

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.: 4381373
Test Date: 2025-12-01
Report Date: 2025-12-02
Retest Date: 2028-11-30
Storage: Store in a cool,dry area.
Origin: China

Test Item

Test	Specification	Result
Assay (GC), %	≥99.90	99.99
Moisture (KF), ppm	≤200	20
Titrateable Acid, meq/g	≤0.008	0.0008
Titrateable Base, meq/g	≤0.0006	0.0006
Color (APHA)	≤10	5
Evaporation Residue, ppm	≤1	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	1
Optical Absorbance, AU		
at 190 nm	≤1.00	0.49
at 210 nm	≤0.05	0.02
at 220 nm	≤0.046	0.016
at 230 nm	≤0.027	0.008
at 250 nm	≤0.014	0.004

Reviewed by:

Reviewed by:

Approved by:

Handwritten signature

Handwritten signature: Debia

Handwritten signature: David

Test	Specification	Result
at 240 nm	?0.009	0.003
at 250 nm	?0.009	0.002
at 254 nm	?0.005	0.002
at 260 nm	?0.005	0.002
at 400 nm	?0.009	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