# **CERTIFICATE OF ANALYSIS**

(Certificate No. KMM001422-01)

**Release Date:** 23/01/2025 **Re-test Date:** 22/01/2028

### **Acetonitrile**

#### **Identification**

**Chemical Name:** 

acetonitrile

**CAT No.** : KMM001422

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

Molecular Formula : C2H3N

Molecular Weight : 41.05

 $N \equiv C - CH_3$ 

## **Analytical Information**

GC Purity : 99.99 % IR : Confirm

Weight Loss By KF : 0.81 % 1H NMR : Confirm

**% Potency** : 99.18 %

#### **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 - 0.81(Weight Loss By KF)] x [99.99(GC Purity)]/100 = 99.18 %

**Recommendation** : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		13/02/2025
Reviewed & Approved By	Quality Control	Jatin Patel		13/02/2025

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