

**Vitasterol® S-80 Non GMO**  
*Mixed phytosterols concentrate (99% min.)***Names:**

Chemical name: phytosterols.

**Description:**

“Vitasterol® S-80 Non GMO” is a white-yellowish granulated free-flowing powder having a slight characteristic vegetable oil aroma. “Vitasterol® S-80 Non GMO” is a concentrated form of phytosterols (mainly Beta-sitosterol, Campesterol and Sitostanol) from tall oil.

**Standards:**

Produced under ISO 9001 standards, current GMPs, Non GMO, IP Certified, Kosher, Halal.

**General Characteristics:**

Appearance:	White, yellowish, granulated free-flowing powder
Odour:	Slightly vegetable oil
Specific gravity 25°C:	0.4 – 0.7 g/cm <sup>3</sup>

**Standard Specifications:**

**Total phytosterols content (%):** min. 99  
(GC analysis Vitae Method IT- 02 – L)

<b>Beta-sitosterol (min/max):</b>	70 – 80	<b>Brassicasterol (max):</b>	3
<b>Campesterol (max):</b>	15	<b>Campestanol (max):</b>	5
<b>Stigmasterol (max):</b>	2	<b>Sitostanol (max):</b>	15
<b>Other sterols (max):</b>	3		

**Heavy metals:** Passes current USP and EP

**Physical state:** Solid

**Solubility in water:** Almost insoluble

**Pesticides:** Undetected

**Percent volatiles:** Passes current USP and EP

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

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<b>Microbiological tests (cfu/g):</b> <b>(EP, RD 3177/83)</b>	<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

**Uses:**

“Vitasterol® S-80 Non GMO” is widely used in food preparations or supplements as LDL cholesterol reducer. It is also used for cosmetics preparations for its emulsifying, stabilizing and emollient properties.

“Vitasterol® S-80 Non GMO” is used also a raw material in corticosteroid drugs production.

**Storage:**

A long exposure to air and light could result in gradual darkening. Protection from light, heat and alkaline environment are recommended. Store in tightly closed containers.

**Shelf Life:**

48 months at least from packaging date.

**Packaging:**

20 Kg containers are supplied for this product. There are also 500 kg big bags.

**Labelling:**

All products produced using “Vitasterol® S-80 Non GMO” may be labelled as “plant sterols”.

**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.***

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