

Acetonitrile  
BAKER HPLC ANALYZED  
For use in Liquid Chromatography and  
Spectrophotometry



Material No.: 9012-03  
Batch No.: P23D100379  
Manufactured Date: 2023-04-20  
Retest Date: 2028-04-19  
Revision No.: 0

## Certificate of Analysis

| Test                                      | Specification | Result      |
|---|---------------|-------------|
| Appearance                                | Passes test   | Passes test |
| Assay (GC)                                | ≥ 99.9 %      | 100.0 %     |
| Color (APHA)                              | ≤ 10          | 10          |
| Water (H <sub>2</sub> O)                  | ≤ 0.02 %      | 0.01 %      |
| Gradient Elution Test (a.u.) – 254 nm     | ≤ 0.005       | < 0.001     |
| Residue after Evaporation                 | ≤ 3 ppm       | 1 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        | 0.02        |
| 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 Cu  | ≤ 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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