

## Product Data



### Provitas® EA500SF

#### Product Description-

EA500SF is a GMO-free uniform water-soluble powder that is light cream to tan or beige in color with a bland odor and taste. All components of EA500SF are free of GMO materials. The active ingredient, d- $\alpha$  tocopheryl acetate is derived from sunflower oil distillate, and is produced by suitable physical and chemical means. The active ingredient, d- $\alpha$  tocopheryl acetate is homogenized with conventional gum acacia and dried to a uniform powder. Silicon dioxide is added for flow.

TEST	SPECIFICATIONS
Description:	Solid - powder
Color:	Cream to beige
Odor:	Bland
Identification: Identity (A) Optical Rotation (B) GC Peak Retention Time (C)	Red to orange color develops $\geq +24^\circ$ 95.0% - 120.0%
Moisture: %	$\leq 5$
Assay: d- $\alpha$ tocopheryl acetate, IU/g	$\geq 500$
Heavy Metals: Arsenic, ppm Cadmium, ppm Lead, ppm Mercury, ppm	<1.5 <0.3 <1.0 <0.2
Microbial purity: APC, cfu/g Coliforms, cfu/g Yeast & Mold, cfu/g E. Coli, cfu/g Staphylococcus aureus, cfu/g Salmonella, cfu/g	$\leq 1,000$ <100 <100 Negative Negative Negative
Residual Solvents (RS): USP <467>	Meets USP Requirements <sup>1</sup>
Benzo (a) pyrene:	$\leq 1$ ppb <sup>2</sup>

1. Specification is informational and not part of release testing but is determined by the use of USP grade vitamin E that meets USP (RS) specifications and water is only solvent used in the production of EA500SF
2. Specification is informational and not part of release testing but is based on specification and lot specific analysis provided for d-alpha tocopherol used in the production of EA500SF

**Uses-**

EA500SF is intended for use as a natural-sourced GMO-free vitamin E in foods, beverages and powdered nutritional supplements.

**Solubility-**

EA500SF is soluble in cold water

**Stability-**

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

**Storage-**

Store in tightly closed containers in cool and dry conditions. Protect from moisture, heat, light and oxygen.

**Packaging-**

PRODUCT CODE PACKAGE /	PACKAGING DETAILS	OPTIMUM ORDER QUANTITIES
<b>PV16000</b>  <b>100gm Sample</b>	Aluminum pouch 100 gram net weight 4" x 6" (10cm x 15cm)	each / 100gm
<b>PV16053</b>  <b>25kg carton</b>	Fiber carton w/plastic liner 25kg net weight 26kg gross weight 12"x12"x20" (31cm x 31cm x 51cm)  1 layer of 9 cartons Maximum 3 layers / pallet	Per 40" x 48" pallet:  225kg 675kg