Email : sales@scilabexport.com
Phone: +91-7082934803

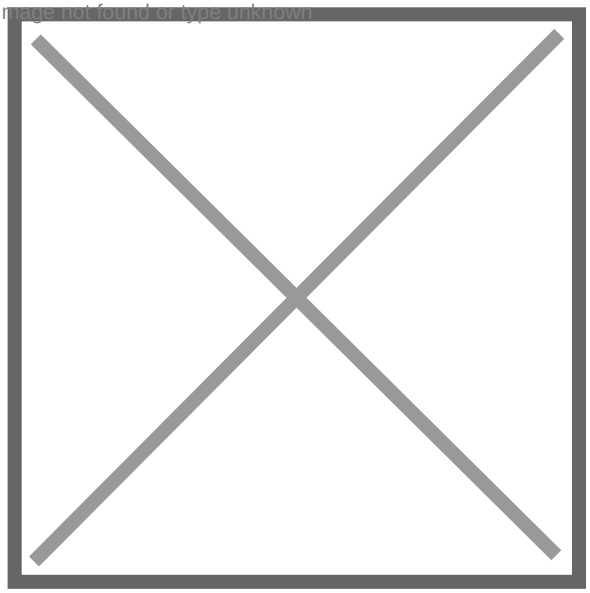
Product Name :

Hydrogen Peroxide Soln. 3% w/v

Product Code :

SCL-979/232

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Description :

Hydrogen Peroxide Soln. 3% w/v (Product Code: SCL-979/232) is a dilute aqueous hydrogen peroxide solution used to generate oxygen, show catalysis and carry out oxidation tests in school and college laboratories. At 3% w/v strength and in a 500 ml analytical reagent pack with MSDS,it suits student chemistry demonstrations and catalase experiments in biology alike. It is suppliedby **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India, a laboratory chemicals supplier in India.

Specifications

Parameter	Detail
Product	Hydrogen peroxide solution
Strength	3% w/v
Pack capacity	500 ml
Grade	Analytical reagent
Safety documentation	Supplied with MSDS
Shelf life	Depends on the chemical, its grade and storage conditions; ask us for the expiry date of the batch you are quoted
Product code	SCL-979/232
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is 3% Hydrogen Peroxide Solution Used For?

The classic demonstration adds a small amount of manganese dioxide to the solution in a flask fitted with a delivery tube; the peroxide decomposes steadily, and the oxygen is collected over water in a gas jar using standard gas collection apparatus, then identified by relighting a glowing splint. Comparing the rate with and without the catalyst, or with different catalysts, turns the same set-up into a lesson on reaction rates.

Biology classes drop small pieces of fresh liver or potato into the solution to show catalase at work: vigorous frothing appears with fresh tissue but not with boiled tissue, illustrating enzyme denaturation. In analysis, the solution oxidises iodide in acid to iodine and iron(II) to iron(III). Hydrogen peroxide slowly decomposes, faster in light, heat or contact with metals, so store it closed in a cool, dark place, never pour unused portions back into the bottle, and wear eye protection even at this dilution.

Supplier

Hydrogen Peroxide Soln. 3% w/v reaches customers through **Jain Scientific Equipments Private Limited**, the Ambala, Haryana company behind the ScienceLab name. It sources dilute solutions and reagents for teaching laboratories, colleges and distributors, and dispatches them with apparatus orders to India and international markets. For company background, see our profil

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