

# ATP 23

A credit for timeless beauty

Advanced pro-age peptide that inhibits the glycation of dermal proteins and slows down the oxidative damage. **ATP 23** is recommended for aged skin, prevents expression wrinkles and renews skin cells.

# ATP 23

## DESCRIPTION

A rejuvenating amino peptide obtained by condensation between Azelaic acid and Tetrapeptide-23; recommended for aged skin in order to prevent expression wrinkles and to renew skin cells.

## INCI Name

Azeloyl Tetrapeptide-23

## PROPERTIES

- reduces the AGEs (Advanced Glycation End product) formation
- blocks glycation process
- strong antioxidant activity
- reduces wrinkles and lines

## CHARACTERISTICS

A second generation active ingredient, indicated for the treatment of skin ageing. Thanks to its peculiar structure it prevents skin lipids peroxidation, protecting cellular membrane from scavenger attacks. ATP 23 is recommended for aged skin.

## COSMETIC APPLICATIONS

- ▣ anti ageing products for face and body care
- ▣ antioxidant day creams
- ▣ face creams for mature skin
- ▣ firming serums
- ▣ pro-age advanced serums

## TECHNICAL SPECIFICATIONS

Aspect:	clear liquid
Colour:	colorless to pale yellow
Odour:	characteristic
Dry residual:	23 - 28%
pH:	5.0 - 7.0
Level of use:	2 - 5%

## DESCRIPTION

In vitro test confirms that ATP 23 shows:

- over 60% antioxidant activity as inhibitor of lipid peroxidation
- up to 50% of inhibition of AGEs formation on human fibroblasts (Fig.1)
- up to 40% scavenging activity as prevention and reduction from damage caused by ROS on keratinocytes

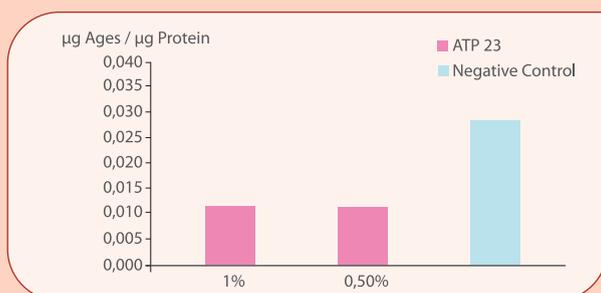
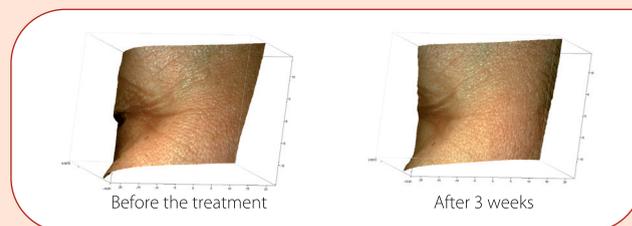


Fig.1: AGEs inhibition

**In vivo** test on volunteers (6 weeks\*)

- Photo imaging analysis (by Primos instrument) has evidenced a clinical reduction (already 10% at 3 weeks) of profilometric parameters. Wrinkles appear less evident and deep
- ATP 23 showed also an activity as enhancer of skin elasticity, density and brightness

\*conclusive results are not available at printing date



## PRO-AGE ADVANCED SERUM

Formulation code: LSIN 4041

Ingredients	Phase	% w/w
<b>HITCREAM®3000 (SINERGA)</b>	A	3.00
Cyclopentasiloxane	A	5.00
Water	B	to 100
Glycerin	B	3.00
Sodium Polyacrylate	B'	0.50
<b>FENICAP (SINERGA)</b>	B	1.00
Sodium Edta	B	0.10
Cyclopentasiloxane and Dimethicone/ Vinyl Dimethicone Crosspolymer	C	15.00
<b>ATP 23 (SINERGA)</b>	D	5.00
<b>TRI-SOLVE® (SINERGA)</b>	E	2.00
<b>TREALIX® (SINERGA)</b>	F	2.00
Parfum	G	0.50

## Method

Weight phase A and heat to 70°C.  
Weight phase B, heat to 70°C and add B' under homogeniser until homogeneous aspect.  
Add A to B under homogeniser until homogeneous aspect.  
At 50°C, add C under homogeniser to A+B.  
At 30°C add to the bulk D, E and F.  
Finally add the parfum (phase G).

**Sinerga**  
SKIN EVOLUTION