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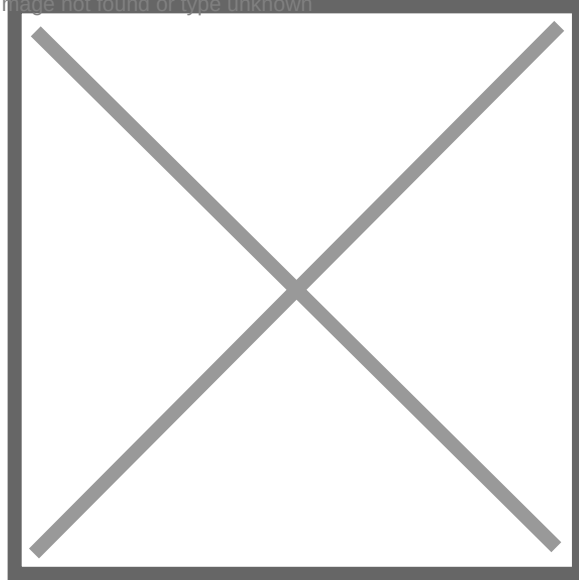
Product Name :

Boric Acid

Product Code :

SCL372/090

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1226/1-5, Bengali Mohalla, Science Market | 133001, Haryana



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Description :

Boric Acid (Product Code: SCL372/090) is a weak acid supplied as an analytical reagent in a 500 gm pack, used to prepare borate buffers such as TBE for DNA gel electrophoresis and to add boron to pollen-germination media. College biotechnology departments and school biology labs use it with the supplied MSDS on file. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India, as a routine buffer ingredient for any gel electrophoresis kit in India.

Specifications

Parameter	Detail
Product	Boric Acid
Grade	Analytical reagent
Pack capacity	500 gm
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	SCL372/090
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is the Boric Acid Used For?

In the pollen-germination practical, students dust fresh pollen onto a drop of sugar solution containing a trace of boric acid on a cavity slide and watch pollen tubes emerge under the microscope; since boron supports pollen-tube growth, slides with and without it make a simple investigation. In college molecular biology, boric acid is weighed out with the other buffer components, dissolved in distilled water and checked on a pH meter before an electrophoresis run.

Weigh it on a clean, dry balance pan and close the container straight away, as the powder can cake if it absorbs moisture. Although it is only a weak acid, boric acid should never be treated as harmless: avoid swallowing it or inhaling the dust, keep it out of reach of young students, and follow the supplied MSDS for storage and disposal.

Supplier

ScienceLab is the trading name of Jain Scientific Equipments Private Limited, based in Ambala, Haryana, India. Its catalogue covers reagents such as boric acid as well as the balances, pH meters and slides used to prepare and apply the solutions made from them, supplied to schools, colleges and research departments in India and international markets. Learn more on the [company profile](#) page.

Related Biology Lab

Items used

- [Sugar](#)
- [Calcium](#)

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