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

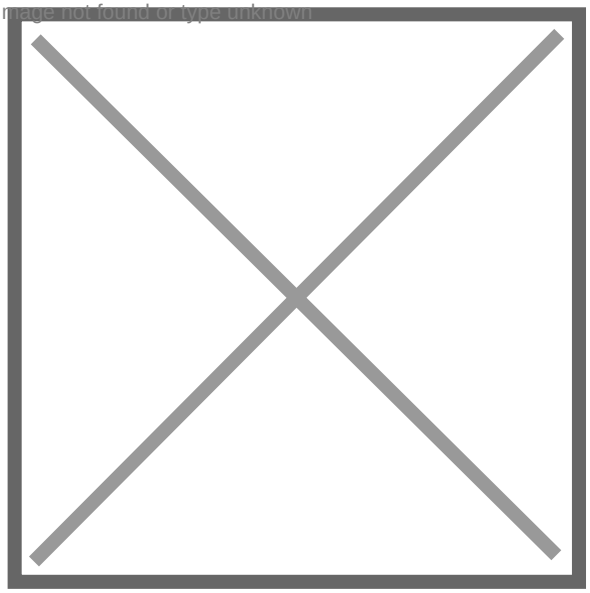
**Product Name :**

Ferrous Sulphate

**Product Code :**

SCL-849/168

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## Description :

**Ferrous Sulphate** (Product Code: SCL-849/168) is an iron(II) salt, traditionally called greenvitriol, used for the brown ring test for nitrates and for thermal decomposition activities in schooland college chemistry laboratories. Teachers also use it as the starting material when students prepare Mohr's salt, and it is packed as 500 gm of analytical reagent with an MSDS. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India, a lab consumables supplier in India for schools, colleges and training institutes.

### Specifications

| Parameter | Detail |
|---|---|
| Product code | SCL-849/168 |
| Chemical | Ferrous sulphate (iron(II) sulphate) |
| Grade | Analytical reagent |
| Pack weight | 500 gm |
| Safety sheet | MSDS provided |
| 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. |
| Supplied by | Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India |

### What Is Ferrous Sulphate Used For?

In the brown ring test, a freshly made ferrous sulphate solution is mixed with the suspected nitrate solution, and concentrated sulphuric acid is poured carefully down the side of the tilted tube so that it forms a lower layer. A brown ring at the boundary confirms nitrate. Heating a few crystals in a dry test tube is another favourite: the green crystals lose water, then decompose with the sharp smell of sulphur oxides, leaving a reddish-brown residue, a clear example of a decomposition reaction. Both activities make ferrous sulphate a routine purchase alongside school chemistry lab equipment in India.

Iron(II) ions can be confirmed with potassium ferricyanide, which gives a deep blue precipitate. Because ferrous sulphate slowly oxidises in air, its solution must be prepared just before the test, ideally with a few drops of dilute sulphuric acid; crystals that have turned yellowish-brown on the surface have partly oxidised. Keep the container tightly closed in a cool, dry place and carry out the heating activity in a ventilated room.

### Supplier

Jain Scientific Equipments Private Limited operates under the ScienceLab brand in Ambala, Haryana, and supplies Ferrous Sulphate as part of its practical-class reagent range. It sources chemicals for schools, colleges and training institutes in India and international markets, so a department can order reagents and glassware together. More is available on the company profile page

### Rela