Email : sales@scilabexport.com
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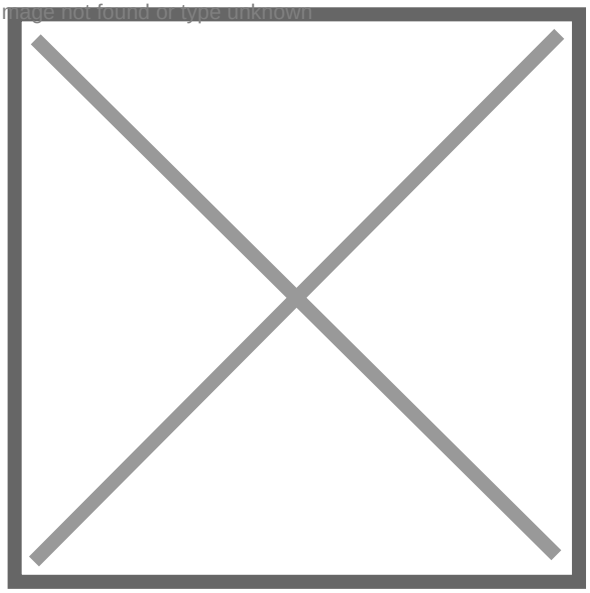
**Product Name :**

Lead Acetate

**Product Code :**

SCL-875/180

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# Description :

**Lead Acetate** (Product Code: SCL-875/180) is lead(II) acetate, a water-soluble lead salt used to detect sulphur and sulphide ions in qualitative analysis in college and school chemistry and biochemistry labs. Paper soaked in its solution blackens in hydrogen sulphide, and in Lassaigne's test it gives a black precipitate when sulphur is present. The 500 gm analytical reagent pack comes with an MSDS and is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, a laboratory chemicals supplier in India.

## Specifications

| Parameter | Detail |
|---|---|
| Chemical | Lead(II) acetate (lead ethanoate) |
| Capacity | 500 gm |
| Grade | Analytical reagent |
| Safety documentation | Supplied with MSDS |
| Hazard | Toxic lead compound – handle with gloves and keep locked away |
| Shelf life | Shelf life depends on the chemical, its grade and storageconditions; ask us for the expiry date of the batch you are quoted. |
| Product code | SCL-875/180 |
| Supplied by | Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India |

## What Is Lead Acetate Used For?

To make lead acetate paper, strips of filter paper are dipped in a solution of the salt and used while moist: held at the mouth of a test tube, they turn black with lead sulphide when a sulphide salt releases hydrogen sulphide on warming with dilute acid. In the tests for elements in organic compounds, the sodium fusion extract is acidified with acetic acid before lead acetate solution is added, and a black precipitate confirms sulphur. Biochemistry classes use the same reaction to show sulphur-containing amino acids such as cysteine after boiling a protein with alkali.

Teachers also use the solution for precipitation demonstrations in a salt analysis kit for school practicals: potassium iodide gives yellow lead iodide, which dissolves in hot water and reappears as glittering “golden rain” crystals on cooling, and potassium chromate gives yellow lead chromate. Lead compounds are toxic if swallowed or inhaled and are particularly harmful to children and pregnant women, so staff should weigh the salt and everyone should wear gloves. Collect lead residues and used test papers in a labelled waste container rather than washing them down the sink.

## Supplier

Lead Acetate is supplied by **Jain Scientific Equipments Private Limited**, the Ambala-based company whose trading name is **ScienceLab**. It sources analytical reagents for salt analysis and organ
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