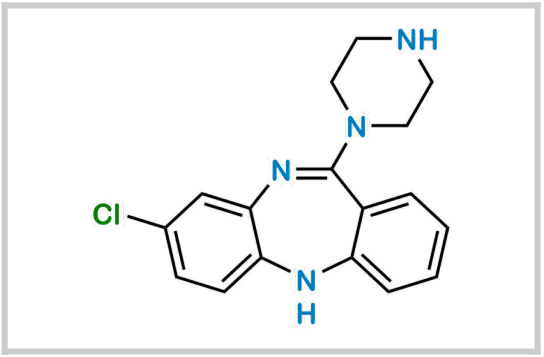
Release Date: 12/12/2024 **Re-test Date:** 11/12/2027

Desmethyl Clozapine

Identification

Chemical Name :
8-Chloro-11-(piperazin-1-yl)-5H-dibenzo[b,e][1,4]diazepine (as per EP)

Alt. Name	: Clozapine impurity A (USP) ; Clozapine EP Impurity C (as per EP)
CAT No.	: KMC017008
CAS No.	: 6104-71-8
Molecular Formula	: C17H17ClN4
Molecular Weight	: 312.8



Analytical Information

Batch No.	: C017008-091-082	**Solubility**	: Acetonitrile
Description	: Yellow Solid	**Mass**	: Confirm
HPLC Purity	: 99.23 %	**IR**	: Confirm
Weight Loss By TGA	: 3.93 %	**1H NMR**	: Confirm
% Potency	: 95.33 %	**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 - 3.93(Weight Loss By TGA)] x [99.23(HPLC Purity)]/100 = 95.33 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		12/12/2024
Reviewed & Approved By	Quality Control	Jatin Patel		12/12/2024

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