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

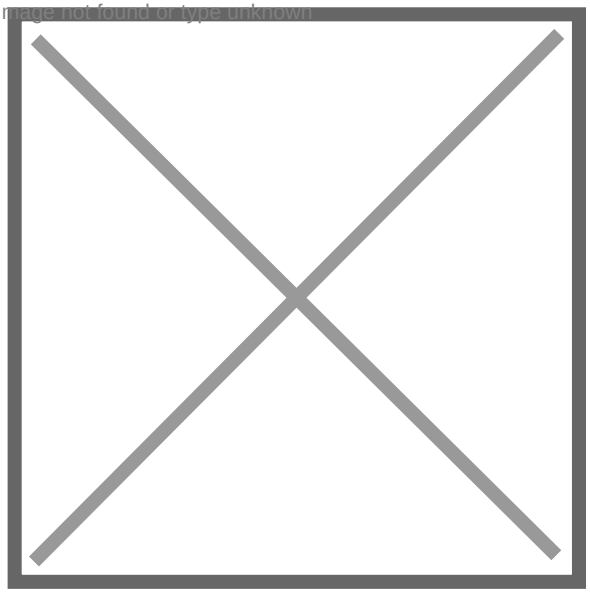
Product Name :

Hydrogen Peroxide

Product Code :

SCL-869/177

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Description :

Hydrogen Peroxide (Product Code: SCL-869/177) is an oxidising reagent used to prepare oxygen, run redox tests and demonstrate the enzyme catalase in school and college chemistry and biology labs. It comes as a liquid in a 500 ml analytical reagent bottle with an MSDS, and breaks down over a manganese dioxide catalyst to give the oxygen for gas-jar tests. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, a laboratory chemicals supplier in India, with the other chemistry consumables a school lab reorders each term.

Specifications

Parameter	Detail
Chemical	Hydrogen peroxide, H_2O_2
Supplied as	Liquid
Capacity	500 ml
Grade	Analytical reagent
Safety documentation	Supplied with MSDS
Strength	Not stated in this listing – ask before ordering
Shelf life	Shelf life depends on the chemical, its grade and storageconditions; ask us for the expiry date of the batch you are quoted.
Product code	SCL-869/177
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is Hydrogen Peroxide Used For?

To prepare oxygen, the peroxide is run from a thistle or dropping funnel onto a little manganese dioxide in a flask, and the gas is collected over water in gas jars – the standard gas collection apparatus of a school lab. A glowing splint relights in the jar, and recovering and weighing the black powder afterwards shows students that a catalyst is not used up.

In redox practicals, hydrogen peroxide acts as an oxidising agent that frees brown iodine from acidified potassium iodide, and as a reducing agent that decolourises acidified potassium permanganate. Biology classes add it to pieces of potato or liver to watch the froth of oxygen released by catalase.

Any peroxide solution slowly decomposes into water and oxygen, and the loss of strength speeds up with warmth, light and contamination by metals or dust. Keep the bottle upright and closed in a cool, dark cupboard, take out only what the practical needs with clean glassware, and never pour unused liquid back. Stronger solutions bleach and irritate skin and eyes, so wear gloves and goggles.

Supplier

Hydr… …d, which… …nt and s… …l