Dimagnesium Phosphate

# General Characteristics:

**Formula:** MgHPO4·3H2O

**Molecular weight:** 174.33

**Appearance:** White powder or white crystalline

**Odor:** Odorless

**CAS Number:** 7782-75-4

**EINECS No.:** 231-823-5

Slightly soluble in water, Insoluble in alcohol, but

**Solubility**

# Uses:

soluble in dilute acid

* Nutritional supplement
* PH regulator agent
* Anti -caking agent
* Stabilizing agent
* Acidity regulator in food

# Packing and Storage:

* 15kg/20kg net paper bag and PE bags sealed inside.
* Store in a well-closed bag at room temperature, protect from light, moisture and pest infestation.
* Shelf life--- two years

# Microbiological Specification:

Total viable count 1000CFU/gr.max

Yeast&Molds 25CFU/gr.max

E.Coli Absent in 10 gr.

# GMO-Status:

The product is a non GMO product and is free from any recombinant DNA

# Irradiation/Radioactivity:

Yunbo’s Dimagnesium Phosphate was never subjected to any kind of ionized irradiation and contains no radioactivity not even in minor amounts.

# BSE/TSE:

No raw materials from bovine origin are used nor are any bovine constituents present in the product.

# Specifications(FCC/USP):

|  |  |  |
| --- | --- | --- |
| **Test Parameter** | **FCC** | **USP** |
| Appearance (bulky, white powder) | Passes Test | Passes Test |
| Identification magnesium | Passes Test | Passes Test |
| Identification phosphate | Passes Test | Passes Test |
| MgO | **/** | ≥33.0% |
| Assay（Mg2P2O7) | ≥96.0% | ≥96.0% |
| Fluoride | ≤25.0ppm | ≤10.0ppm |
| Arsenic (As) | ≤3.0ppm | ≤1.0ppm |
| Lead (Pb) | ≤2.0ppm | ≤1.0ppm |
| Mercury | **/** | ≤1.0ppm |
| Cadmium | **/** | ≤1.0ppm |
| Loss on Ignition | 29.0%~36.0% | **/** |

