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

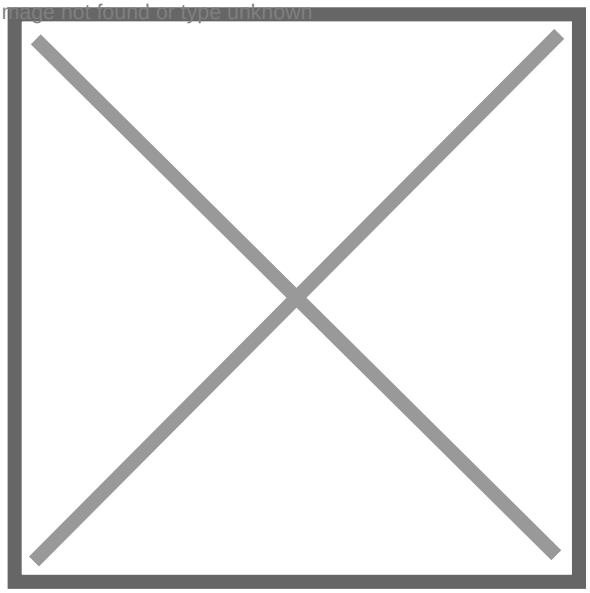
Product Name :

EDTA N/10

Product Code :

SCL-835/161

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Description :

EDTA N/10 (Product Code: SCL-835/161) is a ready-made EDTA (ethylenediaminetetraacetic acid) titrant solution used for complexometric titrations, above all the determination of water hardness, in chemistry laboratories. Environmental and engineering chemistry courses use this 500ml analytical reagent solution, supplied with an MSDS, to save weighing and dissolving the salt themselves. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India, together with a wide range of chemistry lab equipment in India.

Specifications

Parameter	Detail
Product code	SCL-835/161
Solution	EDTA, labelled N/10
Grade	Analytical reagent
Volume	500ml
Documentation	Supplied with MSDS
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.
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is EDTA N/10 Used For?

To find the total hardness of a water sample, a measured volume is pipetted into a conical flask, an ammonia buffer and a few drops of Eriochrome Black T indicator are added, and EDTA is run in from a burette. The wine-red colour caused by calcium and magnesium turns clear blue once EDTA has captured all of these ions, and the titre gives the hardness. The experiment is a staple of environmental chemistry and engineering chemistry courses, and a bottle of standard EDTA is a sensible addition to any school titration kit that goes beyond acid-base work.

Beyond hardness, the solution is used to estimate metal ions such as calcium, magnesium and zinc in salts and pharmaceutical samples. For accurate results, check the strength against a standard metal-ion solution when a new bottle is opened, rinse the burette with a little EDTA first, and keep the bottle tightly capped between sessions.

Supplier

EDTA N/10 is supplied by Jain Scientific Equipments Private Limited, the Ambala, Haryana company behind the ScienceLab trade name. It sources standard solutions and titration reagents for schools, colleges, engineering institutes and laboratories in India and international markets, and can quote them with the burettes and flasks the titration needs. The company profile has the details.

Related Chemistry Lab Products

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