

**NAME AND CODE****Zinc Gluconate USP Powder**

Code: 2960

**CHEMICAL FORMULA** $C_{12}H_{22}ZnO_{14}$ 

Mol. Wt. 455.68

**CAS NUMBER**

4468-02-4

**USE**

Nutrient; Dietary Supplement

**DESCRIPTION**

white powder

**CHEMICAL SPECIFICATION****TESTS****Identification**

Test A

Test B

**Assay**

Arsenic (as As)

Cadmium

Chloride

Lead

Residual Solvents

pH (1 in 100)

Reducing Substances

Sulfate

Water

**SPECIFICATIONS**

Pass Test

Pass Test

97.0-102.0%

3 ppm maximum

5 ppm maximum

0.05% maximum

1.0 ppm maximum

Conforms to USP

5.5 – 7.5

1.0% Maximum

0.05% maximum

11.6% maximum

**Microbial Test**

Aerobic Plate Count

Yeast and Mold Count

Total Coliforms

1000 cfu / gm maximum

100 cfu / gm maximum

Negative

**ZINC CONTENT**

(Not a specification - for formulation guidance only.)

As-Is

12.3 – 14.6%

**CONTAINERS**

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

**STORAGE**

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

**REVISION DATE**

10/1/2018