

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



Material No.: 9830-02
Batch No.: 0000278481
Manufactured Date: 2021/02/18
Expiration Date: 2023/02/18
Revision No: 1

Certificate of Analysis

Test	Specification	Result
Assay (CH ₃ OH) (by GC, corrected for water)	>= 99.9 %	100.0
Appearance	Passes Test	PT
Gradient Elution Test (a.u.) - 254 nm	<= 0.01	< 0.01
Fluorescence Trace Impurities, measured as Quinine Base - at 450 nm Emission	<= 0.30 ppb	< 0.10
Fluorescence Trace Impurities, measured as Quinine Base - at Emission Maximum for Impurities	<= 1.0 ppb	0.3
Color (APHA)	<= 10	5
Residue after Evaporation	<= 1.0 ppm	0.4
Water (H ₂ O)	<= 500 ppm	< 500
LC/MS Suitability - Largest Response on ESI- Positive Mode (as Reserpine)	<= 50 ppb	< 50
Trace Impurities - Aluminum (Al)	<= 50 ppb	< 5
Trace Impurities - * Calcium (Ca)	<= 50 ppb	5
Trace Impurities - Iron (Fe)	<= 50 ppb	1
Trace Impurities - Lithium (Li)	<= 30 ppb	< 1
Trace Impurities - Magnesium (Mg)	<= 50 ppb	< 1
Trace Impurities - Nickel (Ni)	<= 30 ppb	< 5
Trace Impurities - Potassium (K)	<= 50 ppb	< 10
Trace Impurities - * Sodium (Na)	<= 50 ppb	< 5

For Laboratory, Research or Manufacturing Use

* May change over time due to extraction from glass container.

Filtered through a 0.2 micron filter.

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



Jamie Ethier
Vice President Global Quality

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