

Toluene

HPLC

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



Material No.: 9351-33

Batch No.: 0000037967

Manufactured Date: 2013/03/04

Retest Date: 2018/03/03

## 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         | $\leq 0.01$    | $< 0.01$ |
| Ultraviolet Absorbance (1.00-cm cell vs. water) - 300 nm         | $\leq 0.10$    | 0.03     |
| Ultraviolet Absorbance (1.00-cm cell vs. water) - 288 nm         | $\leq 0.40$    | 0.14     |
| Ultraviolet Absorbance (1.00-cm cell vs. water) - UV Cut-off, nm | $\leq 285$     | 284      |
| Residue after Evaporation  | $\leq 3.0$ ppm | 1.0      |
| Substances Darkened by H <sub>2</sub> SO <sub>4</sub>            | 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

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