

# **CERTIFICATE OF ANALYSIS**

(Certificate No. KMM001460-01)

**Release Date:** 06/06/2025

**Re-test Date:** 05/06/2028

## **ACRYLONITRILE**

### **Identification**

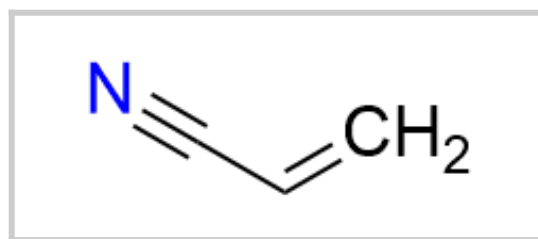
**Chemical Name :**  
acrylonitrile

**CAT No.** : KMM001460

**CAS No.** : 107-13-1

**Molecular Formula** : C<sub>3</sub>H<sub>3</sub>N

**Molecular Weight** : 53.06



### **Analytical Information**

**Batch No.** : M001460-102-058

**Description** : Colorless Liquid

**GC Purity** : 100.00 %

**Weight Loss By KF** : 0.50 %

**% Potency** : 99.5 %

**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 - 0.50(Weight Loss By KF)] x [100.00(GC Purity)]/100 = 99.5 %

**Recommendation** : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		07/06/2025
Reviewed & Approved By	Quality Control	Jatin Patel		07/06/2025

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