

SymFinity® 1298

Echinacea Purpurea

NATURAL YOUTH INDUCER

100% DRIED JUICE

ANTI-INFLAMMAGING

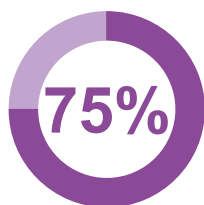
SIRTUIN BOOSTER / MODULATION
OF INFLAMMATION MEDIATORS



A TRUE REJUVENATING FORCE BRINGS DEEP COMFORT TO THE SKIN

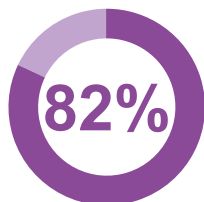
More and more consumers express a genuine concern regarding recurring or persistent irritation. They perceive it as an important aging factor. In response to inflammaging, consumers are looking for solutions to boost their skin's natural defense against external aggressions and improve the skin cells' resilience to stress.

Inspired by the potency of Echinacea used as an immune system booster in food supplements, Symrise has revealed its remarkable efficacy in skin care applications.



OF CONSUMERS
SAY THAT RECURRING
OR PERSISTENT IRRITATION
IS MAKING SKIN AGE FASTER.

.....



ARE LOOKING FOR PRODUCTS
THAT ACT AS A KIND
OF VACCINE, BOOSTING
THEIR NATURAL DEFENSES.

BOOSTS
AND ENHANCES SKIN
CELLS' RESILIENCE
TO STRESS

SymFinity® 1298

THE ADVANCED CONCENTRATE AGAINST INFLAMMAGING

BENEFITS

NATURAL
SIRTUIN ACTIVATOR

IMPROVES CELL
DETOX

BOOSTs
DNA REPAIR FROM
UVB DAMAGE



POWERFUL ANTI-IRRITANT
HYALURONIC ACID BOOSTER

THE ACTIVE

100% NATURAL
ECHINACEA



ECHINACEA
SUSTAINABLY SOURCED
FROM MALLORCA, SPAIN



**IECIC
LISTED**



- ANTI-AGING CREAMS
- LOTIONS AND SERUMS
- BB CREAMS
- AFTER SUN PRODUCTS
- AFTER SHAVE
- SENSITIVE SKIN PRODUCTS

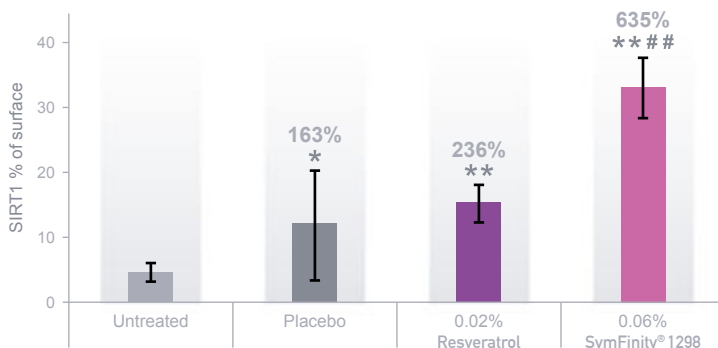
SymFinity® 1298

PURE ECHINACEA TO EXTEND CELL LONGEVITY

SIRTUIN STIMULATION

0.06% of SymFinity® 1298 significantly increases the basal SIRT1 protein level of the epidermis of *ex-vivo* human skin explants.

