

Hydrogen Peroxide, 30%  
BAKER ANALYZED® A.C.S. Reagent  
(Stabilized)



Material No.: 2186-03  
Batch No.: 22F2261009  
Manufactured Date: 2022-06-21  
Expiration Date: 2023-12-20  
Revision No.: 0

## Certificate of Analysis

Meets ACS Reagent Chemical Requirements,

| Test                                   | Specification | Result      |
|----------------------------------------|---------------|-------------|
| Assay (H <sub>2</sub> O <sub>2</sub> ) | 30.0 – 32.0 % | 31.4 %      |
| Color (APHA)                           | ≤ 10          | 5           |
| Residue after Evaporation              | ≤ 0.0020 %    | < 0.0020 %  |
| Titration Acid (meq/g)                 | ≤ 0.0006      | < 0.0006    |
| Chloride (Cl)                          | ≤ 2 ppm       | < 2 ppm     |
| Nitrate (NO <sub>3</sub> )             | ≤ 2 ppm       | < 2 ppm     |
| Phosphate (PO <sub>4</sub> )           | ≤ 2 ppm       | 1 ppm       |
| ACS – Sulfate (SO <sub>4</sub> )       | ≤ 5 ppm       | < 5 ppm     |
| Ammonium (NH <sub>4</sub> )            | ≤ 5 ppm       | < 5 ppm     |
| Trace Impurities – Copper (Cu)         | ≤ 50 ppb      | < 1 ppb     |
| Trace Impurities – Iron (Fe)           | ≤ 100.0 ppb   | 6.3 ppb     |
| Heavy Metals (as Pb)                   | ≤ 1000.0 ppb  | < 250.0 ppb |
| Trace Impurities – Lead (Pb)           | ≤ 100 ppb     | < 10 ppb    |
| Trace Impurities – Nickel (Ni)         | ≤ 50 ppb      | < 5 ppb     |

For Laboratory, Research, or Manufacturing Use  
Meets Reagent Specifications for testing USP/NF monographs

Country of Origin: USA  
Packaging Site: Paris Mfg Ctr & DC

  
Jamie Ethier  
Vice President Global Quality

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700

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