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Product Name :

Potassium Permanganate

Product Code :

SCI-560/163

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Description :

Potassium Permanganate (Product Code: SCI-560/163) is an analytical reagent grade oxidising agent used for redox titrations, diffusion demonstrations and oxygen preparation in school and college chemistry labs. Its intense purple colour lets it act as its own indicator in titrations, and it is supplied in a 200 g pack with an MSDS. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India.

Specifications

Parameter	Detail
Grade	Analytical reagent
Capacity	200 g
Safety data	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-560/163
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is Potassium Permanganate Used For?

In volumetric analysis, potassium permanganate solution in a burette is run into acidified ferrous ammonium sulfate or oxalic acid solution; the purple colour vanishes until the end point, when a faint permanent pink shows that all the reducing agent has reacted, so no separate indicator is needed. It is a core reagent in any titration kit for school or college practical examinations.

A single crystal dropped into still water shows diffusion as purple streaks spread out, and a crystal placed at the edge of a heated beaker traces convection currents. Heating the solid releases oxygen, and dilute alkaline permanganate (Baeyer's reagent) tests for carbon-carbon double bonds. It is a strong oxidiser that stains skin and clothing brown, so keep it away from glycerin, alcohols and other organic matter, with which it can ignite.

What to Specify When Ordering

- The number of 200 g packs needed for the year's titration practicals.
- Whether the separate, larger Potassium Permanganate listing suits bulk use.
- Burettes, conical flasks and ferrous ammonium sulfate to complete the titration sets.

Supplier

ScienceLab is the trading name of Jain Scientific Equipments Private Limited, which sources Potassium Permanganate for teaching and analytical laboratories and ships it with its MSDS alongside burettes, flasks and other titration items. Institutional buyers completing vendor registration can use the company's CIN U29309HR2020PTC087597 and GSTIN 06AAECJ8618A1ZT. The [ScienceLab profile](#) has more background.

Related

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Reagents

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