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Product Name :

Potassium Meta Bisulphite

Product Code :

SCL-935/210

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Description :

Potassium Meta Bisulphite (Product Code: SCL-935/210), often shortened to KMS, is a white salt used as a preservative and as a laboratory source of sulphur dioxide in chemistry, home science and food technology labs. It releases sulphur dioxide when it meets acid, and each 250 gm pack is analytical reagent grade with an MSDS. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India, together with the school chemistry lab equipment in India that the company provides.

Specifications

Parameter	Detail
Product	Potassium Meta Bisulphite (KMS)
Pack size	250 gm
Grade	Analytical reagent
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	SCL-935/210
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is Potassium Meta Bisulphite Used For?

In food science and home science practicals, students add a measured pinch of KMS to fruit juices, squashes or pulp and compare how long treated and untreated samples take to ferment or grow mould, which demonstrates chemical preservation in a way that is easy to observe. In chemistry, a little of the salt warmed with dilute hydrochloric acid generates sulphur dioxide, which students identify by its sharp smell and by its ability to decolourise acidified potassium permanganate. The same reducing action explains why KMS is used to sterilise fermentation equipment and to stop browning of cut fruit.

Carry out the gas-generation test in a fume cupboard or near an open window, as sulphur dioxide irritates the airways and can trouble people with asthma. Keep the pack sealed and dry; damp salt slowly loses sulphur dioxide and becomes weaker. Buying from a lab consumables supplier in India that also stocks sodium benzoate lets a class compare two common preservatives side by side.

Supplier

Potassium Meta Bisulphite is supplied by **Jain Scientific Equipments Private Limited**, which trades as ScienceLab from Ambala, Haryana, India, to schools, colleges and food technology laboratories in India and international markets. For vendor registration, the supplying company is Jain Scientific Equipments Private Limited (CIN U29309HR2020PTC087597, GSTIN 06AAECJ86

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