

Chem-Impex International, Inc.

Tel: (630) 766-2112

E-mail: sales@chemimpex.com

Shipping and Correspondence:

935 Dillon Drive

Wood Dale, IL 60191

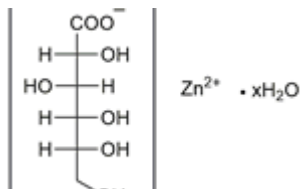
Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191



Product Specifications

Catalogue Number	37017
Product	Zinc gluconate hydrate, Ultra pure, USP, Zinc gluconate hydrate, Ultra pure, USP, Powder, Low heavy metals Gluconic acid Zinc(II) salt hydrate
CAS Number	4468-02-4
Molecular Formula	C ₁₂ H ₂₂ ZnO ₁₄ •xH ₂ O
Molecular Weight	455.68

Appearance	White powder
Anion	Chloride (Cl ⁻) : ≤ 0.05% Sulfate (SO ₄ ²⁻) : ≤ 0.05%
Cation	Arsenic (As) : ≤ 1 ppm Cadmium (Cd) : ≤ 0.5 ppm Chromium (Cr) : ≤ 2 ppm Lead (Pb) : ≤ 1 ppm Mercury (Hg) : ≤ 0.1 ppm
Water Content (Karl Fisher)	≤ 11.6%
pH	5.5 - 7.5
Reducing Substances	≤ 1.0%
Residual Solvents	Conforms to USP
Microbial Count	Aerobic Plate Count: ≤ 1000 cfu/g Yeast and Mould: 100 cfu/g Total Coliforms: Negative
Assay	97.0- 102.0%
Grade	Meets USP specification
Application	Nutrient; Dietary Ingredient
Storage	Store at RT
Additional Information	Identification test: To pass test A and B

Product Specifications

Catalog Number: 37017

For Laboratory Use Only