

**Vitapherole® E-250 Acetate WS Non GMO**  
(d-alpha tocopheryl acetate)**Names:**

Chemical name: d-alpha tocopheryl acetate. 2R, 4'R, 8'R – alpha tocopheryl acetate. Vitamin E acetate water soluble.

INCI name: tocopheryl acetate

**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. Halal certified. Produced under ISO 9001 standards. Non GMO.

**Ingredients:**

- a) d-alpha tocopheryl acetate Non GMO. CAS-Nr. 58- 95-7
- b) Emulsifier

|                                |   |
|--------------------------------|---|
| <b>Appearance:</b>             | Clear, pale yellow viscous oil              |
| <b>Odour:</b>                  | Little to none                              |
| <b>Colour (Gardner units):</b> | Max. 10                                     |
| <b>Viscosity (20°C):</b>       | 350 - 480 cP                                |
| <b>Acidity:</b>                | Passes USP and EP tests                     |
| <b>Specific gravity 25°C:</b>  | 0.98 – 1.05 g/cm <sup>3</sup>               |
| <b>Vitamin E content:</b>      | 184 mg/g d-alpha tocopheryl acetate Non GMO |
| <b>Potency:</b>                | 250 I.U. /g                                 |
| <b>Irradiation:</b>            | This product has not been irradiated        |
| <b>Heavy metals (total):</b>   | Passes USP                                  |

**Vitapherole® E-250 Acetate WS Non GMO**  
(*d*-alpha tocopheryl acetate)

|   |                                 |             |
|---|---------------------------------|-------------|
| <b>Microbiological tests (cfu/g):</b><br>(EP, RD 3177/83) | <i>E. Coli:</i>                 | None/g      |
|   | <i>Salmonella:</i>              | None/10 g   |
|   | <i>Lysteria Monocytogenes:</i>  | None/10 g   |
|   | <i>Shigella:</i>                | None/10 g   |
|   | <i>Clostridium Perfringens:</i> | None/g      |
|   | <i>Staphylococcus Aureus:</i>   | None/g      |
|   | <i>Enterobacteriaceae:</i>      | max. 100/g  |
|   | <i>Total Aerobic Count:</i>     | max. 1000/g |
|   | <i>Yeast &amp; Moulds:</i>      | max. 100/g  |

**Solubility:**

Water soluble.

Only for acceleration of the solubilisation process: The water should be heated to 35°C and the solubilisate to 37°C.

**Stability:**

Unstable to light, heat, alkali and oxidizing conditions.

**Storage:**

Store tightly closed, in a dark place at room temperature.

**Shelf-life:**

36 months from packaging date (unopened in original container). Keep the product between 15°C and 30°C. This product contains no preservatives.

**Packaging:**

20 and 190 kg containers are supplied for this product.

**Labelling:**

All products produced using “Vitapherole® E-250 acetate W.S. Non GMO” may be labelled as “natural source Vitamin E”.

**Uses:**

“Vitapherole® E-250 acetate W.S. Non GMO” widely used in nutrition as dietary supplement in high potency and small size soft gelatine capsules. It is also widely used for cosmetics preparations.

**Vitapherole® E-250 Acetate WS Non GMO**  
(d-alpha tocopheryl acetate)***Other information:***

All orders and samples requested will be sent together with an Analysis Certificate. The 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 to 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.***