mibelle GROUP biochemistry

in-cosmetics® global
Innovation Zone
Best Ingredient
Award 2023
GOLD

BSB Innovation Award® NATURAL Products 2023
1. Prize Category Most Innovative Raw Material

Approved by ECOCERT RAW MATERIAL
COSMOS APPROVED

NATRUE Approved

CALMandrin™
Combats inflammaging

SWISS QUALITY PRODUCT

CALMandrin™
Combats inflammaging

An Anti-Inflammaging Solution to Counteract Skin Redness and Signs of Aging
CALMandrin™ is our sustainable solution for combatting inflammaging by notably improving the signs of aging, as well as soothing reddened and inflamed skin.
In addition to its calming effect on irritated skin, it also markedly increases the firmness and density of the skin.

CALMandrin™ is obtained by upcycling the peel paste of organic mandarins used in the distillation process of organic fragrance production. These unique mandarins are grown exclusively in very specific conditions in the beautiful, historic orchards of the Greek island of Chios.

In vitro and *in vivo* studies have demonstrated that CALMandrin™
- inhibits the activation of NF-κB, a key regulator of inflammation
- reduces the expression of genes linked to the inflammatory response
- counteracts inflammation-induced protein damage that is associated with aging
- increases the production of young collagen and improves dermal skin density
- visibly calms reddened and irritated skin
- provides more skin elasticity and firmness
- delivers a remarkable, rapid anti-aging effect, as well as an anti-redness effect after just one week.

CALMandrin™ counteracts the inflammatory immune response that results from both chronic aging and extrinsic stress to defeat inflammaging.

CALMandrin™ is COSMOS approved* and NATRUE approved.

CALMandrin™
- Calms irritated skin
- Soothes inflamed and reddened skin
- Promotes collagen production
- Improves skin firmness and skin density

Applications
- Anti-aging treatments
- Calming gel masks
- Anti-inflammaging skin care
- Collagen boosting serums

Formulating with CALMandrin™
- Recommended use level: 1–3 %
- Incorporation: CALMandrin™ can be incorporated into most formulations, emulsions, and gels, except water-free formulations. For cold processes, dissolve CALMandrin™ into the aqueous phase or add it after emulsification. For hot/cold processes, add during the cooling phase below 40 °C.
- Thermostability: Temperatures of up to 40 °C do not affect the stability of CALMandrin™.

INCI (EU/PCPC) Declaration
- Citrus Reticulata Extract/Citrus Reticulata (Tangerine) Extract (and) Glycerin (and) Pentylene Glycol (and) Aqua/Water

Additional Information
- Organic source
- Water-soluble
- Without preservatives
- Without alcohol

** Raw material approved by ECOCERT GREENLIFE in accordance with the COSMOS Standard*

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Marketing Benefits
- Organic source
- Upcycling ingredient
- Hand-harvested from traditional cultivation
- Unique source from a historical place in Greece
- Gold Award for Innovation Zone Best Ingredient at in-cosmetics Global 2023
- 1st Prize at the BSB Innovation Award in the category Natural Products – Raw Materials
- COSMOS approved
- NATRUE approved

Innovating for your success
Mibelle Biochemistry designs and develops innovative, high-quality actives based on naturally derived compounds and profound scientific know-how. Inspired by nature – Realized by science.

myclimate neutral Operations
myclimate.org/01-22-602304

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