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

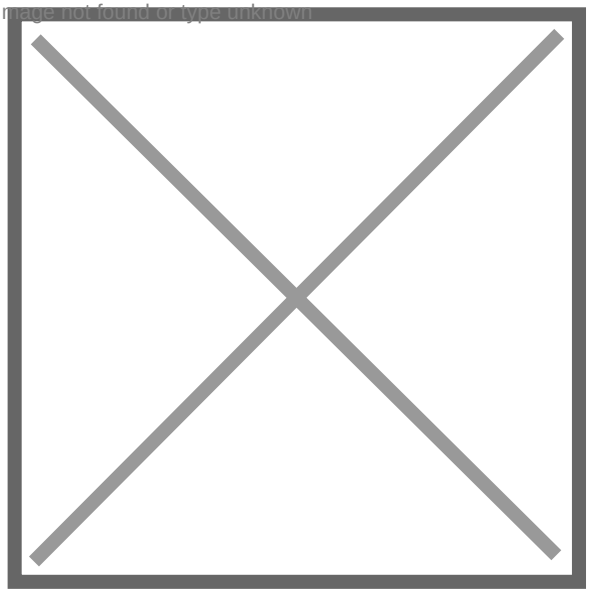
**Product Name :**

Potassium Chromate

**Product Code :**

SCI-609/265

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Science Lab

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# Description :

**Potassium Chromate** (Product Code: SCI-609/265) is an analytical reagent grade potassium chromate ($K_2CrO_4$) used as the indicator in Mohr's titration of chloride and as a precipitating reagent for lead, barium and silver ions in college and senior school laboratories. The yellow salt comes in a 100 g pack with an MSDS, and as a chromium(VI) compound it needs careful handling. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India.

## Specifications

| Parameter | Detail |
|---|---|
| Chemical | Potassium chromate, $K_2CrO_4$ |
| Grade | Analytical reagent |
| Pack quantity | 100 g |
| MSDS | Supplied 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-609/265 |
| Supplied by | Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India |

## What Is Potassium Chromate Used For?

In Mohr's method, a few drops of potassium chromate solution are added to a neutral chloride sample, which is then titrated with standard silver nitrate. White silver chloride precipitates first; once all the chloride is used up, the next drop of silver nitrate forms red-brown silver chromate, marking the end point. The titration is used for chloride in water, salt and food samples in teaching and testing laboratories.

As a precipitating reagent, chromate gives yellow lead chromate, yellow barium chromate and red-brown silver chromate, useful confirmatory tests in salt analysis. Adding acid turns the yellow solution orange as dichromate forms, a simple demonstration of a shifting equilibrium. Chromium(VI) compounds are toxic, carcinogenic and skin sensitisers, so use gloves and goggles, avoid dust and collect waste for hazardous disposal.

## Supplier

Schools and colleges setting up volumetric analysis often buy Potassium Chromate together with silver nitrate and burettes, and ScienceLab, the trading name of Jain Scientific Equipments Private Limited, Ambala, supplies all three. Laboratory dealers can also source the indicator for resale to institutions. For company information, visit the ScienceLab profile.

## Related Laboratory Equipment

Items used with potassium chromate in Mohr titrations and chromate tests: