CERTIFICATE OF ANALYSIS

(Certificate No. KMM001486-01)

Release Date: 31/12/2025 **Re-test Date:** 30/12/2028

METHYL 4-HYDROXYBUTANOATE

Identification

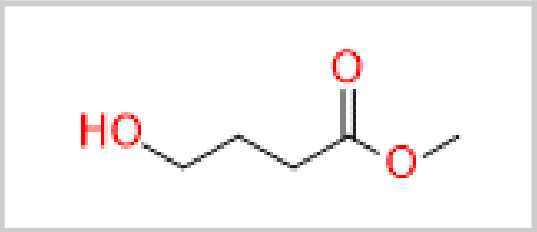
Chemical Name :
4-Hydroxybutyric acid methyl ester

CAT No. : KMM001486

CAS No. : 925-57-5

Molecular Formula : C5H10O3

Molecular Weight : 118.13



Analytical Information

Batch No.	: M001486-114-077	**Solubility**	: MDC
Description	: Pale Yellow Liquid	**Mass**	: Confirm
GC Purity	: 94.85 %	**IR**	: Confirm
Weight Loss By KF	: 2.82 %	**1H NMR**	: Confirm
% Potency	: 92.18 %		

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 - 2.82(Weight Loss By KF)] x [94.85(GC Purity)]/100 = 92.18 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		31/12/2025
Reviewed & Approved By	Quality Control	Jatin Patel		31/12/2025

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