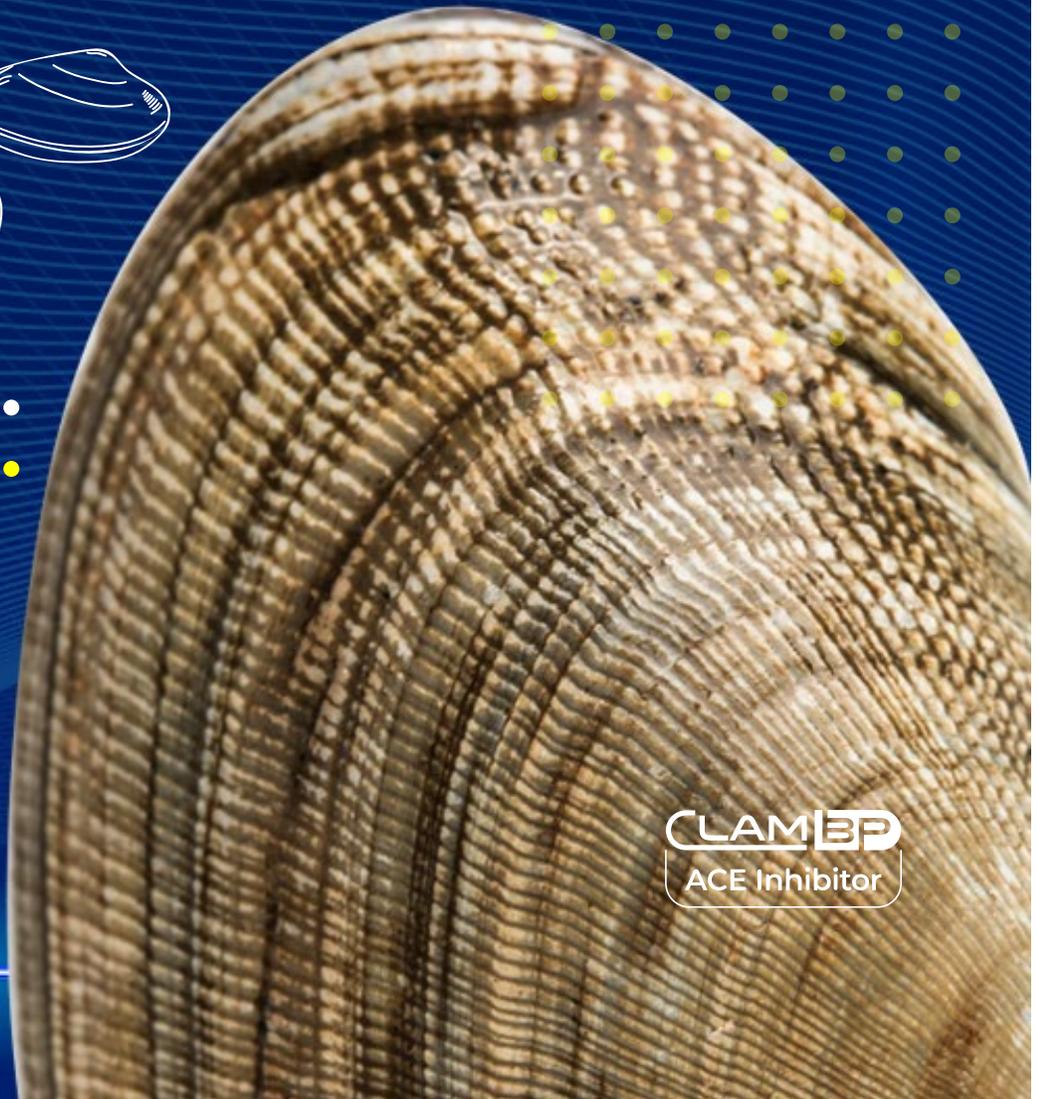
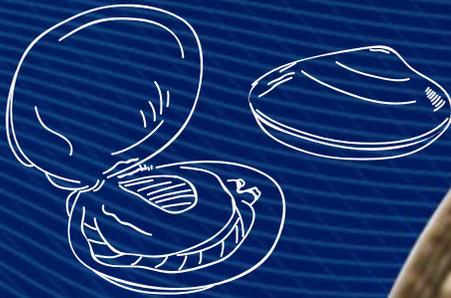


From Origin to Perfection:

ClamBP™ Unlock the Special Functions of Clams



CLAMBP
ACE Inhibitor

INTRODUCTION

Clams are bivalve mollusks, which refers to a type of seafood enclosed by a dual-hinged shell. These types of shellfish reside on the deep ocean floor, making it an exquisite delicacy that is featured most cuisines around the world. This popular shellfish offers exceptional nutrient density that provides a variety of beneficial vitamins and minerals.

With the variety of health benefits, comes the thousands of different species of clam around the world that wildly varies in shape and size. For example, some clams can fit in the palm of your hand, or in the case of the giant clam; they can weigh as much as 440 lbs (200 kg)- with some species of clam living up to 500 years. This property of longevity helps extend the multitude of health benefits that mollusks can bring to overall health.

It's one of the most beneficial clams for overall health is *Ruditapes philippinarum*, is a member of the Veneridae clam family and is widely distributed on the coasts of China, Korea, Japan, America, and Spain. It is considered a delicacy in Asian countries and utilized as medicine to strengthen organs, lower blood sugar, and promotion of blood circulation with a usage history of over 1,000 years.

In ClamBP™ we utilize *R. philippinarum* by extracting the specific peptides through our patented Enzytide™ technology, which is an eco-friendly and targeted enzymolysis process to help break down the protein into its most bioactive component and increase its active ingredients to their highest ability.

