

Formamide  
Ultrapure Bioreagent  
For denaturing nucleic acids prior to analysis



Material No.: 4028-00  
Batch No.: 0000180625  
Manufactured Date: 2017/08/01  
Expiration Date: 2018/08/01

## Certificate of Analysis

| Test  | Specification  | Result |
|---|----------------|--------|
| Assay (HCONH <sub>2</sub> ) (by GC)   | $\geq 99.5 \%$ | 99.9   |
| Absorbance of a 1M Solution – 280 nm  | $\leq 0.100$   | 0.003  |
| Absorbance of a 1M Solution – Color (APHA)  | $\leq 10$      | <5     |
| Absorbance of a 1M Solution – Conductivity, mS/cm<br>(1:10), For Information Only |                | 13     |
| Freezing Point  | 2.0 – 3.0 °C   | 3.0    |
| Trace Impurities – Copper (Cu)  | $\leq 0.1$ ppm | <0.05  |
| Trace Impurities – Iron (Fe)  | $\leq 0.5$ ppm | < 0.1  |
| Trace Impurities – Lead (Pb)  | $\leq 0.5$ ppm | < 0.1  |
| Trace Impurities – Zinc (Zn)  | $\leq 0.5$ ppm | < 0.1  |

For Laboratory, Research or Manufacturing Use  
Packaged under Nitrogen  
Deionization of material is not required.

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  
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