

HYDROGEN PEROXIDE (H₂O₂)

HYP



We are always the first and so...

At GACL, we bring the premium quality products manufactured by the state-of-the-art technologies. Hydrogen Peroxide is manufactured by "Auto Oxidation" process technology of UHDE, Germany and Chematur Engineering AB, Sweden.

EXCLUSIVE FEATURES

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

APPLICATIONS

- As a Bleaching agent for Pulp, Paper, Textiles, Sugar, Coir & Tobacco Industries
- Antiseptic agent in Pharmaceuticals
- Sterilizing agent in Aseptic packing
- As raw material for Organic and Inorganic chemicals, Dyestuffs and Pesticides
- Effluent treatment
- Propellant for Rockets & Aircrafts
- Oxidizing agent for Silver ornaments
- Neutralizing 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

SPECIFICATIONS

Sr.	Characteristic	Grade	35% H ₂ O ₂ w/w	50% H ₂ O ₂ w/w	60% H ₂ O ₂ w/w
1.	Stability	ml. of O ₂ /25 ml at 100°C for 30 mins	0.30 max	0.30 max	0.30 max
2.	Acidity (as H ₂ SO ₄)	g/100 ml	0.03 max	0.03 max	0.07 max
3.	Iron (as Fe)	ppm	1.00 max	1.00 max	1.00 max
4.	Copper (as Cu)	ppm	0.10 max	0.10 max	0.10 max
5.	Arsenic (as As)	ppm	2.00 max	2.00 max	2.00 max
6.	Lead (as Pb)	ppm	10.0 max	10.0 max	10.0 max

For 2 to 6 : COA (Certificate of Analysis) as & when required by Customer

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 1.0% per year at normal room temperature.
- QCD is equipped with most modern instruments to analyze special test on request.

PACKING

For 35% & 50% Conc.:

- 30 kgs/ 50 kgs HM-HDPE Carboys
- 250 kgs HM-HDPE Barrels
- Dedicated SS Tankers

For 60% Conc.:

- In dedicated SS Tankers & 30/50 kgs HM-HDP Carboys

PRODUCTION CAPACITY

- 45 Tonnes/day at Vadodara complexe (on 100% basis)
- 120 Tonnes/day at Dahej complexe (on 100% basis)

CONTACT

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Gujarat Alkalies and Chemicals Limited
An ISO Certified Company (Promoted by Govt. of Gujarat)

Vadodara Complex (Regd. Office & Works) : P. O. Ranoli - 391 350,
Dist. Vadodara (Gujarat) INDIA

Dahej Complex (Works) : P. O. Dahej-392 130, Tal. Vagra,
Dist. Bharuch (Gujarat) INDIA

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