



PRODUCT SPECIFICATION

Product Code: **230**

Stabilised Zinc Gluconate

Food ingredient. Nutrient.

Physical-Chemical Properties.	Specification
Appearance	White or nearly white powder, fine, free flowing and hygroscopic.
Solubility	In distilled water at 5 % w/w, translucent colourless to slightly yellow solution.
pH solution	In distilled water at 5 % w/w: 6.5 ± 1.0 (5.5 to 7.5)
ZINC	As zinc (% w/w): 10.5 ± 1.1 (9.4 to 11.6)
Water content	No more than 10 % w/w (Karl-Fischer)
Arsenic	No more than 2 mg/Kg
Lead	No more than 2 mg/Kg
Mercury	No more than 2 mg/Kg
Cadmium	No more than 2 mg/Kg

Microbiological analysis	Specification
Total aerobes	No more than 1000 CFU/g
Enterobacteriaceae	Absent in 1 g
Coliforms	Absent in 1 g
Yeasts and moulds	No more than 100 CFU/g

Main Characteristics

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| <ul style="list-style-type: none">• Stable in the food under customary conditions of storage, distribution and use.• High solubility in water. Product provides translucent colourless solutions.• High bio-availability / physiologically available from the food. |
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Main applications

As Zinc nutrient. In dietary supplements. Food fortification.

Packaging	Double polyethylene bag in 10-Kg cartons or paper-bags.
Storage conditions	Keep tightly closed in original container, stored in a cool (8 to 20 °C), dry, ventilated area. Away from light.
Shelf life	Shelf life is two (2) years from date of manufacture, when stored according to the recommended storage conditions.