

# **CERTIFICATE OF ANALYSIS**

(Certificate No. KMM001008-01)

**Release Date:** 15/04/2024

**Re-test Date:** 14/04/2027

## **2-Chloroacetaldehyde (50% Aqueous Solution)**

### **Identification**

**Chemical Name :**  
2-chloroacetaldehyde

**CAT No.** : KMM001008

**CAS No.** : 107-20-0

**Molecular Formula** : C<sub>2</sub>H<sub>3</sub>ClO

**Molecular Weight** : 78.50



### **Analytical Information**

**Batch No.** : 2-CHL-ACE-073-169

**Description** : Colorless Liquid

**GC Purity** : 93.99 %

**Weight Loss By KF** : 50.16 %

**% Potency** : 46.84 %

**Solubility** : Water

**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 - 50.16(Weight Loss By KF)] x [93.99(GC Purity)]/100 = 46.84 %

- 50% aqueous solution

-KF Analysis added on 02.08.2025

**Recommendation** : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		02/08/2025
Reviewed & Approved By	Quality Control	Jatin Patel		02/08/2025

**Attachments** : COA, GC, MASS, <sup>1</sup>HNMR, IR and KF