

Certificate of Analysis

Compound Information

Product Name: Acetonitrile
CAS No.: 75-05-8
Cat. No.: G5019413
Molecular Formula: CH₃CN
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