

Certificate of Analysis

Product: Acetonitrile 99.9%
Item Number: CANHPLC
Grade: HPLC
Lot Number: 5001041/1.1
Manufacture Date: 07/29/2024
Expiration Date: 07/21/2029
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	$\geq 99.9\%$	99.96
Color	≤ 10 APHA	5
Residue After Evaporation	≤ 1 ppm	<0.1
Titration Acid	≤ 0.008 meq/g	0.001
Titration Base	≤ 0.0006 meq/g	0.00001
Water by KF Coulometry	$\leq 0.02\%$	0.004
LC Gradient elution suitability at 254nm	≤ 1 mAU	0.1
LC Gradient elution suitability at 210nm	≤ 5 mAU	0.2
Fluorescence at emission max. for imp.	≤ 1 ppb at 450 nm	<1
Optical absorbance		
@190 nm	≤ 1.00 AU	0.70
@200 nm	≤ 0.05 AU	0.05
@210 nm	≤ 0.04 AU	0.03
@220 nm	≤ 0.02 AU	0.02
@230 nm	≤ 0.01 AU	0.006
@254 nm	≤ 0.005 AU	0.003
@400 nm	≤ 0.005 AU	0.001

[Acetonitrile 99.9%](#)

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