

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 : C₂H₃ClO

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

Weight Loss By KF : 50.16 %

¹H NMR : Confirm

% Potency : 46.84 %

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, ¹HNMR, IR and KF