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

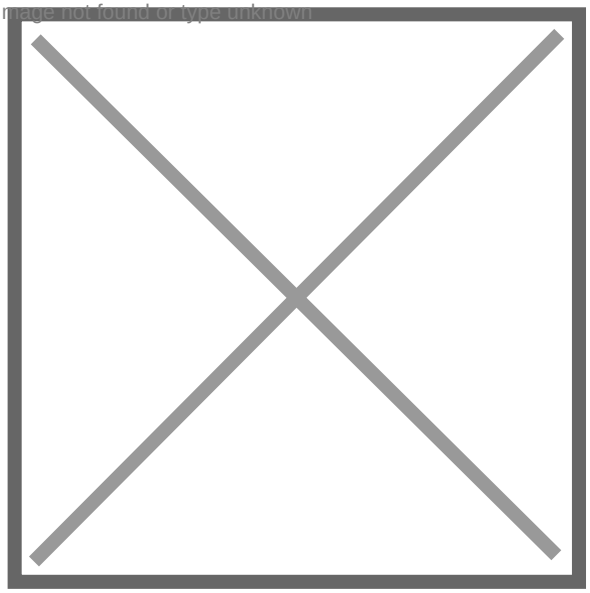
Product Name :

Potassium Dichromate

Product Code :

SCI-485/207

Image not found or type unknown



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

Description :

Potassium Dichromate (Product Code: SCI-485/207) is an analytical reagent grade oxidising agent used for redox titrations and for identifying alcohols and reducing agents in school, college and university chemistry laboratories. Teachers running volumetric analysis practicals order it asa 100 g pack supplied with its MSDS. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India.

Specifications

Parameter	Detail
Grade	Analytical reagent
Pack size	100 g
MSDS	Included with the pack
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-485/207
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is Potassium Dichromate Used For?

In volumetric analysis, potassium dichromate is a classic titrant for iron(II): a standard solution oxidises ferrous ammonium sulphate in dilute sulphuric acid, and a redox indicator such as diphenylamine marks the end point. Because the solid does not absorb moisture and gives a stable solution, teachers often prepare the standard by direct weighing — confirm the assay of your batch before relying on this.

Acidified potassium dichromate is also the reagent for classifying alcohols: primary and secondary alcohols turn the orange solution green as chromium(VI) is reduced to chromium(III), while tertiary alcohols leave it unchanged. The same colour change detects sulphur dioxide. It is toxic and carcinogenic, so use gloves, goggles and small volumes and collect chromium waste separately — precautions that belong in any titration kit prepared for students.

Supplier

Jain Scientific Equipments Private Limited, trading as ScienceLab, supplies Potassium Dichromate together with the burettes, conical flasks and partner reagents that redox titrations require. The Ambala, Haryana company works with schools, colleges, testing laboratories and dealers throughout India and international markets. Learn more on the ScienceLab profile page.

Related Laboratory Equipment

For dichromate titrations and alcohol tests, laboratories usually order these alongside Potassium Dichromate:

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