

Product Data



Provitas® D₃-400SD

Product Description-

D₃-400SD is a uniform water-soluble powder, which is off-white to cream in color with a bland odor and taste. The active ingredient, cholecalciferol is dissolved in MCT oil and homogenized with non-GMO modified food starch and maltodextrin and then dried to a uniform powder. BHA and BHT are added as antioxidants.

TEST	SPECIFICATIONS
Description:	Solid - powder
Color:	Off-white to cream
Odor:	Bland
Moisture: Karl Fischer Moisture, %	≤ 5
Assay: Cholecalciferol, IU/g	≥ 400,000
Heavy Metals: Arsenic, ppm Cadmium, ppm Lead, ppm Mercury, ppm	<1.0 <0.3 <1.0 <0.1
Microbial purity: APC, cfu/g Coliforms, cfu/g Yeast & mold, cfu/g E. Coli, cfu/g Staphylococcus aureus, cfu/g Salmonella, cfu/g	<1,000 <100 <100 Negative Negative Negative
Residual Solvents (RS): USP <467>	Meets USP Requirements ¹

1. Specification is informational and not part of release testing but is determined by the use of USP grade vitamin D₃ that meets USP (RS) specifications. Water is the only solvent used in the production of D₃-400SD powder.

Uses-

D₃-400SD is intended for the fortification of vitamin D₃ in foods, beverages and powdered nutritional supplements.

Solubility-

D₃-400SD is soluble in water

Stability-

The shelf life in sealed, original containers under normal storage conditions is 24 months after the date of manufacture.

Tariff Code/HTS#-

2936.29.5020

Storage-

Store in tightly closed containers in dry conditions below 20°C. Protect from moisture, heat, light and oxygen.

Packaging-

PRODUCT CODE PACKAGE /	PACKAGING DETAILS	OPTIMUM ORDER QUANTITIES
PV22100 100gm Sample	Aluminum pouch 100 gram net weight 4" x 6" (10cm x 15cm)	Each / 100gm
PV22153 25kg carton	Fiber carton w/plastic liner 25kg net weight 26kg gross weight 15"x11"x22" (38cm x 28cm x 56cm) 27kg gross weight (over pack) 22"x14"x14" (56cm x 36cm x 36cm) 1 layer of 9 cartons Maximum 3 layers / pallet	25kg Per 40" x 48" pallet: 225kg 675kg