

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



Material No.: 2186-03
Batch No.: 23B0861047
Manufactured Date: 2023-02-04
Expiration Date: 2024-08-04
Revision No.: 0

Certificate of Analysis

Meets ACS Reagent Chemical Requirements,

Test	Specification	Result
Assay (H ₂ O ₂)	30.0 – 32.0 %	31.7 %
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 ₃)	≤ 2 ppm	< 2 ppm
Phosphate (PO ₄)	≤ 2 ppm	1 ppm
ACS – Sulfate (SO ₄)	≤ 5 ppm	< 3 ppm
Ammonium (NH ₄)	≤ 5 ppm	< 3 ppm
Trace Impurities – Copper (Cu)	≤ 50 ppb	< 1 ppb
Trace Impurities – Iron (Fe)	≤ 100.0 ppb	4.9 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

Avantor Performance Materials, LLC

100 Matsonford Rd, Suite 200, Radnor, PA 19087. U.S.A. Phone 610.386.1700

Page 1 of 1