

TECHNICAL DATA SHEET

LIPOSOMAL VITAMIN E (DL-A-TOCOPHEROL ACETATE, 45%–50%)

Product Identification

- Product Name: Liposomal Vitamin E
- Active Ingredient: dl- α -Tocopherol Acetate
- Concentration: 45%–50%
- Delivery Form: Liposomal powder
- Appearance: Light yellow to yellow fine powder
- Solubility: Water-dispersible (liposomal encapsulated)
- Odor: Mild, characteristic

Specifications

Test Item	Specification	Test Method
dl- α -Tocopherol Acetate	45% – 50%	HPLC
Appearance	Light yellow to yellow powder	Visual
Identification	Positive	HPLC/IR
Particle Size	100% through 80 mesh	Sieve Analysis
Moisture Content	$\leq 5.0\%$	Loss on Drying (USP)
Heavy Metals (Pb, As, Cd, Hg)	≤ 10 ppm	ICP-MS
Total Plate Count	$\leq 1,000$ cfu/g	USP
Yeast & Mold	≤ 100 cfu/g	USP
E. coli	Negative	USP
Salmonella	Negative	USP

Functional Benefits

- Provides strong antioxidant support
- Helps protect cells from oxidative damage
- Supports immune and skin health
- Liposomal delivery enhances absorption and bioavailability

Applications

- Dietary supplements (softgels, capsules, powders)

- Functional foods and beverages
- Beauty and skin health formulations

Storage & Shelf Life

- Storage: Store in a cool, dry place away from light and moisture
- Shelf Life: 24 months in sealed original packaging

Packaging

- Standard Pack: 1kg/foil bag, 25kg/drum
- Customization: Available on request

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