

GIGA FINE CHEMICALS INGREDIENTS MARKET AND NEW LAUNCH

# ZigaBio CGF-75

New ingredient launch



## **GIGA Fine Chemical**

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# ZigaBIO CGF-75

*Inci Name : Chlorella Vulgaris Extract*

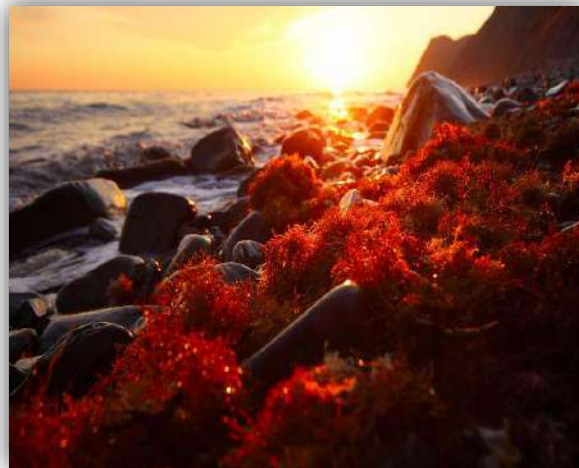
## 1. INTRODUCTION

Green algae (Chlorophyta)



Blue- green (Cyanobacteria)  
not algae but type of bacteria  
present in many lakes.

Red algae (Rhodophyta)



Brown algae (Paeophyta)

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## 2. ORIGIN

- Chlorella belongs green algae the largest type
- It is microalgae grow in freshwater.



## Components presents in Chlorella

### CHLORELLA STRUCTURE

**VITAMINES**  
C, E, K1, B12,  
B6, B2, B1

**FIBRES**  
(10% - 30%)

**UNSATURATED  
FATTY ACID**  
Omega 3, Omega 6...

**ANTIOXIDANTS**  
Chlorophyll, beta-Carotene,  
Lutein...

**MINERALS (10%)**  
Fe, Ca, Mg, K, Zn

**PROTEINS (60%)**  
All Amino Acids  
Including the  
essential 8

**CHLORELLA GROWTH  
FACTOR (C.G.F)**



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## 3. CHLORELLA GROWTH FACTOR (CGF)

