CERTIFICATE OF ANALYSIS

(Certificate No. KMM001008-01)

Release Date: 15/04/2024 **Re-test Date:** 14/04/2027

2-Chloroacetaldehyde (50% Aqueous Solution)

Identification

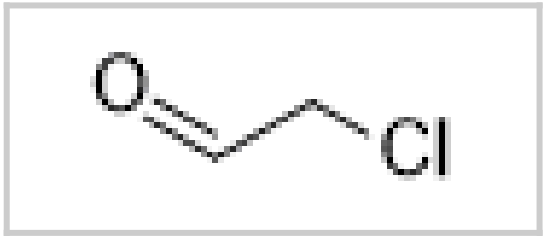
Chemical Name :
2-chloroacetaldehyde

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		26/11/2025
Reviewed & Approved By	Quality Control	Jatin Patel		26/11/2025

Attachments : COA, GC, MASS, 1HNMR, IR and KF