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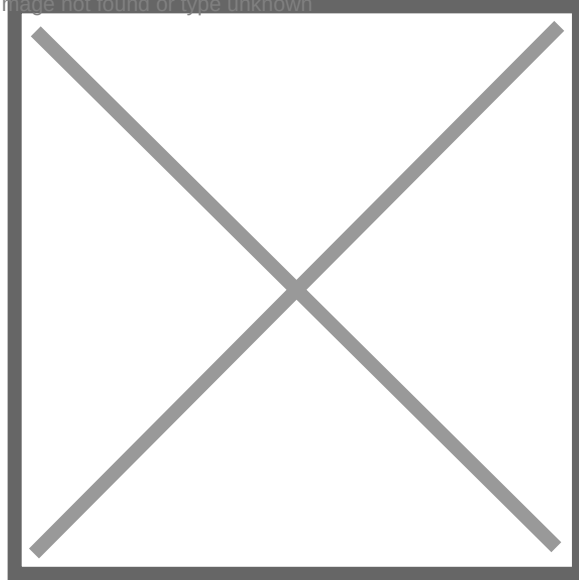
Product Name :

Acetocarmine (Nucleic Acid)

Product Code :

SCL451/0134

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Description :

Acetocarmine (Nucleic Acid) (Product Code: SCL451/0134) is a chromosome stain used to colour nuclei and chromosomes deep red for observing cell division in biology practicals. Students rely on it for onion root tip squashes and flower-bud meiosis preparations because the cytoplasm stays pale, and it is packed as 125 ml of analytical reagent grade stain with an MSDS. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India, and is a core part of any staining kit for a biology lab.

Specifications

Parameter	Detail
Stain	Acetocarmine (for nuclei and chromosomes)
Pack capacity	125 ml
Grade	Analytical reagent
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	SCL451/0134
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is Acetocarmine Stain Used For?

The onion root tip squash is the classic practical. Freshly grown root tips are fixed, softened in warm dilute hydrochloric acid so the cells separate, and then warmed gently in a few drops of acetocarmine in a watch glass over a spirit lamp without boiling. The tip is moved to a slide, covered with a coverslip and pressed firmly to spread the cells into a single layer. Under the microscope the chromosomes stand out clearly, and students can identify prophase, metaphase, anaphase and telophase in the same field.

Young anthers from flower buds are squashed the same way to show stages of meiosis, and college classes also use the stain for salivary gland chromosomes. Comparing a student's temporary slide with a reference slide of the same tissue is a good way to check technique. The stain contains acid, so use it in a ventilated area, keep it off skin and clothing, and wipe the underside of the slide before it goes on the microscope stage.

Supplier

Acetocarmine belongs to the ScienceLab reagent range. ScienceLab is the trading name of Jain Scientific Equipments Private Limited of Ambala, Haryana, which supplies stains, reagents, glassware and microscopy accessories to teaching and research laboratories in India and international markets. More background is on our [company profile](#).

Related Biology Lab Products

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