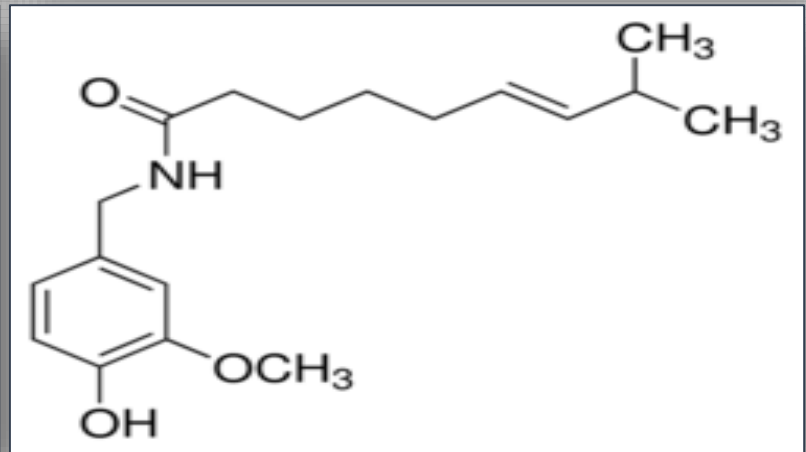


AC DermaPeptide MicroC PF

Increased Circulation, Collagen Synthesis, Anti-irritation

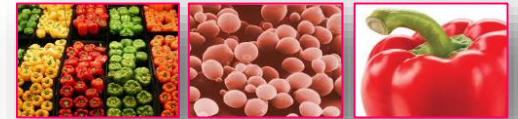


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Tomorrow's vision... *Today!*[®]

AC DermaPeptide MicroC PF



*20450 – AC DermaPeptide MicroC PF

Product Code: 20450PF

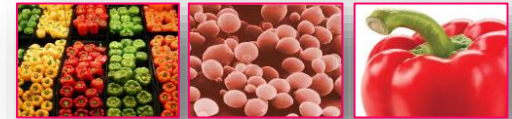
INCI Name: Saccharomyces/Capsicum Annuum Fruit Ferment Filtrate

INCI Status: Conforms

Suggested Use Level: 0.5 - 10.0%

Suggested Applications: Increased Circulation, Collagen Synthesis, Anti-irritant

Red Pepper: *Capsicum annuum*



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

Capsicum

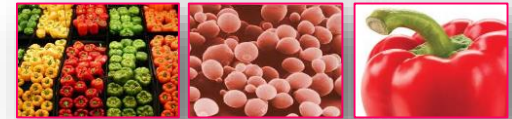
- Most commonly used for a source of capsaicin
- High levels of antioxidants

Capsaicin

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



Red Pepper: *Capsicum annuum*



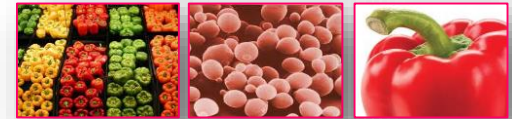
Function

- Components of *Capsicum annuum* – capsaicin & capsaicinoids
 - Product 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

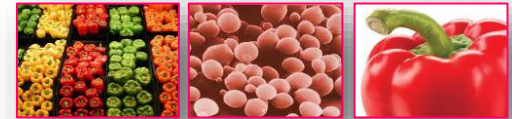
AC DermaPeptide MicroC PF

Benefits

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



AC DermaPeptide MicroC PF



How does it work?

