TABRIZ PHARMA
Tabriz Chemical and Pharmaceutical Ind.

Physico-Chemical Specification Of Product

Tribasic Calcium Phosphate

Name / Internal code: Tribasic Calcium Phosphate (3202022)
Sampling SOP: SOP/QC-027
Precaution: SDS/PR-014
Testing SOP: SOP/QC-093
Specification code: QC/TCP-019
Validity date: 1 year

No.	Chemical Analysis	Specifications	Reference
01	Characteristics	A white or almost white powder	BP2022
02	Solubility	Practically insoluble in water. It dissolves in dilute hydrochloric acid and in dilute nitric acid.	BP2022
03	Identification A,B,C	According to BP requirements	BP2022
04	Chlorides	Max. 0.15%	BP2022
05	Fluorides	Max. 75 ppm	BP2022
06	Sulfates	Max. 0.5%	BP2022
07	Arsenic	Max. 4 ppm	BP2022
08	Iron	Max. 400 ppm	BP2022
09	Acid-insol. matter	Max. 0.2%	BP2022
10	Loss on ignition	Max. 8.0 %	BP2022
11	Assay	35.0- 40.0%	BP2022

Additional test:

No.	Chemical Analysis	Specifications	Reference
01	Bulk density	0.2-0.5 g/cm^3	In house

Remark: Not Applicable

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

QC Manager: Tahere 08.05.2024

QA Manager: Faridi 08.05.2024

QA APPROVED
By: Shafieh
Date: 08.05.2024

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