

Acetonitrile
BAKER HPLC ANALYZED
For use in Liquid Chromatography and
Spectrophotometry



Material No.: 9012-03
Batch No.: 24A1161054
Manufactured Date: 2024-01-02
Retest Date: 2028-12-31
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 ₂ O)	≤ 0.02 %	< 0.01 %
Gradient Elution Test (a.u.) – 254 nm	≤ 0.005	0.003
Residue after Evaporation	≤ 3 ppm	< 1 ppm
Titration Acid (μeq/g)	≤ 8	< 1
Titration Base (μeq/g)	≤ 0.6	0.1
Ultraviolet Absorbance (1.00 cm) – 200 nm	≤ 0.1	< 0.1
Ultraviolet Absorbance (1.00 cm) – 210 nm	≤ 0.05	0.01
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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For Laboratory, Research, or Manufacturing Use
Filtered through a 0.2 micron filter.

Country of Origin: USA
Packaging Site: Paris Mfg Ctr & DC

Michelle Bales
Sr. Manager, Quality Assurance

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