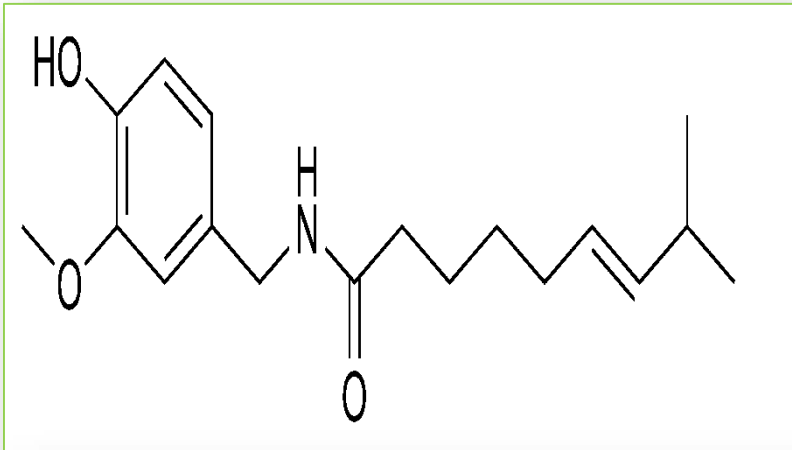


AC DermaPeptide Warming PF

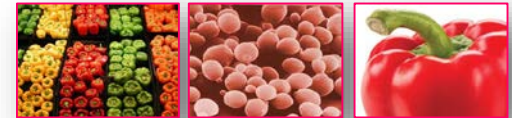
Increased Circulation, Anti-irritation



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AC DermaPeptide Warming PF



Technical Information:

Product Code: 20458PF

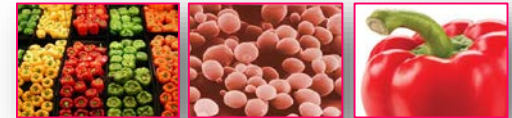
INCI Name: Lactobacillus/Capsicum Frutescens Fruit Ferment Extract

INCI Status: Conforms

Suggested Use Level: 0.5 - 10.0%

Suggested Applications: Increased Circulation, Anti-irritant

Chili Pepper: *Capsicum frutescens*



- Indigenous to tropical America
 - Native Americans began using it more than 9,000 years ago
 - Used for medicinal applications

Capsicum

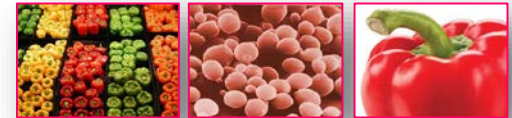
- Most commonly used for a source of capsaicin
- High levels of antioxidants

Capsaicin

- The active responsible for the hot sensation of chilies
- Widespread due to health benefits



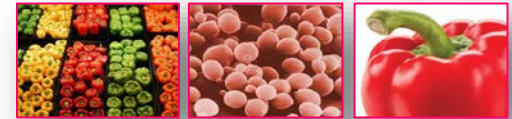
Chili Pepper: *Capsicum frutescens*



Function

- Components of *Capsicum frutescens* – capsaicin & capsaicinoids
 - Produces a tingling warm sensation
- Common Uses:
 - Epicurean - add to food for flavor & spice
 - Medicinal – Indian Ayurveda, Japanese & Korean medicine
 - Cosmetic Agent – Skin care formulations
- Negative Effect
 - Skin irritation
 - Redness

AC DermaPeptide Warming PF

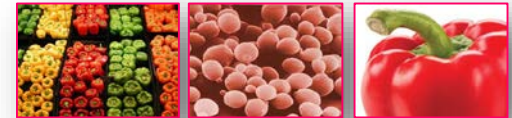


Benefits

- Improves the overall appearance of the complexion
- Stimulates increased circulation
 - Needed for nutrient delivery = healthy skin
- Soothes irritated skin

