



**ORGANIC  
BIOACTIVES**  
NEW ZEALAND

INNOVATING FROM TRADITION™

# OceanDerMX™

## CALM & SOOTHE

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**Instant Skin Soother**  
*Calms & soothes the skin  
in only 15 minutes*

*New Zealand botanicals  
sustainably harvested by  
indigenous Māori communities  
according to their ancient  
harvesting practices*



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CONFORM TO THE COSMOS STANDARD

IPONZ PATENT  
No. 793032

# SYNCHRONISED MODES OF ACTION

OceanDerMX™ Calm & Soothe is marine active, which is an aqueous extract of leaves of *Sarcothalia circumcincta*, *Cyathea medullaris*, *Micropiper exceisum* (Kawakawa) and **New Zealand Mānuka honey** obtained by water extraction TPT Xtraction™ technology.

Extracting the three plants and the honey together activates an anti-inflammatory response that results in immediate and long-lasting calming and soothing benefits to the skin.

## KEY BOTANICALS



### NEW ZEALAND NATIVE RED SEAWEED

The seaweed harvested from the pure waters of New Zealand is abundant in a vital group of **sulphated glycans** or **sGAGs**. These glycans share a similar structure to hyaluronic acid and have a crucial role in cell-to-cell communication. They not only attract and retain moisture in the skin, but they also contain naturally occurring proteins, amino acids, peptides, vitamins, minerals, and essential element.



### MAMAKU - NEW ZEALAND NATIVE BLACK FERN

*Mamaku*, which is indigenous to New Zealand, is **rich in polysaccharide gel (glucuronomannans)** obtained from the meristem, the embryonic stage of the leaf. When used on the skin, the polysaccharide forms a 3D viscoelastic matrix that offers immediate lifting and tightening properties to the skin.



### NEW ZEALAND NATIVE KAWAKAWA TREE

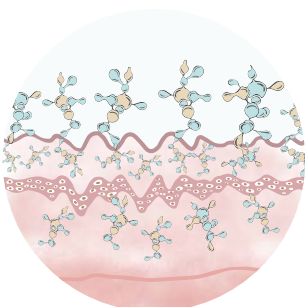
*Kawakawa* has been an essential part of traditional Māori medicine for many centuries, thanks to its multiple anti-inflammatory, skin soothing benefits. The leaves of the Kawakawa tree contain high concentrations of **diyangambin, elemicin, myristicin, and vitexin glucoside**. Diyangambin, elemicin, and myristicin are bioactive substances that possess potent anti-inflammatory properties, whereas vitexin glycoside and elemicin exhibit antimicrobial activities.



### NEW ZEALAND MĀNUKA HONEY

*Mānuka honey*, derived from the nectar of New Zealand's native Mānuka tree is renowned for its **anti-inflammatory, anti-fungal, anti-bacterial, and anti-microbial** properties, which work together to soothe and alleviate inflamed skin. Numerous studies link these qualities to the abundance of distinctive **polyphenols** found in Mānuka honey.

## GLYCANS – THE KEY TO YOUTHFUL LOOKING SKIN



Glycans play a major role in skin vitality and delivery of bioactives via their vibrant intra and extracellular communication

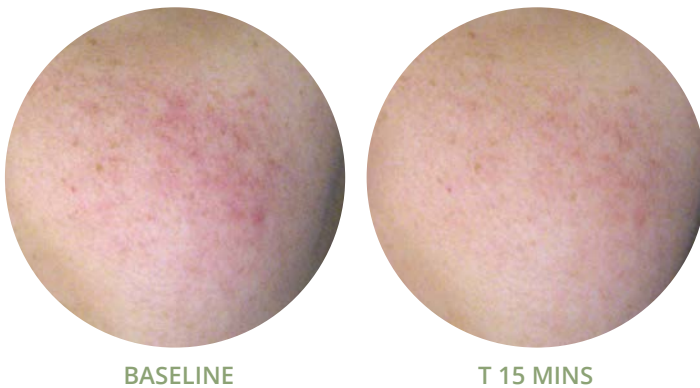


sGAGs in OceanDerMX™ range stained with Alcian blue stain

# CLINICAL STUDIES

## IN VIVO

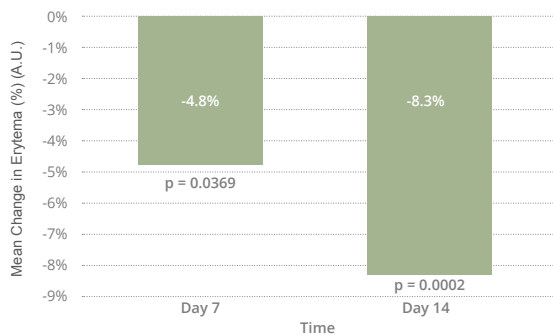
Clinical Efficacy of OceanDerMX™ Calm & Soothe at 5% in the Management of Face Erythema



