

**NAME AND CODE****Cupric Sulfate Pentahydrate USP Powder**

Code 2301

**CHEMICAL FORMULA**CuSO<sub>4</sub> · 5 H<sub>2</sub>O

Mol. Wt. 249.69

**CAS NUMBER**

7758-99-8

**USE**

Nutrient; Dietary Supplement

**DESCRIPTION**

Blue powder

**CHEMICAL SPECIFICATION****TESTS****SPECIFICATIONS**

Assay	98.5-100.5%
LOD	33.0 – 36.5% maximum
Lead	2 ppm maximum
Sodium	0.02% maximum
Potassium	0.01% maximum
Calcium	0.005% maximum
Iron	0.003% maximum
Nickel	0.005% maximum
Identification	
Copper	Positive
Sulfate	Positive
Residual Solvents	Conforms to USP

**Microbial Test Results**

Aerobic Plate Count	1000 cfu / gram maximum
Yeast and Mold Count	100 cfu / gram maximum
Total Coliforms	Negative

**COPPER CONTENT**

25.0 – 25.6 %

**CONTAINERS**

25 kg. / 55 lb. fiber drums

**STORAGE**

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

**REVISION DATE**

12/17/08