

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:

Complies with USP 31, EP 6.0

Standards:

EP 2008, USP 31. Kosher certified, Halal certified. Produced under ISO 9001 standards. 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/cm ³

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) _D ²⁵ . Min. +24° (for 100% concentration)
Heavy metals (total):	Passes USP

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Microbiological tests (cfu/g): (EP 6.0, 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 in the 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.

Storing:

“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. Shelf life 4 years from packaging date (unopened). Store tightly closed. Keep the product between 15°C and 35°C.

Packaging:

20 and 190 kg containers are supplied for this product.

Labeling:

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

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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.

Assays frequency:

ASSAYS	FREQUENCY	METHOD
*Microbiological	Biannual	Microbiological test USP
Gardner colour	Each batch	Colorimetric method
*Residual solvents	Biannual	Gas Chromatography/USP 31
*Heavy Metals	Biannual	Atomic Absorption Spectrophotometry USP 31
*Specific Rotation	Annual	Photoelectric Polarimeter USP 31
*Pesticides (Organophosphorus and Organochlorine)	Biannual	HRGC-MS
*Benzo (a) pyrene	Each batch	HPLC
*Dioxines and PCB´s	Annual	HRGC/HRMS

* Analysis realized by External Laboratories

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: juanms@vitaecaps.com or through our web-site at: www.vitaecaps.com and your request will be attended by our local representative.

All information contained here is intended to be accurate. However we suggest prior laboratory tests before industrial process.