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

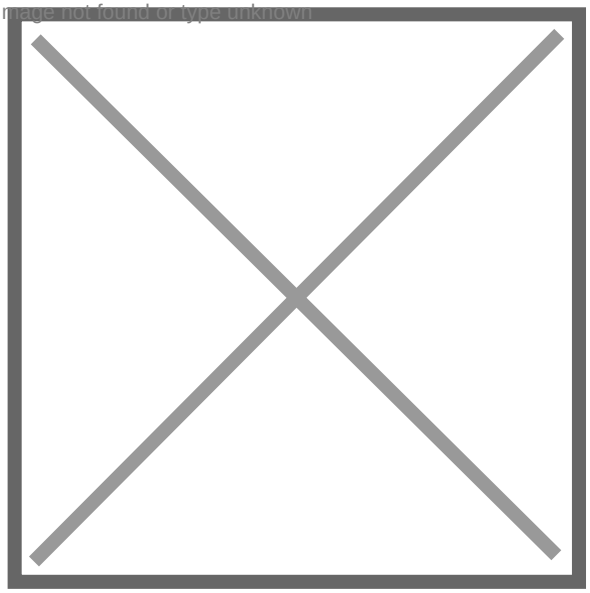
Product Name :

Benzoic Acid

Product Code :

SCI-431/180

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Science Lab

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Description :

Benzoic Acid (Product Code: SCI-431/180) is an analytical reagent grade aromatic carboxylic acid used for recrystallisation, titration and melting-point experiments in school and college chemistry laboratories. It is packed in 100 g quantities for teaching labs and comes with an MSDS for safe handling. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India, a laboratory chemicals supplier in India serving schools, colleges and institutions.

Specifications

Parameter	Detail
Chemical	Benzoic acid (benzenecarboxylic acid)
Grade	Analytical reagent
Capacity	100 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-431/180
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is Benzoic Acid Used For?

Benzoic acid is the textbook example for recrystallisation because it is far more soluble in hot water than in cold. Students dissolve an impure sample in the minimum of boiling water, filter it while hot and watch clean, plate-like crystals form as the solution cools. The dried crystals are then checked by melting point, where a sharp melting range indicates good purity.

As a weak acid it can be titrated against sodium hydroxide with phenolphthalein, and it sublimes on gentle heating, which makes it useful for demonstrating sublimation as a separation method. Wear eye protection when handling the powder, avoid breathing its dust and keep the container tightly closed; the MSDS supplied gives full handling and storage guidance.

Supplier

Jain Scientific Equipments Private Limited, trading as ScienceLab, supplies benzoic acid together with the flasks, funnels and melting-point apparatus used in the same practicals, so a laboratory can source its reagents and equipment through one enquiry. For vendor registration, the supplying company's details are GSTIN 06AAECJ8618A1ZT and LEI 3358004HRD1JIVXKYX49. Buyers in India and international markets are served. More about the company is on the ScienceLab profile page.

Related Laboratory Equipment

Recrystallisation and titration practicals with benzoic acid also need the following