

Finish Product Certificate of Analysis

Product Name	Tan-Zyrocal Tablets	Date of Receipt	12/11/2025
Generic Name	Calcium Algae, Vitamin D3, Vitamin K2-7, Magnesium & Zinc Tablets		
Batch No.	BT/604	A.R. No.	BT/FG/FT/604/11-25
Date	Nov 2025	S. No.	604
Date	Apr 2027	Sample Qty	40 Tabs.
Batch Size	61,000 Tablets	Expiry Date	10823999000317
Date of analysis start	12/11/2025	Date of release	17/11/2025

No.	Tests	Specification	Observation
	Description	A white coloured elongated shape film coated tablets having one side scored line & other side plain.	White coloured elongated shape film coated tablets having one side scored line & other side plain.
	Identification	Should be Complies	Complies.
	Average weight of tablets	1220.0mg $\pm$ 2%	1223.6mg
	Uniformity of Weight	1223.6 $\pm$ 5 %	-1.17 % & + 2.36%
	Disintegration Time	NMT - 30 Minutes	7 Minute 40 Sec
	Lead:	Not More Than—2.5mg/kg	0.22mg/kg
	Cadmium:	Not More Than—1.5mg/kg	BLQ(LOQ-0.016mg/kg)
	Mercury:	Not More Than—1.0mg/kg	BLQ(LOQ-0.015mg/kg)
	Tin:	Not More Than—250mg/kg	BLQ(LOQ-0.20mg/kg)
	Copper:	Not More Than—30mg/kg	1.61mg/kg
	Methyl Mercury:	Not More Than—0.25mg/kg	BLQ(LOQ-0.026mg/kg)
	Arsenic:	Not More Than—1.1mg/kg	0.17mg/kg
	Microbial Limit Test		
	Total Bacterial Count	Not More Than-1000cfu/gm	54cfu/gm
	Yeast Count	Not More Than-100 cfu/gm	11cfu/gm
	Salmonella SP	To be Absent	Absent
	Staphylococcus Aureus	To be Absent	Absent
	Listeria Count	To be absent	Absent

Assay: Each Film coated tablet contains:

Ingredients	Claim	Obtained	Limits
Calcium Algae (elemental calcium)	500mg	99.36%	90.0% to 110.0%
Vitamin D3 (Vitamin D3)	600IU	155.14%	Not less than-90.0%
Vitamin K2-7	45mcg	121.61%	Not less than-90.0%
Magnesium Citrate eq.to elemental Magnesium	385mg	98.25%	90.0% to 110.0%
Sulphate Monohydrate eq.to elemental zinc	17mg	99.87%	90.0% to 110.0%

Remarks: In the opinion of the undersigned the sample submitted complies with the prescribed standard of quality with respect to the above test as per IHS.

Analysis by:

[Signature]
17/11/25

Checked by:

[Signature]
17/11/25

Approved by:

[Signature]
17/11/25