What is Enzytide™?

Chenland's Enzytide™ technology is a patented method to manufacture active peptides, including plant/animal peptide and marine peptide. At the start of the production, crushed raw material, pure water and the food grade protease are mixed in an optimized ratio, temperature, PH and time in a tank designated for hydrolysis. At the end of the hydrolytic process, the temperature is increased to 95°C for 10 minutes to inactivate the enzyme proteolytic activity. The hydrolysate and the residue are mechanically separated with the help of a centrifuge.

Through this patented technology, we have established innovative marine peptide delivered from clams. ClamBP™ is clinically proven to be a safe and effective natural solution for hypertensive kidney damage and utilizes a natural marine ingredient avoid the risk of excess side effects caused by heavy medications. It also promotes blood circulation and metabolism, which provides a powerful boost to overall heart and blood vessel health.



Newly Released Data from the Clinical Study

We're proud to announce our brand-new clinical research results focused on ClamBP™.

Recently, a single-center, open-label study is in process to investigate the safety and effectiveness of ClamBP™ at a daily dose of 1,800 mg in lowering blood pressure. 30 men and women aged 18-75 were enrolled with mild to moderate high blood pressure (SP≥140 mm Hg, DP≥85 mm Hg). 11 subjects have completed this study, and the other 9 subjects have been enrolled to start this clinical study and will be completed by the end of 2021.

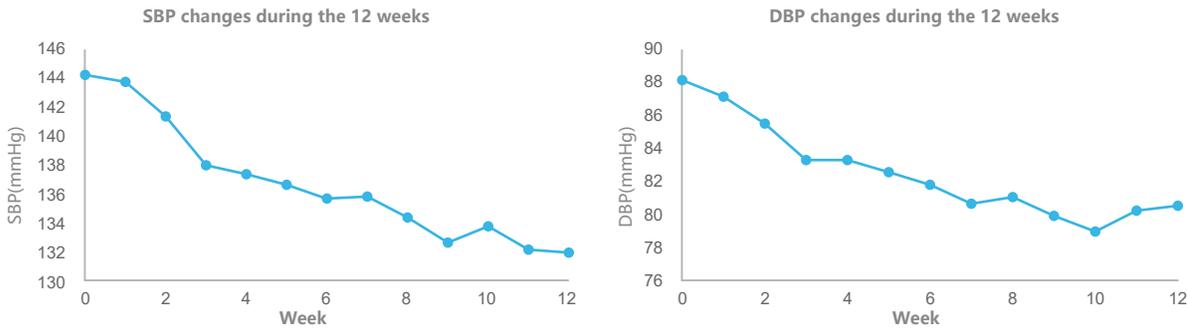
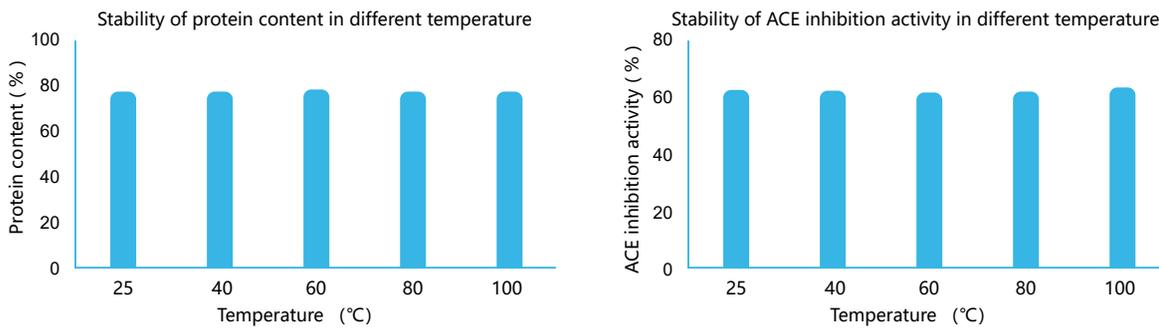


Fig 1: Support healthy blood pressure, asignificant decrease in SBP by 8.5 % and DBP by 8.6% respectively. No adverse events were observed during the study and no changes were found in the hematological analysis.

Additionally, through the quality of life scale results, we found ClamBP™ had the ability to help relieve anxiety, body pain and improve general health.

Stability Studies Update

In dry heat conditions



The data showed that ClamBP™ has stable protein content and ACE inhibition activity after treatment for 2 hours at 25°C, 40°C, 60°C, 80°C and 100°C respectively. The appearance and odor don't change significantly at 25°C, 40°C, 60°C and change to a darker color and a little bitter taste at 80°C and 100°C.

Ready to Know Chenland Better Offline?

A variety of multi-health support brand ingredients developed by Chenland Nutritionals not only meet the source safety and quality, but also to help our partners target more precise consumer groups, providing a full range of services from ingredient deconstruction analysis to product supply. In order to let you know more about Chenland Nutritionals, Inc., we invite you and your representative to attend Natural Product East and SupplySide West of 2021, to speak more about what Chenland Nutritionals can offer.



Upcoming Trade Shows

Natural Products EXPO EAST®
Sept 23-25, 2021 Philadelphia, USA
Booth #3834

Vitafoods Europe
Oct 5-7, 2021 Geneva, Switzerland
Booth #E299

Herbridge
Oct 20-22, 2021 Guangzhou, China
Booth #A5

SupplySide WEST
Oct 25-28, 2021 Las Vegas, NV, USA
Booth #5681

中国国际进口博览会 CHINA INTERNATIONAL IMPORT EXPO
Nov 5-10, 2021 Shanghai, China
Booth #TBA



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Enriching Quality of Life