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

In-vivo Efficacy Data

Circulation Assay

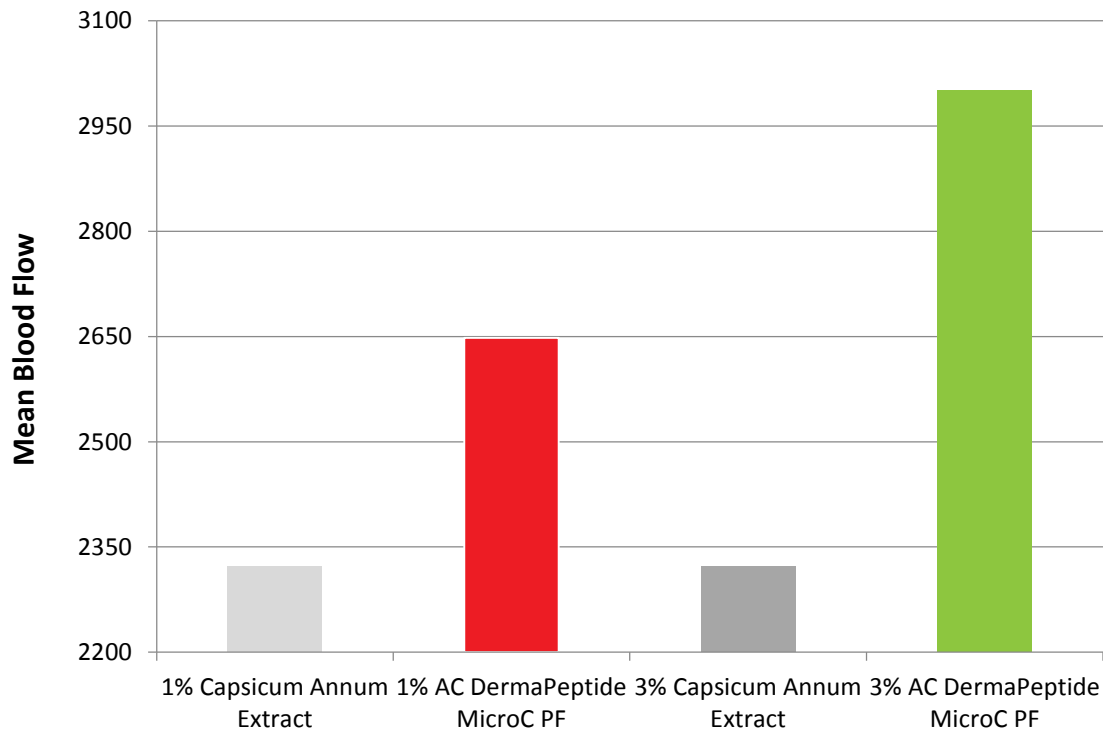


Figure 1: Improvements in blood flow after treatment with test materials.

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

In-vivo Efficacy Data

Chromameter Assay

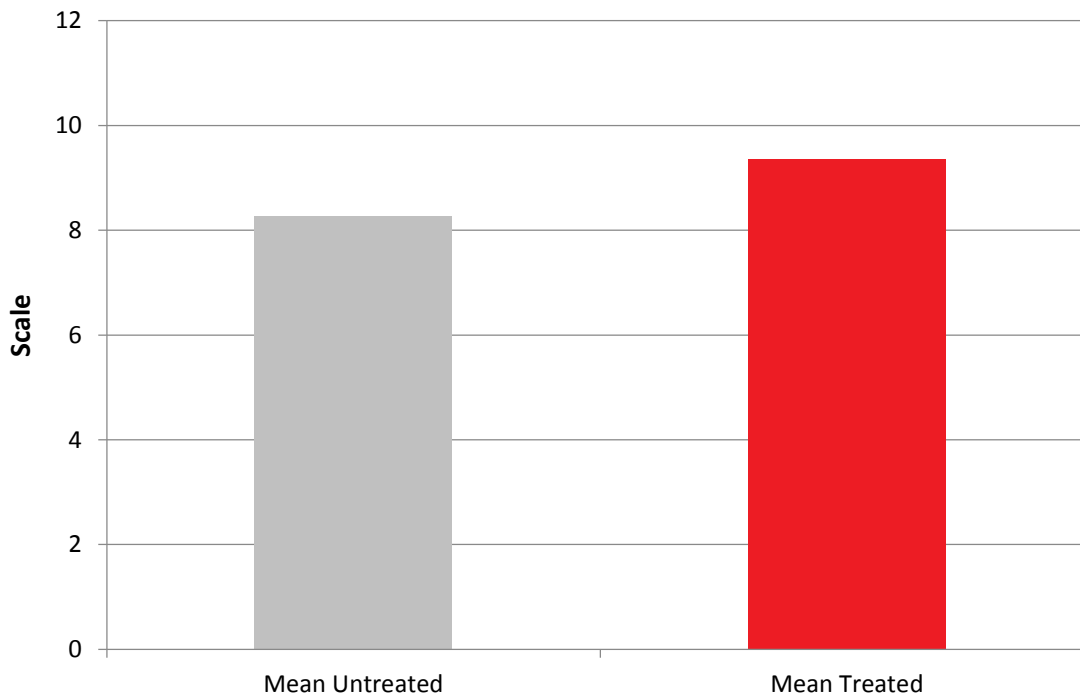
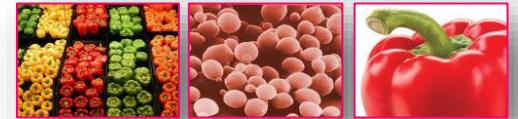


Figure 2: Color changes on the skin following application of AC DermaPeptide MicroC PF.

Protocol

- **Equipment:** Minolta CR-200 Chromameter
- **Subjects:** 5 (m/f)
- **Test area:** Inner forearm
- **Concentration of active used:** 3.0%
- **Frequency of application:** Twice Daily

AC DermaPeptide MicroC PF



*20450 – AC DermaPeptide MicroC PF

Product Code: 20450PF

INCI Name: Saccharomyces/Capsicum Annuum Fruit Ferment Filtrate

INCI Status: Conforms

Suggested Use Level: 0.5 - 10.0%

Suggested Applications: Increased Circulation, Collagen Synthesis, Anti-irritant

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THANK YOU