LAB ALLEY
ESSENTIAL CHEMICALS

Certificate of Analysis

Product: Calcium Citrate, USP/FCC Grade
Item Number: CACIGU
CAS#: 5785-44-4
Grade: USP/FCC
Lot Number: 5002706/1.1
Manufacture Date: 07/07/2025
Expiration Date: 07/06/2030
Country of Origin: United States

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:	White precipitate formed	Pass
ID Test B:	Voluminous white precipitate formed	Pass
Fluoride	NMT 0.003%	Pass
Heavy Metals	NMT 20 ppm	Pass
Limit of acid-insoluble substances	NMT 0.2% w/w	0.65% w/w
Assay (on dry basis)	97.5 - 100.5% w/w	99.61% w/w
Loss on Drying (LOD)	10.0 - 13.3% w/w	11.38% w/w
Arsenic	NMT 3 ppm	Pass
Lead	NMT 10 ppm	Pass
Calcium Content	20 - 22%	Pass
Mesh Size	100% passing 100 mesh	Pass

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 laboratory tests and experience. To the best of our knowledge and belief these are true and accurate, however Lab Alley assumes no obligation or liability for the information in this document. Since

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