

PORE REDUCTYL NT

NEW EFFICACY TESTS ON MATURE SKIN



PORE REDUCTYL NT



READ MORE



PORE REDUCTYL NT is already recognised as an exceptional ingredient. However, **WE HAVE GOOD NEWS!** New studies continue to unlock the full potential of this active ingredient.

We already knew that...



PORE REDUCTYL NT is an active ingredient derived from the mycelium of the ***Fomes officinalis*** fungus.

Thanks to its **agaric acid content**, it acts as a **natural astringent** that **immediately reduces the appearance of pores**, whilst providing an **antiperspirant effect** without blocking the eccrine sweat glands.

- **Pore visibility:**
 - **-18.3%** in just 15 minutes
- **Antiperspirant effect after 8 hours:**
 - **75%** of the volunteers experienced a reduction in perspiration.
 - **A 5.5-fold** reduction in TEWL compared with the control area

BUT... HOW DOES IT WORK IN THE LONG TERM ON MATURE SKIN?

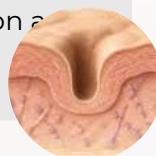
In mature skin, structural changes in the skin have a direct impact on the **appearance of the pores**.

- **Increased visibility and pore size**

Pores become larger and more noticeable due to the loss of collagen and elastin, which reduces the skin's structural support and causes the pores to dilate.

- **More dilated and distorted pores (less uniform)**

The loss of elasticity prevents the skin from regaining its shape, causing the pores to widen and take on a more elongated appearance.



PROTOCOL: Assessment based on an analysis of the reduction in the **number, area and visibility of pores**, as measured by the **VISIA-CA** device at time points D0 and D28 in mature skin.



