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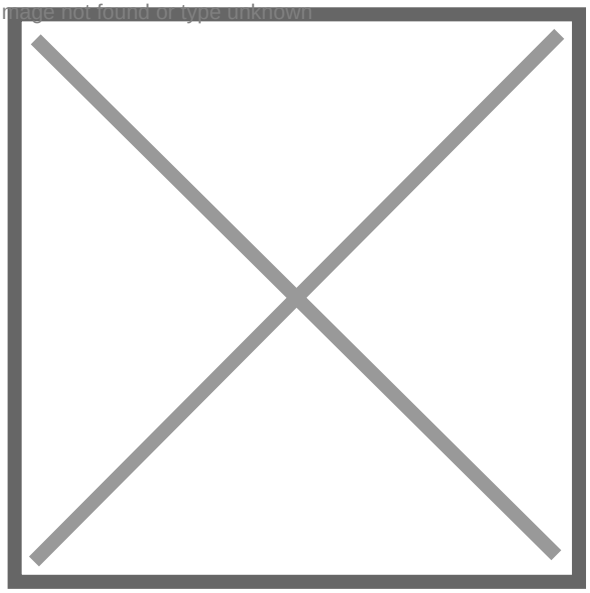
Product Name :

Phenol Red (Test Of Urea In Urine)

Product Code :

SCL449/0133

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Description :

Phenol Red (Test Of Urea In Urine) (Product Code: SCL449/0133) is a pH indicator used to reveal the ammonia released when urease acts on urea during urine tests in biology laboratories. It is yellow in acidic conditions and turns red, then pink-magenta, as a mixture becomes alkaline, and schools receive it as a 500 ml pack of analytical reagent grade with an MSDS. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India, a lab chemicals supplier for schools and colleges.

Specifications

Parameter	Detail
Indicator	Phenol red
Pack capacity	500 ml
Grade	Analytical reagent
Safety document	MSDS included
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	SCL449/0133
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is Phenol Red Indicator Used For?

For the urea test, a few drops of phenol red are added to the urine sample, which usually shows a yellow to orange tint. After urease is added, the enzyme releases ammonia from any urea present and the colour deepens to red and then pink as the mixture becomes alkaline. Setting up an indicator-only blank and a known urea standard beside each sample helps students judge the change fairly and stops a naturally alkaline sample from being misread.

The same indicator is useful beyond the urea test. Because dissolved carbon dioxide makes water more acidic, phenol red turns from red towards yellow when students breathe into it, and it can show carbon dioxide uptake by aquatic plants in light as the water drifts back towards red. That versatility makes it a practical member of any acid base indicator kit on the biology bench; dispense it with a dropper and keep the stock bottle closed and free of sample contamination.

Supplier

Jain Scientific Equipments Private Limited is the company behind the ScienceLab name, working from Ambala in the state of Haryana. It supplies indicators, reagents, lab glassware and science apparatus to educational and research laboratories in India and international markets. Visit our company profile to learn more.

Related Biology Lab Products

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