

**NAME AND CODE****Zinc Sulfate Monohydrate USP Powder**

Code 2989

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

Mol. Wt. 179.47

**CAS NUMBER**

7446-19-7

**USE**

Nutrient, Dietary supplement;

**DESCRIPTION**

White Powder

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

Test A	Pass
Test B	Pass
Assay	99.0 – 100.5 %
Arsenic (As)	1 ppm maximum
Cadmium (Cd)	1 ppm maximum
Lead (as Pb)	0.5 ppm maximum
Mercury (Hg)	0.1 ppm maximum
Acidity	Pass
Alkalies and Alkaline Earths	0.9% maximum
Thru 30 Mesh	99% minimum
Thru 200 Micron	70% minimum

**Microbial Test Results**

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

**CONTAINERS**

50 kg / 110 lb. fiber drums; 25 kilogram packs EU only

**STORAGE**

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

**ZINC CONTENT**

(For Formulation Guidance/Not a Specification)

As-Is

36.1 – 36.6%

**REVISION DATE**

12/02/15