

FEEL THE SAVOR OF LIFE

# Crevil

4  
ACTIVE  
INGREDIENTS

NANODERMA  
VITAMIN C

EFFECTIVE  
FORMULA  
WITH BRIGHTEN  
RADIANCE

VITAMIN C,  
VITAMIN B5  
HYALURONIC ACID,  
ALOE VERA



# NANO DERMA

COSMETIC TECHNOLOGY



## Vitamin C

The pure transparent Serum with stable and effective form of vitamin C plus, Hyaluronic acid, Panthenol (Vitamin B5) and Aloe Vera Extract reduces fine lines, nourish and lift the skin while making it firm, brightening and moisturizing.



# NANODERMA VITAMIN C SERUM

Vitamin C is a water-soluble vitamin that is naturally present in some foods, added to others, and available as a dietary supplement. It is the one of safest and most effective nutrient.

Vitamin C is a normal skin constituent that is found at high levels in both the dermis and epidermis, it has an Antioxidant property and its role in collagen synthesis and vital for skin health. Dietary and topical Vitamin C have beneficial effect on skin such as

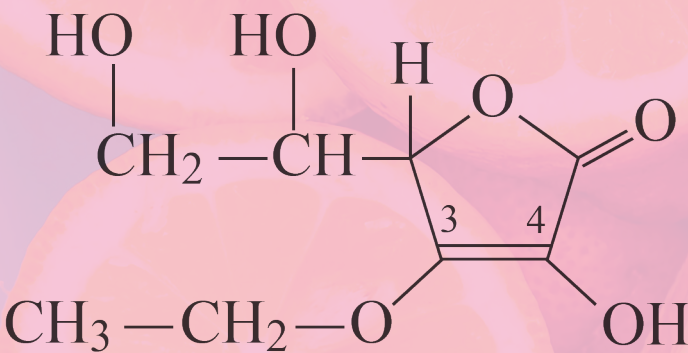
- Eliminating free radicals to protect the skin from environmental and intrinsic stress factors
- Firming effect, decrease apparent roughness of skin/wrinkle
- Skin lightening effects, improvement of the complexion of the skin, giving an even tone



# ETHYL ASCORBIC ACID

**Ethyl Ascorbic Acid** is an etherified derivative of ascorbic acid, one **of the most stable** derivatives of ascorbic acid known. It is also showing a very good stability in all kinds of cosmetic formulations. Ethyl Ascorbic Acid penetrates into skin where it is metabolized to ascorbic acid.

Ethyl Ascorbic Acid is an excellent skin whitening agent, it inhibits the activity of Tyrosinase by acting on  $\text{Cu}^{2+}$  and it prevents the synthesis of melanin.



*Ethyl Ascorbic Acid Structure*

INHIBITION OF TYROSINASE ACTIVITY			
	0.1 %	0.5 %	1.0 %
Ascorbic Acid	96.7 %	96.7 %	97.6 %
Ethyl Ascorbic Acid	40.5 %	89.4 %	95.7 %
Magnesium Ascorbyl Phosphate	0 %	4.9 %	6.1 %

