



**Ferrous Sulfate Heptahydrate**  
**USP/FOOD GRADE / CERTIFIED KOSHER**

**FORMULA:** FeSO<sub>4</sub> \* 7H<sub>2</sub>O  
F.W. 278.01

CAS# 7782-63-0

**DESCRIPTION:** Pale, bluish green crystals or granules. It is odorless, has a saline, styptic taste, and is efflorescent in dry air. In moist air it readily oxidizes to form brownish yellow ferric sulfate. One gram dissolves in 1.5 ml water at 25 degrees Celsius and in 0.5 ml of boiling water. It is insoluble in alcohol.

**TYPICAL ANALYSIS:**

Assay as FeSO <sub>4</sub> * 7H <sub>2</sub> O	99.5-104.5%
Ferrous Iron	20.0-21.0%
Arsenic	<3 ppm
Lead	<10 ppm
Mercury	<3 ppm
pH (5% Solution)	3 to 5
Adherent water	< 0.30%

**PHYSICAL**

Physical Form	Blue-Green, Free Flowing Crystal
Bulk Density	55 lb. per cu.ft.
Main Particle Size Range	(90 – 95%) - 16 + 30 MESH

**PACKAGING/SHIPPING:** LTL or Truckload - Fiber Boxes, 50 lbs. net FOB Indianapolis, IN

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