

Tetrahydrofuran

HPLC

For use in Liquid Chromatography (HPLC & UHPLC) &

Spectrophotometry

Contains No Preservative



Material No.: 9441-02

Batch No.: 0000012851

Manufactured Date: 2012/08/13

Expiration Date: 2013/08/13

Certificate of Analysis

Test	Specification	Result
Ultraviolet Absorbance (1.00-cm cell vs. water) - 400-320 nm	≤ 0.01	< 0.01
Ultraviolet Absorbance (1.00-cm cell vs. water) - 280 nm	≤ 0.030	0.020
Ultraviolet Absorbance (1.00-cm cell vs. water) - 254 nm	≤ 0.15	0.11
Ultraviolet Absorbance (1.00-cm cell vs. water) - 230 nm	≤ 0.45	0.27
Ultraviolet Absorbance (1.00-cm cell vs. water) - UV Cut-off, nm	≤ 212	210
Assay (by GC, corrected for water)	$\geq 99.8 \%$	100.0
Peroxide (as H_2O_2)	$\leq 0.005 \%$	0.002
Residue after Evaporation	$\leq 2.0 \text{ ppm}$	< 0.1
Water (by KF, coulometric)	$\leq 0.02 \%$	< 0.01

For Laboratory, Research, or Manufacturing Use

Country of Origin: US

ISO

Phillipsburg, NJ 9001.2008, 14001.2004
Paris, KY 9001.2008
Mexico city, Mexico 9001.2008
Deventer, The Netherlands 9001.2008, 14001.2004
Selangor, Malaysia 9001.2008
Panoli, India 9001.2008
Gliwice, Poland 9001.2008, 17025.2005

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
Avantor TM Performance Materials Inc.

3477 Corporate Parkway, Suite #200, Center Valley, PA 18034, U.S.A. Phone: 610.573.2600 . Fax: 610.573.2610