

# **CERTIFICATE OF ANALYSIS**

(Certificate No. KMT025005-01)

**Release Date:** 10/03/2025

**Re-test Date:** 09/03/2028

## **6-Chloro Purine**

### **Identification**

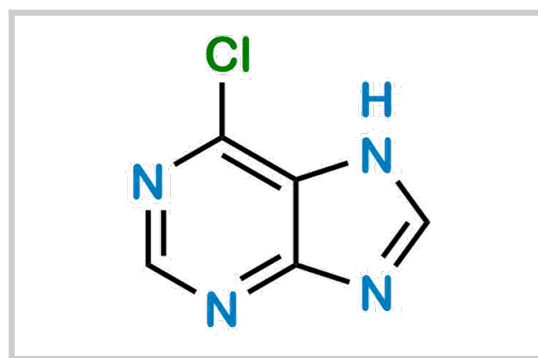
**Chemical Name :**  
6-Chloro-7H-purine

**CAT No.** : KMT025005

**CAS No.** : 87-42-3

**Molecular Formula** : C<sub>5</sub>H<sub>3</sub>ClN<sub>4</sub>

**Molecular Weight** : 154.6



### **Analytical Information**

**Batch No.** : T025005-091-250

**Description** : Yellow Solid

**HPLC Purity** : 99.00 %

**Weight Loss By TGA** : 0.99 %

**% Potency** : 98.02 %

**Solubility** : Methanol

**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 - 0.99(Weight Loss By TGA)] x [99.00(HPLC Purity)]/100 = 98.02 %

**Recommendation** : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		10/03/2025
Reviewed & Approved By	Quality Control	Jatin Patel		10/03/2025

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