

Express your emotions,
preserve your beauty



Argireline®
YOUth
peptide

Preventing the emergence of future expression wrinkles

Oil-soluble version of the well-known Argireline® peptide, thanks to the LipoClear™ inverse micelle delivery system. Argireline® YOUth peptide shows efficacy against the areas of greatest concern among young generations, helping to prevent the emergence of future expression wrinkles.

COMMERCIAL SOLUTION: Transparent to translucent light-yellow oil containing 0.125% Acetyl Hexapeptide-8.

INCI: Cetyl Ethylhexanoate, Polyglyceryl-3 Laurate, Water (Aqua), Methyl Glucose Sesquistearate, Acetyl Hexapeptide-8.

USE LEVEL: 0.8-2% **SOLUBILITY:** Oil soluble.

SUSTAINABILITY:



Naturality according to ISO 16128
70.1% natural origin content

You know the destination
WE'LL HELP YOU REACH IT SUSTAINABLY

Happier smile expression validated by SmiLearning™ smile rating technology

Powered by Argireline® peptide, delivered through inverse micelle technology

SCIENCE

Preventative botulinum toxin is one of the procedures that is gaining traction among young consumers that are looking for solutions to prevent wrinkles from forming, while achieving a more natural-looking result.

Argireline® peptide mimics the N-terminal end of SNAP-25 and it competes with the natural protein for a position in the SNARE complex. If the SNARE complex is slightly destabilized, the acetylcholine filled vesicles cannot release neurotransmitters efficiently and as a result, muscle contraction is attenuated, preventing the formation of lines and wrinkles.

Argireline® YOUth peptide has been developed for consumers looking to preserve their beauty, including younger generations, and is recommended for oil-based formulations. *In vivo*, in a foundation, it helped minimize the appearance of expression lines, without compromising the smile expression. In an oil serum, it helped prevent the appearance of expression wrinkles, forehead lines, nasolabial folds and 'tech neck' lines.



CHINA
COMPLIANT



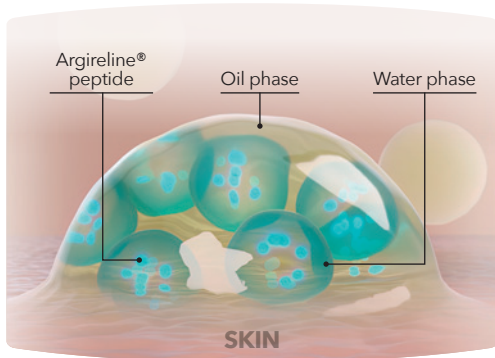
HALAL



PALM OIL
(RSPO)

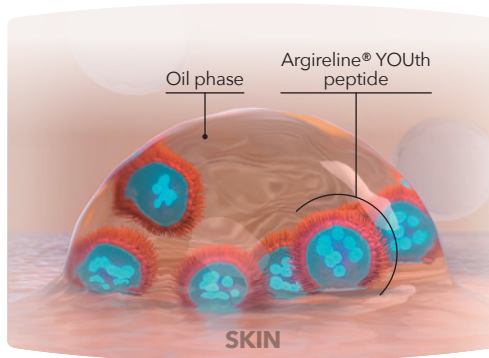


LIPOCLEAR™ INVERSE MICELLE DELIVERY SYSTEM



Reduced delivery of the peptide

Argireline® peptide
in a W/O emulsion



LipoClear™ inverse micelle system for improved delivery

Argireline® YOUth peptide
in an oil system

Improved peptide delivery and appearance of oil-based formulations

IN VIVO EFFICACY

KEEPING SMOOTH BUT EXPRESSIVE SKIN

65 female and male volunteers of Caucasian and Latin American descent aged between 19 and 35 years old applied a foundation with 2% **Argireline® YOUth peptide oil solution** or a placebo foundation on the face, once a day for 28 days.

- **Shorter and less visible wrinkles around the eyes**

Evaluated during a smile expression by means of a 3D microtopography imaging system based on fringe projection (PRIMOS).

- **SmiLearning™ smile rating technology based on Deep Learning**

Deep learning method for facial emotion recognition used to objectively quantify the smile of the volunteers at the end of the treatment.



-23.0% wrinkle volume,
-19.9% wrinkle area,
-11.1% wrinkle length

Use of Deep Learning to objectively quantify a smile

Wear happiness with a 22% bigger smile, compared to placebo.

PREVENTING THE APPEARANCE OF EXPRESSION WRINKLES AND 'TECH NECK'

60 female and male volunteers of Asian descent aged between 25 and 40 years old applied an oil serum with 0.8% **Argireline® YOUth peptide oil solution** or a placebo oil serum on the face and neck, twice a day for 28 days. Results were obtained after 7, 21 and 28 days of treatment.

- **Improved skin profilometry**

The profilometry of the skin surface was evaluated by means of 3D microtopography imaging system based on fringe projection (PRIMOS).

- **Minimized appearance of neck folds**

The improvement in the appearance of wrinkles on the neck fold area was evaluated by a dermatologist through visual scoring.



Smoother skin underneath the eyes and in the nasolabial and forehead regions

Helping prevent 'tech neck' lines

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