

**NAME AND CODE****Potassium Phosphate Dibasic USP Powder**

Code 2666

**CHEMICAL FORMULA** $K_2HPO_4$ 

Mol. Wt. 174.18

**CAS NUMBER**

7758-11-4

**USE**Oral Care; Nutrient; Dietary Supplement; Pharmaceuticals;  
Laboratory Reagent; Fermentation and Cell Cultures**DESCRIPTION**

White, powder product

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

Assay	98.0-100.5%
pH of 5% solution	8.5-9.6
Insoluble Matter	0.2% maximum
LOD @ 105°C	1.0% maximum
Chloride (Cl)	0.03% maximum
Sulfate (SO <sub>4</sub> )	0.1% maximum
Heavy Metals (as Pb)	0.001% maximum
Iron (Fe)	0.003% maximum
Sodium (Na)	To Pass Test
Arsenic (As)	3 ppm maximum
Carbonate (CO <sub>3</sub> )	To Pass Test
Fluoride (F)	0.001% maximum
Monobasic or Tribasic Salt	To Pass Test

**Microbial Test Results**

Aerobic Plate Count	1000 cfu / gram maximum
Yeast and Mold Count	100 cfu / gram maximum
Total Coliforms	Negative

**CONTAINERS**

68.2 kg / 150 lb fiber drums; 25 kilogram packs EU only

**STORAGE**

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

**REVISION DATE**

11/05/08