

Toluene

HPLC

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



Material No.: 9351-33

Batch No.: 0000072557

Manufactured Date: 2014/04/07

Expiration Date: 2015/04/06

## Certificate of Analysis

Test	Specification	Result
Assay (by GC, corrected for water)	$\geq 99.7 \%$	100.0
Ultraviolet Absorbance (1.00-cm cell vs. water) – 350 nm	$\leq 0.01$	$< 0.01$
Ultraviolet Absorbance (1.00-cm cell vs. water) – 300 nm	$\leq 0.10$	0.02
Ultraviolet Absorbance (1.00-cm cell vs. water) – 288 nm	$\leq 0.40$	0.12
Ultraviolet Absorbance (1.00-cm cell vs. water) – UV Cut-off, nm	$\leq 285$	184
Residue after Evaporation	$\leq 3.0$ ppm	$< 0.1$
Substances Darkened by $\text{H}_2\text{SO}_4$	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  
Vice President Global Quality

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