

CERTIFICATE OF ANALYSIS

Product Name	Zinc Citrate	Batch No	PY-ZC20210118
Quantity	1000KG	Analysis Date	Jan.21,2021
Mfg. Date	Jan.18,2021	Exp. Date	Jan.17,2023
Package	25KG/Drum	Standard	USP36

No.	Item	Specification	Result
1.	Appearance	White granular powder	Visual
2.	Identification(A,B)	Positive	Positive
3.	Assay	≥98.5%	99.7%
4.	Zn Content	≥31.3%	31.4%
5.	Heavy Metals	≤20ppm	<20ppm
6.	Pb	≤10ppm	<5.0ppm
7.	As	≤3.0ppm	<3.0ppm
8.	Cd	≤5.0ppm	<5.0ppm
9.	Fluorides	≤30ppm	<30ppm
10.	Sulfate	≤0.05%	0.03%
11.	Cl	≤0.05%	<0.05%
12.	Loss on Drying	≤6.5%	<6.0%
13.	Total Plate Count	≤1,000cfu/g	<90cfu/g
14.	Yeasts & Molds	≤100cfu/g	<30cfu/g
15.	E.Coli	Absent	Absent
16.	Salmonella	Absent	Absent
17.	Conclusion	Conform to the USP36 standard.	

Analyst: xuli

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