Produced during intense  
photosynthesis

Extract from cell nucleus

A nucleotide peptide  
complex

**Boost natural growth**

Each cells multiplies into  
**2-4 news cells** about every  
20 hours

Present **ONLY** in Chlorella



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## EFFICIENCY TEST

### PRODUCT

Lotion contains 3% of ZigaBio CGF-75  
2 applications per day

### WHO? HOW MANY?

20 Women

### AGE

25 – 50 years

### DURATION

24 H ; 14 days ; 2 month

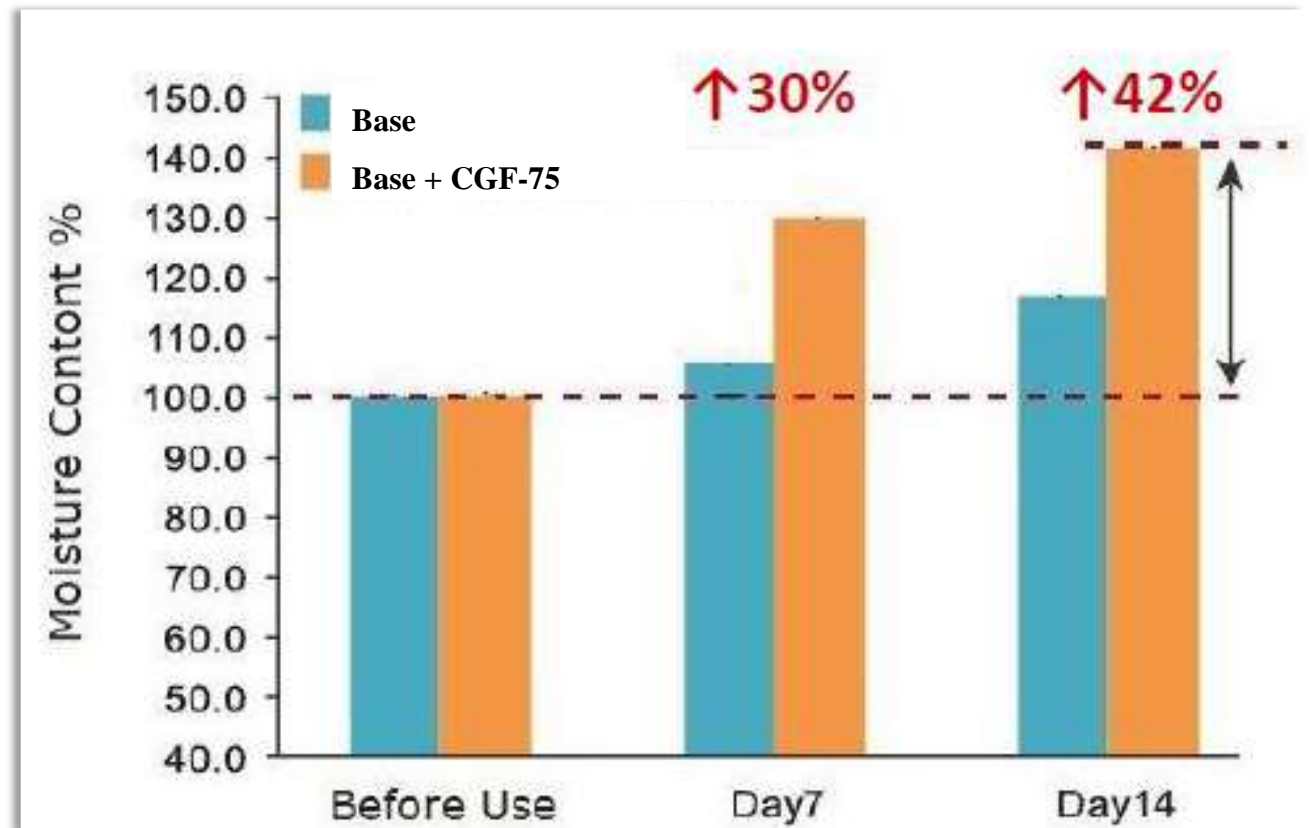
## RESULTS

# ZigaBIO CGF-75

*Inci Name : Chlorella Vulgaris Extract*

## 5. PROPERTIES / Moisturizing Effect

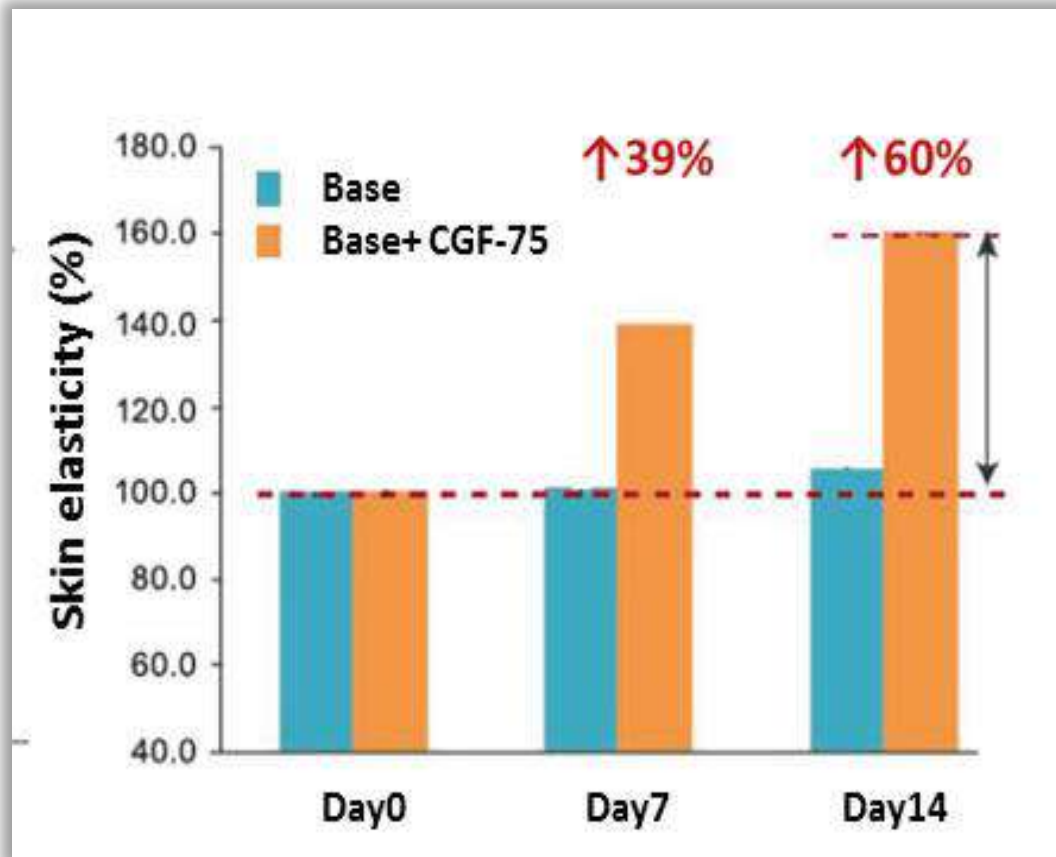
- **CGF-75 increases water retention capacity** after 2 weeks of 42%.



