

# VEGAN MATERIALS

**List of ingredients suitable for production of vegan  
nutritional supplements**





# PLANT-BASED COLLAGEN

- COLLAGEN IS COMPOSED OF AMINO ACIDS THAT PROVIDE STRUCTURAL SUPPORT TO THE SKIN, HAIR, NAILS, JOINTS AND CONNECTIVE TISSUES. VOLLAGEN VEGETABLE COLLAGEN IS MADE OF VEGETABLE AMINO ACIDS.
- AS WE AGE, THE PRODUCTION OF COLLAGEN IN OUR BODY DECREASES. AT THE AGE OF 50, COLLAGEN IN HUMAN BODY IS REDUCED BY 50%. THE RESULTS ARE WRINKLES, SAGGING SKIN AND WEAKEND JOINTS. THE ELASTICITY OF CARTILAGES ALSO DECREASES..
- BENEFITS OF COLLAGEN SUPPLEMENTATION:
  - THE AMINO ACIDS IN VOLLAGEN ARE SPLIT AND THEREFORE QUICKLY ABSORBED, THE SKIN IS SOFTER, WRINKLES ARE MORE SMOOTH, THE SKIN COLOR IS UNIFIED AND RADIANT WITH REJUVENATION. IT IS ALSO THE RIGHT NUTRITION FOR JOINTS, FASCIA AND LIGAMENTS.

**vollagen**<sup>®</sup>

# VOLLAGEN®

- VOLLAGEN® IS PRODUCED USING A PATENTED MULTI-STAGE PROCESS OF FERMENTATION AND MICROENCAPSULATION FROM CORN STARCH (NON-GMO).
- THIS PROCESS ENSURES THAT WE MAINTAIN THE EXACT RATIO OF AMINO ACIDS THAT WE NEED. AFTER SIGNING THE TRADEMARK AGREEMENT, IT IS POSSIBLE TO DISPLAY THE LOGO ON THE PACKAGING OF THE MANUFACTURED PRODUCT.
- **VOLLAGEN® IS:**
  - SOLUBLE IN WATER, MAKING IT SUITABLE FOR MANUFACTURE OF INSTANT BEVERAGES
  - COMPOSED OF 18 AMINOACIDS NATURALLY CONTAINED IN ANIMAL COLLAGEN
  - CLINICALLY TESTED, FOR 60 DAYS USING 1000 MG **VOLLAGEN®** IN TWO CAPSULES. 55 WOMEN IN AGE 30-60 REPORTED THE FOLLOWING RESULTS
    - FIRMER, MORE HYDRATED SKIN
    - SOFT WRINKLES ARE REDUCED
    - UNIFIED SKIN TONE
    - DARK CIRCLES WERE LESS PRONOUNCED AND THE EYES LOOKED MORE FRESH
    - SUPPLE, SMOOTHER SKIN
    - REDUCED BLEMISHES AND RASHES
    - THE SKIN LOOKS HEALTHIER AND BRIGHTER
    - THE NAILS ARE STRONGER WITH IMPROVED CONDITION



# VITAMIN D3 VEGAN



- Vitamin D3 in the vegan version is made with **patented technology from Algae** and has 100% **vegetable origin**.
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- The **effectiveness** of vitamin D3 vegan is the **same** as vitamin D3 of animal origin - the molecular composition is the same for both types.
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- Vitamin D3 in the vegan version can be used for the production of pharmaceutical **food supplements**, but also in the **food industry** to **enrich** the **nutritional** value of food.
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- Vitamin D3 vegan can be used in the form of **tablets, liquid drops and sprays** and **vitamin mixes**.
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- Both a **100,000 iu/g** powder version and a **100,000,000 iu/g** oil form are available.
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- Our Vitamin D3 vegan has **Kosher and Halal** certification and does not contain GMO substances. It is registered with the **Vegan Society**.



