



# Pyridine, Low Water

**'BAKER ANALYZED'® HPLC Solvent**  
**For use in Liquid Chromatography (HPLC & UHPLC) & Spectrophotometry**

**Product No. 9393**  
**Lot No. L03N63**  
**Release Date 02/09/2012**

## Certificate of Analysis

| TEST                                          | SPECIFICATION | RESULT      |
|-----------------------------------------------|---------------|-------------|
| Assay (by GC, corrected for water)            | 99.0 % min.   | 100.0 %     |
| Ammonia (as NH <sub>3</sub> )                 | 0.002 % max.  | 0.002 %     |
| Color (APHA)                                  | 10 max.       | 5           |
| Reducing Substances                           | Passes Test   | Passes Test |
| Residue after Evaporation                     | 5 ppm max.    | 2 ppm       |
| Solubility in H <sub>2</sub> O                | Passes Test   | Passes Test |
| Sulfate (SO <sub>4</sub> )                    | 0.001 % max.  | < 0.0005 %  |
| Ultraviolet Absorbance                        |               |             |
| <b>(1.00-cm cell vs. water):</b>              |               |             |
| 400 nm                                        | 0.005 max.    | 0.002       |
| 375 nm                                        | 0.01 max.     | 0.003       |
| 350 nm                                        | 0.01 max.     | 0.005       |
| 340 nm                                        | 0.10 max.     | 0.01        |
| 330 nm                                        | 1.00 max.     | 0.11        |
| Water (by KF, volumetric)                     | 0.01 % max.   | < 0.005 %   |
| <b>Trace Impurities (in ppm):</b>             |               |             |
| Chloride (Cl)                                 | 5 max.        | < 5         |
| Copper (Cu)                                   | 5 max.        | < 5         |
| For Laboratory, Research or Manufacturing Use |               |             |
| Country of Origin: USA                        |               |             |



Phillipsburg, NJ 9001.2008, 14001.2004  
 Paris, KY 9001.2008  
 Mexico City, Mexico 9001.2008  
 Deventer, The Netherlands 9001.2008, 14001.2004, 13485.2003  
 Selangor, Malaysia 9001.2008  
 Panaji, India 9001.2008  
 Gliwice, Poland 9001.2008, 17025.2005

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For questions on this Certificate of Analysis please contact Technical Services at 855-282-6867 or 610-573-2600

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