

# Vegan D3

## Algae Derived Vitamin D3 Powder



### What is VeganD3™?

**Vegan D3™** is a plant-based vitamin D3 powder **produced from microalgae** and engineered for potency, stability, and clean-label appeal. It delivers **120,000IU per gram** in a microencapsulated matrix designed to protect cholecalciferol from moisture and oxygen for improved shelf stability and performance.

With an inclusion as small as **6.67mg per serving** to supply 800IU, Vegan D3 transforms everyday products into rich sources of vitamin D3 at a cost of less than a cent per serving. The powder is **tasteless, odorless, and fully dispersible** in hot or cold systems, making it ideal for capsules, tablets, gummies, beverages, and functional foods. Vegan D3 is the fastest, lowest-cost upgrade you can make.

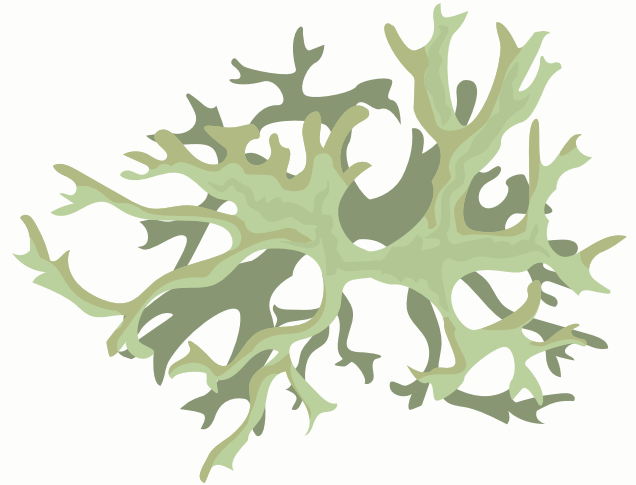
### Why VeganD3™?

#### 1 Ultra High Potency

Standardized to **120,000IU/g**, Vegan D3 reaches common label targets with a tiny inclusion. That dosage efficiency lowers cost per serving versus lower-potency options, adding **meaningful nutrition** with minimal impact on solids and budget.

#### 2 Microencapsulated for Stability

A protective matrix surrounds D3 oil droplets to **shield them from moisture and oxygen**, supporting reliable potency and shelf-life performance in finished goods. This stability lets you plan tighter overages and keep label claims on spec across capsules, tablets, gummies, and beverages.



### Why Vegan D3 Exists

Most vitamin D3 on the market comes from **lanolin**, a waxy substance extracted from sheep's wool. While effective, it doesn't align with vegan, plant-based, or certain religious dietary standards.

Vegan D3 changes that. **Sourced from microalgae**, it delivers the same highly bioavailable form of vitamin D3, without animal inputs, making it the clear choice for **plant-based, ethical, and clean-label products**.

## 3 Zero Sensory Impact

The powder has **no discernible taste or odor** and blends cleanly in hot or cold systems, so it will not alter flavor profile, clarity, or mouthfeel. You add a **vitamin upgrade** consumers value, without changing how the product looks or tastes.

## 4 Label Friendly

Derived from **microalgae** rather than lanolin, Vegan D3™ aligns with vegan and **plant-based positioning** while supporting a clean-label story. Tiny inclusions meet nutrition goals without disrupting certifications or forcing formulation trade-offs.

# Making Sense of Vitamin D Units

### What IU Really Means

Vitamin D3 potency is expressed in International Units (IU), where 1 IU = 0.025 µg. That means the FDA Daily Value of 800IU equals just 20 µg of pure vitamin D3, a surprisingly small amount of nutrient with a big role in health.

### The FDA Daily Value

Adults are recommended to get 800 IU (20 µg) daily, yet over half fall short. Because Vegan D3™ is standardized to 120,000IU per gram, you can meet this full daily value with less than 7mg of powder per serving.

### How to Translate IU into Product Formulation

Vegan D3 is standardized to 120,000IU per gram, making it simple to convert IUs into milligrams for your formula:

- 400 IU → 3.33 mg Vegan D3™
- 600 IU → 5.00 mg
- 800 IU (100% DV) → 6.67 mg
- 1,000 IU → 8.33 mg

### Specifications

**Shelf Life:** 18 months      **Solubility:** Freely Soluble to Water  
**Dose:** 6.67mg      **Appearance:** White Powder  
**Format:** Bulk Powder      **Taste:** None

### Claims:

- Non-GMO
- Gluten Free
- Vegan
- Self-Affirmed GRAS