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A large, thick, light green heart shape is centered on the right side of the page. The heart is filled with a fine, grid-like pattern of light green lines. The background of the right side of the page is a gradient of green and yellow, with a white wavy line at the bottom.

# Vitasterol<sup>®</sup>

Mixed phytosterol and mixed phytosterol esters



**Vitasterol®** is a natural and vegetable product which reduces “bad” cholesterol levels and risks of cardiovascular diseases.

The capacity of **Vitasterol®** to reduce cholesterol level comes from the similarity between cholesterol and plant sterols which fight in the intestine to get room in their transport means. Therefore, plant sterols block the way of cholesterol to liver: **Vitasterol®**.

The efficacy of plant sterols and plant sterol esters has been verified in more than 40 randomised, placebo-controlled, double-blind trials with different kind of patients. These studies were conducted with 2 gram per day or more of plant sterol esters. Serum total and LDL cholesterol were significantly reduced between 8% and 17%.

Food authorities in some European Union countries have evaluated plant sterols as safe before placing the product into the market, and all European regulation related to Novel Food recommend that daily intake should not exceed 3 g.

**Vitae Caps** has European Union authorization in all EU food approved categories under regulation EC 258/97.

- **Vitasterol®** is available in several forms to fit your application needs.
- **Vitasterol®** is mixed phytosterols which are typically used as nutritional supplement.
- **Vitasterol® WD** is adequate for beverages.
- **Vitasterol® S-80** is used as novel food ingredient in different applications: yellow fat spreads, milk, cheese and yoghurt based products, soya drinks, salad dressings, rye bread, spicy sauces (including mayonnaise), milk based beverages with fruits or cereals, rice drinks and oil.

Our phytosterols comes from soya IP or pine tree.

Oils									
Product	Concentration	Form	Physical properties						
Vitasterol® S-80 Esterified	**min 98%	mixed phytosterols esters	light yellow viscous oily paste at room temperature and clear oil at 50° C	x	x	x	x	x	
POWDERS									
Product	Concentration	Form	Physical properties						
Vitasterol® S-80 (95%)	min 95%	mixed phytosterols	white to cream fine powder	x				x	
Vitasterol® S-80 (99%)	min 99%	mixed phytosterols	white granular free flowing powder	x				x	
WATER DISPERSIBLE POWDERS									
Product	Concentration	Form	Physical properties						
Vitasterol® S-80 WD	*	mixed phytosterols in a carrier	white to yellow powder	x	x	x		x	
Vitasterol® S-80 MC	*	mixed phytosterols dispersible	white to yellow powder	x	x	x		x	
Vitasterol® S-80 Esterified WD	70%	phytosterol esters dispersible	white to yellow powder	x	x	x		x	
*Concentration will depend on carrier system. **min 60% free sterols									

Food Supplements

Yellow fat spreads

Milk, yoghurt and cheese

Soya drinks, rice drinks

Salad dressings, oil

Rye bread

Spicy sauces