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

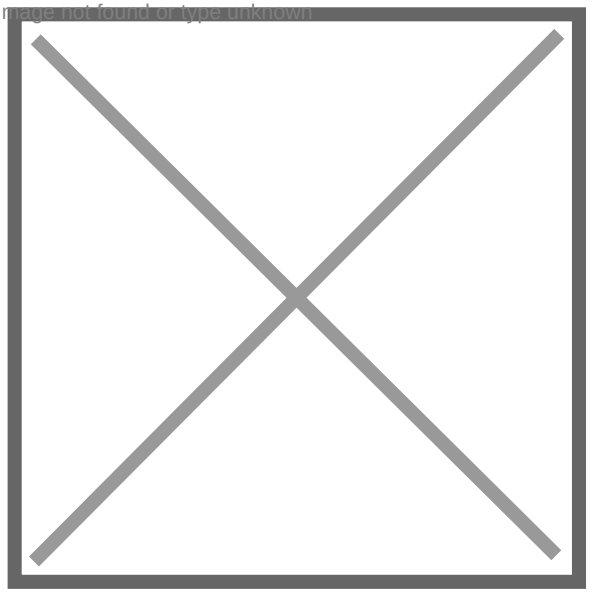
Product Name :

Activated Carbon

Product Code :

SCI-553/240

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Science Lab

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Description :

Activated Carbon (Product Code: SCI-553/240) is a highly porous form of carbon of analytical reagent grade, used to demonstrate adsorption, remove colour from solutions and model water purification in school and college laboratories. Its huge internal surface is what traps dye molecules, and it is supplied as a 25 g pack with an MSDS. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India, a lab consumables supplier in India for schools, colleges and dealers.

Specifications

Parameter	Detail
Grade	Analytical reagent
Net quantity	25 g
MSDS	Provided with each 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-553/240
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is Activated Carbon Used For?

Shake a dilute solution of a coloured dye such as methyl violet with a spatula of activated carbon, filter it, and the filtrate comes through almost colourless: the dye has been adsorbed onto the carbon surface rather than dissolved in it. Repeating the test with different amounts of carbon or contact times turns a simple demonstration into an investigation of adsorption. The same principle explains how carbon is used to decolourise sugar syrups and crude organic products before recrystallisation.

Packed into a small column or a filter funnel lined with filter paper, activated carbon also models the carbon stage of a household water filter or treatment plant, removing colour and odour from dyed or muddy water. The material is dusty and stains benches and clothing, so weigh it on a tray and keep the container closed. Store it away from solvents and gases, which it readily adsorbs.

Supplier

Jain Scientific Equipments Private Limited trades as ScienceLab and supplies Activated Carbon from Ambala, Haryana, for adsorption and separation practicals. Institutions can combine it with filter paper, funnels and indicator dyes in a single order. Company details are available on the ScienceLab profile page.

Related Laboratory Equipment

An adsorption or decolourising practical with Activated Carbon usually uses: