

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.: 3647183
Test Date: 2026-03-03
Report Date: 2026-03-04
Retest Date: 2029-03-02
Storage: Store in a cool, dry area.
Origin: China

Test Item

Test	Specification	Result
Assay (GC), %	≥99.90	99.99
Color (APHA)	≤10	5
Evaporation Residue, ppm	≤1	0.3
Titrateable Acid, meq/g	≤0.008	0.0008
Titrateable Base, meq/g	≤0.0006	0.00006
Moisture (KF), ppm	≤200	20
Optical Absorbance, AU		
at 190 nm	≤1.00	0.42
at 200 nm	≤0.05	0.02
at 210 nm	≤0.04	0.01
at 220 nm	≤0.02	0.008
at 230 nm	≤0.01	0.005
at 250 nm	≤0.009	0.002
at 260 nm	≤0.005	0.002
at 400 nm	≤0.005	0.001
at 450 nm	≤0.005	0.001
Maximum Fluorescence Emission of Impurities, ppb		
at 450 nm	≤1	Conforms to specification

Signature

Reviewed by:

Reviewed by:

Approved by:

[Handwritten Signature]

[Handwritten Signature: Debia]

[Handwritten Signature: David]

Test	Specification	Result
HPLC Gradient Suitability, mAU		
at 254 nm	?1	0.1
at 210 nm	?5	0.5

Conclusion

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

Signature

Reviewed by :

Hin Lam

Reviewed by:

Debia

Approved by:

David