

# 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

**Solubility :** Water

**Description :** Colorless Liquid

**Mass :** Confirm

**GC Purity :** 93.99 %

**IR :** Confirm

**% Potency :** 93.99 %

**<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 =**  $[100 - ] \times [93.99(\text{GC Purity})]/100 = 93.99 \%$   
- 50% aqueous solution

**Recommendation :** Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		21/04/2024
Reviewed & Approved By	Quality Control	Jatin Patel		21/04/2024

**Attachments :** COA, GC, MASS, <sup>1</sup>H NMR, IR