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

Material No.: 9830-02
Batch No.: 0000133431
Manufactured Date: 2016/01/11
Expiration Date: 2018/01/10

Certificate of Analysis

Test	Specification	Result
Assay (CH_3OH) (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	0.2
Water (H_2O)	<= 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.

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.573.2600
Avantor ™ Performance Materials Inc.
3477 Corporate Parkway. Suite #200. Center Valley, PA 18034. U.S.A. Phone: 610.573.2600 . Fax: 610.573.2610

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

ISO

Phillipsburg, NJ 9001:2008, 14001:2004, FSSC 22000
Paris, KY 9001:2008
Mexico City, Mexico 9001:2008
Deventer, The Netherlands 9001:2008, 14001:2004, 13485:2003
Gliwice, Poland 9001:2008
Selangor, Malaysia 9001:2008
Dehradun, India, 9001:2008, 14001:2004, 13485:2003
Mumbai, India, 9001:2008, 17025:2005
Panoli, India 9001:2008

Jamie Ethier
Vice President Global Quality

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