

# CERTIFICATE OF ANALYSIS

(Certificate No. KMC003004-01)

Release Date: 03/02/2024

Re-test Date: 02/02/2027

## Clonidine Impurity II

### Identification

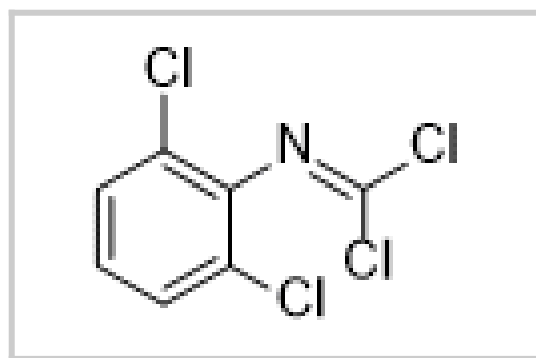
**Chemical Name :**  
(2,6-dichlorophenyl) carbonimidic dichloride

**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

**<sup>1</sup>H 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** =  $[100 - 1.99(\text{Weight Loss By TGA})] \times [96.26(\text{HPLC Purity})]/100 = 94.34 \%$

**Recommendation** : Released

	Department	Name	Signature	Date
<b>Prepared By</b>	Analytical	Jignesh Patel		
<b>Reviewed &amp; Approved By</b>	Quality Control	Jatin Patel		

**Attachments** : COA, HPLC, MASS, <sup>1</sup>H NMR, IR and TGA