

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



Material No.: 9830-02
Batch No.: 0000094104
Manufactured Date: 2014/10/08
Expiration Date: 2016/10/07

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 | 0.2 |
| Color (APHA) | <= 10 | 5 |
| Residue after Evaporation | <= 1.0 ppm | 0.8 |
| Water (H ₂ O) | <= 500 ppm | < 50 |
| 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 | 2 |
| Trace Impurities – Iron (Fe) | <= 50 ppb | < 1 |
| Trace Impurities – Lithium (Li) | <= 30 ppb | < 5 |
| 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

ISO

Phillipsburg, NJ 9001:2008, 14001:2004
Paris, KY 9001:2008
Mexico City, Mexico 9001:2008
Deventer, The Netherlands 9001:2008, 14001:2004, 13485:2003
Gliwice, Poland 9001:2008, 17025:2005
Selangor, Malaysia 9001:2008
Dehradun, India, 9001:2008, 14001:2004, 13485:2003
Mumbai, India, 9001:2008, 17025:2005
Panoli, India 9001:2008



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