

Acetonitrile  
BAKER HPLC ANALYZED  
For use in Liquid Chromatography and  
Spectrophotometry



Material No.: 9012-03  
Batch No.: 21L0161001  
Manufactured Date: 2021-11-10  
Retest Date: 2026-11-09  
Revision No.: 0

## Certificate of Analysis

Test	Specification	Result
Appearance	Passes Test	Passes Test
Assay (GC)	≥ 99.9 %	100.0 %
Color (APHA)	≤ 10	< 5
Water (H <sub>2</sub> O)	≤ 0.02 %	0.01 %
Gradient Elution Test (a.u.) - 254 nm	≤ 0.005	0.003
Residue after Evaporation	≤ 3 ppm	< 2 ppm
Titration Acid (μeq/g)	≤ 8	8
Titration Base (μeq/g)	≤ 0.6	0.6
Ultraviolet Absorbance (1.00 cm) - 200 nm	≤ 0.1	< 0.1
Ultraviolet Absorbance (1.00 cm) - 210 nm	≤ 0.05	0.02
Ultraviolet Absorbance (1.00 cm) - 220 nm	≤ 0.03	0.01
Ultraviolet Absorbance (1.00 cm) - 254 nm	≤ 0.01	< 0.01
Ultraviolet Absorbance (1.00 cm) - 280 nm	≤ 0.01	< 0.01
Ultraviolet Absorbance (1.00 cm) - 350 nm	≤ 0.01	< 0.01
Ultraviolet Absorbance (1.00 cm) - 400 nm	≤ 0.01	< 0.01
Ultraviolet Absorbance (1.00 cm) - UV Cut-off, nm	≤ 190	< 190

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700  
Avantor Performance Materials, LLC  
100 Matsonford Rd, Suite 200, Radnor, PA 19087. U.S.A. Phone 610.386.1700

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Filtered through a 0.2 micron filter.  
Country of Origin: USA  
Packaging Site: Paris Mfg Ctr & DC

A handwritten signature in blue ink that reads 'Jamie Ethier'.  
Jamie Ethier  
Vice President Global Quality

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