

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.: 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	
Titratable Acid, meq/g	≤0.008	0.0008	
Titratable 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