



Specification

Calcium Phosphate Dibasic Anhydrous USP

Catalog Number: CP1009
CAS Number: 7757-93-9
Synonym(s): Calcium hydrogen phosphate
Molecular Formula: CaHPO_4
Molecular Weight: 136.06
Storage: 15°C – 30°C
Retest Period: Three years from date of manufacture.

Test	Specification
Appearance	White powder
Assay	98.0 – 103.0%
Identification Test A (Calcium) Test B (Phosphate)	Positive Positive
Moisture	≤ 0.5%
Acid Insolubles	≤ 0.2%
Loss on Ignition	6.6 – 8.5%
Calcium	Report
Phosphorous	Report
Aluminum	≤ 10ppm
Barium	To meet requirements
Carbonate	To meet requirements
Fluoride	≤ 0.005%
Mono/Tri Calcium Phosphates	To meet requirements
Sulfate	≤ 0.5%
Heavy Metals	≤ 30ppm
Arsenic	≤ 3ppm
Iron	≤ 400ppm
Lead	≤ 2ppm
Magnesium	≤ 1,000ppm
Manganese	Report
Residual Solvents	To meet requirements
Aerobic Plate Count	≤ 1,000cfu/g
Yeast & Mold Count	≤ 100cfu/g
Total Coliforms	Negative
Median Particle Size	To meet requirements

Approved:

Date: September 29, 2015



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