

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

Code: 2958

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

Mercury

Lead

OVI

pH (1 in 100)

Residual Solvents

Reducing substances

Sulfate

Water

Appearance

Zinc Content

SPECIFICATIONS

Pass Test

Pass Test

97.0-102.0%

1.0 ppm maximum

0.5 ppm maximum

0.05% maximum

0.1 ppm maximum

1.0 ppm maximum

Meets USP Requirements

5.5 – 7.5

Conforms to USP

1.0% maximum

0.05% maximum

11.6% maximum

Pass

Report

Microbial Test

Aerobic Plate Count

1000 cfu / gm maximum

Yeast and Mold Count

100 cfu / gm 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

01/05/12