

# **CERTIFICATE OF ANALYSIS**

(Certificate No. KMC003025-01)

**Release Date:** 29/07/2025

**Re-test Date:** 28/07/2028

## **Di-Nitroso Clonidine**

### **Identification**

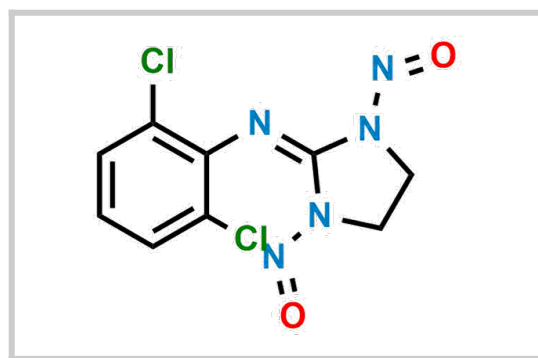
**Chemical Name :**  
N-(2,6-Dichlorophenyl)-1,3-dinitrosoimidazolidin-2-imine

**CAT No.** : KMC003025

**CAS No.** : 148950-50-9

**Molecular Formula** : C<sub>9</sub>H<sub>7</sub>Cl<sub>2</sub>N<sub>5</sub>O<sub>2</sub>

**Molecular Weight** : 288.1



### **Analytical Information**

**Batch No.** : C003025-102-172

**Description** : Yellow Solid

**HPLC Purity** : 93.57 %

**Weight Loss By TGA** : 1.02 %

**% Potency** : 92.62 %

**Solubility** : Acetonitrile

**Mass** : Confirm

**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 - 1.02(Weight Loss By TGA)] x [93.57(HPLC Purity)]/100 = 92.62 %

**Recommendation** : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		29/07/2025
Reviewed & Approved By	Quality Control	Jatin Patel		29/07/2025

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