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

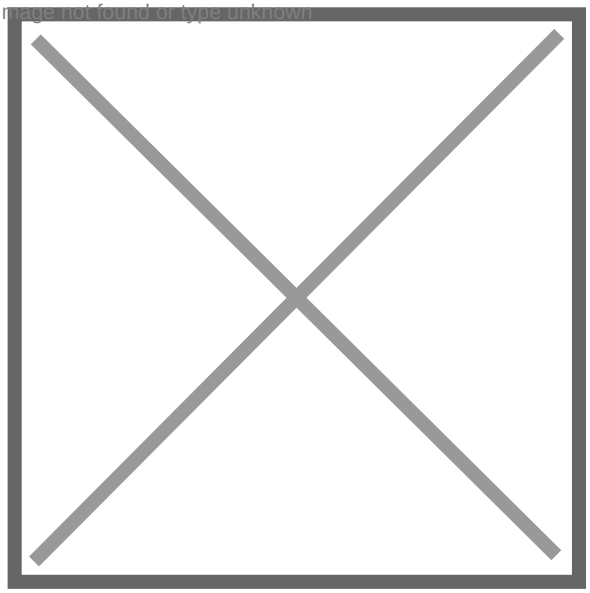
Product Name :

Ferricianur Potassium

Product Code :

SCI-513/221

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Description :

Ferricianur Potassium (Product Code: SCI-513/221) is potassium ferricyanide, an analytical reagent grade iron-cyanide complex salt used to detect iron(II) ions and to reveal where iron rusts in school and college chemistry laboratories. It comes as a 100 g pack with its MSDS; the catalogue name is a non-English spelling of potassium ferricyanide. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India.

Specifications

Parameter	Detail
Chemical identity	Potassium ferricyanide (potassium hexacyanoferrate(III)), K3[Fe(CN)6]
Grade	Analytical reagent
Pack size	100 g
MSDS	Supplied with the pack
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-513/221
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is Potassium Ferricyanide Used For?

In qualitative inorganic analysis, a few drops of potassium ferricyanide solution added to a solution containing iron(II) ions give an intense dark blue precipitate (Turnbull’s blue), while iron(III) ions give only a brown colour. This lets students tell ferrous from ferric salts in seconds, a standard confirmatory step in the salt analysis practicals that school and college syllabuses include.

In corrosion lessons, the reagent is mixed with phenolphthalein in salt water or agar gel to make ferroxyl indicator: blue patches appear where iron dissolves and pink patches where hydroxide ions form, mapping the anodic and cathodic areas on a nail. Its light-sensitive iron chemistry is also the basis of cyanotype (blueprint) images in art-and-science projects. Never heat it strongly or mix it with concentrated acids, which can release hydrogen cyanide; wear gloves and goggles and follow the MSDS.

Supplier

ScienceLab is the trading name of **Jain Scientific Equipments Private Limited**, which supplies Ferricianur Potassium from Ambala, Haryana, as part of its range of reagents for inorganic analysis. Iron salts, test-tube racks and dropping bottles for the same practical can be added to one quotation. Read more about the company on the ScienceLab profile page.

Related Laboratory Equipment

Iron-i

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