



# PRACHIN CHEMICAL

## CERTIFICATE OF ANALYSIS

The DRUGS AND COSMETICS ACT 1940 and the RULES there under


Product Name: Calcium Citrate-USP45	
Batch No.: PR/P/CT-0059/24	A.R. No.: PR/P/CT-0059/24
Mfg. Date: Aug-24	Sample Qty : 2 x 40 gm
Exp. Date: Jul-29	Sample Drawn: 08/08/24
Batch Size :2015 kg	Testing Date: 08/08/24
Mfg. Lic. No.: G/25/1653	Completion Date: 11/08/24

Sr. No	TESTS	RESULTS	SPECIFICATION
1	Description	White powder	A White odorless crystalline Powder.
2	Solubility	Passes	Freely soluble in diluted 3 N hydrochloric acid and in diluted 2 N nitric acid; slightly soluble in water; insoluble in alcohol.
3	Identification (A)	Complies	(A) A White precipitate is formed.
	(B)	Complies	(B) A voluminous white precipitate is formed, and it is soluble in hydrochloric acid.
4	Loss on drying	11.9%	10.0 % to 13.3 %
5	Arsenic	Not detected	NMT 3 ppm
6	Fluoride	Complies	NMT 0.003%
7	Acid-insoluble substances	0.12%	NMT 0.2 %
8	Lead	Not detected	NMT 10ppm
9	Assay (On dried base)	99.6%	97.5 % to 100.5 %

**REPORT:** In the opinion of the undersigned, the sample submitted complies with the USP specification.


Signature of QC Chemist

Date:

  
11/08/24


Signature of QC in charge

Date:

  
11/08/24

Signature of QA in charge

Date:

  
11/08/24