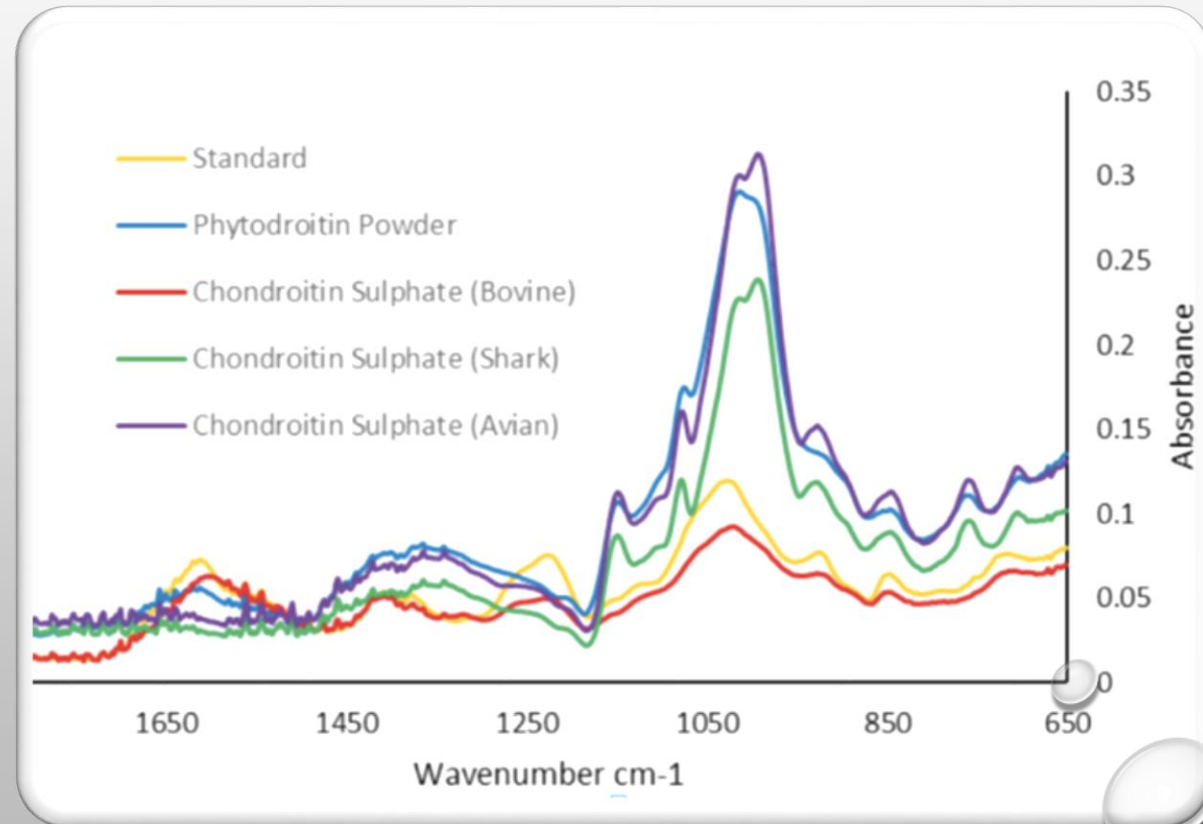
**Phytodroitin™**  
100% plant-origin alternative to Chondroitin

# PHYTODROITIN™ – PLANTBASED ALTERNATIVE TO CHONDROITIN

- Phytodroitin™ is a **plant-based complex** that replaces **chondroitin** produced from shark cartilage.
- Phytodroitin™ **does not contain** any substances of animal origin or **GMO** raw materials.
- Phytodroitin™ **serves athletes** as well as **ordinary people** who want to **nourish their bones** and joints from the **inside**.
- It is also used to support the treatment of arthritis and is an **excellent supplement** for seniors and their **musculoskeletal system**.

