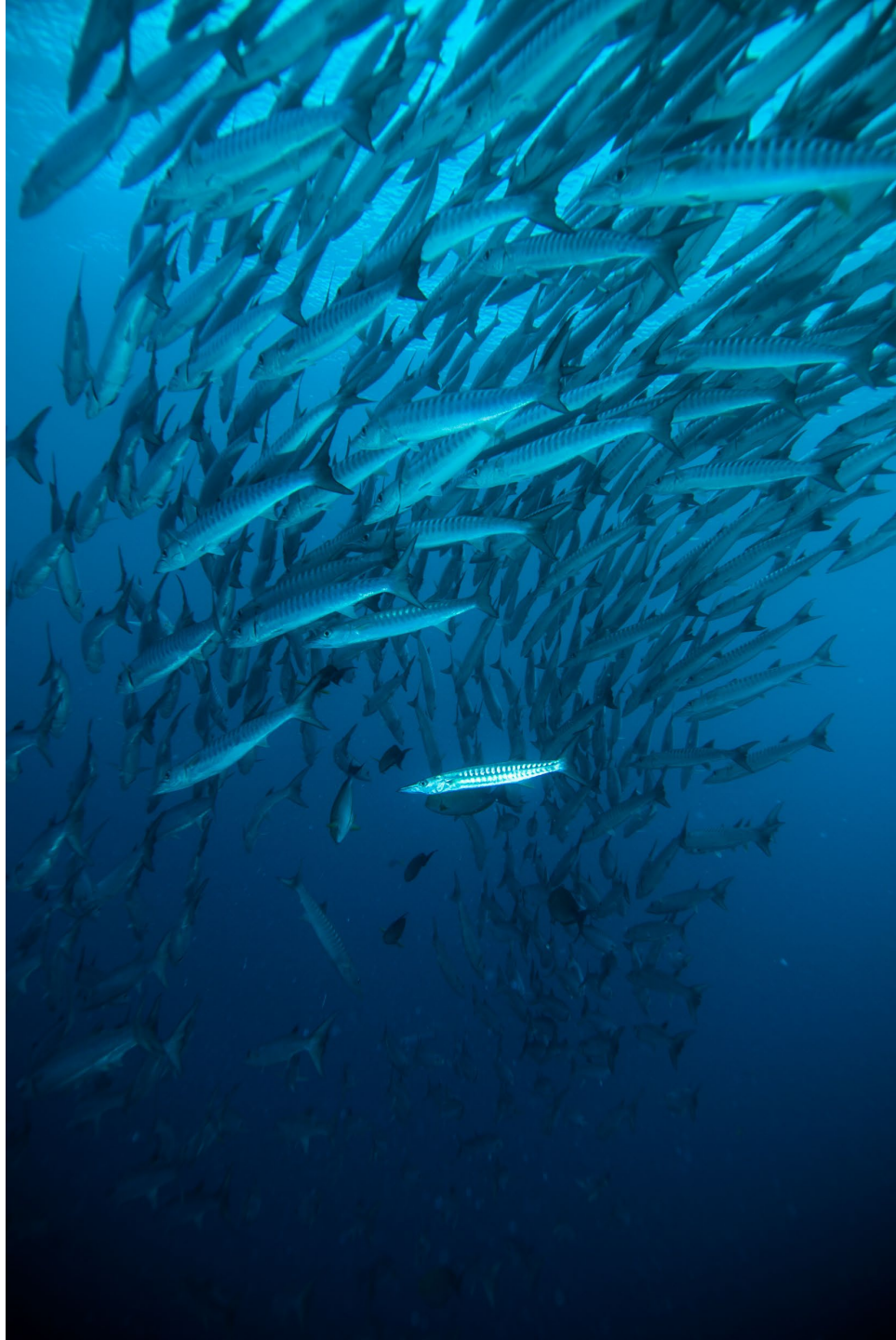



hermes consilium



portfolio.

clinically
supported
ingredients



INDICATIONS
JOINT HEALTH
SKIN HEALTH & BEAUTY



**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

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

