

Acetonitrile
BAKER ANALYZED® HPLC Ultra Gradient Solvent
For use in Liquid Chromatography (HPLC & UHPLC) &
Spectrophotometry



Material No.: 9017-02
Revision No.: 0

Product Specification

Test	Specification
Ultraviolet Absorbance (1.00-cm cell v	≤ 0.005
Ultraviolet Absorbance (1.00-cm cell vs.	≤ 0.01
Ultraviolet Absorbance (1.00-cm cell v	≤ 0.05
Ultraviolet Absorbance (1.00-cm cell v	≤ 190
Gradient Elution Test (a.u.) – 254 nm	≤ 0.0005
Gradient Elution Test (a.u.) – 210 nm	≤ 0.002
Density (g/mL) at 25°C	0.775 – 0.780
Fluorescence Trace Impurities, measured	≤ 0.3 ppb
Fluorescence Trace Impurities, measured	≤ 1.0 ppb
Assay (CH ₃ CN) (by GC)	≥ 99.9 %
Appearance	Passes test
Color (APHA)	≤ 10
Fluorescence Trace Impurities, measured	≤ 0.5 ppb
Residue after Evaporation	≤ 1.0 ppm
Titration Acid (µeq/g)	≤ 0.8
Titration Base (µeq/g)	≤ 0.6
Water (by KF, coulometric)	≤ 100 ppm
Carbonyl Compounds (as Acetone)	≤ 25.0 ppb

For questions on this Product Specification 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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Test

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For Laboratory, Research, or Manufacturing Use
Filtered through a 0.2 micron filter.



Jamie Ethier
Vice President Global Quality

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