

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



Material No.: 9830-02
Batch No.: 22B0362003
Manufactured Date: 2022-01-14
Expiration Date: 2024-01-14
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	0.3 ppb
Color (APHA)	≤ 10	5
Residue after Evaporation	≤ 1.0 ppm	0.3 ppm
Water (H ₂ O)	≤ 500 ppm	< 500 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	3.0 ppb
Trace Impurities - Iron (Fe)	≤ 50.0 ppb	3.0 ppb
Trace Impurities - Lithium (Li)	≤ 30.0 ppb	< 1.0 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

Jamie Ethier
Vice President Global Quality

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