

Certificate of Analysis

Product: Acetonitrile 99.9%
Item Number: CANHPLC
Grade: HPLC
Lot Number: 5001519/1.1
Manufacture Date: 04/07/2025
Expiration Date: 04/06/2030
Country of Origin: United States

Tested Property	Specification	Analysis
Appearance	Clear, colorless liquid free of suspended matter	Pass
Assay by GC-FID, corrected for water	$\geq 99.9\%$	99.99
Color	≤ 10 APHA	5
Residue After Evaporation	≤ 1 ppm	<0.1
Titration Acid	≤ 0.008 meq/g	0.0002
Titration Base	≤ 0.0006 meq/g	0.0001
Water by KF Coulometry	$\leq 0.02\%$	0.001
LC Gradient elution suitability at 254nm	≤ 1 mAU	<0.1
LC Gradient elution suitability at 210nm	≤ 5 mAU	<0.5
Fluorescence at emission max. for imp.	≤ 1 ppb at 450 nm	<1
Optical absorbance		
@190 nm	≤ 1.00 AU	0.64
@200 nm	≤ 0.05 AU	0.01
@210 nm	≤ 0.04 AU	0.01
@220 nm	≤ 0.02 AU	0.005
@230 nm	≤ 0.01 AU	0.002
@254 nm	≤ 0.005 AU	<0.001
@400 nm	≤ 0.005 AU	<0.001

[Acetonitrile 99.9%](#)

Phone: 512-668-9918, Fax: 512-886-4008,
E-mail: customercare@laballey.com,
www.laballey.com.

12501 Pauls Valley Road, Suite A, Austin, Texas 78737.

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