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

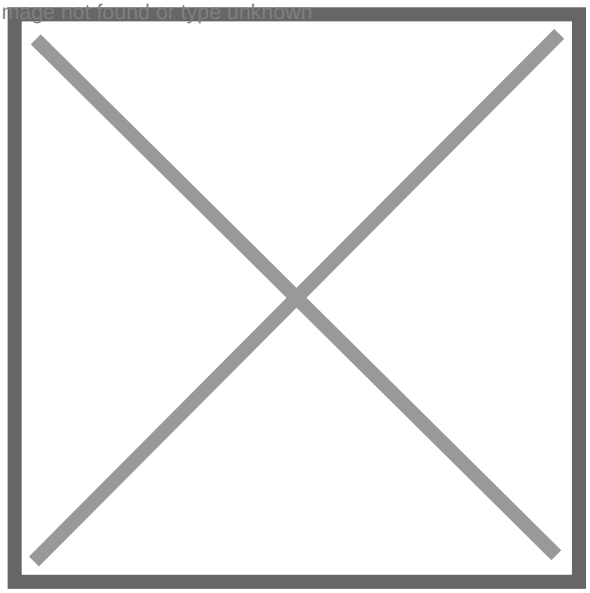
Product Name :

Cadmium Chloride

Product Code :

SCI-597/259

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Science Lab

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Description :

Cadmium Chloride (Product Code: SCI-597/259) is an analytical reagent grade cadmium chloride ($CdCl_2$) used to provide cadmium ions for qualitative inorganic analysis in college and advanced chemistry laboratories. Because cadmium compounds are highly toxic and carcinogenic, it is meant for supervised work by trained staff and is packed in a modest 100 g quantity with an MSDS. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, a laboratory chemicals supplier in India.

Specifications

Parameter	Detail
Chemical	Cadmium chloride, $CdCl_2$
Grade	Analytical reagent
Quantity	100 g
Safety data	MSDS supplied; read before handling
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-597/259
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is Cadmium Chloride Used For?

In qualitative analysis, cadmium belongs to cation Group II: in acidic solution, hydrogen sulfide or a sulfide reagent precipitates bright yellow cadmium sulfide, which distinguishes it from the black sulfides of copper and lead. With ammonia, cadmium first gives white cadmium hydroxide that dissolves in excess to form a colourless ammine complex, a useful contrast with the deep blue copper complex.

Advanced courses also use cadmium salts in electrochemistry work on electrode potentials. Cadmium compounds are toxic by inhalation and ingestion, are classed as carcinogens and are very toxic to aquatic life, so handle the salt in a fume cupboard with gloves and goggles, keep quantities small and send all residues for hazardous-waste disposal.

Supplier

Institutions buying hazardous salts such as cadmium chloride often need full vendor details on file before ordering. Cadmium Chloride is supplied by Jain Scientific Equipments Private Limited, which trades as ScienceLab from Ambala; for vendor registration, the supplying company is identified by CIN U29309HR2020PTC087597 and GSTIN 06AAECJ8618A1ZT. Read about the company on the ScienceLab profile.

Related Laboratory Equipment

Reag

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