BaseBulk

CERTIFICATE OF ANALYSIS

Product Name:	Zinc Gluconate
Batch Number:	20260721
Manufacture Date:	21/07/2026
Expiration Date:	20/07/2029

Physical & Chemical Characteristics

Analysis Item	Specification	Result
Appearance	White crystalline powder	Meets requirements
Identification A	To pass test	Passes test
Identification B	To pass test	Passes test
Assay	97.0% ~ 102.0%	99.8%
Zinc (as dihydrate)	12.90% ~ 13.56%	13.29%
Water	≤11.60%	8.7%
Chloride	≤0.05%	0.03%
Sulfate	≤0.05%	0.03%
pH	5.5 ~ 7.5	6.0
Reducing substances	≤1.0%	0.2%
Organic volatile impurities	To pass test	Passes test
Particle size	60 mesh	60 mesh

Heavy Metals

Analysis Item	Specification	Result
Arsenic (As)	≤3 ppm	0.8 ppm
Cadmium (Cd)	≤1 ppm	Conform
Mercury (Hg)	≤0.1 ppm	Conform
Lead (Pb)	≤3 ppm	1.2 ppm

Microbiological Tests

Analysis Item	Specification	Result
Bile-tolerant gram-negative bacteria	≤100 cfu/g	<100 cfu/g
Total aerobic count	≤1000 cfu/g	30 cfu/g
Total molds and yeasts	≤100 cfu/g	50 cfu/g
E. coli	Negative/10g	Absent
Salmonella	Negative/25g	Absent
Staphylococcus aureus	Negative/10g	Absent