

Vitapherole® TP-350 PA Non GMO
(Mixed tocopherols concentrate)**Names:**

Chemical name: mixed tocopherols

INCI name: tocopherol

The raw material of “Vitapherole® TP-350 PA Non GMO” is the “Vitapherole® T-70 Non GMO” which specifications are available upon request.

Identification:

<u>Name</u>	<u>Empirical formula</u>	<u>Molecular weight</u>	<u>CAS</u>
d-alpha tocopherol	C ₂₉ H ₅₀ O ₂	430.69	59-02-9
d-beta tocopherol	C ₂₈ H ₄₈ O ₂	416.66	16698-35-4
d-gamma tocopherol	C ₂₈ H ₄₈ O ₂	416.66	54-28-4
d-delta tocopherol	C ₂₇ H ₄₆ O ₂	402.64	119-13-1

Standards:

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

Colour: Clear, white to cream granulated powder

Taste: Bland, characteristic

Odour: Bland to none

Density: 0.35-0.60 g/cm³

Tocopherols content: 350 mg/g (minimum)

(as mixed tocopherols)

(GC analysis Vitae Method ITO-02-L)

Composition:

Carrier: SiO₂ compressing type (powder)

Ascorbyl Palmitate

Mixed tocopherol concentrate: 35% min

Heavy metals (total): Passes USP

Vitapherole® TP-350 PA Non GMO
(Mixed tocopherols concentrate)

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

Irradiation: This product has not been irradiated

Solubility:

Insoluble in water and organic solvents.

Stability:

Stable to air. Unstable to alkali and acid conditions.

Storage:

“Vitapherole® TP-350 PA Non GMO” is stable to air. Protection from light, heat, alkaline, moisture environments are recommended. Store tightly closed.

Shelf Life:

12 months from packaging date.

Packaging:

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

Labeling:

All products produced using “Vitapherole® TP-350 PA Non GMO” may be labelled as “natural source Vitamin E”.

Uses:

“Vitapherole® TP-350 PA Non GMO” is widely used in nutrition as dietary supplement.

Vitapherole® TP-350 PA Non GMO
(Mixed tocopherols concentrate)***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.