

# **CERTIFICATE OF ANALYSIS**

(Certificate No. KMP212004-01)

**Release Date:** 31/05/2022

**Re-test Date:** 30/05/2025

## **4-CHLOROBENZALDEHYDE**

### **Identification**

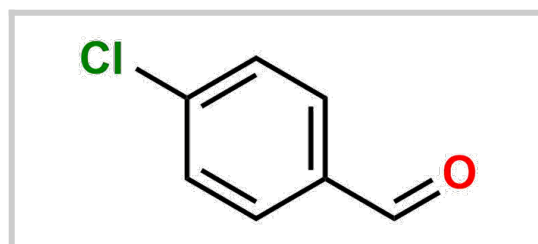
**Chemical Name :**  
4-Chlorobenzaldehyde

**CAT No.** : KMP212004

**CAS No.** : 104-88-1

**Molecular Formula** : C<sub>7</sub>H<sub>5</sub>ClO

**Molecular Weight** : 140.6



### **Analytical Information**

**Batch No.** : 4-CH-BEN-030-145

**Description** : Off White Semi Solid

**HPLC Purity** : 92.52 %

**Weight Loss By TGA** : 0.95 %

**% Potency** : 91.64 %

**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 - 0.95(Weight Loss By TGA)] x [92.52(HPLC Purity)]/100 = 91.64 %  
-Re-tested on 18.04.2025

**Recommendation** : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Parag Patel		28/04/2025
Reviewed & Approved By	Quality Control	Jatin Patel		28/04/2025

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