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## 5. PROPERTIES / Anti-aging Properties

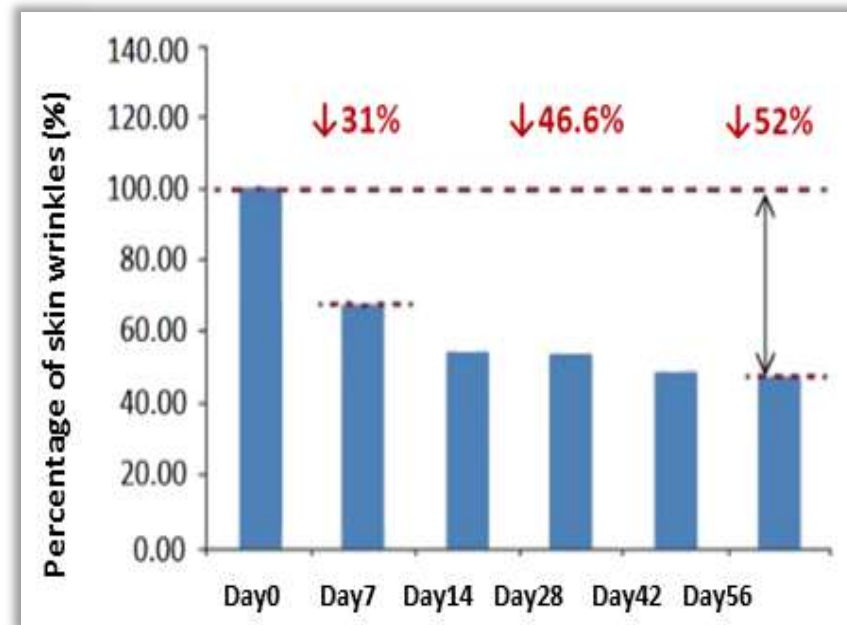


- After 14 days using the lotion containing **CGF skin elasticity increases of 60%.**

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## 5. PROPERTIES / Anti-aging Properties



➤ After 2 months used **52% wrinkle reduction** on the skin





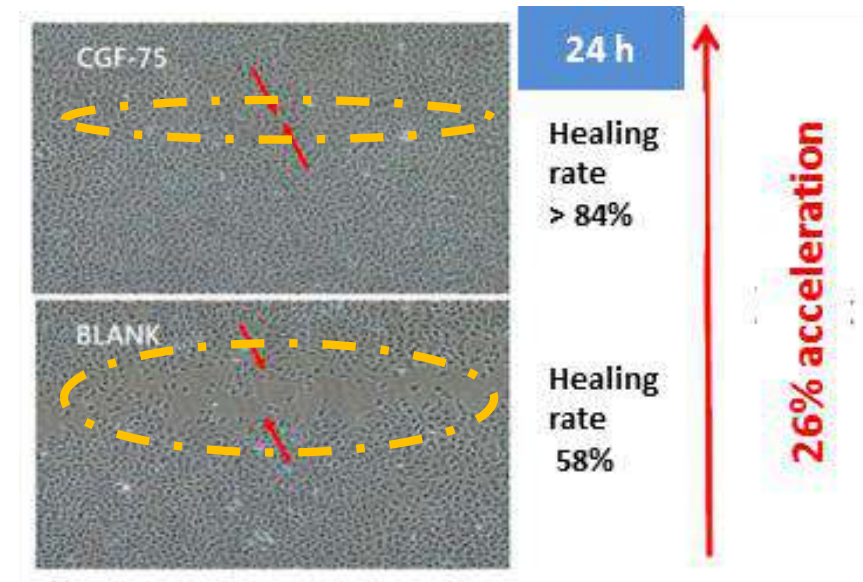
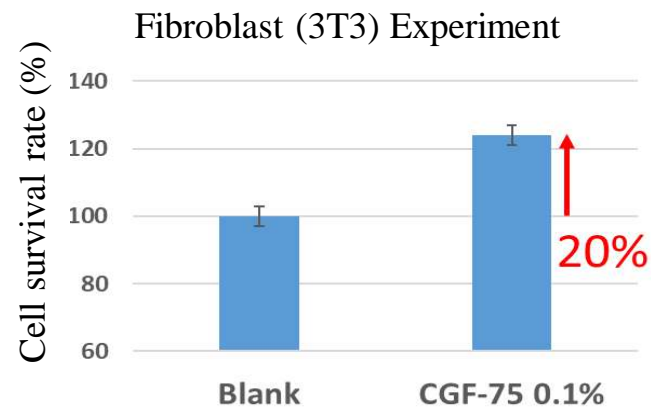
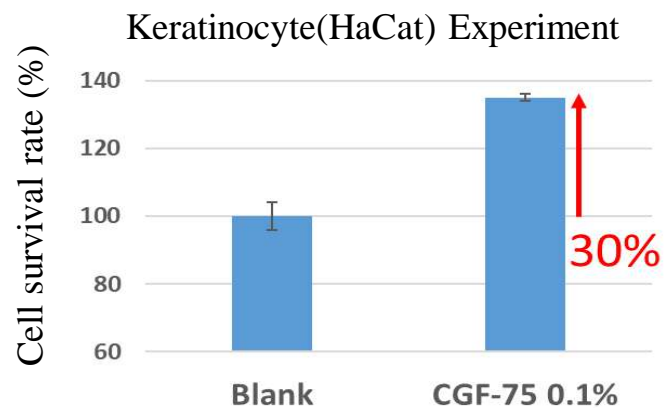
# ZigaBIO CGF-75

