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

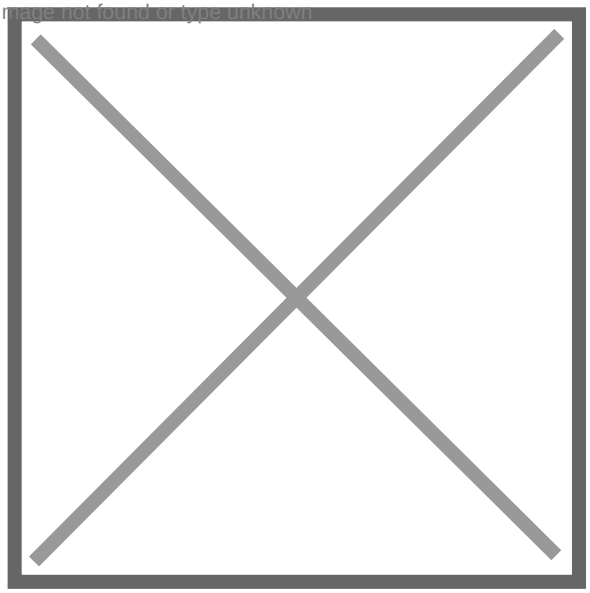
Product Name :

Lead Nitrate

Product Code :

SCI-655/286

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Description :

Lead Nitrate (Product Code: SCI-655/286) is an analytical reagent grade lead(II) salt used to demonstrate thermal decomposition with brown fumes and the yellow lead iodide precipitation reaction in school and college chemistry laboratories. It is one of the few water-soluble lead compounds, which is why chemistry teachers keep a 200 g pack, supplied with an MSDS, for decomposition and double displacement practicals. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India, for school chemistry lab requirements.

Specifications

Parameter	Detail
Chemical	Lead(II) nitrate, Pb(NO3)2
Grade	Analytical reagent
Capacity	200 g
MSDS	Supplied with the chemical
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-655/286
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is Lead Nitrate Used For?

Heated in a dry boiling tube, lead nitrate crystals crackle as they split apart, then give off brown nitrogen dioxide and oxygen, leaving a yellow residue of lead(II) oxide. The experiment illustrates a decomposition reaction and the release of a coloured, toxic gas, so it should be done with a small quantity inside a fume cupboard.

Mixing lead nitrate solution with potassium iodide solution produces a bright yellow precipitate of lead iodide, a classic double displacement reaction. If the precipitate is dissolved in hot water and left to cool, it re-forms as glittering golden plates, often called golden rain. Lead compounds are toxic and can harm an unborn child, so this salt is for teachers or closely supervised older students wearing gloves, with every residue collected as heavy-metal waste rather than poured down the sink.

Supplier

Jain Scientific Equipments Private Limited sells laboratory chemicals under the ScienceLab name and supplies Lead Nitrate in 200 g analytical reagent packs, each accompanied by its MSDS, to schools, colleges and dealers. Because lead nitrate is both toxic and an oxidiser, it travels as a dangerous good; share the destination and quantity so transport options can be checked before quoting. See the ScienceLab profile for company details.

Related Laboratory Equipment

Items