



# PRODUCT SHEET

**NAME AND CODE**

**Ferrous Sulfate Dried USP/FCC/GB Powder**  
Code: 2421

**CHEMICAL FORMULA**

$\text{FeSO}_4 \cdot x \text{H}_2\text{O}$  Mol. Wt. 151.91

**CAS NUMBER**

7720-78-7

**USE**

Nutrient; Dietary Ingredient; Pharmaceutical

**DESCRIPTION**

Light gray to light green powder

**CHEMICAL SPECIFICATION**

TESTS	SPECIFICATIONS
<u>Identification</u>	
Test A	Pass
Test B	Pass
Assay	86.0 – 89.0%
Insoluble Substances	0.05% maximum
Mercury (USP)	0.1 ppm maximum
Lead (Pb)	1 ppm maximum
Cadmium	1 ppm maximum
Arsenic (As)	1 ppm maximum
Manganese	100 ppm maximum
Aluminum	10 ppm maximum
Residual Solvents	Meets USP Requirements
Particle Size	99% thru 100 mesh
<u>Microbial Test Results</u>	
Aerobic Plate Count	1000 cfu/gm maximum
Yeast and Mold Count	100 cfu/gm maximum
Total Coliforms	Negative

**CONTAINERS**

50 kg/110 lb fiber drums; 25 kg cartons EU only

**STORAGE**

Store in a clean, dry warehouse in the original unopened containers.

**REVISION DATE**

05/05/2021