

Pyridoxal-5-Phosphate Powder

Product Characteristics

| | |
|-------------------|--------------------|
| Appearance | Pale yellow powder |
| Country of origin | China |

| Physical Profile | Method | Specification |
|----------------------|--------|---|
| Identification by IR | | Complies with standard |
| Solubility | | Sparingly soluble in water Soluble in alkali-OH solution |
| Melting point | | 140.0 – 145.0°C |
| Moisture | KF | ≤ 10% |
| Heavy metals | | ≤ 10 ppm |
| Cadmium | | ≤ 0.5 ppm |
| Arsenic | | ≤ 1.5 ppm |
| Lead | | ≤ 0.5 ppm |
| Mercury | | ≤ 0.1 ppm |
| pH | | 2.6 - 3.0 |
| Residue solvents | | |
| Tolulene | | ≤ 890 ppm |
| Ethanol | | ≤ 5000 ppm |
| Purity | HPLC | ≥ 99% |
| Assay | HPLC | 98.5 – 101.0% |

Microbiological Profile

| | |
|-------------------|--------------|
| Total plate count | ≤ 1000 cfu/g |
| Yeast and mold | ≤ 100 cfu/g |
| E. Coli | Negative |
| Salmonella | Negative |
| Pseudomonas | Negative |
| P. Aeruginosa | Negative |

Storage

Store in tight containers, protected from light, moisture and heat.