

# PERNAGOLD<sup>®</sup>

## CO<sub>2</sub> Extracted Greenshell<sup>™</sup> Mussel Oil

Our proprietary technology delivers a supercritical CO<sub>2</sub> extracted non-polar lipid fraction rich in marine omega-3. PERNAGOLD<sup>™</sup> has a concentrated delivery mechanism for the Greenshell<sup>™</sup> Mussel anti-inflammatory properties.



Greenshell<sup>™</sup> Mussels, also known as Green Lipped Mussels, have been the subject of decades of research exploring their health supporting properties, many of which have been directly related to their support of joint health, which all started with lipid extracts.

Our PERNAGOLD<sup>™</sup> Greenshell<sup>™</sup> Mussel oil provides naturally occurring non-polar lipids with a wide range of health benefits.

## OUR PROCESS

We sustainably harvest Greenshell<sup>™</sup> Mussels in their pristine New Zealand ocean environment before capturing their nutritional benefits in a 100% natural supercritical CO<sub>2</sub> extracted oil.

Our supercritical CO<sub>2</sub> extraction method concentrates the natural bioactivity and key nutrients:

- Low processing temperature for a superior-quality product.
- Solvent-free oil.
- Non-polar lipid fraction.

## BIOACTIVES CONCENTRATES

- Excellent source of long-chain omega-3 fatty acids, including EPA and DHA.
- Natural vitamins
- 100% natural

## TO SUPPORT

- Inflammation management
- Joint mobility and flexibility
- Respiratory health
- Digestive health





PERNAGOLD™ Greenshell™ Mussel Oil is formulated to harness the science-backed health benefits of Greenshell™ Mussels including improving symptoms of rheumatoid arthritis and osteoarthritis<sup>1</sup>.

LEARN MORE >



1. Miller, M.R.; Abshirini, M.; Wolber, F.M.; Tuterangiwhiu, T.R.; Kruger, M.C. Greenshell Mussel Products: A Comprehensive Review of Sustainability, Traditional Use, and Efficacy. Sustainability 2023, 15, 3912. <https://doi.org/10.3390/su15053912>



## VERTICAL INTEGRATION

Sanford Bioactives is fully integrated, from owning the raw material to overseeing the entire production process, and ensuring a secure supply of high-quality products. Our commitment to the science of mussel breeding and hatchery, advanced farming assets, and unique technology allows us to specialize in cultivating the best mussel spat, harvesting them, and extracting high-quality marine extracts such as Greenshell Mussel powder and oil.

## WHAT SETS SANFORD BIOACTIVES APART



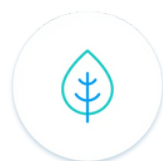
### Efficacy

Selective natural marine resources and unique processing techniques focusing on quality and bioactivity.



### Traceability

Our end-to-end supply chain ensures each product produced can be traced back to source.



### Sustainability

100% natural. Non-GMO. Certified sustainably managed marine inputs.



### Consistency

Secure and consistent supply, meeting demanding specifications.

Brought to you by  SANFORD