



## Certificate of Analysis

### Calcium Phosphate Tribasic FCC

**Catalog Number:** CP1011  
**Lot Number:** 0417701  
**CAS Number:** 12167-74-7  
**Molecular Formula:**  $\text{Ca}_5(\text{OH})(\text{PO}_4)_3$   
**Molecular Weight:** 502.31  
**Storage:** 15°C – 30°C  
**Date of Manufacture:** January 27, 2017  
**Retest Date:** January 27, 2020

Test	Specification	Result
Appearance	White powder	Conforms
Assay	34.0 – 40.0%	38.2%
Identification		
Test A (Calcium)	Positive	Conforms
Test B (Phosphate)	Positive	Conforms
Residue on Ignition	≤ 10.0%	3.1%
Aluminum	≤ 5ppm	0.22ppm
Dibasic Salt and Calcium Oxide	13.0 – 14.3mL/g	13.4mL/g
Fluoride	≤ 0.0075%	0.0002%
Heavy Metals	≤ 30ppm	1.23ppm
Arsenic	≤ 1ppm	0.1ppm
Lead	≤ 1ppm	0.01ppm
Manganese	≤ 2ppm	0.1ppm
Aerobic Plate Count	≤ 1,000cfu/g	< 1,000cfu/g
Yeast & Mold Count	≤ 100cfu/g	< 100cfu/g
Total Coliforms	Negative	Negative
Coulter Median	≤ 3.4μm	2.8μm
Particle Size	≤ 40μm	18.9μm

Approved by:

Date: April 17, 2017

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