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

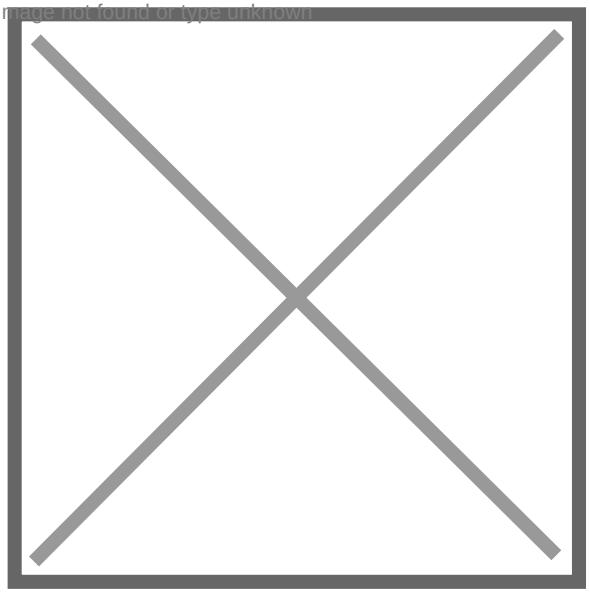
Product Name :

Chromium Oxide (VI)

Product Code :

SCI-671/294

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Science Lab

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Description :

Chromium Oxide (VI) (Product Code: SCI-671/294) is analytical reagent grade chromium(VI) oxide, also called chromium trioxide, a strong oxidising agent used for oxidation reactions and alcohol tests in college and university chemistry labs. It is listed in a 100 g pack and comes with an MSDS, which should be read before use because chromium(VI) compounds are toxic. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, a laboratory chemicals supplier in India, alongside the glassware and safety items that such work needs.

Specifications

Parameter	Detail
Chemical	Chromium(VI) oxide (chromium trioxide), CrO_3
Grade	Analytical reagent
Capacity	100 g
Safety data	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	SCI-671/294
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is Chromium Trioxide Used For?

In organic chemistry, chromium(VI) oxide in aqueous sulfuric acid forms the Jones reagent, which oxidises primary alcohols towards carboxylic acids and secondary alcohols to ketones. As it reacts, the orange-red chromium(VI) is reduced to green chromium(III), so the colour change also serves as a test that separates primary and secondary alcohols from tertiary ones, which do not react under these conditions.

In inorganic lessons it illustrates the highest oxidation state of chromium and the colour change between the +6 and +3 states. It is a powerful oxidiser that can ignite paper, alcohols or solvents on contact, and chromium(VI) compounds are classed as carcinogens. Use it only under trained supervision in a fume cupboard, with goggles and chemical-resistant gloves, and collect chromium waste separately for disposal as the MSDS directs.

What to Specify When Ordering

- The number of 100 g packs your department needs.
- Companion items such as dilute sulfuric acid, chemical-resistant gloves or a fume cupboard.
- The delivery destination, since oxidising and toxic chemicals are subject to transport restrictions.
- Any vendor-registration or tender documents your institution requires.

Supplier

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