



hermes consilium



# portfolio.

clinically  
supported  
ingredients





**hydrolyzed marine collagen from fish cartilage for joint health and skin support with a synergetic action of its components**

- **supplier**  
Abyss Ingredients
- **product grade**  
powder suitable for tablets, capsules, sticks, liquid, soft gels and liquid form which needs to be shaken)
- **daily dose**  
1 g
- **stability**  
36 months shelf life
- **certificates**  
Halal

**INDICATIONS**  
JOINT HEALTH  
SKIN HEALTH & BEAUTY

## advantages:

- **synergistic action of collagen proteins (type II)** and glycosaminoglycans (chondroitin sulfate, glucosamine sulfate, hyaluronic acid).
- **highly digestible** low molecular weight peptides
- **gentle eco-friendly** water extraction
- **synergetic effects** for joint health
- **supported by clinical** and pre-clinical evidence

## mechanisms of action:

- **collagen hydrolysate is absorbed intestinally** and accumulated in the cartilage
- **components provide structural molecules** and can stimulate the production of own collagen for healthy joints and skin
- **pain reduction** and mobility improvement



### clinical studies:

- Maia Campos et al., 2021. Oral supplementation with hydrolyzed fish cartilage improves the morphological and structural characteristics of the skin: a double-blind, placebo-controlled clinical study
- **internal study: Clinical study in adult population with moderate knee joint discomfort and loss of functionality** (an exploratory, non-comparative, multi-centric trial): Cartidyss® significantly improves global knee function, reduces joint discomfort, has a significant impact on quality of life

### pre-clinical study:

- Henrotin et al., 2021: Oral supplementation with fish cartilage hydrolysate accelerates joint function recovery in rat model of traumatic knee osteoarthritis



# product examples





## marine collagen hydrolysate from fish skin for healthy skin and joint support

- **supplier**  
Abyss Ingredients
- **product grade**  
powder suitable for capsules, tablets, soft gels and sachets, as a gel-form for beverages, ampoules or syrups
- **daily dose**  
5-10 g
- **stability**  
36 months shelf life
- **certificates**  
Halal



**INDICATIONS**  
JOINT HEALTH  
SKIN HEALTH & BEAUTY

## advantages:

- **>90% collagen peptides**
- **highly digestible** collagen type I peptides
- **low molecular weight** of peptides enables higher digestibility
- **sustainable collagen** from environmentally friendly process
- **marine alternative** to bovine, porcine or chicken collagen

## mechanisms of action:

- **hydrolysate is quickly absorbed** after oral ingestion
- **collagen peptides promote the synthesis of collagen** and elastin and stimulate fibroblast cells
- **collagen hydrolysates** were shown to have anti-inflammatory and antioxidant activity



# product examples

