



Acetonitrile

'BAKER ANALYZED'[®] HPLC Ultra Gradient
Solvent

For use in Liquid Chromatography (HPLC &
UHPLC) & Spectrophotometry

Product No. 9017

Lot No. L14801

Release Date 04/16/2012

Certificate of Analysis

TEST	SPECIFICATION	RESULT
Ultraviolet Absorbance		
(1.00-cm cell vs. water):		
400-254 nm	0.005 max.	< 0.002
220 nm	0.01 max.	0.01
200 nm	0.05 max.	0.01
UV Cut-off, nm	190 max.	188
Gradient Elution Test (a.u.):		
254 nm	0.0005 max.	< 0.0001
210 nm	0.002 max.	< 0.001
Density (g/mL) at 25°C	0.775 - 0.780	0.777
Fluorescence Trace Impurities, in ppb, measured as Quinine Base:		
at 450 nm Emission	0.3 max.	0.1
at Emission Maximum for Impurities	1.0 max.	0.5
Assay (CH ₃ CN) (by GC, corrected for water)	99.9 % min.	100.0 %
Appearance	Passes Test	Passes Test
Color (APHA)	10 max.	5
Fluorescence detection (PAH)	0.5 ppb max.	0.03 ppb
Residue after Evaporation	1 ppm max.	< 0.1 ppm
Titration Acid (ueq/g)	0.8 max.	0.2
Titration Base (ueq/g)	0.6 max.	< 0.02
Water (by KF, coulometric)	100 ppm max.	40 ppm
Carbonyl Compounds (as Acetone)	25 ppb max.	< 20 ppb
Filtered through a 0.2 micron filter.		
For Laboratory, Research or Manufacturing Use		
Country of Origin:	USA	



Phillipsburg, NJ 9001.2008, 14001.2004
Paris, KY 9001.2008
Mexico City, Mexico 9001.2008
Deventer, The Netherlands 9001.2008, 14001.2004, 13485.2003
Selangor, Malaysia 9001.2008
Panaji, India 9001.2008
Gliwice, Poland 9001.2008, 17025.2005

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For questions on this Certificate of Analysis please contact Technical Services at 855-282-6867 or 610-573-2600
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