

# PhytoD3™

## Vegan Vitamin D3 Ingredients

### Overview

**PhytoD3™** is Vitamin D3 (Cholecalciferol) produced using a 100% non-GMO vegetable source. It is suitable for vegans and vegetarians and is registered with the Vegan Society.

**PhytoD3™** is available in Oil and Powder formats.

**PhytoD3™** technology is patent pending and uses a proprietary process. **PhytoD3™** ingredients are suitable for use across Foods, Nutraceuticals, and animal nutrition applications.

### 100% plant-source

**PhytoD3™** is produced from a non-GMO vegetable source up-cycled from bio-diesel manufacturing and is 100% sustainable and scalable.

**PhytoD3™** is produced as pure crystal Cholecalciferol rather than as a Vitamin D3-rich plant extract. On this basis it can be used as a direct replacement for animal-source Vitamin D3 (e.g. Lanolin) and can be labelled in the same way.

### Extensively tested

**PhytoD3™** has undergone extensive testing using Independent Expert laboratories. NMR has been used to demonstrate that it is chemically-identical to Vitamin D3 of animal-origin. Rigorous testing has been conducted to demonstrate the stability of **PhytoD3™**.

### Quality manufacturing

**PhytoD3™** ingredients are produced in the USA at a cGMP, SQF Level II certified, FDA compliant, Halal & Kosher certified, FSMA compliant facility.

### PhytoD3™ Ingredients

<b>PhytoD3™ 1miu/g Oil</b>	Vitamin D3 (1,000,000iu/g) in Fractionated Coconut Oil (MCT)
<b>PhytoD3™ 100,000iu/g Powder</b>	Vitamin D3 (100,000iu/g) in a microencapsulated CWS powder.

### Vitamin D3 “approximately 87%” more potent than D2

**PhytoD3™** is universally acceptable Vitamin D3 and means Vegans and Vegetarians do not need to settle for inferior Vitamin D2.

As concluded in a 2011 study published in the Clinical Journal of Endocrinology Metabolism, Vitamin D3 is “approximately 87% more potent” than D2.

### Vegan Society approved

**PhytoD3™** is proud to be approved by the Vegan Society.

This follows full disclosure of our technology and detailed review by the Vegan Society’s scientific team.

### PhytoD3™ applications

**PhytoD3™** is a direct replacement for animal-source Vitamin D3 (inc. Lanolin). Being plant-source and Vegan approved, **PhytoD3™** opens new opportunities.

Applications include:

- Foods & drinks
- Childrens’ products
- Nutritional supplements

### Summary

**PhytoD3™** is a direct alternative to animal-source Vitamin D3:

- 100% plant-source Vitamin D3
- Patent-pending
- Non-GMO
- Vegan Society approved
- Kosher and Halal certified
- Manufactured in USA
- FDA and Health Canada compliant
- Produced to the highest quality standards
- Sustainable and responsible sourcing

