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CERTIFICATE OF ANALYSIS

Product Name:	Zinc Picolinate
Batch Number:	Z20260916
Batch Quantity:	450 kg
Manufacture Date:	2026/09/16
Expire Date:	2029/09/15

Physical & Chemical Characteristics

Analysis Item	Specification	Result
Appearance	White Powder	Conforms
Odor & Taste	Characteristic	Conforms
Assay (Zinc from zinc picolinate)	20%~23% (dry basis)	20.2%
Particle size	95% pass 60 mesh	96.6%
Identification-FTIR	IR spectra compares qualitatively to standard	Conforms
Loss on drying	≤2.5%	1.3%
pH (0.5% solution)	5.0 - 8.0	7.1

Heavy Metals

Analysis Item	Specification	Result
Lead (Pb)	≤1 ppm	0.86 ppm
Arsenic (As)	≤1 ppm	0.5 ppm
Mercury (Hg)	≤0.3 ppm	0.2 ppm
Cadmium (Cd)	≤1 ppm	0.4 ppm

Microbiological Tests

Analysis Item	Specification	Result
Total Plate Count	≤5,000 cfu/g	20 cfu/g
Total Yeast & Mold	≤100 cfu/g	20 cfu/g
E. coli	Negative/10g	Conforms
Salmonella	Negative/10g	Conforms
Staphylococcus	Negative/10g	Conforms

Additional Information
General Status: Non-GMO, Allergen Free, Non-Irradiation

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Packaging & Storage: Packed in paper-drums and two plastic-bags. Store in well-closed container and in dry and cool place.
Conclusion: Qualified

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