

# Certificate of Analysis

## Compound Information

**Product Name:** Acetonitrile  
**CAS No.:** 75-05-8  
**Cat. No.:** G5019413  
**Molecular Formula:** CH<sub>3</sub>CN  
**Molecular Weight:** 41.05

## Batch Information

**Batch No.:** 2775563  
**Test Date:** 2026-01-10  
**Report Date:** 2026-01-11  
**Retest Date:** 2029-01-09  
**Storage:** Store in a cool,dry area.  
**Origin** China

## Test Item

Test	Specification	Result	
Assay (GC), %	≥99.90	99.99	
Moisture (KF), %	≤0.025	0.003	
Titrateable Acid, meq/g	≤0.008	0.0008	
Titrateable Base, meq/g	≤0.0006	0.00006	
Color (APHA)	≤10	5	
Evaporation Residue, ppm	≤2.5	0.2	
HPLC Gradient Suitability, mAU			
210 nm	≤5	0.5	
254 nm	≤1	0.1	
Maximum Fluorescence Emission of Impurities, ppb			
450 nm	≤1	Conforms to specification	
Optical Absorbance, AU			
at 190 nm	≤1.00	0.55	
Reviewed by :	≤0.05	Reviewed by: 0.03	Approved by:
at 210 nm	≤0.04	0.01	
at 220 nm	≤0.02	0.009	
at 230 nm	≤0.01	0.005	

Test	Specification	Result
at 254 nm	?0.005	0.003
at 400 nm	?0.005	0.001

## Conclusion

The product has been tested and complies with the given specifications.

## Signature

Reviewed by :

*Hin Lam*

Reviewed by:

*Debia*

Approved by:

*David*