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

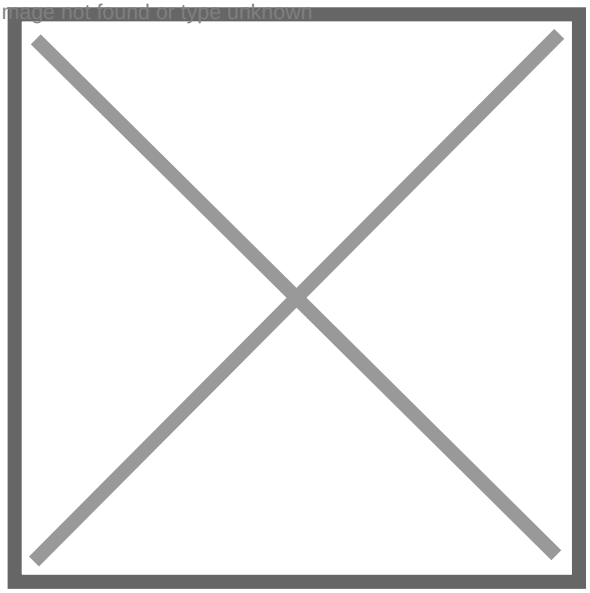
Product Name :

Ceric Ammonium Nitrate

Product Code :

SCL-807/148

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Description :

Ceric Ammonium Nitrate (Product Code: SCL-807/148) is a solid cerium(IV) salt and strong oxidising agent used for the ceric ammonium nitrate test for alcohols and for redox work inschool, college and research chemistry laboratories. Organic chemistry classes value it becauseonly a pinch is needed per test, and it is packed as a 100 gm analytical reagent with an MSDS. Itis supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India, a chemistry consumables supplier for teaching laboratories.

Specifications

Parameter	Detail
Reagent	Ceric ammonium nitrate (ammonium cerium(IV) nitrate)
Grade	Analytical reagent
Net quantity	100 gm
Safety data	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.
Product code	SCL-807/148
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is Ceric Ammonium Nitrate Used For?

For the functional-group test, a small amount of the salt is dissolved in dilute nitric acid to give a yellow-orange reagent. A few drops of an unknown liquid are added: a change to red indicates an alcohol, whereas phenols tend to give a dark brown or greenish precipitate instead. Because only a pinch is needed per class set, a 100 gm pack goes a long way in a teaching laboratory. In higher-level work the same compound is used as a one-electron oxidant and in cerimetric titrations against iron(II) solutions.

As an oxidiser, it should be stored apart from organic solvents, paper and other combustibles, ideally on a separate shelf of a chemistry reagent cabinet. Weigh it with a clean, dry spatula, reseal the container promptly, and make up the test reagent fresh for each practical session so that results stay reliable.

Supplier

Operating as ScienceLab, Jain Scientific Equipments Private Limited is an Ambala, Haryana company that supplies teaching chemicals such as this oxidant to schools and colleges in India and international markets. Buyers can combine reagents and glassware in one enquiry. Visit the ScienceLab profile page to learn more.

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