

Certificate of Analysis

Product: Calcium Citrate, USP/FCC Grade

Item Number: CACIGU

CAS#: 5785-44-4

Grade: USP/FCC

Lot Number: 5002337/2.1

Manufacture Date: 06/30/2026

Expiration Date: 05/29/2031

Country of Origin: India

Tested Property	Specification	Analysis
Appearance	A fine white, odorless, crystalline powder	Pass
Solubility	Soluble in 3N HCl and 2N Nitric Acid	Pass
	Insoluble in alcohol, slightly soluble in water	Pass
ID Test A:	To Pass the Test	Pass
ID Test B:	To Pass the Test for Calcium	Pass
Fluoride	NMT 0.003%	<0.003%
Heavy Metals	NMT 0.002%	<0.002%
Limit of acid-insoluble substances	NMT 0.2% (10 mg)	0.15%
Assay, By Titration	98 - 102%, dried basis	99.39%
Loss on Drying (LOD)	10.0 - 13.3%	10.58%
Arsenic	NMT 3 ppm	<3 ppm
Lead	NMT 10 ppm	<10 ppm
Bulk Density	NLT 0.20 gm/mL	0.218 gm/mL
Tapped Density	NLT 0.25 gm/mL	0.31 gm/mL
Particle Size Distribution	NMT 1.0% Retention on 200 Mesh	0.16%

Store in cool, dry, and well-ventilated place.

[Calcium Citrate, USP/FCC Grade](#)

Note: The information and recommendations of Lab Alley concerning this product are based upon

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