

# **CERTIFICATE OF ANALYSIS**

(Certificate No. KMM001422-02)

**Release Date:** 12/04/2022

**Re-test Date:** 11/04/2025

## **Acetonitrile**

### **Identification**

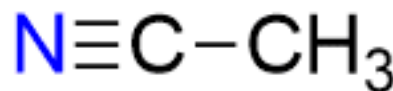
**Chemical Name :**  
Acetonitrile

**CAT No.** : KMM001422

**CAS No.** : 75-05-8

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

**Molecular Weight** : 41.05



### **Analytical Information**

**Batch No.** : DL1DA12407

**Description** : Colorless liquid

**GC Purity** : 100.00 %

**Weight Loss By KF** : 0.18 %

**% Potency** : 99.82 %

**Solubility** : Water

**Mass** : Confirm

**IR** : Confirm

**<sup>1</sup>H NMR** : Confirm

**<sup>13</sup>C 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 - 0.18(Weight Loss By KF)] x [100.00(GC Purity)]/100 = 99.82 %

**Recommendation** : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		12/04/2022
Reviewed & Approved By	Quality Control	Jatin Patel		12/04/2022

**Attachments** : COA, GC, MASS, <sup>1</sup>H NMR, <sup>13</sup>C NMR, IR and KF