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Product Specifications

Catalogue Number	51047
Product	Zinc gluconate, Microbial tested, Aerobic plate count: $\leq 10^3$ cfu/g, Yeast and Mold count: $\leq 10^2$ cfu/g, Total Coliforms: Negative
CAS Number	Zincum gluconicum 4468-02-4
Molecular Formula	$C_{12}H_{22}O_{14}Zn$
Molecular Weight	455.7
Appearance	White powder
Anion	Chloride (Cl ⁻): < 0.05% Sulphate (SO ₄ ²⁻): < 0.05%
Cation	Arsenic: < 0.5 ppm, Cadmium (Cd): < 0.5 ppm Chromium: < 2 ppm Lead (Pb): < 1 ppm Mercury (Hg): < 0.1 ppm
Water Content (Karl Fisher)	< 11.6%
Reducing Substances	< 1.0%
Loss on Drying	< 11.6%
Residual Solvents	Conforms to USP
Identification	To pass test A and B
pH of 1% solution	5.5 -7.5
Microbial test	Aserobic Plate Count: < 1000 cfu/g Yeast and Mold Count: < 100 cfu/g Total Coliforms: Negative
Particle Size	Mesh Thru 20: > 95% Mesh Thru 40: > 65% Mesh Thru 80: > 40% Mesh Thru 100: > 30%
Assay	97.0 - 102.0% (Assay)
Grade	Meets USP/GB specification, Low Heavy Metal granular

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Storage

Store at RT

For Laboratory Use Only