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

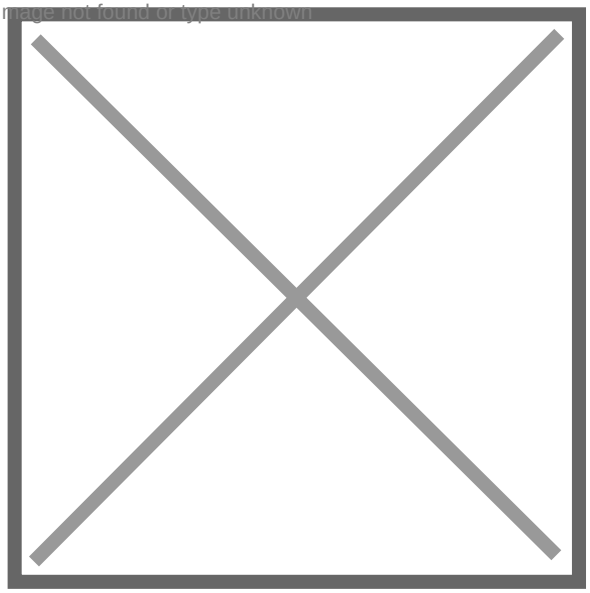
Product Name :

Sulfanilic Acid

Product Code :

SCI-453/191

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Description :

Sulfanilic Acid (Product Code: SCI-453/191) is an analytical reagent grade aromatic sulfonicacid used to make azo dyes and to test for nitrite in college organic and analytical chemistrypracticals. Lecturers use it as the starting amine in diazotisation experiments, and this listing is a50 g pack supplied with an MSDS. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, a laboratory chemicals supplier in India for colleges, universities andschools.

Specifications

Parameter	Detail
Grade	Analytical reagent
Pack size	50 g
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.
Product code	SCI-453/191
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is Sulfanilic Acid Used For?

Sulfanilic acid is the classic starting material for dye synthesis in the teaching lab. Students treat it with sodium nitrite and hydrochloric acid in an ice bath to form a diazonium salt, then couple that salt with an aromatic amine or phenol to produce a brightly coloured azo compound — the same route used to prepare the indicator methyl orange. The practical teaches electrophilic substitution, temperature control and product isolation by vacuum filtration.

In water and soil analysis, sulfanilic acid is one of the reagents in colour tests for nitrite, where the depth of the pink-red azo colour shows how much nitrite is present. Keep diazotisation mixtures cold, because diazonium salts decompose on warming, and wear goggles and gloves when weighing the solid. Ordering it from the same chemistry consumables supplier as the nitrite, acid and glassware keeps the whole practical on one enquiry.

Supplier

Sulfanilic Acid is sourced and supplied by Jain Scientific Equipments Private Limited, the company behind the ScienceLab name, for college, university and school laboratories in India and international markets. Organic chemistry departments can request one quotation covering the amine, the diazotising reagents and the glassware for a dye-making practical, and each chemical is dispatched with its MSDS.

Company details are on the ScienceLab profile.

Related Laboratory Equipment

Reag