

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 |
| Titration Acid | ≤0.008 meq/g | 0.0005 |
| Titration 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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