



# Product Specification

**Product Name:** HYDROGEN PEROXIDE 30% w/w Reagent Grade  
(100 volumes)

Alternate Name(s) Hydrogen peroxide, aqueous solution.

Description

Clear liquid with characteristic odour and free from visible impurities.

Properties

Chemical Formula: H<sub>2</sub>O<sub>2</sub>

Molecular Weight: 34.01

Product Code: HR154

CAS No.: 7722-84-1

General Information:

Slowly decomposes, evolving oxygen; the rate of decomposition increases on contact with metals. When carried as aqueous solution, hazard increases with greater concentrations.

Hazard and Safety Data

UN Group: II  
Class: 5.1  
UN Number: 2014  
Hazchem code: 2P  
CS MSDS Code: 1CH35  
Poison schedule: S6  
Emergency  
Procedure Guide No.: 31

Quality Specification

Assay: 29.0% -32.0%

Specific Properties and Impurities [Typical levels]:

Colour (APHA)	10
Residue after evaporation	0.002%
Acidity	0.03%
Ammonium	0.0005%
Chloride	0.0001%
Phosphate	0.0005%
Sulfate	0.0002%
Aluminium	0.0001%
Arsenic	0.0001%
Calcium	0.0005%
Chromium	0.00005%
Copper	0.00005%
Iron	0.00001%
Lead	0.00005%
Magnesium	0.00001%
Manganese	0.00005%
Nickel	0.00001%
Potassium	0.0001%
Sodium	0.001%
Tin	0.0001%
Zinc	0.00005%

CONFORMS TO FCC

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Chem-Supply Pty Ltd - An ISO 9001 Accredited Company

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