

Product Name: Zinc gluconate hydrate, 97%
Catalog Number: B23022.36

CAS Number: 4468-02-4
IUPAC Name: zinc(2+) bis((2R,3S,4R,5R)-2,3,4,5,6-pentahydroxyhexanoate)
Molecular Formula: C₁₂H₂₂O₁₄Zn
Molecular Weight: 455.67
MDL Number: MFCD00868110
InChI Key: WHMDKBIGKVEYHS-IYEMJOQQSA-L
SMILES: [Zn++].OC[C@@H](O)[C@@H](O)[C@H](O)[C@@H](O)C([O-])=O.OC[C@@H](O)[C@@H](O)[C@H](O)[C@@H](O)C([O-])=O
Synonym: zinc gluconate

Product Specification

Appearance (Color): White
Form: Powder or granules
Water Content (Karl Fischer Titration): 3.80-10.60% (1-3 waters)
Trace Metal: (Cadmium, Cd) : ≤ 5ppm
Chloride content: ≤ 0.05%
Assay (unspecified): >96.0% (dry wt. basis)
pH: 5.5-7.5
Trace Metal: (Arsenic, As) : ≤ 3ppm
Trace Metal: (Lead, Pb) : ≤ 0.8ppm

Date Of Print: 09/23/2025

Product Specifications are subject to amendment and may change over time. Data contained is accurate as of the date printed.