

PRODUCT SPECIFICATION SHEET

Calcium Citrate, USP/FCC Grade

Product Specification (CAS RN: 5785-44-4)

Test	Specification	Typical Results
Appearance	A fine white, odorless, crystalline powder.	Complies
Assay by titration	98.0 to 102.0% on dried basis	99.36%
Identification A	To comply the test	Complies
Identification B	To comply the test for Calcium	Complies
Solubility	Freely soluble in diluted 3N hydrochloric acid and in diluted 2N nitric acid; very slightly soluble in water; insoluble in alcohol.	Complies
Impurities A: Arsenic (As)	Maximum 3 ppm	<3 ppm
Impurities B: Lead	NMT 10 ppm	<10 ppm
Impurities C: Fluoride	NMT 0.003%	<0.003%
Impurities D: Heavy metals	NMT 0.002%	<0.002%
Limit of acid-insoluble substances	NMT 0.2% (10mg)	0.12%
Loss on Drying (LOD)	10.0%-13.3%	10.45%

Appropriate/legal use of this product is the responsibility of the user.

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