

Methanol
BAKER ANALYZED® LC-MS Reagent
For Use in Liquid Chromatography and Mass
Spectrometry



Material No.: 9830-02
Batch No.: 23J0362005
Manufactured Date: 2023-07-27
Expiration Date: 2025-07-26
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay (CH ₃ OH) (by GC, corrected for water)	≥ 99.9 %	100.0 %
Appearance	Passes Test	Passes Test
Gradient Elution Test (a.u.) – 254 nm	≤ 0.01	< 0.01
Fluorescence Trace Impurities, measured as Quinine Base – at 450 nm Emission	≤ 0.3 ppb	< 0.1 ppb
Fluorescence Trace Impurities, measured as Quinine Base – at Emission Maximum for Impurities	≤ 1.0 ppb	0.6 ppb
Color (APHA)	≤ 10	5
Residue after Evaporation	≤ 1.0 ppm	0.1 ppm
Water (H ₂ O)	≤ 500 ppm	< 50 ppm
LC/MS Suitability – Largest Response on ESI- Positive Mode (as Reserpine)	≤ 50 ppb	< 50 ppb
Trace Impurities – Aluminum (Al)	≤ 50.0 ppb	< 5.0 ppb
Trace Impurities – * Calcium (Ca)	≤ 50.0 ppb	4.0 ppb
Trace Impurities – Iron (Fe)	≤ 50.0 ppb	< 1.0 ppb
Trace Impurities – Lithium (Li)	≤ 30.0 ppb	< 5.0 ppb
Trace Impurities – Magnesium (Mg)	≤ 50.0 ppb	< 1.0 ppb
Trace Impurities – Nickel (Ni)	≤ 30.0 ppb	< 5.0 ppb
Trace Impurities – Potassium (K)	≤ 50 ppb	< 10 ppb
Trace Impurities – * Sodium (Na)	≤ 50.0 ppb	< 5.0 ppb

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
* May change over time due to extraction from glass container.
Filtered through a 0.2 micron filter.

Country of Origin: USA
Packaging Site: Phillipsburg Mfg Ctr & DC

Ken Koehnlein
Sr. Manager, Quality Assurance

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