

## Product Data



### EA500SF/S

#### Product Description-

EA500SF/S is a non-GMO uniform free-flowing powder, which is light cream to beige in color with a bland odor and taste. 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 adsorbed onto a silicon dioxide carrier.

TEST	SPECIFICATIONS
Description:	Solid - powder
Color:	Cream to beige
Odor:	Bland
Identification:	
Identity (A)	Red to orange color develops
Optical Rotation (B)	$\geq +24^{\circ}$
GC Peak Retention Time (C)	95.0% - 120.0%
Assay:	
d- $\alpha$ tocopheryl acetate	$\geq 500$ IU/gm (336 mg/gm)
Heavy Metals:	
Arsenic	<1.5 ppm
Cadmium	<2.5 ppm
Lead	<3.0 ppm
Mercury	<1.5 ppm
Microbial purity:	
APC, cfu/g	$\leq 1,000$
Coliforms, cfu/g	<100
Yeast & mold, cfu/g	<100
E. Coli, cfu/g	Negative
Staphylococcus aureus, cfu/g	Negative
Salmonella, cfu/g	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. No additional solvents are used in the production of EA500SF/S
2. Specification is informational and not part of release testing but is based on lot specific analysis provided for d-alpha tocopheryl acetate used in the production of EA500SF/S

**Typical Values-**

Particle size: ~250 micron

**Uses-**

EA500SF/S is intended for use as natural vitamin E in dietary supplements and fortified foods.

**Solubility-**

EA500SF/S is insoluble in water

**Stability-**

The shelf life in sealed, original containers under normal storage conditions is 12 months after the date of manufacture.

**Storage-**

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

**Packaging-**

PRODUCT CODE PACKAGE /	PACKAGING DETAILS	OPTIMUM ORDER QUANTITIES
<b>PV10000</b>  <b>100gm Sample</b>	Aluminum pouch 100 gram net weight 4" x 6" (10cm x 15cm)	each / 100gm
<b>PV10000</b>  <b>25kg carton</b>	Fiber carton w/plastic liner 25kg net weight 26kg gross weight 15"x11"x20" (38cm x 28cm x 51cm)  1 layer of 10 cartons Maximum 3 layers / pallet	Per 40" x 48" pallet:  250kg 750kg