

# 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.:** 8845763  
**Test Date:** 2025-10-30  
**Report Date:** 2025-10-31  
**Retest Date:** 2028-10-29  
**Storage:** Store in a cool, dry area.  
**Origin:** China

## Test Item

Test	Specification	Result
Assay (GC), %	≥99.90	99.99
Appearance	Colorless, no suspended solids	Conforms to specification
Evaporation Residue, %	≤0.0005	0.00005
Water Content, %	≤0.02	0.002
Optical Absorbance, AU		
at 195 nm	≤0.12	0.07
at 200 nm	≤0.032	0.02
at 230 nm	≤0.0044	0.0039
at 235 nm	≤0.0044	0.0030
at 250 nm	≤0.0044	0.0011
at 400 nm	≤0.0044	0.00010
Maximum Fluorescence		
Emission of Impurities, ppb		
254 nm	≤1.0	0.1
265 nm	≤0.5	0.05
280 nm	≤0.3	0.3

## Signature

Reviewed by :

HPLC Gradient Suitability,  
 mAu  
 210nm

Reviewed by:

Debia

Approved by:

David

Test	Specification	Result
254 nm	?0.5	0.06
HPLC Baseline Drift, mAU		
210	?15	8.7

## Conclusion

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

## Signature

Reviewed by :

*Hin Lam*

Reviewed by:

*Debia*

Approved by:

*David*