



PRODUCT SPECIFICATION SHEET

Calcium Citrate, Lab 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	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
Impurities B: Lead	NMT 10 ppm	<10
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.

[Calcium Citrate, Lab Grade](#)

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