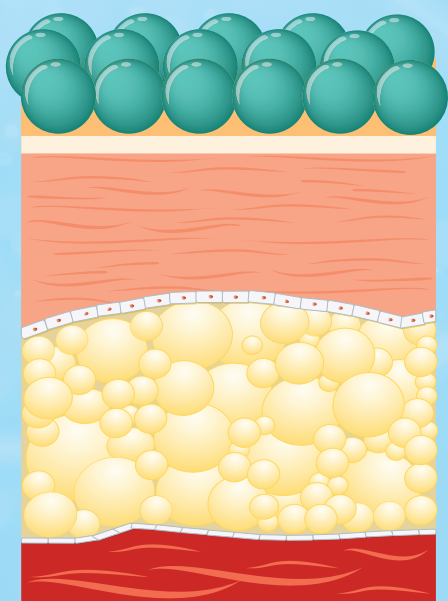


# HYALURONIC ACID

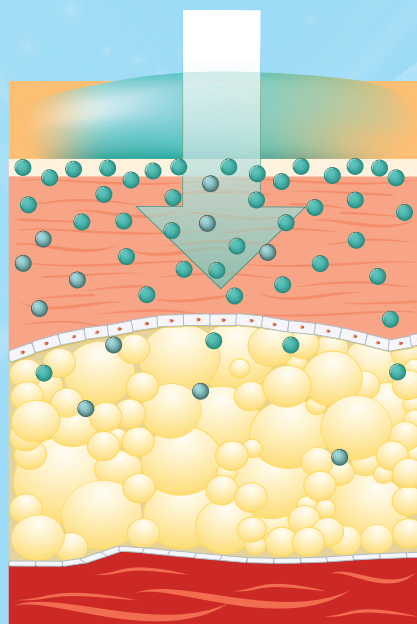
Hyaluronic acid is the main component of connective tissue. It naturally found in epidermis and more especially the dermis in the skin, hyaluronic acid serves as moisturizer, lubricant, and cushion.

When applied to the skin, hyaluronic acid demonstrates the faculty of absorbing and retaining large quantities of water even and maintaining the appropriate balance of humidity and moisture on the skin, provide skin youthful and healthy look.

### Hyaluronic acid



High molecular



Low molecular



### PANTHENOL (VITAMIN B5)

Panthenol is a Provitamin B5, it has been seen to improve skin hydration. Its moisture retaining and softening properties by improve skin barrier function. It is well tolerated, with minimal risks of skin irritancy. Also help to reduce the appearance of fine lines and wrinkles.



### ALOE VERA

Aloe Vera contains antioxidants, enzymes, vitamins A and C, and it is highly skin soothing properties. Historically, aloe vera has been used for a variety of purposes such as treatment of wounds and laxative.

- Enzyme in aloe vera has mild exfoliating properties, they could make skin smoother
- Antioxidant in aloe vera could help to inhibit free radicals
- Vitamins in Aloe Vera help for moisturize and smooth the skin





# CLINICAL STUDY

[J Clin Aesthet Dermatol](#). 2017 Jul; 10(7): 14–17.  
Published online 2017 Jul 1.

PMCID: PMC5605218  
PMID: [29104718](#)

## Topical Vitamin C and the Skin: Mechanisms of Action and Clinical Applications

[Firas Al-Niaimi](#), MRCP(UK)(Derm) and [Nicole Yi Zhen Chiang](#), MRCP(UK)(Derm)✉

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Firas AL-Niaimi and Nicole Yi Zhen Chiang have been studied the effective of Vitamin C in topic “Topical Vitamin C and the skin: Mechanism of Action and Clinical Applications”.

The results shown that “As one of the most powerful antioxidants in the skin, vitamin C has been shown to protect against photoaging, ultraviolet-induced immunosuppression, and photocarcinogenesis. It also has an antiaging effect by increasing collagen synthesis, stabilizing collagen fibers, and decreasing collagen degradation. It decreases melanin formation, thereby reducing pigmentation. Vitamin C is the primary replenisher of vitamin E and works synergistically with vitamin E in the protection against oxidative damage”.

[Indian Dermatol Online J](#). 2013 Apr-Jun; 4(2): 143–146.  
doi: [10.4103/2229-5178.110593](#)

PMCID: PMC3673383  
PMID: [23741676](#)

## Vitamin C in dermatology

[Pumori Saokar Telang](#)

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Pumori Saokar Telang has been studied Vitamin C in topic “Vitamin C in dermatology”.

The conclusion of this study has been shown that “Vitamin C is a naturally occurring drug with multiple desirable effects. With an excellent safety profile, it finds increasing use in photoaging, hyperpigmentation, tissue inflammation and promotion of tissue healing. Ongoing research has been directed toward improving its delivery into the dermis for stimulating collagen production and scavenging free radicals. Vit. C thus holds promise as a mainstream drug in future dermatology practice”.



# NANO DERMA

## COSMETIC TECHNOLOGY

### LIPOXYGEN

### ACNE PRONE SKIN CARE SYSTEM

# 3 STEP



FORMULATED FOR SENSITIVE SKIN DERMATOLOGIST **RECOMMENDED**

**GENTLE FORMULA**

ACNE PRONE SKIN contains multiple ingredients to target the major causes of acne as observed by dermatologists

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