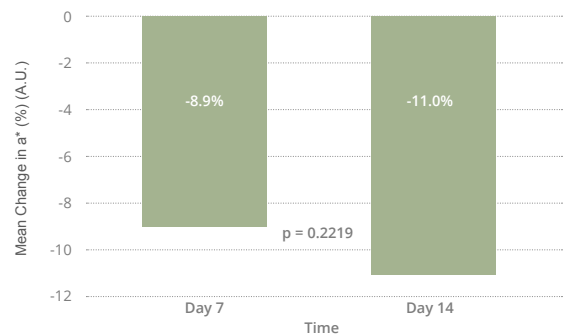
Images show improvements in signs of skin redness on the cheek following 15 minutes after application of OceanDerMX™ Calm & Soothe at 5%

Photographs were taken using Observe 520, Synton diagnostic systems, under cross-polarized mode.

% Decrease in Erythema (Right Cheek) after Treatment with OceanDerMX™ Calm & Soothe at 5%

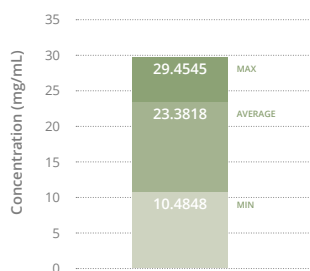


% Decrease in redness (forehead) after Treatment with OceanDerMX™ Calm & Soothe at 5%



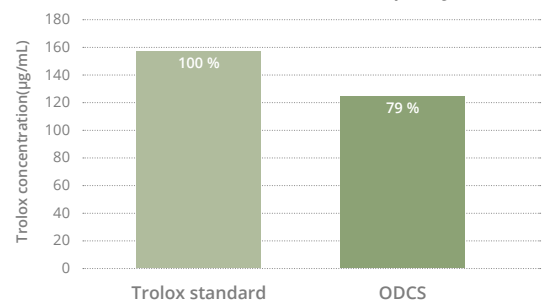
## ANALYTICAL DATA

sGAG Concentration of OceanDerMX™ Products



Average sGAG quantity in OceanDerMX™ products  
23.3818 mg/mL ± 5.25572

OceanDerMX™ Calm & Soothe  
Relative total Antioxidant Capacity



CUPRAC [ CUPric Reducing Antioxidant Capacity ] method



# TECHNICAL & REGULATORY

## INCI:

Aqua & Sarcothalia circumcincta & Cyathea medullaris leaf & Macropiper excelsum leaf extract, Honey

## TECHNOLOGY:

TPT Xtraction™ (Bio-liquefaction) process

## GENERAL USE:

1% – 5% for general use,  
5% for intense calming and soothing benefits

## REGULATORY:

Certified Vegetarian, Ecocert & Cosmos Approved

NONE OF THE INGREDIENTS ARE DERIVED FROM GENETICALLY MODIFIED ORGANISMS (GMO) WITH ALL THE PLANTS MEETING THE ORGANIC DEFINITION OF THE ISO 16128 STANDARD.

# PROVEN BENEFITS

- Calms & soothes the skin within 15 minutes
- Diminishes redness
- Helps combat blemishes

# APPLICATIONS

- Sensitive skin lines
- Redness control lines
- Calming and soothing lines
- Acne prone skin lines

# ABOUT ORGANIC BIOACTIVES

Organic Bioactives brings the power of New Zealand's rich and bountiful biodiversity together with innovative green biotechnologies to create high-efficacy cosmetic bioactives.

We are committed to Tikanga Māori – the inherited values and practices of the indigenous people of Aotearoa New Zealand. For that reason, we keep the process of harvesting with Māori communities who still carry the traditional knowledge on how to approach our native habitat in a respectful and sustainable way.

New Zealand is being internationally recognised as a biodiversity hotspot that is both abundant and unique. The impact of high UVB sunlight on its plants produce superior levels of bioactivity not found anywhere else in the world. For this, we are grateful and blessed.

## DISCLAIMER

This brochure is not intended for final consumer or to advertise your products to final consumers without our written approval. No claims related to the ingredients and formulation shall be made without our prior written approval - [even though the claims are presented in this brochure] The person using the ingredients or formulation from this brochure is solely responsible that the final products, labeling, packaging, advertising and claims comply with local cosmetic laws and regulations.



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