

Toluene

HPLC

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



Material No.: 9351-33

Batch No.: 000030469

Manufactured Date: 2013/01/15

Retest Date: 2013/12/26

Certificate of Analysis

Test	Specification	Result
Assay (by GC, corrected for water)	$\geq 99.7\%$	99.9
Ultraviolet Absorbance (1.00-cm cell vs. water) – 350 nm	≤ 0.01	< 0.01
Ultraviolet Absorbance (1.00-cm cell vs. water) – 300 nm	≤ 0.10	0.03
Ultraviolet Absorbance (1.00-cm cell vs. water) – 288 nm	≤ 0.40	0.16
Ultraviolet Absorbance (1.00-cm cell vs. water) – UV Cut-off, nm	≤ 285	1
Residue after Evaporation	≤ 3.0 ppm	< 0.1
Substances Darkened by H ₂ SO ₄	Passes Test	PT
Water (by KF, coulometric)	$\leq 0.02\%$	< 0.01

For Laboratory, Research or Manufacturing Use

Country of Origin: US



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

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™ Performance Materials Inc.

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