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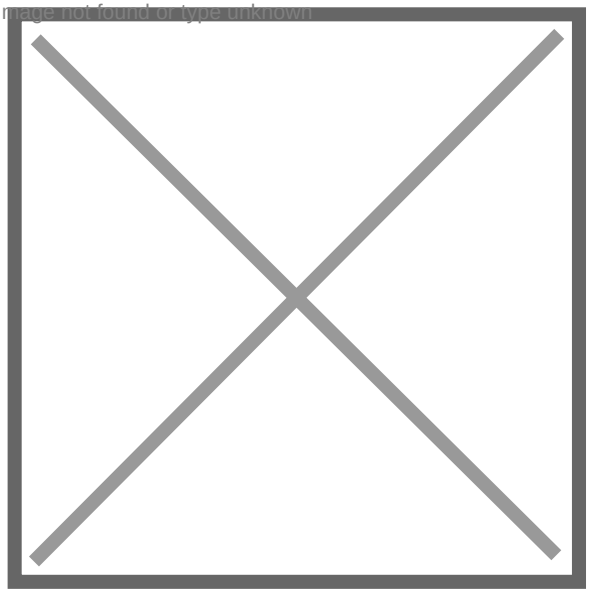
Product Name :

Lime Water

Product Code :

SCL392/0106

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Description :

Lime Water (Product Code: SCL392/0106) is a clear calcium hydroxide solution, listed as an analytical reagent, used to detect carbon dioxide in respiration, fermentation and exhaled-air experiments in biology and general science classes. It turns milky when the gas is bubbled through it, and each 500 ml pack comes with its MSDS. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India, alongside the plant biology lab equipment used in respiration studies.

Specifications

Parameter	Detail
Product	Lime water (calcium hydroxide solution)
Grade	Analytical reagent
Pack size	500 ml
Documentation	Supplied with MSDS
Shelf life	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	SCL392/0106
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is Lime Water Used For?

The best-known demonstration compares inhaled and exhaled air: two tubes of lime water are connected so that a student breathes in through one and out through the other, and only the exhaled-air tube turns milky. The same test appears in experiments on germinating seeds, respiring plant material kept in the dark and yeast fermenting sugar, where the gas given off is led through lime water to prove it is carbon dioxide. These experiments are standard in any biology experiment kit students use from middle school onward.

Lime water reacts slowly with carbon dioxide in the air, so keep the bottle firmly stoppered and pour out only what the lesson needs. Check that the stock is clear before class, since a stale, cloudy solution gives misleading results. When blowing through tubes, students should breathe out gently and never suck liquid back towards the mouth.

Supplier

Lime Water is supplied by **Jain Scientific Equipments Private Limited**, which operates under the ScienceLab brand from Ambala, Haryana, India. The company supplies consumable reagents together with respiration apparatus and glassware, so institutions can source a complete practical from one vendor. Read more in our company profile.

Related Biology Lab Products

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