



# TRIS (Base)

BAKER ANALYZED<sup>®</sup> A.C.S. Reagent  
(tris(hydroxymethyl)aminomethane)

Product No. X171  
Lot No. L08610  
Release Date 02/28/2012

## Certificate of Analysis

| TEST  | SPECIFICATION    | RESULT      |
|---|------------------|-------------|
| Meets A.C.S. Specifications   |                  |             |
| Meets Reagent Specifications for testing USP/NF monographs            |                  |             |
| Assay (C <sub>4</sub> H <sub>11</sub> NO <sub>3</sub> ) (dried basis) | 99.8 - 100.1 %   | 100.0 %     |
| Absorbance of a 40% Solution:   | Passes Test      | Passes Test |
| Water (H <sub>2</sub> O)(by Karl Fischer titrn)                       | 2 % max.         | 0.2 %       |
| Insoluble Matter  | 0.005 % max.     | < 0.001 %   |
| <b>Trace Impurities (in ppm):</b>                                     |                  |             |
| Heavy Metals (as Pb)  | 5 max.           | 5           |
| Iron (Fe)   | 5 max.           | < 3         |
| pH of 0.1M Solution at 25°C   | Information Only | 10.1        |
| For Laboratory, Research or Manufacturing Use                         |                  |             |
| Country of Origin:  | CHINA            |             |



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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Global Director of Quality Assurance

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