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## S P E C I F I C A T I O N

### Vitamin D<sub>3</sub> Powder 500,000iu/g EP5/USP28/BP2002

Product Name	Vitamin D <sub>3</sub> powder 500,000iu/g
Molecular Formula	C <sub>27</sub> H <sub>44</sub> O
CAS	67-97-0
Molecular Weight	384.7
Ingredient	Vitamin D <sub>3</sub> , starch, gelatin, sucrose, vegetable oil, BHT
Antioxidant	BHT
Appearance	off-white to yellow-brownish free-flowing particles powder
Assay	500,000 IU/g~550,000IU/g
Loss on drying	≤ 5.0%
solubility	Insoluble in water
Sieve Analysis	100% Through 20# Sieve (US) ≥90% Through 40# Sieve(US) ≤15% Through 100# Sieve(US)
Microbiological Spec.	
Total Plate Count	≤1000CFU/gm
Mould & Yeast	≤100CFU/gm
Coliforms	Negative
E.Coli	Negative
Salmonella	Negative
Stability	Sensitive to moisture, oxygen, heat and light. It has a shelf life of 24 months when stored in the original unopened container under below 15□.
Packing	25 kg paper drum or according to demand
Storage	Store in tightly closed original container, protected from light, in the place of the temperature below 15°C.
Packaging	25 kg heat-sealed, laminated foil bag in a cardboard box.
Notice	1 milligram of cholecalciferol is equivalent to 40 000 IU