BaseBulk

CERTIFICATE OF ANALYSIS

Product Name:	Zinc Citrate Dihydrate
Batch Number:	20260812-QTL
Manufacture Date:	2026-08-12
Shelf Life:	48 months
Quantity:	4600kg

Physical & Chemical Characteristics

Analysis Item	Specification	Result
Appearance	White odorless crystal or crystalline powder	Coincidence
Zinc Assay (%)	≥ 31.0%	31.79%
Loss on Drying (%)	≤ 1.0%	0.13%
Chloride (%)	≤ 0.05%	<0.05%
Sulfate (%)	≤ 0.05%	<0.05%
Iron (mg/kg)	≤ 100	<0.100
Lead (mg/kg)	≤ 2	0.36
Arsenic (mg/kg)	≤ 1,5	0.11
Cadmium (mg/kg)	≤ 0.5	0.5
Mercury (mg/kg)	≤ 0.2	<0.2
Copper (mg/kg)	≤ 50	<50
pH	6.0–8.0	6.94

Microbiological Tests

Analysis Item	Specification	Result
Total Plate Count (CFU/g)	≤ 1000	10
Yeasts and Moulds (CFU/g)	≤ 100	<10
Bile-tolerant Gram negative bacteria (CFU/g)	≤ 100	<10
Staphylococcus aureus	Not detectable	Not detected
Escherichia coli	Not detectable	Not detected
Salmonella	Not detectable	Not detected

Particle Size Analysis

Mesh Size	Specification	Result
Through 80 mesh pass rate (%)	≥ 80	99,21
Through 60 mesh pass rate (%)	≥100	100

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