

# **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

	<b>Department</b>	<b>Name</b>	<b>Signature</b>	<b>Date</b>
<b>Prepared By</b>	Analytical	Jignesh Patel		31/12/2025
<b>Reviewed &amp; Approved By</b>	Quality Control	Jatin Patel		31/12/2025

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