



PRODUCT SPECIFICATION

Product Code: 728

Stabilised Ferric Pyrophosphate
Food ingredient. Nutrient.

Physical-chemical Properties	Specification
Appearance	White to slightly violaceous powder, fine, free flowing and hygroscopic.
Solubility	In distilled water at 5 % w/w: translucent slightly violaceous solution.
pH solution	In distilled water at 5 % w/w: 2.6 ± 1.0 (1.6 to 3.6)
IRON	As iron (% w/w): 5.5 ± 0.6 (4.9 to 6.1).
Loss on drying	No more than 10 % w/w (105 °C)
Arsenic	No more than 3 mg/Kg
Lead	No more than 4 mg/Kg
Mercury	No more than 3 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
<ul style="list-style-type: none"> 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.

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