

Acetonitrile
HPLC
For use in Liquid Chromatography and Spectrophotometry



Material No.: 9012-03
Batch No.: 0000269555
Manufactured Date: 2020/09/24
Retest Date: 2025/09/23
Revision No: 1

Certificate of Analysis

Test	Specification	Result
Appearance	Passes Test	PT
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	< 0.003
Residue after Evaporation	≤ 3 ppm	< 2
Titration Acid ($\mu\text{eq/g}$)	≤ 8.0	8.0
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 0.2 micron filter.

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


Jamie Ethier
Vice President Global Quality

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