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

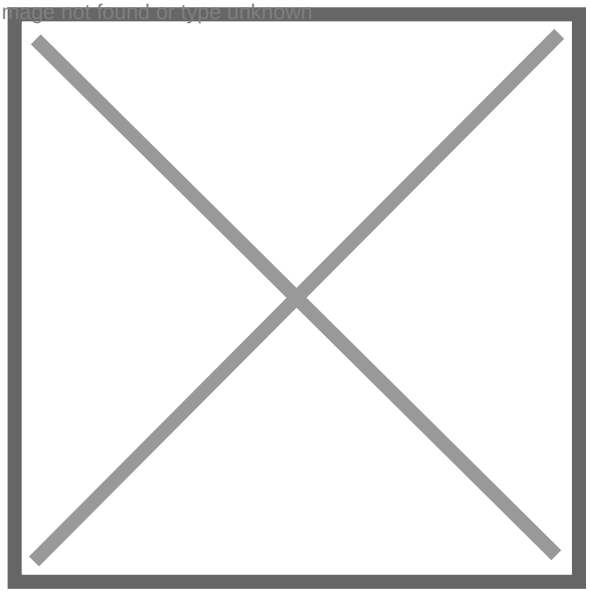
Product Name :

Mercuric Chloride

Product Code :

SCL-890/188

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Description :

Mercuric Chloride (Product Code: SCL-890/188) is mercury(II) chloride, a highly toxic inorganic salt used for the tin(II) confirmatory test and for preparing Nessler's reagent in college and university chemistry labs. The small 100 gm analytical reagent pack, sent with an MSDS, suits a chemical that is used a few drops at a time and kept under strict control. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, a laboratory chemicals supplier in India, to institutions with trained laboratory staff.

Specifications

Parameter	Detail
Chemical	Mercuric chloride (mercury(II) chloride), $HgCl_2$
Capacity	100 gm
Grade	Analytical reagent
Safety documentation	Supplied with MSDS
Hazard	Highly toxic – for trained staff only; store locked
Shelf life	Shelf life depends on the chemical, its grade and storageconditions; ask us for the expiry date of the batch you are quoted.
Product code	SCL-890/188
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is Mercuric Chloride Used For?

In the analysis of Group II cations, a few drops of mercuric chloride solution added to a tin(II) solution give a silky white precipitate of mercurous chloride, which turns grey or black as more tin(II) reduces it to mercury – a clear confirmatory test for stannous ions. Laboratories that make their own Nessler's reagent start from mercuric chloride and potassium iodide in alkaline solution; the finished reagent reveals ammonia and ammonium ions in water analysis as a yellow to brown colour. Adding potassium iodide solution drop by drop to mercuric chloride also demonstrates a scarlet precipitate of mercury(II) iodide that dissolves again in excess iodide.

Mercuric chloride is highly toxic if swallowed, if its dust is inhaled or if it is absorbed through the skin, and it damages the kidneys and the environment. For that reason many schools buy ready-made Nessler's reagent rather than keeping the solid. Where it is held, keep it in a locked chemistry reagent cabinet with a usage log, weigh it only inside a fume cupboard wearing nitrile gloves and eye protection, and collect every residue as mercury waste for a licensed disposal service.

Supplier

Mercuric Chloride is supplied by **Jain Scientific Equipments Private Limited**, which trades as **ScienceLab** from Ambala, Haryana, India, and sources restricted reagents like this for institu
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