

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



Material No.: 9830-02  
Batch No.: 0000013313  
Manufactured Date: 2012/08/08  
Expiration Date: 2014/08/08

## Certificate of Analysis

Test	Specification	Result
Assay (CH <sub>3</sub> OH)	>= 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	0.03
Fluorescence Trace Impurities, measured as Quinine Base – at Emission Maximum for Impurities	<= 1.0 ppb	0.1
Color (APHA)	<= 10	5
Residue after Evaporation	<= 1.0 ppm	0.3
Water (H <sub>2</sub> O)	<= 500 ppm	< 500
LC/MS Suitability – Largest Response on ESI- Positive Mode (as Reserpine)	<= 50 ppb	< 50
Trace Impurities – Aluminum (Al)	<= 50.0 ppb	< 5.0
Trace Impurities – * Calcium (Ca)	<= 50.0 ppb	2.0
Trace Impurities – Iron (Fe)	<= 50.0 ppb	< 1.0
Trace Impurities – Lithium (Li)	<= 30.0 ppb	< 1.0
Trace Impurities – Magnesium (Mg)	<= 50.0 ppb	< 1.0
Trace Impurities – Nickel (Ni)	<= 30.0 ppb	< 5.0
Trace Impurities – Potassium (K)	<= 50.0 ppb	< 10.0
Trace Impurities – * Sodium (Na)	<= 50.0 ppb	< 5.0

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



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

A handwritten signature in white ink on a blue background, reading "Richard M Siberski".

Richard M Siberski  
Global Director of Quality Assurance

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.573.2600  
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