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

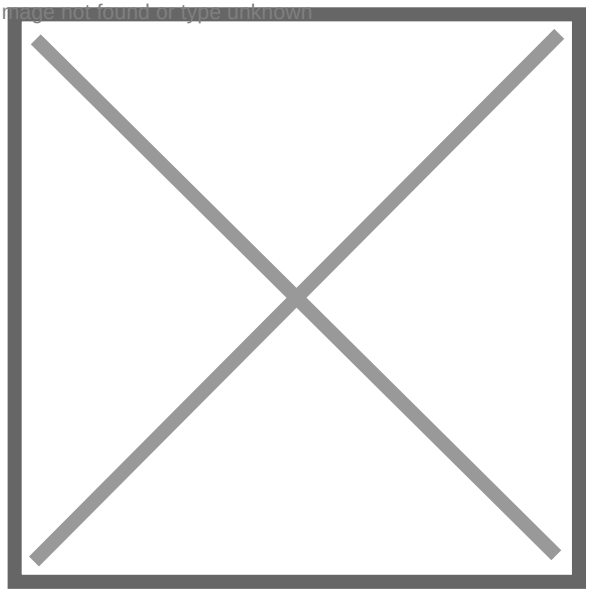
Product Name :

Manganese Oxide (IV) (Manganese)

Product Code :

SCI-675/296

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Science Lab

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Description :

Manganese Oxide (IV) (Manganese) (Product Code: SCI-675/296) is analytical reagent grade manganese(IV) oxide, better known as manganese dioxide, used as a catalyst and oxidising agent in school and college chemistry laboratories. Its 200 g pack suits labs that run oxygen and chlorine preparations for several practical groups, and each supply comes with an MSDS. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India, a laboratory chemicals supplier in India.

Specifications

Parameter	Detail
Chemical name	Manganese(IV) oxide (manganese dioxide), MnO_2
Grade	Analytical reagent
Pack size	200 g
Documentation	Material Safety Data Sheet (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-675/296
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is Manganese Dioxide Used For?

Its most familiar job is as the catalyst in the laboratory preparation of oxygen. A spatula-tip of the dark powder added to hydrogen peroxide releases a steady stream of oxygen that can be collected over water with a simple gas collection apparatus, and the oxide can be filtered off afterwards, showing that a catalyst is not used up. It also speeds up the thermal decomposition of potassium chlorate in the older oxygen preparation.

As an oxidising agent, manganese dioxide warmed with concentrated hydrochloric acid liberates chlorine, so that preparation belongs in a fume cupboard. Teachers also use it to explain the dry cell, where it surrounds the carbon rod and acts as the depolariser. Weigh it with a clean spatula, avoid raising dust, and close the container straight after use.

What to Specify When Ordering

- Product code SCI-675/296 and the number of 200 g packs required
- Whether this 200 g pack or the separate manganese dioxide listing in our range better matches your usage
- Companion reagents such as hydrogen peroxide or hydrochloric acid to quote on the same order
- Your delivery location and whether you want the batch expiry date stated on the quotation

Supplier

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