

Hydrogen Peroxide

EXCLUSIVE FEATURES

- Colourless, slightly viscous, water like liquid.
- Miscible with water.
- Mainly produces "ACTIVE OXYGEN" in all concerned processes.

APPLICATIONS

- As bleaching agent for Pulp, Paper, Textiles, Sugar, Coir, Tobacco Industries.
- Antiseptic agent in Pharmaceuticals
- Sterilising agent in Aseptic Packing
- As raw material for Organic-Inorganic Chemicals, Dyestuffs and Pesticides.
- Propellant for Rockets and Aircrafts.
- Oxidising agent for Silver Ornaments.
- Neutralising agent in Wine Distillation.
- Chemical reagent for extraction of different metals : Cobalt, Uranium, Tungsten etc.
- As an etching & cleaning agent in Electronic Industry and Process Equipments.

ADVANTAGES

- Use of Hydrogen Peroxide provides a "CLEAN PROCESS" and enables to maintain pollution free environment as it decomposes to Water and Oxygen. The rate of decomposition is as low as 1% per year at normal room temperature.
- QCD is equipped with most modern instruments to analyse special tests also on request.

SPECIFICATIONS

Properties	Grades -->	60% H2O2 w/ w	60% H2O2 w/ w	60% H2O2 w/ w
Stability	**	0.3 max	0.3 max	0.3 max
Acidity (as H ₂ SO ₄)	g/100 ml	0.03 max	0.03 max	0.07 max
Non-Volatile residue	g/100 ml	0.15 max	0.2 max	0.2 max
Residue on Ignition	g/100 ml	0.05 max	0.05 max	0.05 max
Iron (as Fe)	ppm	1.00 max	1.00 max	1.00 max
Copper (as Cu)	ppm	0.01 max	0.01 max	0.01 max
Arsenic (as As ₂ O ₃)	ppm	2.0 max	2.0 max	2.0 max
Lead (as Pb)	ppm	10.0 max	10.0 max	10.0 max

** - ml. of O₂/25 ml at 100oC for 30 minutes

PACKING

- For 35% & 50% Concentration :
- 30 kg, 50 kg HM HDPE carboys
 - 250 kg HM HDPE Barrels
 - Dedicated SS tankers.

- For 60% Concentration :
- Only in dedicated SS tankers.
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