CERTIFICATE OF ANALYSIS

(Certificate No. KMC003004-01)

Release Date: 03/02/2024 **Re-test Date:** 02/02/2027

Clonidine Impurity II

Identification

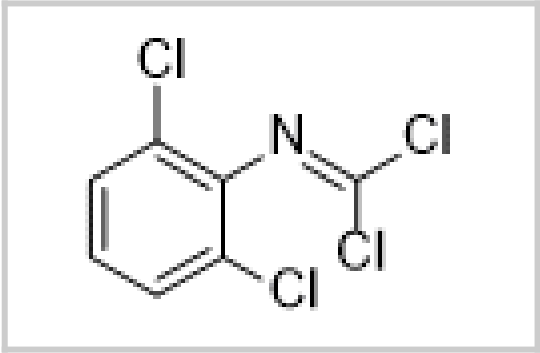
Chemical Name :
(2,6-dichlorophenyl) carbonimidic dichloride

CAT No. : KMC003004

CAS No. : 21709-18-2

Molecular Formula : C7H3Cl4N

Molecular Weight : 242.9



Analytical Information

Batch No. : CLO-IMP-1-073-031

Description : Light Yellow Liquid

HPLC Purity : 96.26 %

Weight Loss By TGA : 1.99 %

% Potency : 94.34 %

Solubility : Acetonitrile

Mass : Confirm as Na adduct

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 - 1.99(Weight Loss By TGA)] x [96.26(HPLC Purity)]/100 = 94.34 %

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