

Tetrahydrofuran

HPLC

For use in Liquid Chromatography (HPLC & UHPLC) &

Spectrophotometry

Contains No Preservative



Material No.: 9441-03

Batch No.: 0000061222

Manufactured Date: 2013/12/13

Expiration Date: 2014/12/12

## 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         | $\leq 0.030$    | 0.014    |
| Ultraviolet Absorbance (1.00-cm cell vs. water) – 254 nm         | $\leq 0.15$     | 0.11     |
| Ultraviolet Absorbance (1.00-cm cell vs. water) – 230 nm         | $\leq 0.45$     | 0.26     |
| Ultraviolet Absorbance (1.00-cm cell vs. water) – UV Cut-off, nm | $\leq 212$      | 212      |
| 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  | $< 1$    |
| 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  
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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