

**Certificate of Analysis**

**Product: Acetonitrile 99.9%**  
**Item Number: CANHPLC**  
**Grade: HPLC**  
**Lot Number: 5001205/1.2**  
**Manufacture Date: 04/07/2025**  
**Expiration Date: 04/06/2030**  
**Country of Origin: United States**

<b>Tested Property</b>	<b>Specification</b>	<b>Analysis</b>
Appearance	Clear, colorless liquid free of suspended matter	Pass
Assay by GC-FID, corrected for water	>/= 99.9%	99.98
Color	</= 10 APHA	5
Residue After Evaporation	</= 1 ppm	<0.1
Titration Acid	</= 0.008 meq/g	0.0003
Titration Base	</= 0.0006 meq/g	0.00001
Water by KF Coulometry	</= 0.02%	0.001
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	0.75
@200 nm	</= 0.05 AU	0.05
@210 nm	</= 0.04 AU	0.02
@220 nm	</= 0.02 AU	0.01
@230 nm	</= 0.01 AU	0.01
@254 nm	</= 0.005 AU	0.003
@400 nm	</= 0.005 AU	0.001

[Acetonitrile 99.9%](#)

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