

Tetrahydrofuran

HPLC

For use in Liquid Chromatography (HPLC & UHPLC) &

Spectrophotometry

Contains No Preservative



Material No.: 9441-02

Batch No.: 0000180611

Manufactured Date: 2017/09/11

Expiration Date: 2018/09/10

## Certificate of Analysis

| Test   | Specification   | Result   |
|--|-----------------|----------|
| Ultraviolet Absorbance (1.00-cm cell vs. water) – 400–320 nm     | $\leq 0.01$     | $< 0.01$ |
| Ultraviolet Absorbance (1.00-cm cell vs. water) – 280 nm         | $\leq 0.030$    | 0.015    |
| Ultraviolet Absorbance (1.00-cm cell vs. water) – 254 nm         | $\leq 0.15$     | 0.09     |
| Ultraviolet Absorbance (1.00-cm cell vs. water) – 230 nm         | $\leq 0.45$     | 0.29     |
| Ultraviolet Absorbance (1.00-cm cell vs. water) – UV Cut-off, nm | $\leq 212$      | 210      |
| Assay (by GC, corrected for water)                               | $\geq 99.8 \%$  | 100.0    |
| Peroxide (as H <sub>2</sub> O <sub>2</sub> ) (atTime of Fill)    | $\leq 0.005 \%$ | 0.002    |
| Residue after Evaporation  | $\leq 2.0$ ppm  | $< 0.1$  |
| 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

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.573.2600  
Avantor Performance Materials, LLC.

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