Stimulation of SIRT1 protein expression versus untreated



Statistical significance vs. untreated * $p < 0.05$ ** $p < 0.01$ vs. placebo ## $p < 0.01$

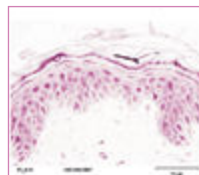
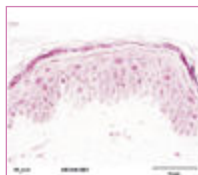
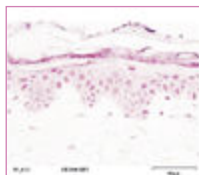
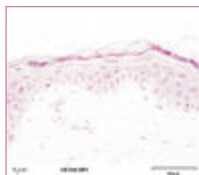
SIRT1

Immunostaining

Placebo

0.02% Resveratrol

0.06% SymFinity® 1298



PROTOCOL

6 HUMAN SKIN EXPLANTS PER TREATMENT. APPLICATION OF 2 μ g FORMULATION (PLACEBO AND PRODUCTS). TREATMENT ONCE DAILY ON DAY 0, 1 AND 2. SIRT1 WAS STAINED WITH AN ANTI-SIRT1 POLYCLONAL ANTI-BODY. IMAGE ANALYSIS OF IMMUNOSTAINING OF SIRT1.

ANTI-WRINKLE EFFICACY

After 1 month, 0.1% SymFinity® 1298 induced a significant reduction of wrinkles in 72% of the volunteers.

PROTOCOL

2 GROUPS OF 22 WOMEN IN PARALLEL (one group for placebo, one group for 0.1% SymFinity® 1298).

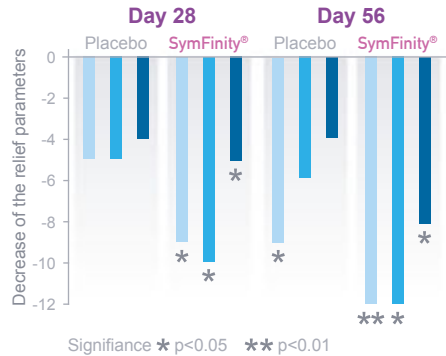
AGE: BETWEEN 45 AND 65 YEARS OLD.

APPLICATION: TWICE DAILY ON FACE FOR 2 MONTHS.

■ Ra: Average roughness

■ Rz: Average relief

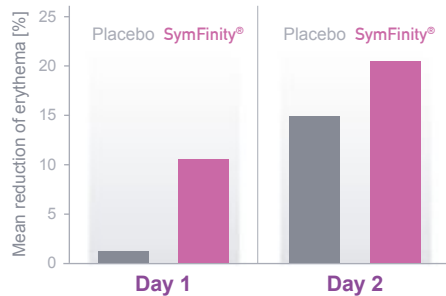
■ Rt: Relief amplitude



ANTI-REDNESS ACTIVITY

Within the first hours following UV exposure SymFinity® 1298 improves and accelerates the erythema reduction.

24 hours after, 0.1% SymFinity® 1298 induces a significant improvement in skin lightness and redness (L^* and a^* parameters).



PROTOCOL

INDUCTION OF AN ACTINIC ERYTHEMA ON THE STUDIED ZONES WITH UV IRRADIATION ON DAY 0.

22 SUBJECTS WITH PHOTOTYPE: II OR III.

APPLICATION FREQUENCY: TWO STANDARDIZED APPLICATIONS ON DAY 0 AND DAY 1.

SYMRISE INNOVATION

Exploring the activity of Echinacea Purpurea, Symrise has developed a 100% pure dry juice extracted from fresh herb and specifically identified cichoric acid as the main active compound responsible for the stimulation of SIRT1. SymFinity® 1298 is standardized to cichoric acid to guarantee the efficacy for all lots all year long.

ACTIVES

ANTI-AGING

ANTI-INFLAMMAGING

SymFinity® 1298

INCI: Echinacea Purpurea Extract

Product number

101011

Formulation details

Recommended use level: 0.06 - 0.1%

Light brown to brown powder, soluble in water, pH stable up to 5, should be added below 40°C

Main applications

Anti-aging creams, lotions and serums, BB creams, after sun products, aftershave, sensitive skin products

Awards

2011: BSB Innovation Award as "Most Innovative Raw Material - Natural Products"



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new ingredients. Scan code or visit www.symselect.com

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