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Product Specification

Product Name:

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

Product Number:

216763

MDL:

MFCD00011333

Formula:

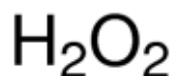
H₂O₂

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)	≤ 2 ppm
Iron (Fe)	≤ 0.5 ppm
Heavy Metals (by ICP)	≤ 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	Current ACS Specification

Specification: PRD.3.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.

