

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



Material No.: 2186-03  
Batch No.: 0000052297  
Manufactured Date: 2013/05/30  
Expiration Date: 2014/11/28

## Certificate of Analysis

Meets ACS Reagent Chemical Requirements,

Test	Specification	Result
Assay (H <sub>2</sub> O <sub>2</sub> )	30.0 – 32.0 %	31.3
Color (APHA)	<= 10	5
Residue after Evaporation	<= 0.0020 %	< 0.0005
Titration Acid (meq/g)	<= 0.0006	< 0.0001
Chloride (Cl)	<= 3 ppm	< 1
Nitrate (NO <sub>3</sub> )	<= 2 ppm	< 2
Phosphate (PO <sub>4</sub> )	<= 2 ppm	< 1
ACS – Sulfate (SO <sub>4</sub> )	<= 5 ppm	< 3
Ammonium (NH <sub>4</sub> )	<= 5 ppm	< 3
Trace Impurities – Copper (Cu)	<= 50.0 ppb	< 1.0
Trace Impurities – Iron (Fe)	<= 100.0 ppb	< 1.0
Heavy Metals (as Pb)	<= 1000 ppb	< 250
Trace Impurities – Lead (Pb)	<= 100.0 ppb	< 10.0
Trace Impurities – Nickel (Ni)	<= 50.0 ppb	< 1.0

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

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



Phillipsburg, NJ 9001:2008, 14001:2004  
Paris, KY 9001:2008  
Mexico City, Mexico 9001:2008  
Deventer, The Netherlands 9001:2008, 14001:2004, 13485:2003  
Gliwice, Poland 9001:2008, 17025:2005  
Selangor, Malaysia 9001:2008  
Dehradun, India, 9001:2008, 14001:2004, 13485:2003  
Mumbai, India, 9001:2008, 17025:2005  
Panoli, India 9001:2008

Richard M Siberski  
Global Director of Quality Assurance

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.573.2600  
Avantor™ Performance Materials Inc.

3477 Corporate Parkway, Suite #200, Center Valley, PA 18034, U.S.A. Phone: 610.573.2600 . Fax: 610.573.2610