

# **CERTIFICATE OF ANALYSIS**

(Certificate No. KMI004047-01)

**Release Date:** 11/12/2024

**Re-test Date:** 10/12/2027

## **Methyl Methane Sulfonate**

### **Identification**

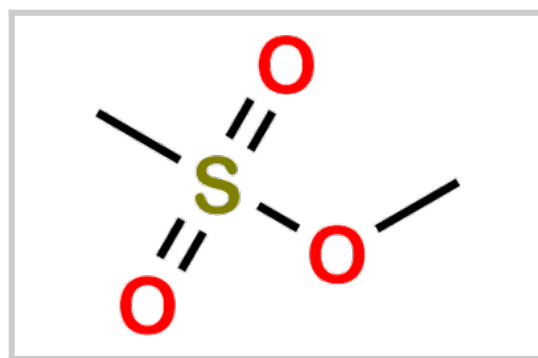
**Chemical Name :**  
Methyl methanesulfonate

**CAT No.** : KMI004047

**CAS No.** : 66-27-3

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

**Molecular Weight** : 110.1



### **Analytical Information**

**Batch No.** : I004047-091-075

**Description** : Colorless Liquid

**GC Purity** : 96.02 %

**Weight Loss By KF** : 0.30 %

**% Potency** : 95.73 %

**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 - 0.30(Weight Loss By KF)] x [96.02(GC Purity)]/100 = 95.73 %

**Recommendation** : Released

|                        | Department      | Name          | Signature | Date       |
|------------------------|-----------------|---------------|-----------|------------|
| Prepared By            | Analytical      | Jignesh Patel |           | 14/07/2025 |
| Reviewed & Approved By | Quality Control | Jatin Patel   |           | 14/07/2025 |

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