

# Aqua-proVita D<sub>2</sub> new

## INCI & CFDA

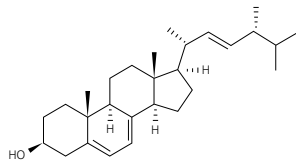
Dipropylene Glycol, Hydroxypropyl Cyclodextrin, Lecithin, Phytosterols

## Benefit

The vegan Vitamin D<sub>2</sub> through exclusive stabilization technology

## New solution

### Ergosterol



### Ergosterol(Ergocalciferol) = Vegetable Vitamin D(D<sub>2</sub>)

Equivalent to animal vitamin D(D<sub>3</sub>, cholecalciferol) in efficacy

Ergocalciferol(vitamin D<sub>2</sub>)is the synthetic form of **vitamin D that can be formed from the plant steroid**, ergosterol by UV irradiation (Van-Berg, 1997)and it is assumed to have the same biological activity as cholecalciferol. In the cell walls of fungi such as mushrooms and yeasts, they exist in the form of Ergosterol, which is converted to D<sub>2</sub> through ultraviolet light and converted to Calcidiol and Calcitriol.

### Vegan vitamin D



#### Aqua-proVita D<sub>3</sub>-R

- Animal vitamin D
- Extract from wool
- High Conversion to Vitamin D



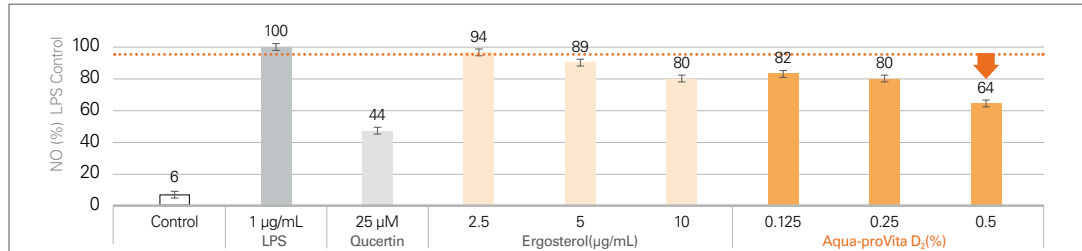
#### Aqua-proVita D<sub>2</sub>

- Vegan vitamin D
- Extract from mushroom
- Mid Conversion to Vitamin D

## Feature

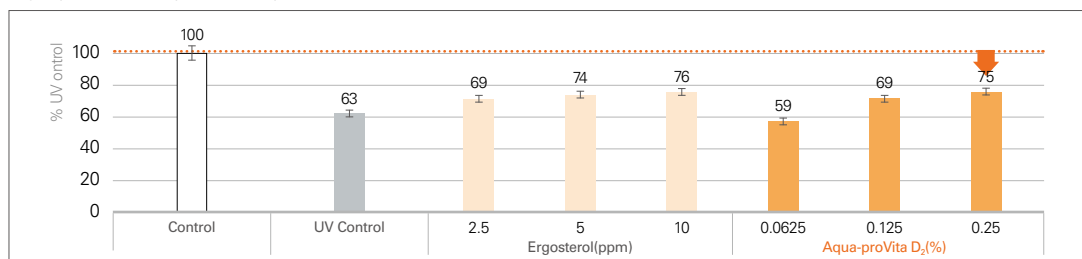
### Anti-inflammation (NO assay)

Aqua-proVita D<sub>2</sub> inhibits 36% inflammatory response at 0.5% concentrations



### Cell Protection: UV-Protection

Aqua-proVita D<sub>2</sub> improves cell protection rate 10% at 0.25%



### Cell Protection: UV-Recovery

Increased by 22% compared to UV treatment group with Aqua-proVita D<sub>2</sub> 1% treatment

