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

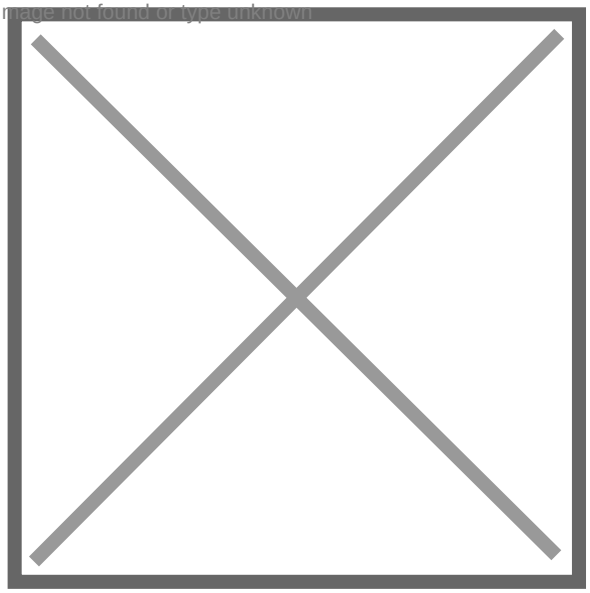
Product Name :

Butanol-1

Product Code :

SCI-475/202

Image not found or type unknown



Science Lab

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

Description :

Butanol-1 (Product Code: SCI-475/202) is an analytical reagent grade primary alcohol, also called 1-butanol or n-butanol, used to compare the alcohols of a homologous series, to prepare esters and as a solvent in paper chromatography in school and college chemistry laboratories. Chemistry teachers and biology departments running amino acid chromatography use this 100 ml pack, which comes with an MSDS. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India, a laboratory chemicals supplier in India.

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-475/202
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is Butanol Used For?

Burned in a spirit burner beneath a copper calorimeter, butanol raises the water temperature more per gram of fuel than methanol or ethanol, letting students link energy of combustion to chain length. It only partly mixes with water, unlike ethanol, which shows how a longer carbon chain lowers solubility. Warmed with acidified potassium dichromate it turns the orange solution green, the test for a primary alcohol, and with ethanoic acid and a few drops of concentrated sulfuric acid it forms the fruity-smelling ester butyl ethanoate.

Mixed with ethanoic acid and water, butanol makes the classic running solvent for separating amino acids on paper, which is why it belongs in a paper chromatography kit for school or college biology. It is a flammable liquid with a strong odour, so use it in a well-ventilated room away from flames, wear goggles, and keep the bottle capped.

Supplier

Jain Scientific Equipments Private Limited supplies Butanol-1 under the ScienceLab name to schools, colleges and research laboratories in India and international markets, sourcing it for teaching use and dispatching it with its MSDS. Departments can combine the alcohol with oxidising agents, chromatography paper and calorimetry apparatus on one enquiry.

Read more on the ScienceLab company profile.

Related Laboratory Equipment

Items