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

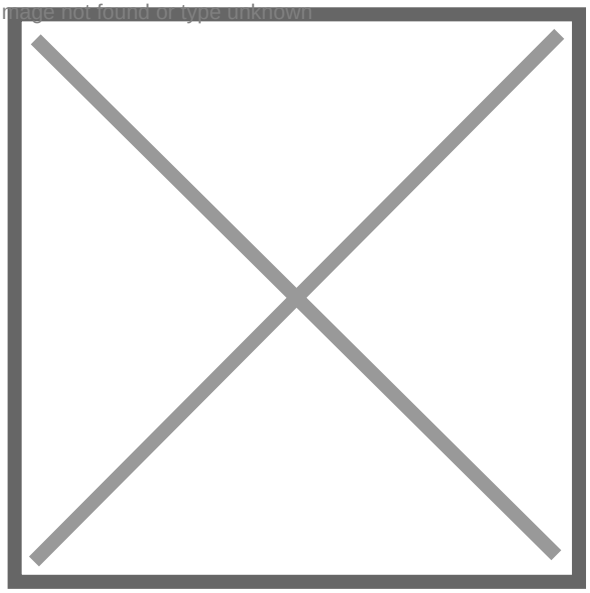
**Product Name :**

Ferrous Ammonium sulphate

**Product Code :**

SCL-847/167

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## Description :

**Ferrous Ammonium sulphate** (Product Code: SCL-847/167), widely known as Mohr's salt, is a pale green iron(II) double salt used to prepare standard solutions for permanganate and dichromate titrations in chemistry laboratories. It resists air oxidation better than plain ferrous sulphate, which is why senior secondary schools and colleges weigh it out directly; each pack holds 500 gm of analytical reagent with an MSDS. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India, a laboratory chemicals supplier in India.

### Specifications

| Parameter | Detail |
|---|---|
| Product code | SCL-847/167 |
| Common name | Mohr's salt (ferrous ammonium sulphate) |
| Grade | Analytical reagent |
| Pack | 500 gm |
| Safety data sheet | Supplied (MSDS) |
| 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 Ammonium Sulphate (Mohr's Salt) Used For?

The best-known practical is the determination of the strength of a potassium permanganate solution. Students weigh Mohr's salt accurately on a chemical balance, dissolve it in water containing some dilute sulphuric acid, make it up to the mark in a volumetric flask, and titrate portions against permanganate from a burette. No separate indicator is needed: the first lasting pale pink colour marks the end point. This experiment, together with its oxalic acid counterpart, forms the core of the redox section of a typical titration kit for schools.

Dilute sulphuric acid is added when dissolving the salt to stop hydrolysis and slow oxidation of iron(II) by air, so make the solution on the day of use. The salt also features in crystallisation practicals, where students prepare Mohr's salt from ferrous sulphate and ammonium sulphate. Keep the stock container closed and dry; crystals that have turned yellowish-brown on the surface have partly oxidised and are no longer suitable as a standard.

### Supplier

Jain Scientific Equipments Private Limited, which presents itself to customers as ScienceLab, supplies Ferrous Ammonium sulphate from Ambala, Haryana. The company sources titration reagents such as Mohr's salt and quotes them with burettes, flasks and other glassware for institutions in India and international markets. See the company profile.

### Related Chemistry Lab Products

Reag

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