

## CERTIFICATE OF ANALYSIS

Product Name	Zinc Gluconate	Manufacture Date	2020-07-05
Batch Number	KN200705	Analysis Date	2020-07-07
Batch Quantity	400kg	Expiration Date	2022-07-04

Inspection items	Standard	Results
Description	White powder	White powder
Identification	1. Identification test-General, the Zinc-meets the requirement 2. Thin-layer Chromatography-Meets the requirement	Conform
ASSAY(no H <sub>2</sub> O)	97.0~102.0%	99.97%
Particle size	60 MESH PASS RATE≥98% 80 MESH PASS RATE≥90%	60 MESH PASS RATE>98% 80 MESH PASS RATE>90%
PH	5.5~7.5	6.9
Water	≤11.6%	<10.8%
Sulfate	≤0.05%	<0.05%
Chloride	≤0.05%	<0.05%
Reducing sugars	≤1.0%	<0.3
Arsenic	≤3ppm	<0.01ppm
Lead	≤10ppm	<2ppm
Cadmium(Cd)	≤5ppm	<2ppm
Hg	≤1ppm	<0.005ppm
Total plate count	≤1000cfu/g	<100cfu/g
Yeast&Mold	≤100cfu/g	<20cfu/g
Enterobacterial	Absent	Absent
E.Coli	Absent	Absent
Salmonella species	Absent	Absent
Staphylococcus aureus	Absent	Absent
Reducing substances	As per USP43	Conform
Residual solvents	As per USP43	Conform
Conclusion	Conformed with the requirement of USP43	

Packing description	Sealed export grade drum & double of sealed plastic bag
Storage	Store in cool & dry place not freeze, keep away from strong light and heat
Shelf life	2 years when properly stored



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