

Clinically proven active ingredient CosmoActive T4 for beauty from within

CosmoActiveT4 is natural ingredient extracted from leaves of *Rosmarinus officinalis*. It is standardized to contain minimum 70% Rosemary triterpenoids by HPLC i.e., Ursolic acid, oleanolic acid, Micromeric and betulinic acids, which are reported to exhibit various skin health activities such as Antioxidant, Antimicrobial, Anti-inflammatory, Anti-aging, Anti-photo aging and skin whitening etc*.

CosmoActiveT4
Total Triterpenoids

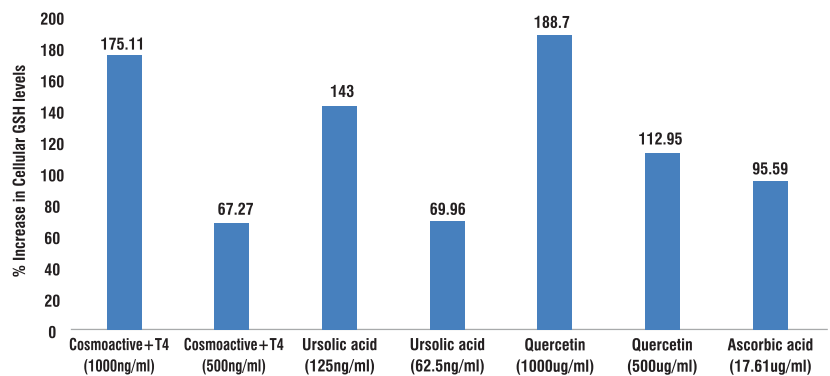
- Synergistic triterpene composition
- High stability and assured quality
- Completely natural & Non GMO
- Kosher & Halal certified
- Clinically proven potent biological activity
- Unique extraction Technology and quality
- State of art Manufacturing & Cultivation facilities
- Application oriented

In-vitro cell line study

This studies have demonstrated that CosmoactiveT4 has potential role in protection of skin for various properties

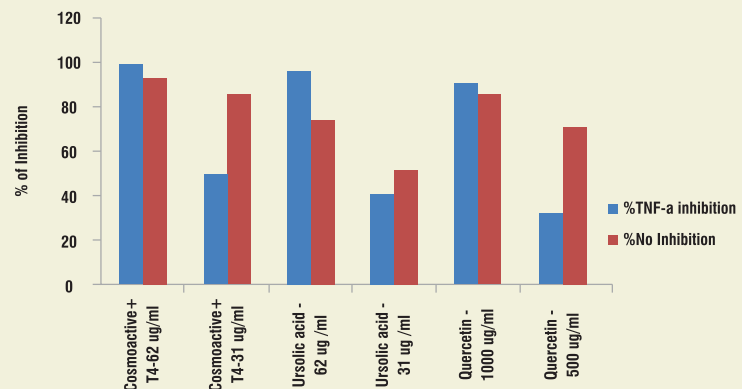
Antioxidant

CosmoactiveT4 was found to be anti-oxidant in both biochemical and cellular assay models, indicating its possible benefit both in countering the free radicals as well as improving cellular antioxidant levels.



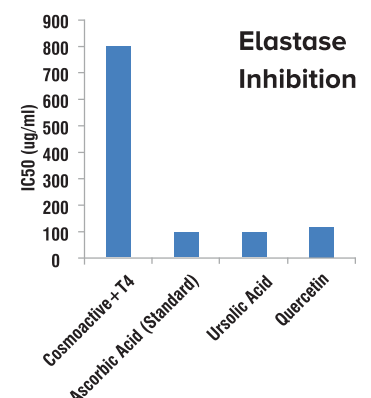
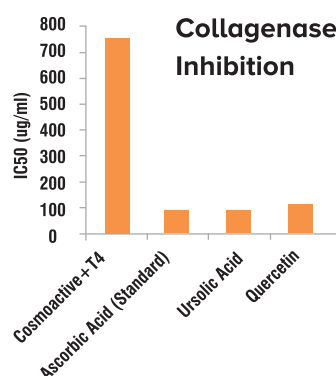
Anti-inflammatory

CosmoactiveT4 exhibited **significant anti-inflammatory** activity by inhibiting TNF-alpha and Nitric Oxide in macrophages, indicating its role in the management various skin conditions viz., Acne, wound care, psoriasis, Eczema etc.



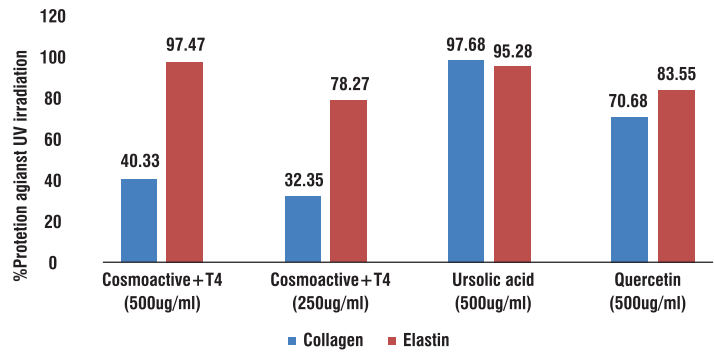
Anti-aging

Anti-aging studies indicated that, CosmoactiveT4 has **significant anti-aging** properties by inhibiting enzymatic degradation of collagenase and elastase along with upregulation of collagen and elastin gene expression.



Anti-photoaging

Even CosmoactiveT4 has offered significant protection to cellular collagen and elastin against UV induced aging in human dermal fibroblasts. These observations indicate its possible role as anti-photoaging product.



In vitro studies and its observations clearly indicated that **CosmoactiveT4** has potential to treat range of skin related issues and look to be an **POTENTIAL COSMETIC INGREDIENT**. Ursolic Acid is generally considered a safe and natural ingredient and no studies were found that listed negative side effects resulting from its use.

NOTES FOR FORMULATORS

GENERAL INFORMATION

Description : Off white to Cream Color Powder.

INCI Names : Rosmarinus Officinalis

CAS No : 77-52-1

Origin : Extracts of Rosmarinus officinalis

Dosage recommendations : 0.5-2%

Storage conditions : at room temperature in a clean, dry place for all sources of light and heat

Packaging : 1kg, 5kg, 20kg, corrugated drum, 500kg bulk pack.



100%
Non-GMO



Customised
Solutions



Plant
Derived



Global
Presence



Technical
Support



Suitable for
use in Organic

PROCESS



APPLICATION



Antioxidant



Antimicrobial



Anti-Inflammatory



Skin Whitening



Anti-Wrinkle



Anti-Photoaging



Anti-Aging



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