Email : sales@scilabexport.com
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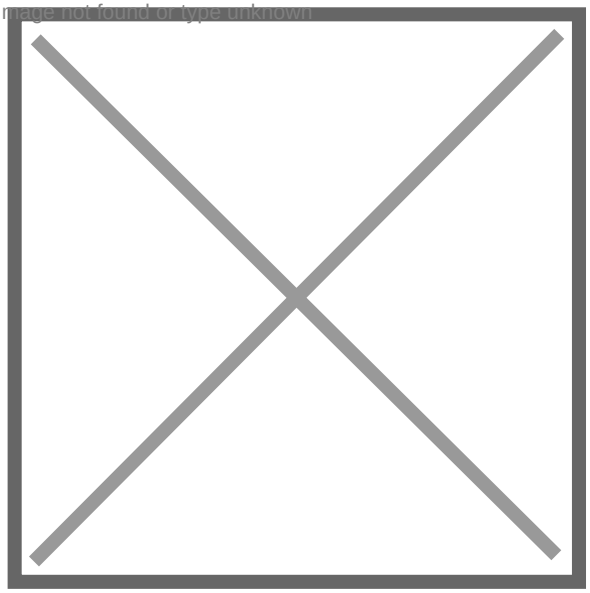
Product Name :

Cobalt Chloride

Product Code :

SCL376/093

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Description :

Cobalt Chloride (Product Code: SCL376/093) is an analytical reagent grade salt used to prepare blue-to-pink moisture indicator papers for detecting water in school and college biology practicals. Packed as 100 gm with its MSDS, it lets teachers make their own strips for comparing water loss from the two surfaces of a leaf, the base chemical of a home-made transpiration experiment kit in India's school labs. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, a laboratory chemicals supplier in India.

Specifications

Parameter	Detail
Product	Cobalt Chloride
Grade	Analytical reagent
Pack size	100 gm
Documentation	Supplied with MSDS
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	SCL376/093
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is Cobalt Chloride Used For?

To make indicator paper, strips of filter paper are soaked in cobalt chloride solution and dried until fully blue, then kept in a desiccator until needed. In the classic transpiration practical, one strip is held against the upper surface of a leaf and another against the lower surface, each covered with a glass slide and clipped in place. Students time how long each strip takes to turn pink and relate the difference to the number of stomata on each surface.

The same papers confirm that a colourless liquid is water, a routine test in botany and general science. Cobalt compounds are toxic and can irritate or sensitise skin, so prepare the solution and strips wearing gloves, avoid raising dust and wash hands afterwards. The solid readily takes up moisture from the air, so reseal the container quickly after weighing and keep it dry as the MSDS advises.

Supplier

ScienceLab is the trading name of **Jain Scientific Equipments Private Limited**, an Ambala, Haryana company that supplies laboratory reagents such as cobalt chloride together with glassware and teaching apparatus to schools, colleges and distributors. For vendor registration, the supplying company is Jain Scientific Equipments Private Limited (CIN U29309HR2020PTC087597, GSTIN 06AAECJ8618A1ZT). Read our company profile for more.

Related Biology Lab Products

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