

Acetonitrile
BAKER HPLC ANALYZED
For use in Liquid Chromatography and
Spectrophotometry



Material No.: 9012-03
Batch No.: P23G100720
Manufactured Date: 2023-07-23
Retest Date: 2028-07-22
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 ₂ 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 | 5 |
| 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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