Inci Name : *Chlorella Vulgaris Extract*

## 5. PROPERTIES / Anti-aging effects / accelerate cytothsis

- Damaged cells or aging cell cause damages on and in your skin
- CGF-75 expedite skin renewal cycle and restore the skin

### IT ACCELERATES SPEED REPAIR OF CELLS



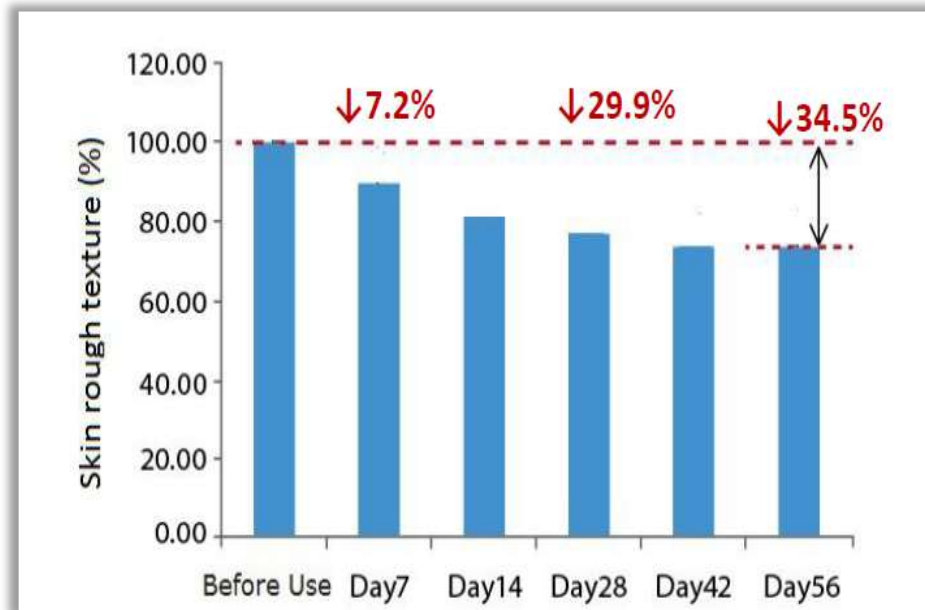
- Boots epidermis keratinocyte and dermis fibroblast growth

# ZigaBIO CGF-75

*Inci Name : Chlorella Vulgaris Extract*

## 5. PROPERTIES / Texture effects

- Evaluate the effect of ZigaBio CGF-75 on skin aging indexes was used.



0 day



56th day – decreased by 34.5%

**CGF-75 ENHANCE FINENESS OF SKIN TEXTURE AND IMPROVE SKIN QUALITY**

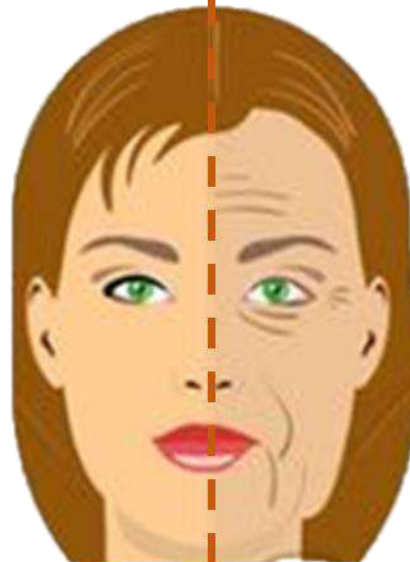
# ZigaBIO CGF-75

*Inci Name : Chlorella Vulgaris Extract*

## 6. PROPERTIES SUMMARY

SKIN AFTER 14 DAYS  
USED CGF-75

- ✓ **46 %** of wrinkles reduction
- ✓ **19%** of Skin Texture improvement
- ✓ Moisture content Increases of **42%**
- ✓ Skin elasticity increases of **60%**



OLD SKIN

- ✓ Wrinkles
- ✓ Age spots
- ✓ Dehydration
- ✓ Reduction of Collagen and Elastin content
- ✓ Loose radiance

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## 7. CLAIMS

