

Certificate of Analysis

QUALITY CONTROL LABORATORY ANALYTICAL REPORT

Date: November 18, 2025 Product: Zn -UP Tablets
 Product Code: 4HH038 Lot No.: 42510001 Manufacture Date: Oct. 07, 2025

ACTIVE INGREDIENTS	PER UNIT	RESULT	SPECIFICATION	METHOD
Zinc Bisglycinate Chelate (Containing 30.00% Zinc)	100.00 mg (Contains 30.00 mg Zinc)	33 mg Zinc	90%-110%	ICP

Excipients: Microcrystalline Cellulose, Hydroxypropyl Methylcellulose, Silicon Dioxide, Magnesium Stearate, Titanium Dioxide, Sunset Yellow FCF, Allura Red AC

Chemical Analysis

ITEM	SPECIFICATION	RESULT	METHODS
Appearance	Oblong 19mm*8mm yellow film coated tablets	Conforms	Visual
Average Tablet Weight	1000.00 mg $\pm$ 10 %	1021.712 mg	USP <2091>
Weight Variation	Meets USP Requirements	Conforms	USP <2091>
Disintegration	NMT 30 minutes	12 min	USP <2040>
Hardness	NLT 5 kp	22 kp	Pharma Test
Friability	NMT 1%	0.0%	USP<1216>
Heavy Metals*			
Arsenic	NMT 0.14 mcg/kg b.w./day	Conforms	ICP
Cadmium	NMT 0.09 mcg/kg b.w./day		
Lead	NMT 0.14 mcg/kg b.w./day		
Mercury	NMT 0.29 mcg/kg b.w./day		

*Based on average body weight: 70 kg; Dosage: 1 tablet/day

Microbiological Analysis

ITEM	SPECIFICATION	RESULT	METHODS
Total Aerobic Count	< 1000 cfu/g	Conforms	USP<2021>
Total Combined Mold and Yeasts Count	< 100 cfu/g	Conforms	USP<2021>
E. coli	Negative	Negative	USP<2022>
Salmonella spp.	Negative	Negative	USP<2022>
Staphylococcus aureus	Negative	Negative	USP<2022>
Pseudomonas aeruginosa	Negative	Negative	USP<62>



Quality Control

11/18/2025

Date