Email : sales@scilabexport.com
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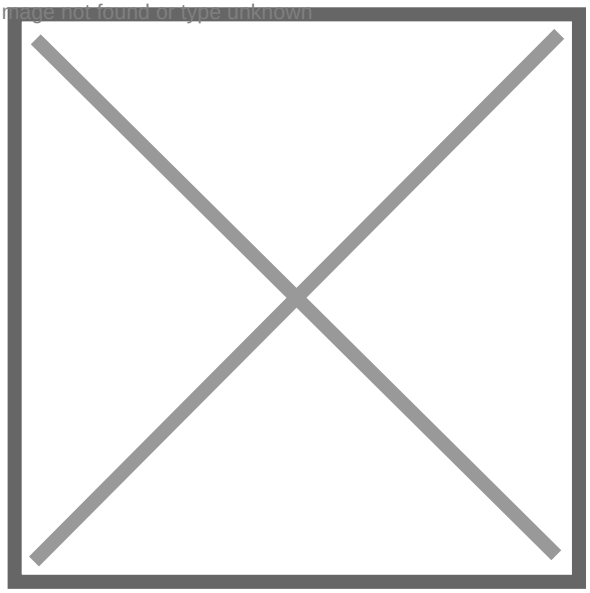
Product Name :

Sodium Hypobromite

Product Code :

SCL423/0122

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Description :

Sodium Hypobromite (Product Code: SCL423/0122) is an alkaline oxidising reagent used to detect urea in urine and in prepared urea solutions during biology and physiology practicals. Supplied in a 500 ml pack of analytical reagent grade with an MSDS, it releases a visible stream of gas bubbles when urea is present, which makes it a favourite demonstration in lessons on excretion. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India, a laboratory chemicals supplier for schools and colleges.

Specifications

Parameter	Detail
Product	Sodium hypobromite reagent
Pack capacity	500 ml
Grade	Analytical reagent
Safety document	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	SCL423/0122
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is Sodium Hypobromite Used For?

The classic class demonstration is simple: a little urine, or a urea solution used as a positive control, is taken in a test tube and the hypobromite reagent is added. Urea is oxidised and nitrogen gas is released, so brisk effervescence indicates urea, while a tube of plain water shows no bubbles. In older quantitative work the same reaction was carried out in a closed ureometer, where the volume of gas collected was used to estimate urea content, and some college physiology manuals still describe that method.

Handle the reagent as an alkaline oxidiser: wear eye protection, keep it away from acids (acidifying hypobromite can release bromine), and work on a tray so spills stay contained. Hypobromite reagents tend to lose strength once opened, so run a urea control before the class and keep the bottle closed between uses. Schools planning a practical session on excretion often pair this reagent with the urease and phenol red test, and buying both from one school biology lab equipment supplier in India keeps the set consistent.

Supplier

Sodium Hypobromite is supplied by **Jain Scientific Equipments Private Limited**, which trades as **ScienceLab** from Ambala, Haryana, and sources reagents, glassware and teaching apparatus for education and research laboratories. For vendor registration, the supplying company is Jain Scientific Equipments Private Limited (CIN U29309HR2020PTC087597, GSTIN 06AA

Rela

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