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

Material No.: 9830-02
Batch No.: 24J1562007
Manufactured Date: 2024-09-27
Expiration Date:2026-09-27
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay (CH_3OH) (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, measuredas Quinine Base - at 450 nm Emission	<= 0.3 ppb	0.1 ppb
Fluorescence Trace Impurities, measuredas 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_2O)	<= 500 ppm	26 ppm
LC/MS Suitability - Largest Response onESI- Positive Mode (as Reserpine)	<= 50 ppb	<25 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	4.0 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

Jamie Croak
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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