21 volunteers

- Age: 45–65,
- Gender: female
- All skin types
- With visibly enlarged pores



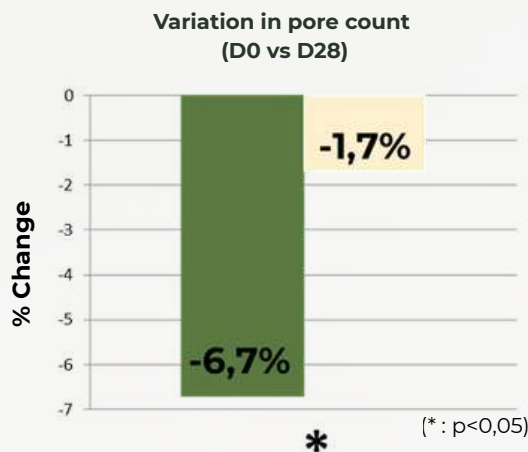
5% PORE REDUCTYL NT



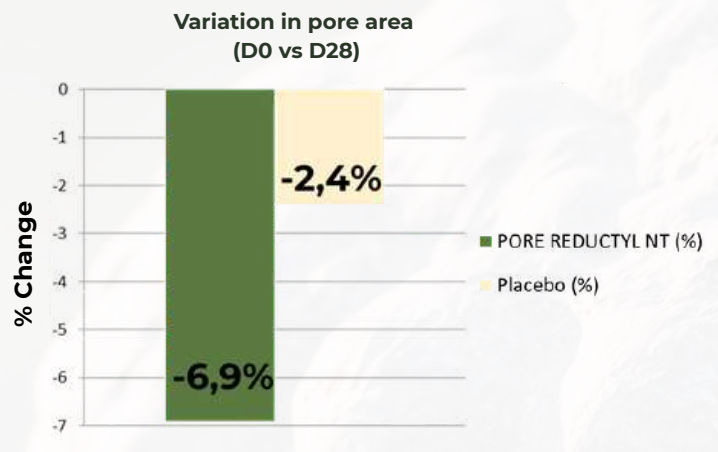
D0 y D28

2 applications per day

ASSESSMENT OF PORE COUNT AND AREA IN MATURE SKIN

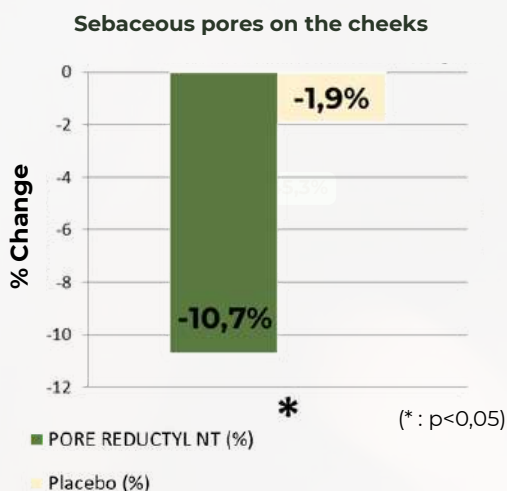


PORE REDUCTYL NT led to a **significant 6.7% reduction** in pore size after **28 days in mature skin**, compared with 1.7% for the placebo.



PORE REDUCTYL NT reduced pore size by **6.9% after 28 days in mature skin**, compared with 2.4% for the placebo.

ASSESSMENT OF PORE VISIBILITY IN MATURE SKIN



ECHANGES IN PORE VISIBILITY IMAGES OF VOLUNTEER 15



MATURE SKIN PORE REFINER CREAM
 PROT.183/26

| PHASE | RAW MATERIALS | INCI | % |
|--------------|------------------------------|---|---------------|
| 1 | WATER | AQUA | 49,13 |
| | PROPANEDIOL | PROPANEDIOL | 3,00 |
| | DERMOSOFT OMP | METHYLPROPANEDIOL, CAPRYLYL GLYCOL, PHENYLPROPANOL | 3,00 |
| 2 | GLYCERIN | GLYCERIN | 5,00 |
| | SATIAXANE CX 911 | XANTHAN GUM | 0,25 |
| 3 | EMULLIUM DELTA | CETYL ALCOHOL, GLYCERYL STEARATE, PEG-75 STEARATE, CETETH-20, STEARETH-20 | 5,00 |
| | LANETTE O OR | CETEARYL ALCOHOL | 3,75 |
| | SHEA BUTTER | BUTYROSPERMUM PARKII BUTTER | 10,00 |
| | MYRITOL 318 | CAPRYLIC/CAPRIC TRIGLYCERIDE | 6,00 |
| | SILICONA DC 200/350 | DIMETHICONE | 3,00 |
| | FANCOL POLYISO 300 CG | HYDROGENATED POLYISOBUTENE | 3,00 |
| | ALMOND OIL | PRUNUS AMYGDALUS DULCIS OIL | 3,00 |
| BIOXAN | TOCOPHEROL, GLYCINE SOJA OIL | 0,20 | |
| 4 | PORE REDUCTYL NT | AQUA, PROPANEDIOL, FOMES OFFICINALIS EXTRACT | 5,00 |
| 5 | PERFUME 15.2255 | PARFUM | 0,20 |
| 6 | LACTIC ACID SOL.20% | LACTIC ACID, AQUA | 0,47 |
| TOTAL | | | 100,00 |

Note: It is the formulator's duty to ensure the stability of the given formulation by performing the necessary tests.

MANUFACTURING PROCESS

1. Add phase 1 to the reactor and mix thoroughly
2. Add phase 2 to the reactor on top of phase 1, mix thoroughly using a turbine mixer and heat to 80°C
3. Pre-mix phase 3 and heat to 80°C
4. Add phase 3 to phases 1 and 2 and mix thoroughly using a turbine mixer
5. Cool phases 1, 2 and 3 to 40°C
6. Add phase 4 to phases 1, 2 and 3 and mix thoroughly
7. Add phase 5 to phases 1, 2, 3 and 4, and mix thoroughly
8. Add phase 6 to adjust the pH (5/5.5)