



## PRODUCT SPECIFICATION

Product Code: 626

<b>Stabilised Ferrous Sulphate</b>
Food ingredient. Nutrient.

Physical-chemical Properties.	Specification
Appearance	Ochre pale slightly greenish powder, fine, free flowing and hygroscopic.
Solubility	In distilled water at 5 % w/w: Greenish and translucent solution.
pH solution	In distilled water at 5 % w/w: $2.8 \pm 1.0$ (1.8 to 3.8)
IRON	As iron (% w/w): $11.0 \pm 1.1$ (9.9 to 12.1).
Loss on drying	No more than 10 % w/w (105°C)
Arsenic	No more than 2 mg/Kg
Lead	No more than 2 mg/Kg
Mercury	No more than 2 mg/Kg
Cadmium	No more than 2 mg/Kg

Microbiological analysis	Specification
Total aerobes	No more than 1000 CFU/g
Enterobacteriaceae	Absent in 1 g
Coliforms	Absent in 1 g
Yeasts and moulds	No more than 100 CFU/g

### Main Characteristics

- Stable in the food under customary conditions of storage, distribution and use.
- High solubility in water.

### Main applications

As iron nutrient. In dietary supplements. Food fortification.

<b>Packaging</b>	Double polyethylene bag in 10 Kg cartons.
<b>Storage conditions</b>	Keep tightly closed in original container, stored in a cool (8 to 20 °C), dry, ventilated area. Away from light.
<b>Shelf life</b>	Shelf life is two (2) years from date of manufacture, when stored according to the recommended storage conditions.