TABRIZ PHARMA
Tabriz Chemical and Pharmaceutical Ind.

Physico-Chemical Specification of product

Calcium Citrate tetrahydrate

Name / Internal code: Calcium Citrate tetrahydrate (3201017)
Sampling SOP: SOP/QC-027
Precaution: SDS/PR-006
Testing SOP: SOP/QC-126
Specification code: QC/CCT-011
Validity date: 1 year

No.	Chemical Analysis	Specifications	Reference
01	Characteristics	A white, odorless, crystalline powder	USP2024
02	Identification A, B	According to USP requirements	USP2024
03	Solubility	Freely Soluble in diluted 3N hydrochloric acid and in diluted 2N nitric acid; slightly soluble in water; insoluble in alcohol.	USP2024
04	Acid- insoluble substances	Max. 0.2%	USP2024
05	Arsenic	Max. 3 ppm	USP2024
06	Fluoride	Max. 0.003%	USP2024
07	Lead	Max. 10 ppm	USP2024
08	Loss on drying	10.0-13.3%	USP2024
09	Assay	98.0-102.0 %	USP2024

Remark: Not applicable

Packing and storage: Keep in well-closed container & dry place

QC Manager: 11.05.2024

QA Manager: Faridi 11.05.2024

QA APPROVED
By:
Date: 11.05.2024