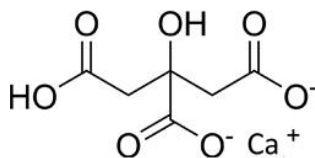




Calcium Citrate



Description

Calcium Citrate can be used as a calcium supplement, in acidic or slightly acidic beverages and juices, milk products and other nutritional supplements. It can also be used in Food Industry.

Specifications (USP)

TESTS	SPECIFICATIONS
Description	White odorless, crystalline powder.
Solubility	Slightly soluble in water, freely soluble in diluted 3 N hydrochloric acid and in diluted 2N nitric acid; insoluble in alcohol.
<u>Identification</u>	(A) A white precipitate is formed. (B) A voluminous white precipitate is formed, and it is soluble in hydrochloric acid.
Loss on drying	Between 10.0 % and 13.3 %, dry it at 150 ^o for 4 hours.
Arsenic	Not more than 3 µg/g
Limit of fluoride	Not more than 0.003%
Limit of acid – insoluble Substances	Not more than 0.2%
Lead	Not more than 0.001 %
Heavy metals	Not more than 0.002 %
Assay	97.5% to 100.5% (on dried basis)

Application and Effects

It is mainly used for Calcium supplements. It increase absorption rate of drugs in human body by 28%.

