



# Hydrogen Peroxide, 30%

BAKER ANALYZED<sup>®</sup> A.C.S. Reagent  
(Stabilized)

Product No. 2186  
Lot No. L16A06  
Release Date 04/16/2012

## Certificate of Analysis

| TEST                                                       | SPECIFICATION | RESULT    |
|------------------------------------------------------------|---------------|-----------|
| Exceeds A.C.S. Specifications                              |               |           |
| Meets Reagent Specifications for testing USP/NF monographs |               |           |
| Assay (H <sub>2</sub> O <sub>2</sub> )                     | 30.0 - 32.0 % | 31.0 %    |
| Color (APHA)                                               | 10 max.       | 5         |
| Residue after Evaporation                                  | 0.002 % max.  | 0.0005 %  |
| Titrate Acid (meq/g)                                       | 0.0006 max.   | < 0.00005 |
| <b>Trace Impurities (in ppm):</b>                          |               |           |
| Chloride (Cl)                                              | 3 max.        | < 0.001   |
| Nitrate (NO <sub>3</sub> )                                 | 2 max.        | < 2       |
| Phosphate (PO <sub>4</sub> )                               | 2 max.        | < 0.5     |
| Sulfate (SO <sub>4</sub> )                                 | 5 max.        | < 3       |
| Ammonium (NH <sub>4</sub> )                                | 5 max.        | < 3       |
| <b>Trace Impurities (in ppb):</b>                          |               |           |
| Copper (Cu)                                                | 50 max.       | < 1       |
| Iron (Fe)                                                  | 100 max.      | < 1       |
| Heavy Metals (as Pb)                                       | 1000 max.     | < 250     |
| Lead (Pb)                                                  | 100 max.      | < 10      |
| Nickel (Ni)                                                | 50 max.       | < 5       |
| For Laboratory, Research or Manufacturing Use              |               |           |
| <b>USE BEFORE October 31, 2013</b>                         |               |           |
| 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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