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

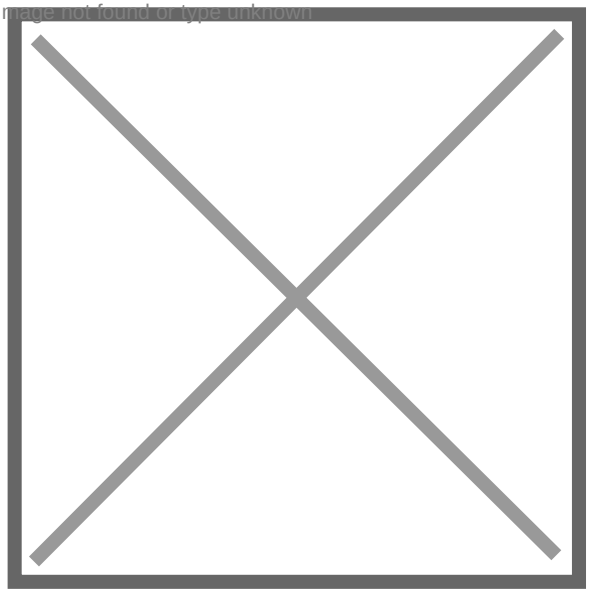
Product Name :

Aniline

Product Code :

SCI-461/195

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Science Lab

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Description :

Aniline (Product Code: SCI-461/195) is an analytical reagent grade aromatic amine used in college organic chemistry practicals to prepare acetanilide and azo dyes and to demonstrate the reactions of primary aromatic amines. Organic chemistry lecturers and senior students work withit under supervision, and this listing is a 100 ml pack supplied with an MSDS. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India, a chemistry consumables supplier in India for colleges and institutes.

Specifications

Parameter	Detail
Grade	Analytical reagent
Pack size	100 ml
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-461/195
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is Aniline Used For?

Warmed with ethanoic anhydride, aniline is acetylated to acetanilide, which students recrystallise from hot water and identify by its melting point. Diazotised with sodium nitrite and hydrochloric acid in an ice bath and then added to alkaline 2-naphthol, it gives an orange-red azo dye — the standard test for a primary aromatic amine. With bromine water it forms an immediate white precipitate, showing how strongly the amino group activates the benzene ring.

Aniline is also weakly basic: it dissolves in hydrochloric acid as the anilinium salt and separates again when alkali is added, a simple way to teach acid–base extraction. It is toxic through the skin and by inhalation, so dispense it inside a chemical fume cupboard with goggles and chemical-resistant gloves, and keep the bottle closed and dark because the liquid darkens as it oxidises.

Supplier

Aniline for teaching and research labs is sourced by Jain Scientific Equipments Private Limited, which trades as ScienceLab, and supplied with its MSDS to colleges, universities and institutes in India and international markets. Departments running an organic synthesis course can combine the amine with the anhydride, nitrite, glassware and protective gloves in one quotation request.

Visit the ScienceLab profile for company details.

Related Laboratory Equipment

Reag