

Ether, Anhydrous

HPLC

For use in Liquid Chromatography (HPLC & UHPLC) &

Spectrophotometry

(contains Alcohol as a preservative)



Material No.: 9237-03  
Batch No.: 0000094809  
Manufactured Date: 2014/10/20  
Expiration Date: 2015/10/20

## Certificate of Analysis

Test	Specification	Result
Ultraviolet Absorbance (1.00-cm cell vs. water) – 400–350 nm	<= 0.01	< 0.01
Ultraviolet Absorbance (1.00-cm cell vs. water) – 280 nm	<= 0.02	< 0.01
Ultraviolet Absorbance (1.00-cm cell vs. water) – 254 nm	<= 0.07	0.06
Ultraviolet Absorbance (1.00-cm cell vs. water) – 231 nm	<= 0.4	0.2
Ultraviolet Absorbance (1.00-cm cell vs. water) – UV Cut-off, nm	<= 220	212
Fluorescence Trace Impurities, measured as Quinine Base – at 450 nm Emission	<= 0.5 ppb	< 0.1
Fluorescence Trace Impurities, measured as Quinine Base – at Emission Maximum for Impurities	<= 1.0 ppb	0.1
Assay (by GC, corrected for water, exclusive of preservative)	>= 99.5 %	99.9
Peroxide (as H <sub>2</sub> O <sub>2</sub> )	<= 5 ppm	< 5
Preservative (C <sub>2</sub> H <sub>5</sub> OH)	1.5 – 3.5 %	2.0
Residue after Evaporation	<= 5 ppm	< 1
Titration Acid (µeq/g)	<= 0.2	< 0.1
Water (H <sub>2</sub> O)(by coulometry)	<= 0.01 %	< 0.01

For Laboratory, Research or Manufacturing Use

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Country of Origin: US  
Packaging Site: Paris 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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