

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



Material No.: 2186-03  
Batch No.: 0000223677  
Manufactured Date: 2019/02/22  
Expiration Date: 2020/08/22  
Revision No: 1

## Certificate of Analysis

Meets ACS Reagent Chemical Requirements,

Test	Specification	Result
Assay (H <sub>2</sub> O <sub>2</sub> )	30.0 – 32.0 %	31.6
Color (APHA)	<= 10	5
Residue after Evaporation	<= 0.0020 %	0.0002
Titration Acid (meq/g)	<= 0.0006	< 0.0006
Chloride (Cl)	<= 2 ppm	< 2
Nitrate (NO <sub>3</sub> )	<= 2 ppm	< 2
Phosphate (PO <sub>4</sub> )	<= 2 ppm	< 2
ACS – Sulfate (SO <sub>4</sub> )	<= 5 ppm	< 5
Ammonium (NH <sub>4</sub> )	<= 5 ppm	< 5
Trace Impurities – Copper (Cu)	<= 50.0 ppb	< 1.0
Trace Impurities – Iron (Fe)	<= 100.0 ppb	4.3
Heavy Metals (as Pb)	<= 1000 ppb	< 250
Trace Impurities – Lead (Pb)	<= 100.0 ppb	< 10.0
Trace Impurities – Nickel (Ni)	<= 50.0 ppb	< 5.0

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

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

  
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  
Avantor Performance Materials, LLC  
100 Matsonford Rd, Suite 200, Radnor, PA 19087. U.S.A. Phone: 610.386.1700