

# **CERTIFICATE OF ANALYSIS**

(Certificate No. KMM001357-01)

**Release Date:** 19/02/2025

**Re-test Date:** 18/02/2028

## **Propanoic acid**

### **Identification**

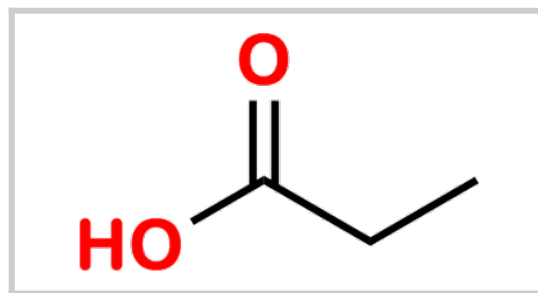
**Chemical Name :**  
Propionic acid

**CAT No.** : KMM001357

**CAS No.** : 79-09-4

**Molecular Formula** : C<sub>3</sub>H<sub>6</sub>O<sub>2</sub>

**Molecular Weight** : 74.1



### **Analytical Information**

**Batch No.** : M001357-091-217

**Description** : Colorless Liquid

**GC Purity** : 99.95 %

**Weight Loss By KF** : 5.21 %

**% Potency** : 94.74 %

**Solubility** : Acetonitrile

**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 - 5.21(Weight Loss By KF)] x [99.95(GC Purity)]/100 = 94.74 %

**Recommendation** : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Parag Patel		21/02/2025
Reviewed & Approved By	Quality Control	Jatin Patel		21/02/2025

**Attachments** : COA, GC, MASS, <sup>1</sup>HNMR, IR and KF