

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



Material No.: 9351-02  
Batch No.: 0000187899  
Manufactured Date: 2017/12/01  
Expiration Date: 2018/11/30

## 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         | $\leq 0.10$    | 0.05     |
| Ultraviolet Absorbance (1.00-cm cell vs. water) – 288 nm         | $\leq 0.40$    | 0.21     |
| Ultraviolet Absorbance (1.00-cm cell vs. water) – UV Cut-off, nm | $\leq 285$     | 284      |
| Residue after Evaporation                                        | $\leq 3.0$ ppm | 0.5      |
| Substances Darkened by $\text{H}_2\text{SO}_4$                   | Passes Test    | PT       |
| Water (by KF, coulometric)                                       | $\leq 0.02 \%$ | $< 0.02$ |

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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