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

Material No.: 9830-02
Batch No.: 25B1462003
Manufactured Date: 2025-01-12
Expiration Date:2027-01-12
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 | 0.1 ppm |
| Water ($H_2O$) | <= 500 ppm | <500 ppm |
| LC/MS Suitability - Largest Response onESI- 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 | 2.0 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

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
Avantor Performance Materials,LLC
100 Matsonford Rd, Suite 200,Radnor,PA,19087.U.S.A.Phone 610.386.1700