

Acetonitrile
BAKER HPLC ANALYZED
For use in Liquid Chromatography and
Spectrophotometry



Material No.: 9012-03
Batch No.: 22A1361018
Manufactured Date: 2022-01-04
Retest Date: 2027-01-03
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	< 0.005
Residue after Evaporation	≤ 3 ppm	< 2 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	188

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: South Korea
Packaging Site: Paris Mfg Ctr & DC


Jamie Ethier
Vice President Global Quality

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