

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

Code 2296

CHEMICAL FORMULACuSO₄ · 5 H₂O

Mol. Wt. 249.69

CAS NUMBER

7758-99-8

USE

Nutrient; Dietary Supplement

DESCRIPTION

Blue crystals

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

11/05/08