

**Vitapherole® EP-500 Acetate Non GMO**  
(d-alpha tocopheryl acetate powder)**Names:**

Chemical name: d-alpha tocopheryl acetate  
INCI name: tocopheryl acetate.

The raw material of “Vitapherole® EP-500 acetate Non GMO” is the “Vitapherole® E-1000 acetate Non GMO” which specifications are available upon request.

**Identification:**

Name: d-alpha tocopheryl acetate  
Empirical formula: C<sub>31</sub>H<sub>52</sub>O<sub>3</sub>  
Molecular weight: 473  
CAS: 58-95-7

**Standards:**

Current EP and USP. Kosher certified, Halal certified. Produced under ISO 9001 standards. IP Certified Non GMO.

**Colour:** Clear, white to cream fine powder

**Taste:** Bland, characteristic

**Odour:** Bland to none

**Density:** 0.35-0.60 g/cm<sup>3</sup>

**Vitamin E content:** 367.7 mg/g (minimum)  
(as d-alpha tocopheryl acetate)  
(GC analysis Vitae Method ITO-02-L)

**Composition:**

Carrier: 50% of SiO<sub>2</sub> (free flowing type)  
d-alpha tocopheryl acetate conc. 50% min

**Potency:** 500 I.U./g (min.)

**Acidity:** Passes USP and EP tests  
(d- α-tocopheryl acetate)

**Irradiation:** This product has not been irradiated

**Heavy metals (total):** Passes USP

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<b>Loss on drying</b>	< 5%	
<b>Particle size</b>	90% ≥ 400 µm (40 Mesh)	
<b>Microbiological tests (cfu/g):</b> (EP, RD 3177/83)	<b>E. Coli:</b>	None/g
	<b>Salmonella:</b>	None/10 g
	<b>Lysteria Monocytogenes:</b>	None/10 g
	<b>Shigella:</b>	None/10 g
	<b>Clostridium Perfringens:</b>	None/g
	<b>Staphylococcus Aureus:</b>	None/g
	<b>Enterobacter:</b>	Max. 100/g
	<b>Total Aerobic Count:</b>	Max. 1000/g
	<b>Yeast &amp; Moulds:</b>	Max. 100/g
<b>Residual solvents:</b>	Passes USP	
<b>Benzo (a) pyrene:</b>	< 2 ppb	(as per EC regulation 208/2005 published on February 4, 2005.)

**Solubility:**

Insoluble in water and organic solvents.

**Stability:**

Stable to air. Unstable to alkali and acid conditions.

**Storage:**

“Vitapherole®EP-500 acetate Non GMO” is stable to air. Protection from light, heat, alkaline, moisture environments are recommended. Store tightly closed.

**Shelf life:**

4 years from packaging date. (Unopened)

**Packaging:**

20 kg carton drums with plastic interior bag are supplied for this product. Other packages upon request.

**Labelling:**

All products produced using “Vitapherole®EP-500 acetate Non GMO” may be labelled as “natural source Vitamin E”.

**Vitapherole® EP-500 Acetate Non GMO**  
*(d-alpha tocopheryl acetate powder)****Uses:***

“Vitapherole® EP-500 acetate Non GMO” is widely used in nutrition as dietary supplement: hard gel capsules and multivitamins

***Other information:***

All orders and samples requested will be sent together with an Analysis Certificate. Material Safety data Sheet is available upon request.

Contact us through our fax: +34 925 851021; tel: +34 925 851013; e-mail: [quality@vitaenaturals.com](mailto:quality@vitaenaturals.com) or through our web-site at: [www.vitaenaturals.com](http://www.vitaenaturals.com) and your request will be attended by our local representative.

*All information contained here is intended to be accurate. Anyway, this document is provided for your guidance only. We recommend testing the product for your particular purpose, prior to be used in the industrial process.*