AC DermaPeptide Warming PF

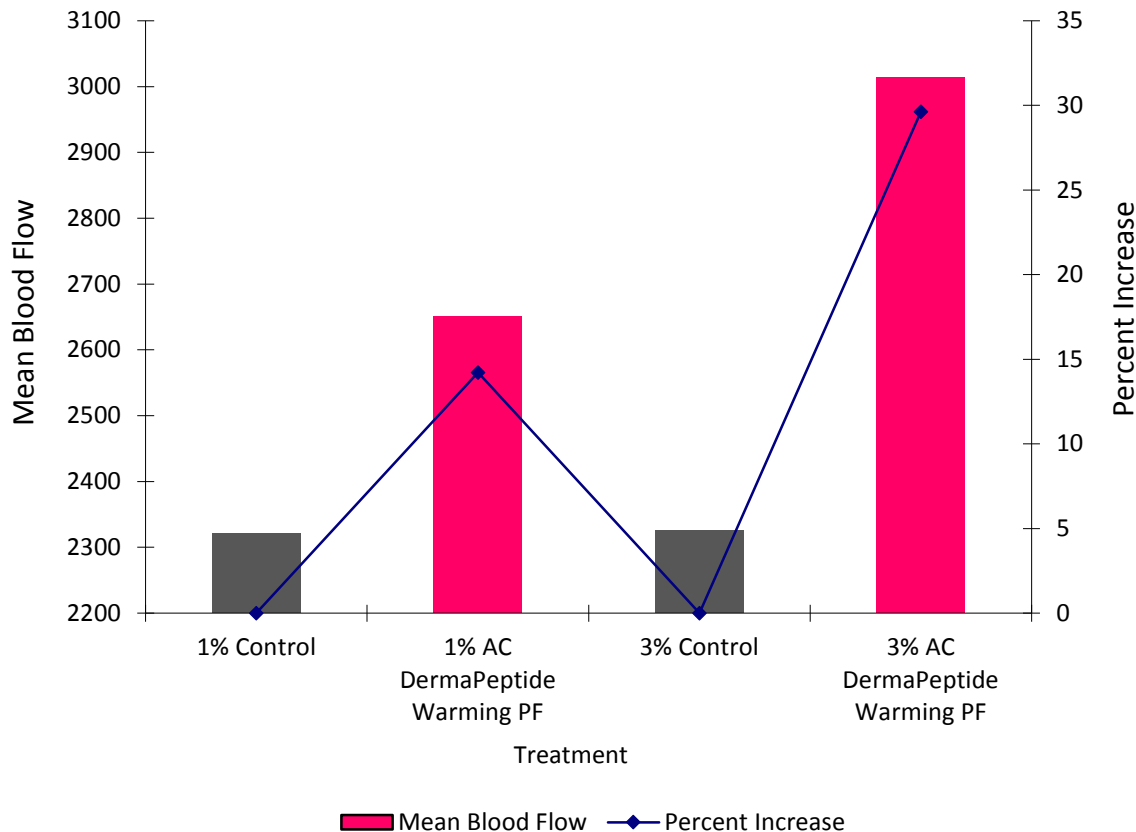
How does it work?



- Produced by fermenting the macerated fruit of *Capsicum frutescens* with *Lactobacillus*
- Multifunctional – combines benefits
 - **Capsicum** – improved circulation, warming, collagen synthesis
 - **Lactobacillus**– soothing, anti-irritation & redness
- During Fermentation - biotransformation takes place
 - Creates a capsaicinoid
 - Increased solubility
 - Anti-irritant

In-vivo Efficacy Data

Circulation Assay

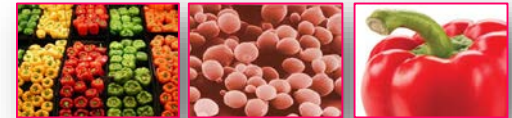


Protocol

- **Equipment:** Periscan System
- **Subjects:** 5 (m/f)
- **Test area:** Inner forearm
- **Concentration of active used:** 1.0% & 3.0%
- **Frequency of application:** Twice Daily

Figure 1: Improvements in blood flow after treatment with test materials.

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ACTIVE CONCEPTS LLC



THANK YOU

For more information – Visit our website!

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