

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



Material No.: 9830-02  
Batch No.: 25D1662006  
Manufactured Date: 2025-02-26  
Expiration Date: 2027-02-26  
Revision No.: 0

## Certificate of Analysis

Test	Specification	Result
Assay (CH <sub>3</sub> OH) (by GC, corrected for water)	>= 99.9 %	100.0 %
Appearance	Passes Test	Passes Test
Gradient Elution Test (a.u.) – 254 nm	<= 0.01	<0.00
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	0.4 ppb
Color (APHA)	<= 10	5
Residue after Evaporation	<= 1.0 ppm	0.3 ppm
Water (H <sub>2</sub> 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	4.0 ppb
Trace Impurities – Iron (Fe)	<= 50.0 ppb	1.0 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 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: United States

Packaging Site: Phillipsburg Mfg Ctr & DC

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Director Quality Operations, Bioscience Production

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700

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