

**NAME AND CODE**

**Tribasic Calcium Phosphate, NF / EP,  
Low Aluminum, Ultrafine Powder**

Code 2264

**CHEMICAL FORMULA**

$\text{Ca}_5(\text{OH})(\text{PO}_4)_3$

Mol. Weight 502.31

**CAS NUMBER**

12167-74-7

**USE**

Nutrient; Dietary Supplement; Pharmaceuticals

**DESCRIPTION**

White Ultrafine powder

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

A

Positive for  $\text{PO}_4$

B

Positive for Ca

C

Assay Compliance

Assay (as Ca)

35.0 - 40.0%

Aluminum

5 ppm maximum

Magnesium

0.1% maximum

LOI

8.0% maximum

Water Soluble Substances

0.5% maximum

Acid Insoluble Substances

0.2% maximum

Carbonate

To Pass Test

Chloride

0.14% maximum

Sulfate

0.5% maximum

Arsenic

3 ppm maximum

Barium

To Pass Test

Dibasic Salt / CaO

13.0 - 14.3 mL of

1N HCl / g

Fluoride

0.0075% maximum

Nitrate

To Pass Test

Heavy Metals

30 ppm maximum

Iron

0.04% maximum

**Microbial Test Results**

Aerobic Plate Count

1000 cfu/gm maximum

Yeast and Mold Count

100 cfu/gm 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**

02/24/09