

[Product Name]: Vitamin D3 Cholecalciferol Powder Feed Grade

[Chemical Formula]: $C_{27}H_{44}O$

[CAS]: 67-97-0

[Product Performance]:

Vitamin D3 is used as a precursor for calcium and phosphorus metabolic hormones. It is closely associated with sunshine, i.e., the "sunshine vitamin". It is insoluble in water although soluble in fat (or fat solvents), as well as under high temperature conditions and as a result of oxidation in neutral and alkaline solutions.

[Certificate of Analysis]:

Testing Item	Standard	Result
Vitamin D3 Content	≥500,000IU/g	506,800IU/g
Appearance	White Or Almost White Crystals	Conforms
Identification	EP/USP	Positive
Specific optical rotation	+105.0℃~+112.0℃	+109.6℃
Loss on drying	≤5.0%	4.1%
As	≤1 mg/kg	0.1 mg/kg
Heavy metals(pb)	≤20 mg/kg	3 mg/kg
Granularity	① 100%go through the sieve of 0.85mm (US standard mesh sieve No.20) ② More than 85% go through the sieve of 0.425mm (US standard mesh sieve No.40)	① 100% ② 97.6%

[Storage]: Store in a climate controlled, insulated, dry, and ventilated location. Avoid moisture at all times. Please handle carefully to prevent container damage and be sure to stockpile in a location that does not contain toxic substances.

[Packing]: Net weight 25kg per bag or 25kg per drum.

[Loading]: 10MT/20FCL'; 10MT/20FCL' with pallets

[Shelf Life]: Two years (when properly stored)