

Acetonitrile
BAKER HPLC ANALYZED
For use in Liquid Chromatography and Spectrophotometry



Material No.: 9012-03
Batch No.: 25C1261005
Manufactured Date: 2025-02-25
Retest Date: 2030-02-24
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Appearance	Passes Test	Passes Test
Assay (GC)	$\geq 99.9 \%$	100.0 %
Color (APHA)	≤ 10	< 5
Water (H ₂ O)	$\leq 0.02 \%$	0.01 %
Gradient Elution Test (a.u.) – 254 nm	≤ 0.005	0.004
Residue after Evaporation	≤ 3 ppm	< 2 ppm
Titration Acid ($\mu\text{eq/g}$)	≤ 8	< 8
Titration Base ($\mu\text{eq/g}$)	≤ 0.6	< 0.6
Ultraviolet Absorbance (1.00 cm) – 200 nm	≤ 0.1	< 0.1
Ultraviolet Absorbance (1.00 cm) – 210 nm	≤ 0.05	0.01
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 Laboratory, Research, or Manufacturing Use
Filtered through a .2 micron filter.

Country of Origin: United States
Packaging Site: Paris Mfg Ctr & DC


Michelle Bales
Sr. Manager, Quality Assurance

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