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

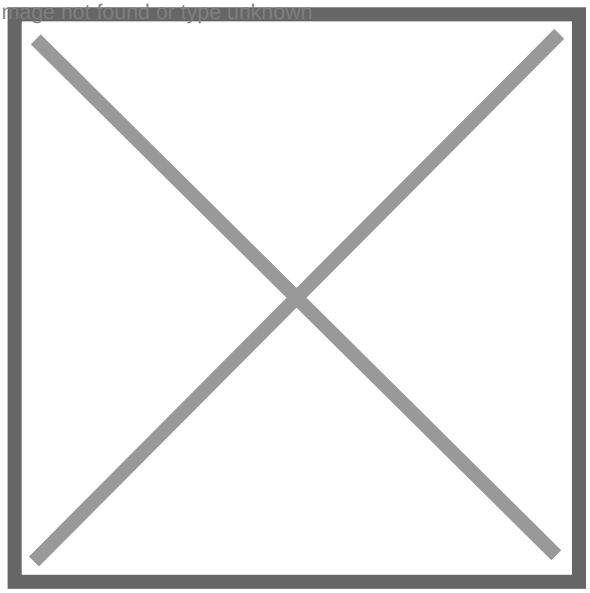
Product Name :

Sodium Tetraborate (Borax)

Product Code :

SCL382/091

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Description :

Sodium Tetraborate (Borax) (Product Code: SCL382/091) is a boron salt used as a primary standard in acid titrations, for the borax bead test, as a buffer and in crystal and polymer activities in school and college laboratories. It is supplied in a 200 g pack of analytical reagent grade with an MSDS, a practical quantity for volumetric analysis classes. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India.

Specifications

Parameter	Detail
Capacity (pack size)	200 g
Grade	Analytical reagent
Safety document	MSDS supplied with the 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	SCL382/091
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is Borax Used For?

In volumetric analysis, a carefully weighed amount of borax dissolved in water is titrated against hydrochloric acid with methyl orange or methyl red to find the exact strength of the acid, which is why borax appears in almost every volumetric analysis kit. In qualitative inorganic analysis, a wire loop dipped in borax and heated forms a clear, glassy bead. Touching the hot bead to a trace of a metal salt and reheating gives characteristic colours, such as blue for cobalt and green for chromium.

Teachers also use borax solution to cross-link polyvinyl alcohol into a stretchy polymer ‘slime’ when teaching polymers, and to grow crystals on pipe-cleaner shapes. Borax is harmful if swallowed, so avoid raising dust, keep it away from young children and food areas, wash hands after use and follow the supplied MSDS.

Supplier

Sodium Tetraborate (Borax) is sourced by Jain Scientific Equipments Private Limited, the company behind the ScienceLab brand in Ambala, Haryana, and supplied with its MSDS. We can bundle it with burettes, flasks and indicators for a complete titration set-up. Company details are on our company profile page.

Related Laboratory Equipment

Titration and bead-test practicals with Sodium Tetraborate (Borax) also use:

- Hydrochloric Acid — the acid standardised against borax