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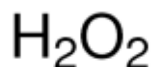
Email USA: techserv@sial.com

Outside USA: eurtechserv@sial.com

Product Specification

Product Name:
Hydrogen peroxide solution - contains inhibitor, 30 wt. % in H₂O, ACS reagent

Product Number: 216763
CAS Number: 7722-84-1
MDL: MFCD00011333
Formula: H₂O₂
Formula Weight: 34.01 g/mol
Storage Temperature: 2 - 8 °C



TEST	Specification
Appearance (Color)	Colorless
Appearance (Form)	Liquid
Titration with KMnO ₄ Wt% H ₂ O ₂	29.0 - 32.0 %
Residue on Evaporation	≤ 0.002 %
Color Test	≤ 10 APHA
Chloride (CL)	≤ 3 ppm
Iron (Fe)	≤ 0.5 ppm
Heavy Metal As Lead	≤ 1 ppm
Ammonium	≤ 5 ppm
Nitrate (ppm)	≤ 2 ppm
Phosphate	≤ 2 ppm
Sulfate	≤ 5 ppm
Titration Acid (meq/g)	≤ 0.0006
Recommended Retest Period 2 Years	-----
Meets ACS Requirements 10th Edition	Current ACS Specification

Specification: PRD.1.ZQ5.10000018552

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.