

Vitapherole® E-1250 Acetate Non GMO
(d-alpha tocopheryl acetate)**Names:**

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

Identification:

Name: d-alpha tocopheryl acetate
Empirical formula: C₃₁H₅₂O₃
Molecular weight: 473
CAS: 58-95-7

Standards:

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

Molecular weight:

473

Appearance:

Clear, pale yellow viscous oil

Taste:

Mild, characteristic

Odour:

Little to none

Viscosity (60°C):

90 - 100 cP

Specific gravity 25°C:0.93 – 0.96 g/cm³

Vitamin E content: 919 mg/g (minimum) – 81 mg/g (max) sunflower dilution oil
(as d-alpha tocopheryl acetate)
(GC analysis Vitae method ITO – 02 – L)

Potency:

1250 I.U./g (min.)

Acidity:

Passes USP and EP tests

Irradiation:

This product has not been irradiated

Specific rotation:(α)_D²⁵. Min. +24° (for 100% concentration)**Heavy metals (total):**

Passes USP

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Microbiological tests (cfu/g): (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 & Moulds:</i>	max. 100/g
Residual solvents:	Passes USP	
Colour (Gardner units):	Max. 8	
Benzo (a) pyrene:	< 2 ppb	(as per EC regulation 208/2005 published on February 4, 2005.)

Solubility:

Insoluble in water. Soluble in ethanol, animal fats and vegetable oils, essential and mineral oils, miscible with organic solvents.

Stability:

Stable to light, heat and acid. Unstable to alkali and oxidizing conditions.

Storage:

“Vitapherole® E-1250 acetate Non GMO” may oxidize upon exposure to air and light, resulting in gradual darkening. Nitrogen blanketing and protection from light, heat and alkaline environment are recommended. Store tightly closed.

Shelf life:

48 months from packaging date (unopened).

Packaging:

20 and 190 kg containers are supplied for this product.

Labelling:

All products produced using “Vitapherole® E-1250 acetate Non GMO” may be labelled as “natural source Vitamin E”.

Vitapherole® E-1250 Acetate Non GMO
*(d-alpha tocopheryl acetate)***Uses:**

“Vitapherole® E-1250 acetate Non GMO” widely used in nutrition as dietary supplement in high potency and small size soft gelatine capsules. It is also widely used for cosmetic preparations.

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 or through our web-site at: 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.