

HYDRALYS M

MOISTURIZING, SOFTENING



MOISTURIZATION

HYDRALYS M

PHYTOBIOACTIVE

Available

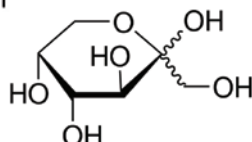
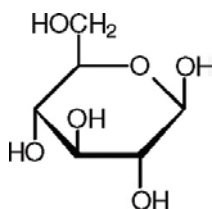
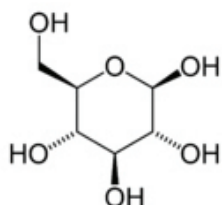
ORGANIC
Version

> ACTIONS

- Moisturizes skin
- Restores its suppleness, softness and freshness

COMPOSITION

Total sugars > 5 g/L
Total polysaccharides



ORIGIN

Melon
Cucumis melo
(Fruit)



> MECHANISM OF ACTION

HYDRALYS M reconstitutes the hydrolipid film by providing mucilage. It traps water in the *Stratum corneum*, forming moisturizing complexes thanks to free sugars, components of the NMF (Natural Moisturizing Factor).

> COSMETIC BENEFITS

- Skin becomes supple and elastic, it regains its softness, along with a smooth and plump appearance, a fresh and bright complexion.

> COSMETIC USES

▶ **Moisturizing care products**

▶ **Softening care products**

▶ **Sun care and after-sun care products**

> SCIENTIFIC PROCESS

Moisturization is governed by the balance between water diffusion through the *Stratum corneum* and its evaporation, its flow value and its ability to bind to the *Stratum corneum*.

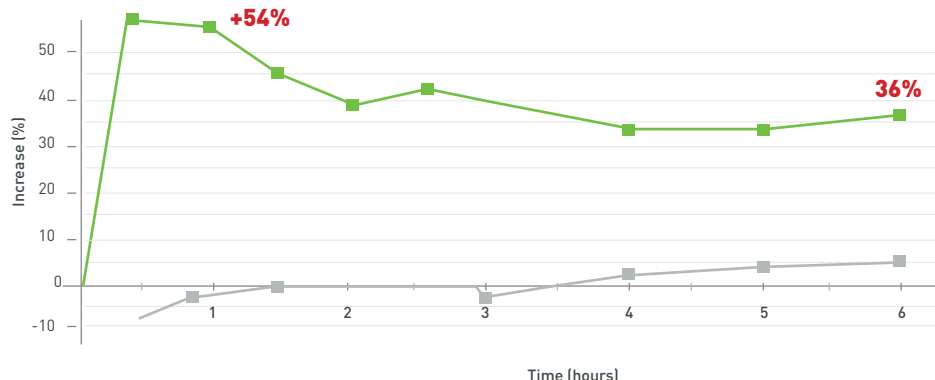
Simultaneous provision of 2 families of HYDRALYS M molecules ensures optimum moisturization: the mucilage reconstitutes the film that limits water evaporation from the surface of the *Stratum corneum*, while sugars bind the water.

> PROVEN EFFICACY

IN VIVO
TESTS

MOISTURIZING ACTION

- Measurement of skin electrical resistance with a Corneometer® (10 volunteers).

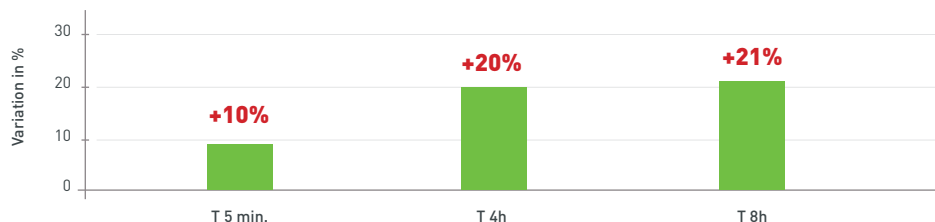


- 10% HYDRALYS M gel
- 1h after application: **+ 54%**
- 6h after application: **+ 36%**

■ Placebo
■ HYDRALYS

- Measurements performed with a Corneometer® (5 volunteers)

Variation in the degree of moisturization of a treated zone relative to a control zone



- 1% HYDRALYS M gel
- 4h after application: **+ 20%**
- 8h after application: **+ 21%**

FORMULATION

Concentration for use: 1 to 10%

Caution for use:

Add to emulsions, at the end of the preparation process, either cold or at 35-40 °C, during cooling.

TECHNICAL DATA

Characteristics

Organoleptic Appearance: clear to opalescent liquid
Colour: pale yellow to amber

Solubility Water: soluble

Storage

Keep in a dark place, in the original packaging, at an ambient temperature between 15 and 25 °C.

Tolerance tests

- Eye irritation: practically non-irritant
- Skin irritation: non-irritant

INCI name: Aqua/Water, Glycerin, Cucumis melo (Melon) Fruit Extract

Preservative: Several versions available, see specifications

Authorized: 

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