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

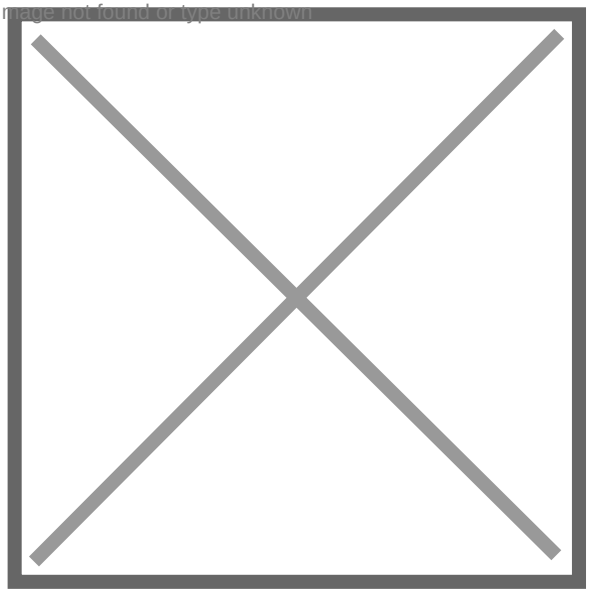
Product Name :

Sodium Bromide

Product Code :

SCL-955/220

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Description :

Sodium Bromide (Product Code: SCL-955/220) is a soluble bromide salt used as a source of bromide ions for anion analysis and halogen displacement experiments in school and college chemistry laboratories. Senior secondary and college students test it with silver nitrate and chlorine water, and the 500 gm pack is analytical reagent grade with an MSDS. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India, for schools stocking the reagents of a salt analysis kit for school practicals.

Specifications

Parameter	Detail
Product	Sodium Bromide
Capacity	500 gm
Grade	Analytical reagent
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	SCL-955/220
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is Sodium Bromide Used For?

In anion analysis, a solution of sodium bromide acidified with dilute nitric acid gives a pale cream precipitate with silver nitrate, which students compare with the white chloride and yellow iodide precipitates and test for solubility in ammonia. For the layer test, chlorine water is added to the bromide solution with a little carbon tetrachloride or carbon disulphide and shaken; the organic layer turns orange-brown as bromine is set free. This one tube shows that chlorine is more reactive than bromine, and repeating it with an iodide completes the displacement series for the halogens.

The salt itself is easy to handle, but the tests produce bromine and use chlorinated solvents, so perform them in small quantities in a fume cupboard or well-ventilated room, and collect the organic layers for proper disposal. Keep the container tightly closed, as the crystals slowly draw in moisture. Sodium bromide is a sensible addition to any halide set where students must identify ions in unknown mixtures.

Supplier

Sodium Bromide is supplied by **Jain Scientific Equipments Private Limited**, known by its trading name ScienceLab and located in Ambala, Haryana, India. The company sources inorganic reagents such as this so that schools and colleges can order the halide salts, test reagents and apparatus for anion analysis from a single source, in India and international mark

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