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

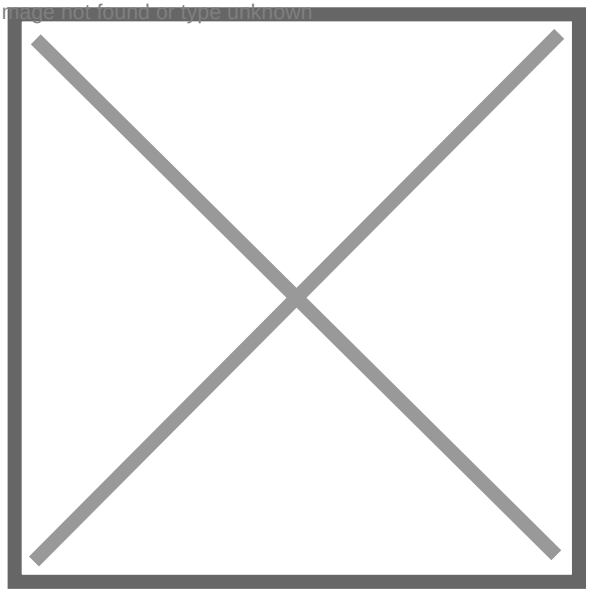
Product Name :

Iodine Solution N/10

Product Code :

SCL-871/178

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Description :

Iodine Solution N/10 (Product Code: SCL-871/178) is a decinormal (0.1 N) iodine solution used as the titrant in iodimetric and iodine–thiosulphate titrations in college and senior secondary chemistry labs. Supplied ready-made in a 500 ml analytical reagent bottle with an MSDS, itspares staff from weighing out volatile iodine crystals and fits neatly into a volumetric analysis kit.It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India.

Specifications

Parameter	Detail
Product	Iodine solution
Normality	N/10 (decinormal, 0.1 N), as named
Capacity	500 ml
Grade	Analytical reagent
Safety documentation	Supplied with MSDS
Usual indicator	Freshly prepared starch solution
Shelf life	Shelf life depends on the chemical, its grade and storageconditions; ask us for the expiry date of the batch you are quoted.
Product code	SCL-871/178
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is N/10 Iodine Solution Used For?

In an iodimetric titration the solution is run from a burette into the sample until the first permanent blue-black colour with starch appears; vitamin C (ascorbic acid) in juice or tablets is the favourite classroom example because the result links directly to nutrition. In the reverse arrangement, iodine is titrated with sodium thiosulphate and starch is added near the end, once the solution has faded to pale yellow, so that the blue colour disappears sharply.

The solution fits naturally into a titration kit for school and college students working through redox titrations. The same bottle also serves the blue-black starch test in food and enzyme practicals and can supply iodine for the iodoform test.

Iodine attacks rubber and slowly escapes from loosely closed bottles, so use a burette with a glass stopcock and keep the solution tightly stoppered in amber glass away from light and heat. Check its strength against sodium thiosulphate before exact quantitative work. It stains skin and clothing brown; wear gloves, and wipe up spills with a little thiosulphate solution, which decolourises iodine.

Supplier

Iodine Solution N/10 is supplied by **Jain Scientific Equipments Private Limited**, a Haryana comp
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