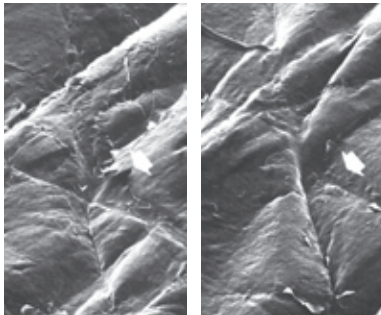




# INDINYL<sup>®</sup> ca Ls 8998

## the BOTANICAL satin for your SKIN

▶ **β-GLUCANS EXTRACTED FROM  
THE SEEDS OF AN AYURVEDIC  
INDIAN PLANT**



BEFORE  
TREATMENT

AFTER  
TREATMENT

▶ **MORE THAN A SUBSTITUTE TO  
HYALURONIC ACID: ADDITIONAL  
BENEFITS**

▶ **SOFTENING, SMOOTHING,  
MOISTURIZING EFFECT**

▶ **IMPROVEMENT OF SKIN  
COMPLEXION**



Be on velvet...

for a satin skin, use **INDINYL<sup>®</sup> ca!**

SKIN

ACTIVE INGREDIENT FOR COSMETOLOGY

## Definition

INDINYL® CA LS 8998 is a concentrated solution of botanical heteropolysaccharides, of high molecular weight, (~ 170 000 Daltons), extracted from the seeds of the ayurvedic plant Indian Senna (Cassia angustifolia).

Its branched structure, similar to hyaluronic acid, has been chosen both for its hydrophilic nature and its film-forming, protecting, restructuring and moisturizing properties.

INDINYL® CA improves water absorption / retention of the skin and forms a supple protective film at the skin surface.

Clinical studies have shown a better effect than hyaluronic acid: INDINYL® CA LS 8998 provides a higher moisturizing effect, and gives an extremely pleasant softness to the skin. Skin complexion is also highly improved.

## Efficacy tests

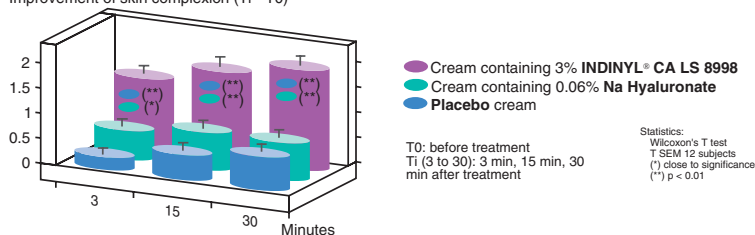
### Improvement of skin complexion (clinical study)

Double blind randomized clinical study on 12 volunteers.

Evaluation of skin complexion 3, 15 and 30 minutes after application.

INDINYL® CA tested at 3% versus placebo and hyaluronic acid at 0.06%.

Improvement of skin complexion (Ti - T0)



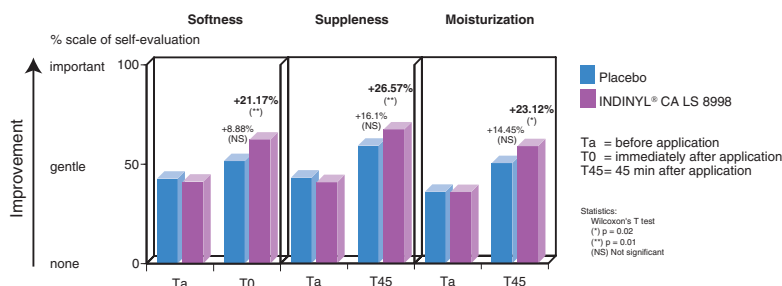
Evaluation of skin complexion after application of 3 creams.

### Improvement of skin characteristics: softness, suppleness, moisturization (clinical study)

Double blind randomized clinical study on 15 volunteers with very dry skin on legs.

INDINYL® CA tested at 10% versus placebo.

Evaluation of skin softness, suppleness and moisturization according to a scale, 5 and 45 mn after application



Sensorial evaluation of 3 skin benefits, after a single topical application of INDINYL® CA

### Results

Skin softness: **+ 21%**

Skin suppleness: **+ 26%**

Skin moisturization: **+ 23%**

### Complementary tests:

- **Ex-vivo test (Tagami test):** long lasting moisturizing effect (at 5%): moisturization: **+ 35% vs placebo at 24h**. In comparison, hyaluronic acid (0.20%): no significant effect at 24h.
- **Clinical test:** improvement of skin microrelief (10% INDINYL® CA, bidaily application during 4 weeks): significant improvement of skin microrelief. Disappearance of skin scales.

## Cosmetic application

- Complementary topical care to hyaluronic acid injections.
- Care for dry, dull or rough skin, lacking of comfort.
- Day cream, to improve skin complexion and radiance.
- Protecting and repairing care for sensitive skin.
- Body care.

## Technical data

**INCI Name** : Water (and) Cassia Angustifolia Seed Polysaccharide.

**Dose of use** : 2.5 to 10%

**Aspect** : light beige fluid gel, with a weak odor.

**Solubility** : dispersible in water, insoluble in ethanol and oils.