

Acetonitrile  
BAKER HPLC ANALYZED  
For use in Liquid Chromatography and  
Spectrophotometry



Material No.: 9012-03  
Batch No.: P23F100540  
Manufactured Date: 2023-06-06  
Retest Date: 2028-06-05  
Revision No.: 0

## Certificate of Analysis

Test	Specification	Result
Appearance	Passes test	Passes test
Assay (GC)	$\geq 99.9\%$	100.0 %
Color (APHA)	$\leq 10$	10
Water (H <sub>2</sub> O)	$\leq 0.02\%$	0.01 %
Gradient Elution Test (a.u.) – 254 nm	$\leq 0.005$	0.001
Residue after Evaporation	$\leq 3$ ppm	1 ppm
Titration Acid ( $\mu\text{eq/g}$ )	$\leq 8$	5
Titration Base ( $\mu\text{eq/g}$ )	$\leq 0.6$	0.3
Ultraviolet Absorbance (1.00 cm) – 200 nm	$\leq 0.1$	< 0.1
Ultraviolet Absorbance (1.00 cm) – 210 nm	$\leq 0.05$	0.01
Ultraviolet Absorbance (1.00 cm) – 220 nm	$\leq 0.03$	0.01
Ultraviolet Absorbance (1.00 cm) – 254 nm	$\leq 0.01$	$\leq 0.01$
Ultraviolet Absorbance (1.00 cm) – 280 nm	$\leq 0.01$	$\leq 0.01$
Ultraviolet Absorbance (1.00 cm) – 350 nm	$\leq 0.01$	< 0.01
Ultraviolet Absorbance (1.00 cm) – 400 nm	$\leq 0.01$	< 0.01
Ultraviolet Absorbance (1.00 cm) – UV Cu	$\leq 190$	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: India

Girish Prajapati  
Site Quality Manager

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