

CERTIFICATE OF ANALYSIS

(Certificate No. KMC003005-01)

Release Date: 25/01/2024

Re-test Date: 24/01/2027

Clonidine Related Compound A

Identification

Chemical Name :
1-Acetyl-2-(2,6-dichlorophenylimino)-imidazolidine

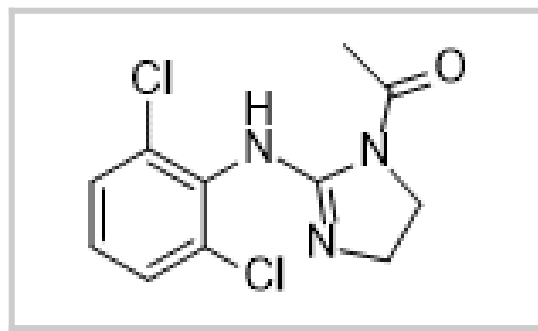
Alt. Name : Clonidine EP Impurity B

CAT No. : KMC003005

CAS No. : 54707-71-0

Molecular Formula : C₁₁H₁₁Cl₂N₃O

Molecular Weight : 272.13



Analytical Information

Batch No. : CLO-RCA-073-032

Description : Off White Solid

HPLC Purity : 99.75 %

Weight Loss By TGA : 0.30 %

% Potency : 99.45 %

Solubility : Acetonitrile :
Water (1 : 1)

Mass : Confirm

IR : Confirm

¹H 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 = $[100 - 0.30(\text{Weight Loss By TGA})] \times [99.75(\text{HPLC Purity})]/100 = 99.45 \%$

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