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

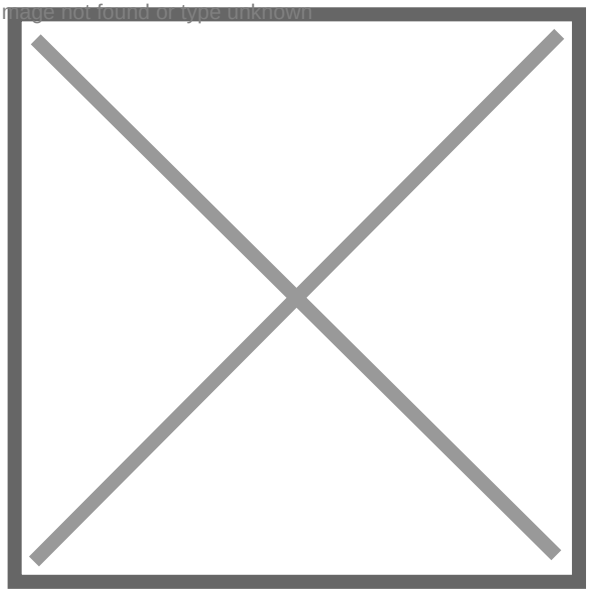
Product Name :

Tollens Reagent

Product Code :

SCL-993/239

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Description :

Tollens Reagent (Product Code: SCL-993/239) is the ammoniacal silver reagent used to distinguish aldehydes from ketones by the silver mirror test in college, university and senior-school organic chemistry laboratories. Aldehydes and reducing sugars deposit a bright silver mirror while ketones leave it unchanged, making it a natural partner to a Fehling solution kit; it is listed in a 500 ml analytical reagent pack with its MSDS. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India.

Specifications

Parameter	Detail
Product	Tollens reagent (for the silver mirror test)
Pack capacity	500 ml
Grade	Analytical reagent
Safety documentation	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. Any mixed working solution must be used immediately
Product code	SCL-993/239
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is Tollens Reagent Used For?

For the test, a few drops of the sample are added to the reagent in a scrupulously clean test tube, which is then warmed in a water bath rather than over a flame. A silver mirror, or at least a grey-black silver deposit, indicates an aldehyde or a reducing sugar such as glucose; acetone and other simple ketones give no change. Because the reagent is built on silver nitrate solution made alkaline and complexed with ammonia, it also complements Fehling solution: aromatic aldehydes such as benzaldehyde reduce Tollens reagent but not Fehling solution, helping students tell aromatic from aliphatic aldehydes.

Safety matters with this reagent. The mixed ammoniacal silver solution must be prepared or used immediately before the test and never kept, because on standing it can deposit dangerously explosive silver compounds. Discard the contents of each tube straight after observation, acidifying with dilute acid before rinsing away as the MSDS and local rules direct. Silver salts stain skin black, so wear gloves and goggles, and keep the reagent away from light.

Supplier

Tollens Reagent is supplied by **Jain Scientific Equipments Private Limited**, which trades as ScienceLab from Ambala, Haryana, India, to colleges, universities, schools and distributors in India and international markets. For vendor registration, purchase departments can record the suppl
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