



PRODUCT SHEET

Product Name: Ferrous Gluconate, FCC/USP Powder
Product Code: 2387
Chemical Formula: $\text{Fe}(\text{C}_6\text{H}_{11}\text{O}_7)_2 \cdot 2\text{H}_2\text{O}$
Mol. Weight: 482.2
CAS Number: 6047-12-7
Use: Nutrient; Dietary Ingredient; Pharmaceuticals
Description: Brown, tan, or gray to greenish yellow powder

SPECIFICATIONS

ID Test A	Pass	Oxalic Acid	Pass
ID Test B	Pass	Reducing Sugars	Pass
Residual Solvents	Conforms to USP	Mesh on 70	30.0% Maximum
LOD	6.5% - 10.0%	Arsenic	3 ppm Maximum
Assay	97.0% - 102.0%	Lead	2 ppm Maximum
Ferric Iron	2.0% Maximum	Mercury	3 ppm Maximum
Chloride	0.07% Maximum	Aerobic Plate Count	10^3 cfu/g Maximum
Sulfate	0.1% Maximum	Yeast and Mold Count	10^2 cfu/g Maximum
		Total Coliforms	Negative

Mineral Content: Fe (as-is): 10.9% - 11.9%

(For formulation guidance/
Not a specification)

Containers: 110lb/50kg fiber drum; 55lb/25kg carton

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

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JOST CHEMICAL CO. / DIRECTOR OF QUALITY AND REGULATORY AFFAIRS