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

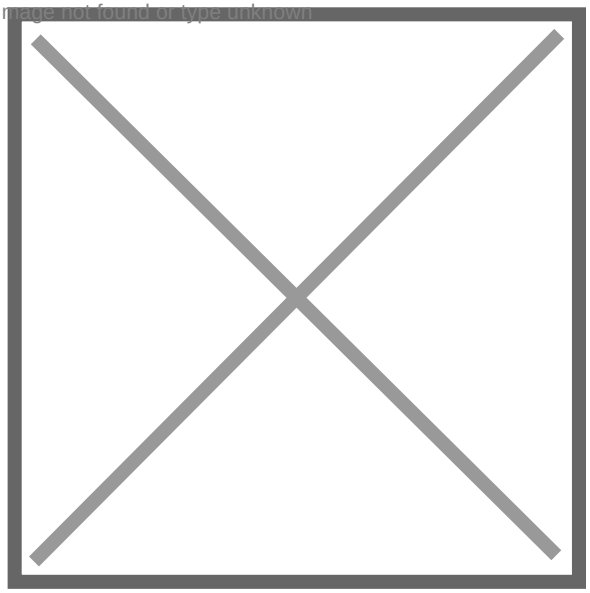
Product Name :

Bromothymol Blue

Product Code :

SCI-469/199

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Description :

Bromothymol Blue (Product Code: SCI-469/199) is an analytical reagent grade acid–base indicator dye, widely spelled bromothymol blue, used to show pH changes close to neutral in titrations and in carbon dioxide, photosynthesis and respiration experiments in school and college laboratories. Chemistry and biology teachers prepare indicator solution from this 25 g pack, which is supplied with an MSDS. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India, a chemistry consumables supplier in India.

Specifications

Parameter	Detail
Grade	Analytical reagent
Pack size	25 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-469/199
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is Bromothymol Blue Used For?

Bromothymol blue is yellow in acid, blue in alkali and green around neutral, so it suits titrations whose end point falls near neutral, such as a strong acid against a strong base. It is also a quick way to check whether water samples or simple buffers are slightly acidic or slightly alkaline, and it earns a place in any acid base indicator kit used for comparing indicators.

In biology, blowing exhaled air through a dilute blue solution turns it green and then yellow as dissolved carbon dioxide forms carbonic acid. With pondweed sealed in indicator solution, tubes kept in light drift back towards blue as photosynthesis removes carbon dioxide, while tubes kept dark turn yellow from respiration. Dissolve the solid in a little ethanol or very dilute alkali before diluting with water.

Supplier

The indicator is sourced and supplied by Jain Scientific Equipments Private Limited under its ScienceLab name to schools, colleges and laboratories in India and international markets, with the MSDS enclosed. Because a small amount of solid makes a large volume of working solution, institutions often order it with other indicators, dropper bottles and pH papers on the same enquiry.

Company information is on the ScienceLab profile.

Related Laboratory Equipment

Indica