# PHYTODROITIN™ – PLANT-BASED ALTERNATIVE TO CHONDROITIN

- **Phydotroitin™** is a specific combination of carefully selected algal extracts rich in mucopolysaccharides together with polysaccharides containing **glucuronic acid and N-acetylglucosamine**.
- Phytodroitin™ is approved by the Vegan and Vegetarian Society. In collaboration with Nottingham Trent University in the United Kingdom, a comparison of the mucopolysaccharide structures of Phytodroitin™ with **Chondroitin Sulfate** of shark, bovine and avian origin was carried out.
- The study shows that mucopolysaccharide structures differ only slightly from those of animal origin. **Recommended daily dose: 400 mg**



# OMEGA 3, 6, 9 – VEGAN

The most common and widespread source of omega 3,6,9 acids is fish and fish products - however, this fact is not favorable for vegans and vegetarians.

Omega 3,6,9 nowadays also exist in a **purely vegan** version!

## Ahiflower®:

- is a refined oil from the seeds of the sedge plant, which grows in the United Kingdom
- **contains the highest quality omega 3 fatty acids** from the entire plant kingdom and fulfills the perfect function of supplementing nutrition for vegans
- It represents the **optimal choice** for the support of cardiovascular complications and supports anti-inflammatory processes
- It is **non-gmo**
- Up to 220 million consumers in 12 developed countries have stopped using fish oil for sustainability reasons. This is a **significant new trend**. The vegan version of omega acids is made from the ahiflower® plant, which grows in the United Kingdom. Ahiflower contains the **highest quality** omega 3 fatty acids from the **entire** plant kingdom and fulfills the perfect function of **supplementing nutrition for vegans**.



# OMEGA 3, 6, 9 – VEGAN - AHIFLOWER®

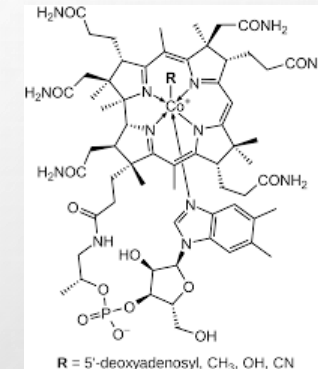
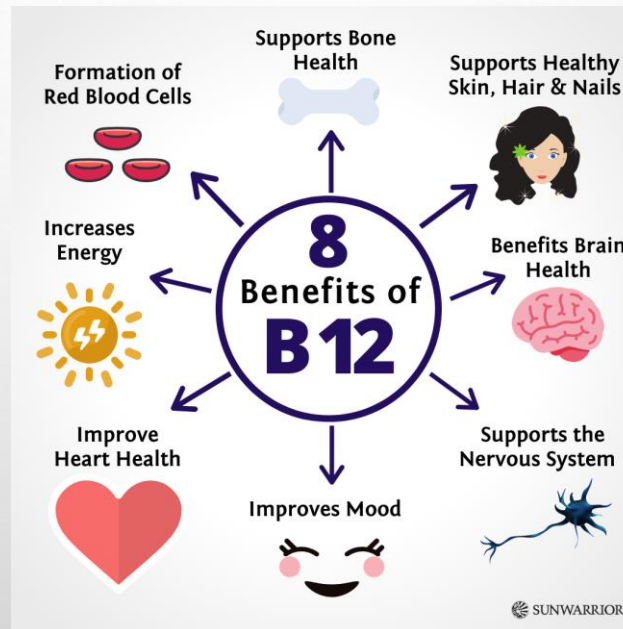
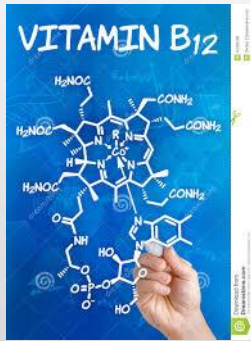
## Advantages of Ahiflower® oil

