TABRIZ PHARMA
Tabriz Chemical and Pharmaceutical Ind.

Physico-Chemical Specification Of Product

Calcium Hydrogen Phosphate Anhydrous(granular)

Name / Internal code: Calcium Hydrogen Phosphate Anhydrous (granular) (3202066)
Sampling SOP: SOP/QC-027
Precaution: SDS/PR-003 **Testing SOP:** SOP/QC-100
Specification code: QC/g-CHA-012 **Validity date:** 1 years

No.	Chemical Analysis	Specifications	Reference
01	Characteristics	White, odorless, tasteless powder	USP2024
02	Identification A,B	According to USP requirements	USP2024
03	Solubility	Practically insoluble in water and in alcohol. Freely soluble in 3 N hydrochloric acid and in 2 N nitric acid	USP2024
04	Carbonates	According to USP requirements	USP2024
05	Limit of acid-insoluble sub.	Max. 0.2 %	USP2024
06	Chlorides	Max. 0.25 %	USP2024
07	Fluorides	Max. 50 ppm	USP2024
08	Sulfates	Max. 0.5 %	USP2024
09	Arsenic	Max. 3 µg/g	USP2024
10	Barium	According to USP requirements	USP2024
11	Loss on ignition	6.6 - 8.7 %	USP2024
12	Assay	97.5 -102.5%	USP2024

Additional test:

No.	Chemical Analysis	Specifications	Reference
01	Bulk Density	0.9-1.4 g/cm^3	In house
02	Passed Through 50 mesh	Min. 98.0%	In house
03	Passed Through 100 mesh	Min. 95.0%	In house
04	Passed Through 200 mesh	25.0-60.0%	In house
05	Passed Through 325 mesh	Max. 10.0%	In house

Remark: Not Applicable

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

QC Manager : 27.03.2024

QA Manager: 27.03.2024

QA APPROVED
By:
Date: 27.03.2024

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