

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

Code: 2959 granular

Code: 2960 powder

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

Mol. Wt. 455.68

CAS NUMBER

4468-02-4

USE

Nutrient; Dietary Supplement

DESCRIPTION

white powder or granules

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

Test A

Pass Test

Test B

Pass Test

Assay

97.0-102.0%

Arsenic (as As)

3 ppm maximum

Cadmium

5 ppm maximum

Chloride

0.05% maximum

Lead

1 ppm maximum

OVI

Meets USP Requirements

pH (1 in 100)

5.5 – 7.5

Reducing substances

1.0% maximum

Sulfate

0.05% maximum

Water

11.6% maximum

Microbial Test Results

Aerobic Plate Count

1000 cfu / gram maximum

Yeast and mold count

100 cfu /gram maximum

Total Coliforms

Negative

ZINC CONTENT

Anhydrous Basis

13.9 – 14.6%

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

07/29/08