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

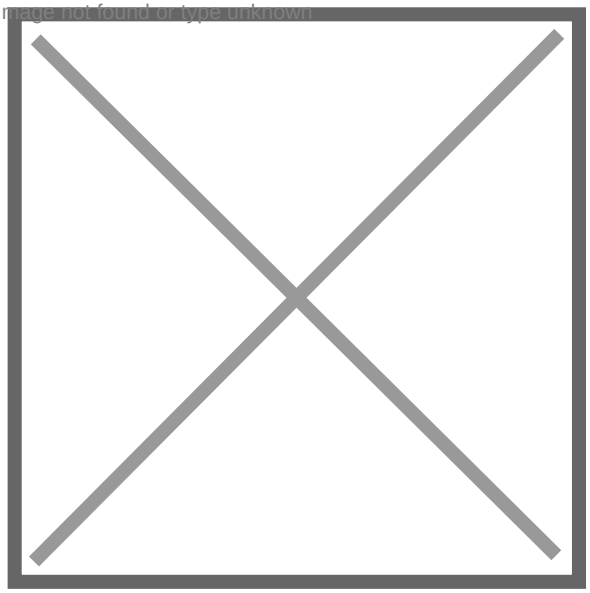
Product Name :

Cellulase Enzyme (DNA Separation)

Product Code :

SCL373/091

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Science Lab

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Description :

Cellulose Enzyme (DNA Separation) (Product Code: SCL373/091) is an enzyme preparation in a 100 ml pack used to digest the cellulose of plant cell walls during DNA isolation practicals. Listed as an analytical reagent and supplied with an MSDS, it lets students release DNA from onion, spinach or fruit tissue, which makes it a key item in a DNA extraction kit for schools inIndia. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India.

Specifications

Parameter	Detail
Product	Cellulose enzyme for DNA separation practicals
Grade	Analytical reagent
Pack capacity	100 ml
Supplied with	MSDS
Shelf life	Depends on the product, its grade and storage conditions; ask us for the expiry date of the batch you are quoted
Product code	SCL373/091
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is the Cellulose Enzyme Used For?

The textbook route to isolating DNA from plant material runs in stages: the tissue is ground, the cell walls are digested with a cellulose-degrading enzyme, proteins and RNA are removed with protease and ribonuclease, and the DNA is finally precipitated with chilled ethanol, where it appears as fine white threads that can be spooled onto a glass rod. This enzyme covers the cell-wall step, which is what makes onion, spinach or fruit usable in a classroom extraction for senior secondary and undergraduate biotechnology courses.

Enzymes are sensitive to heat and pH, so follow the incubation conditions in your practical manual and never add the enzyme to a hot mixture. Check the label and supplied MSDS for the recommended storage conditions, keep the bottle closed between uses, and draw from it with a clean pipette each time so the stock is not contaminated.

Supplier

The enzyme is offered by Jain Scientific Equipments Private Limited, which trades as ScienceLab and is based in Ambala, Haryana, India. Besides reagents for biotechnology practicals, the company supplies the grinding, centrifuging and glassware items those practicals need to schools, colleges and distributors in India and international markets. See our company profile for details.

Related Biology Lab

Other