vs. Flaxseed oil	<ul style="list-style-type: none"><li>• 75% greater adjusted* total omega 3+6</li><li>• 18-20% SDA (Flax 0%)</li><li>• 5-8% GLA, comparable to Evening Primrose oil (Flax 0%)</li><li>• Converts to EPA up to 4X more efficiently</li></ul>
vs. Chia oil	<ul style="list-style-type: none"><li>• 55% greater adjusted* total omega 3+6</li><li>• 18-20% SDA (Chia 0%)</li><li>• 5-8% GLA (Chia 0%)</li></ul>
vs. Echium oil	<ul style="list-style-type: none"><li>• 30% greater adjusted* total omega 3+6</li><li>• 60% more SDA</li><li>• More economical alternative</li><li>• More pleasing sensory properties</li></ul>
vs. Hemp oil	<ul style="list-style-type: none"><li>• 40% greater adjusted* total omega 3+6</li><li>• 10X more SDA</li><li>• 60% more GLA</li><li>• More pleasing sensory properties</li></ul>
vs. Microalgae oil	<ul style="list-style-type: none"><li>• 18% total omega 6 (Microalgae 0%)</li><li>• More economical alternative</li><li>• Sustainable, non-GM, land-based sourcing</li><li>• More pleasing sensory properties</li></ul>



# VITAMIN B12

No vegan should forget to supplement with vitamin B12. Most of the meat-eating population obtains this vitamin from meat and dairy products. However, this does not apply to **vegans**.



Vitamin B12 is a product of *microorganisms* or is produced by chemical synthesis and should not be missing on any vegan's shelf of nutritional supplements.

# PLANT-BASED PROTEIN

„How do you get your protein?“ A question well-known by all vegans.

Today we already know that proteins are found in many foods in a plant-based diet. Legumes, leafy vegetables and nuts are sufficient and rich sources of protein.

However, some of us don't like the color green on our plate and prefer to supplement our protein in another form.

Rice or pea protein is part of our portfolio. It serves to supplement the protein values in the diet and to diversify the overall intake. **One serving (30 g) contains 24 g of protein.**

Protein is a common part of the supplementation of athletes and people working out in fitness centers.

Rice/pea protein tastes great and is easier to digest than classic "whey" milk protein.



# PLANT-BASED MILK

- WHETHER IN **A MORNING CUP OF COFFEE** OR IN VARIOUS DISHES - **WE ALL USE MILK**. VEGANS SHOULD NOT BE AN **EXCEPTION** EITHER. WHY NOT **TREAT YOURSELF** TO THE DELICIOUS TASTE OF MILK WHEN THERE ARE DELICIOUS AND **HIGH-QUALITY MILK SUBSTITUTES**?
- WE HAVE ALTERNATIVES TO POWDERED MILK IN OUR PORTFOLIO. AVAILABLE ALTERNATIVES ARE MADE FROM EITHER **ALMONDS, RICE, TAPIOCA, OATMEAL OR COCONUT**.
- FOR PEOPLE WITH LACTOSE INTOLERANCE, THESE SUBSTITUTES ARE A **TASTY HELP** IN REPLACING DAIRY PRODUCTS, WHICH HAVE AN **EXCELLENT TASTE**.
- IN ADDITION, THEY ARE ENRICHED WITH **NATURALLY OCCURRING VITAMINS**, FIBER AND MINERALS WITH A **LOWER FAT** CONTENT. IN ADDITION, THEY HAVE A **LOW ENERGY VALUE** COMPARED TO COW'S MILK.



Rice Drink Powder

More



Tapioca Drink Powder

More



Almond Drink Powder

More



Oat Drink Powder

More



Coconut Drink Powder

More

## ALMOND VS COW MILK



36 Calories  
0g Sat Fat  
0mg Cholesterol  
45% Vitamin E

\*per cup



150 Calories  
5.2g Sat Fat  
12.2mg Cholesterol  
28% Vitamin E



**WE ARE LOOKING FORWARD TO OUR COOPERATION!**