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

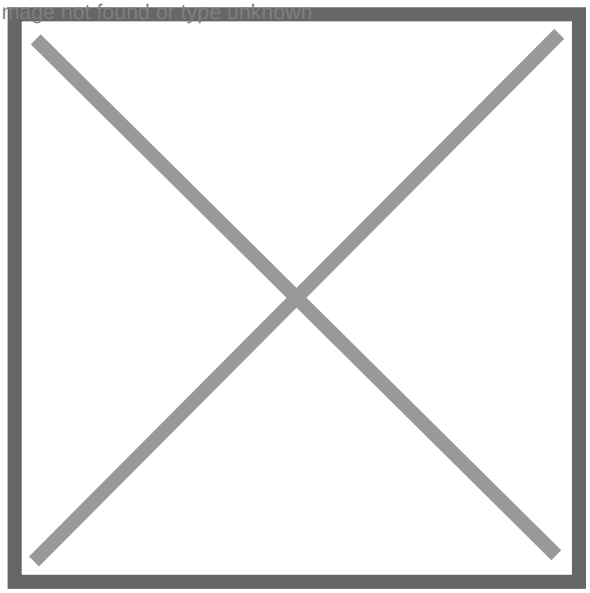
Product Name :

Sulfocianur Ammonium

Product Code :

SCI-731/321

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Description :

Sulfocianur Ammonium (Product Code: SCI-731/321), also known as ammonium thiocyanate or ammonium sulfocyanide, is an analytical reagent grade salt used to detect iron(III) ions and to demonstrate endothermic processes in school and college chemistry laboratories. It comes as a 100 g pack with its MSDS. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India, which stocks it as a lab chemicals supplier in India and for international buyers.

Specifications

Parameter	Detail
Grade	Analytical reagent
Pack capacity	100 g
Other names	Ammonium thiocyanate, ammonium sulfocyanide
MSDS	Supplied with the product
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	SCI-731/321
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is Sulfocianur Ammonium Used For?

Its best-known use is the thiocyanate test for iron(III): a few drops of the solution turn any liquid containing iron(III) ions blood-red, sensitive enough to reveal traces of iron in water samples or dissolved rust. Iron(II) gives no strong colour until it is oxidised, so the same test helps students tell the two oxidation states of iron apart.

Ammonium thiocyanate dissolves in water with a noticeable fall in temperature, and when the dry salt is mixed with solid barium hydroxide octahydrate the reaction absorbs so much heat that a wet beaker can freeze to a wooden board — a memorable endothermic demonstration for the teacher to run in a ventilated room, because ammonia is released. In analytical chemistry it is also the titrant in Volhard's method for silver, with an iron(III) salt as the indicator.

What to Specify When Ordering

- The number of 100 g packs each laboratory needs.
- The main use (iron(III) test, endothermic demonstration or Volhard titration), so matching reagents can be quoted.
- That the ammonium salt is the one you want, because potassium and sodium thiocyanate are listed separately.
- Companion items such as an iron(III) salt for practising the red colour test.

Supplier

Jain Scientific Equipments Private Limited, which trades as ScienceLab, supplies Sulfocianur Amm
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