

# **CERTIFICATE OF ANALYSIS**

(Certificate No. KMM001486-01)

**Release Date:** 31/12/2025

**Re-test Date:** 30/12/2028

## **METHYL 4-HYDROXYBUTANOATE**

### **Identification**

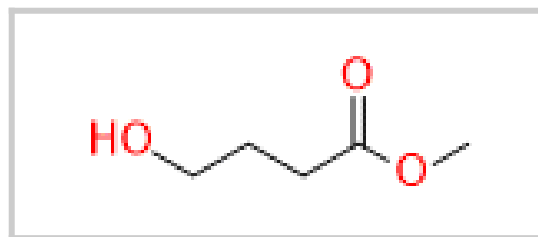
**Chemical Name :**  
4-Hydroxybutyric acid methyl ester

**CAT No.** : KMM001486

**CAS No.** : 925-57-5

**Molecular Formula** : C<sub>5</sub>H<sub>10</sub>O<sub>3</sub>

**Molecular Weight** : 118.13



### **Analytical Information**

**Batch No.** : M001486-114-077

**Description** : Pale Yellow Liquid

**GC Purity** : 94.85 %

**Weight Loss By KF** : 2.82 %

**% Potency** : 92.18 %

**Solubility** : MDC

**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 - 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, <sup>1</sup>HNMR, IR and KF