

**NAME AND CODE****Magnesium Phosphate Dibasic FCC Ultrafine Powder**

Code: 2562

**CHEMICAL FORMULA** $MgHPO_4 \cdot 3H_2O$ 

Mol. Wt. 174.33

**CAS NUMBER**

7757-86-0

**USE**

Nutrient; dietary supplement

**DESCRIPTION**

White powder; odorless

**CHEMICAL SPECIFICATION****TESTS****SPECIFICATIONS**Assay (as  $Mg_2P_2O_7$ )

96.0% minimum

Arsenic

3 ppm maximum

Fluoride

25 ppm maximum

Lead (Pb)

2 ppm maximum

LOI

29.0-36.5%

Solubility in HCl

Clear/colorless

Identification

Test A

Pass Test

Test B

Pass Test

Coulter Laser Diffraction

10  $\mu$ m maximum**MAGNESIUM CONTENT**

Anhydrous Basis

19.4% minimum

Trihydrate Basis

13.4% minimum

**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**

06/14/10