LAB ALLEY
ESSENTIAL CHEMICALS

Certificate of Analysis

Product: Acetonitrile 99.9%
Item Number: CANHPLC
Grade: HPLC
Lot Number: 5001441/2.1
Manufacture Date: 08/07/2025
Expiration Date: 07/07/2030
Country of Origin: India

Tested Property	Specification	Analysis
Appearance	Clear, colorless liquid	Complies
Assay by GC-FID	≥99.90%	99.97
Color	≤10 APHA	7
Residue After Evaporation	≤1 ppm	0.06
Titrable Acid	≤0.008 meq/g	0.0005
Titrable Base	≤0.0006 meq/g	0.00004
Water by KF	≤0.02%	0.01
LC Gradient elution suitability at 254nm	≤1 mAU	Complies
LC Gradient elution suitability at 210nm	≤5 mAU	Complies
Fluorescence at emission max. for imp.	≤1 ppb at 450 nm	Complies
Optical absorbance		
190 nm	≤1.00 AU	0.07
200 nm	≤0.05 AU	0.03
210 nm	≤0.04 AU	0.02
220 nm	≤0.02 AU	0.01
230 nm	≤0.01 AU	0.007
254 nm	≤0.005 AU	0.002
400 nm	≤0.005 AU	0.001

Store in a cool, dry, and well-ventilated environment away from direct sunlight.
CAS RN: 75-05-8

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Note: The information and recommendations of Lab Alley concerning this product are based upon laboratory tests and experience. To the best of our knowledge and belief these are true and accurate, however Lab Alley assumes no obligation or liability for the information in this document. Since conditions of actual use are beyond our control, any recommendations or suggestions regarding merchantability and fitness for particular purposes are made without warranty, expressed or implied.

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