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Product Name :

Crucible with lid

Product Code :

SLE/CH/198



Description :

Crucible with lid (Product Code: SLE/CH/198) is a small white porcelain vessel with a matching cover, used to hold solids while they are heated strongly, ignited or dried to constant mass. Chemistry teachers, college demonstrators and analytical lab staff use it for gravimetricexercises, and it is made by **Jain Scientific Equipments Pvt Ltd (ScienceLab)** in Ambala aspart of its chemistry lab equipment in India.

Specifications

Parameter	Detail
Material	Porcelain
Colour	White
Capacity	30ml
Glazing	Glazed inside and outside, except the base
Chemical behaviour	Chemical resistant
Supplied with	Lid

Typical Use

In school and college practicals this crucible is used to find the water of crystallisation in a hydrated salt, to burn magnesium ribbon and record the gain in mass as the oxide forms, and to ash small organic samples. It sits in a pipe clay triangle on a tripod over a burner; the lid is held slightly ajar when air is needed for combustion and closed to reduce loss of material through spitting. Heat, cool and weigh the empty crucible and lid first so the tare mass is known, then repeat the heating and weighing of the sample until the mass stops changing.

Handle the hot crucible only with tongs, let it cool on a heat-resistant mat or in a desiccator before weighing, and never pour cold liquid into a hot crucible, because a sudden temperature change can crack porcelain. When planning a school laboratory setup in India, departments usually order crucibles in class quantities so that every group can run its own heating-to-constant-mass experiment.

Manufacturer

This crucible comes from Jain Scientific Equipments Private Limited, the company that trades as ScienceLab from Ambala, Haryana, and makes and supplies laboratory apparatus for schools, colleges and research labs. Purchase departments that need vendor registration details can note GSTIN 06AAECJ8618A1ZT and LEI 3358004HRD1JIVXKYX49. Read more on our company profile.

Related Chemistry Lab Equipment

A crucible is one part of a complete heating and weighing setup. These items are used with it in the sa