

**NAME AND CODE****Calcium Phosphate Tribasic, FCC, E341 (iii) Low HM Ultrafine Powder**

Code 2169

CHEMICAL FORMULA $\text{Ca}_5(\text{OH})(\text{PO}_4)_3$ Mol. Weight 502.31**CAS NUMBER**

12167-74-7

USE

Nutrient; Dietary Supplement

DESCRIPTION

White ultrafine powder

CHEMICAL SPECIFICATION**TESTS****SPECIFICATIONS****Identification**

| | |
|---------------------------------|---------------------------------|
| A | Positive for PO_4 |
| B | Positive for Ca |
| C (Solubility) | Passes Test |
| Assay (as Ca) | 34.0 - 40.0% |
| Assay for E341 (iii) | 90% minimum |
| Aluminum | 5 ppm maximum |
| LOI | 8.0% maximum |
| Arsenic (As) | 1 ppm maximum |
| Lead (Pb) | 1 ppm maximum |
| Cadmium (Cd) | 1 ppm maximum |
| Mercury (Hg) | 0.1 ppm maximum |
| Manganese | 2 ppm maximum |
| Dibasic Salt / CaO | 13.0 – 14.3 mL of 1N HCl / g |
| Fluoride | 50 ppm maximum |
| Heavy Metals | 10 ppm maximum |
| Phosphorous Pentoxide | 38.5 – 48.0% |
| Laser Diffraction Particle Size | |
| Median | 3.4 um maximum |
| Maximum Size | 40 um |

Microbial Test Results

| | |
|----------------------|--------------------|
| Aerobic Plate Count | 1000 cfu/g maximum |
| Yeast and Mold Count | 100 cfu/g maximum |
| Total Coliforms | Negative |

CONTAINERS

50 kg / 110 lb. fiber drums; 25 kilogram packs EU only

STORAGE

Store in a clean, dry warehouse in the original unopened containers.

REVISION DATE

06/20/17