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

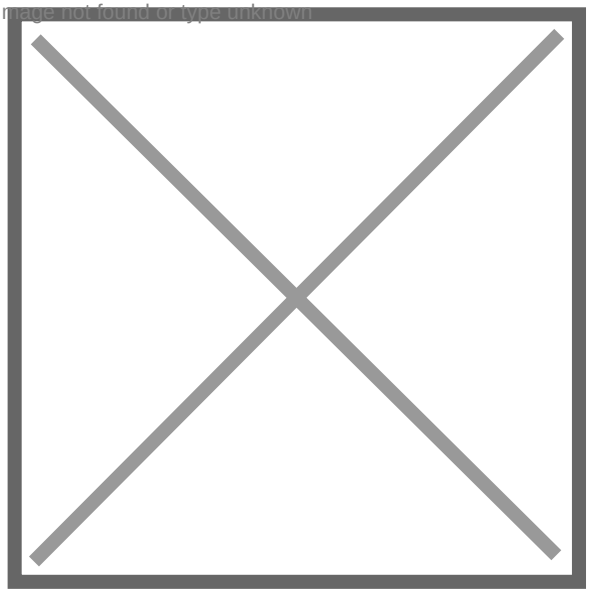
Product Name :

Oxidase Reagent

Product Code :

SCI-249/041

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Description :

Oxidase Reagent (Product Code: SCI-249/041) is a laboratory reagent used to detect oxidase enzymes in bacteria during identification tests in microbiology laboratories. Students and technicians use it in the oxidase test, which separates oxidase-positive organisms such as Pseudomonas from oxidase-negative members of the Enterobacteriaceae; it comes in a 30 ml bottle, a handy size among the lab chemicals on a microbiology bench. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India.

Specifications

Parameter	Detail
Purpose	Detecting oxidase enzymes
Volume	30 ml bottle
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	SCI-249/041
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is the Oxidase Reagent Used For?

The oxidase test asks one quick question of a bacterial colony: does it produce cytochrome c oxidase? A little of the colony is rubbed on to filter paper moistened with the reagent, or the reagent is dropped on to colonies, and a colour change signals an oxidase-positive organism. It is one of the first tests used to sort Gram-negative rods, and it also features in water testing microbiology, where presumptive coliforms are expected to be oxidase-negative.

Pick colonies with a platinum loop, a plastic loop or a wooden stick, because nichrome or iron wire can give a false-positive reaction. Test fresh growth, read the result within the time stated in the instructions supplied with the reagent, and run known positive and negative cultures alongside. Many oxidase reagents darken on exposure to air and light, so keep the bottle tightly closed and cool between sessions.

Supplier

ScienceLab is the trading name of Jain Scientific Equipments Private Limited, Ambala, Haryana, which supplies the Oxidase Reagent to microbiology teaching labs, testing laboratories and dealers in India and international markets. Labs usually order the reagent with the control cultures and consumables for the same identification practical. The ScienceLab profile page has further company information.

Related Laboratory Equipment

Items that complete an oxidase test set-up: