

NAME AND CODE
Zinc Gluconate USP Low HM Granular
CHEMICAL FORMULA
 $C_{12}H_{22}ZnO_{14}$

Mol. Wt. 455.68

CAS NUMBER

4468-02-4

USE

Nutrient; Dietary Supplement

DESCRIPTION

white granules

CHEMICAL SPECIFICATION
TESTS

Identification

Test A

Test B

Assay

Arsenic (as As)

Cadmium

Chloride

Mercury

Lead

pH (1 in 100)

Reducing Substances

Residual Solvents

Sulfate

Water

Appearance

Tapped Density

Mesh thru 20

Mesh thru 40

Mesh thru 80

Mesh thru 100

SPECIFICATIONS

Pass Test

Pass Test

97.0 – 102.0%

0.5 ppm maximum

0.5 ppm maximum

0.05% maximum

0.1 ppm maximum

1.0 ppm maximum

5.5 – 7.5

1.0% maximum

Conforms to USP

0.05% maximum

11.6% maximum

Pass

0.72 g/ml minimum

95% minimum

65% minimum

40% minimum

30% minimum

Microbial Test

Aerobic Plate Count

1000 cfu/gm maximum

Yeast and Mold Count

100 cfu/gm maximum

Total Coliforms

Negative

ZINC CONTENT

As-Is

12.3 – 14.6%

(Not a specification - for formulation guidance only.)

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

12/20/2018