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

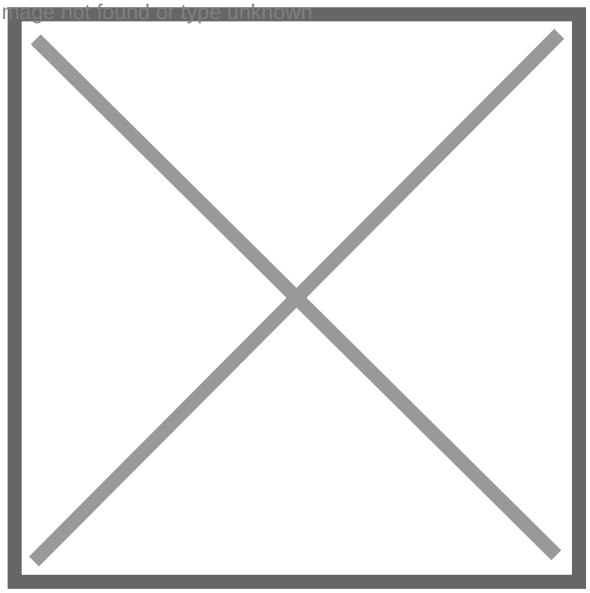
Product Name :

Lithium Chloride

Product Code :

SCI-599/260

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Description :

Lithium Chloride (Product Code: SCI-599/260) is an analytical reagent grade lithium chloride (LiCl) used to produce the crimson lithium flame and to study alkali metal chemistry in school and college laboratories. Teachers use it as the lithium sample in flame-test sets, and it is packed as 100 g with an MSDS. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India, which provides chemistry consumables to buyers in India and internationalmarkets.

Specifications

Parameter	Detail
Chemical	Lithium chloride, LiCl
Grade	Analytical reagent
Weight	100 g
Documentation	MSDS supplied
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-599/260
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is Lithium Chloride Used For?

A little lithium chloride on a clean nichrome or platinum wire, moistened with dilute hydrochloric acid and held in a non-luminous flame, gives an intense crimson-red colour. Setting it beside strontium, also red, and calcium, brick-red, helps students learn to tell similar colours apart, and viewing the flames through a hand spectroscope shows each metal's own line spectrum.

Lithium chloride is one of the most water-soluble and hygroscopic common salts, a good example when discussing how lithium differs from sodium and potassium, and the reason lithium salts are used to control humidity. Keep the lid firmly closed so the powder does not absorb moisture and clump, and avoid swallowing or inhaling the dust, as lithium salts are harmful if ingested.

Supplier

Schools building a flame-test collection can order Lithium Chloride from ScienceLab, the name under which Jain Scientific Equipments Private Limited, Ambala, supplies reagents and laboratory apparatus. The other chlorides and burners used in flame tests are listed in the same catalogue, so a complete set can go on one enquiry. Company details are on the ScienceLab profile.

Related Laboratory Equipment

Salts and apparatus for a flame-test comparison with lithium chloride: