

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



Material No.: 9351-33  
Batch No.: 0000163564  
Manufactured Date: 2017/02/01  
Expiration Date: 2018/01/31

## 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	$\leq 0.40$	0.16
Ultraviolet Absorbance (1.00-cm cell vs. water) – UV Cut-off, nm	$\leq 285$	284
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, FSSC 22000  
Paris, KY 9001:2008  
Mexico City, Mexico 9001:2008  
Deventer, The Netherlands 9001:2008, 14001:2004, 13485:2003  
Gliwice, Poland 9001:2008, 13485:2012  
Selangor, Malaysia 9001:2008  
Dehradun, India, 9001:2008, 14001:2004, 13485:2003  
Mumbai, India, 9001:2008  
Panoli, India 9001:2008

  
Jamie Ethier  
Vice President Global Quality

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