



MacPeptide™ AH8

Anti Aging
Anti-Wrinkle

MacPeptide™ AH8

INCI NAME
Acetyl Hexapeptide-8, Caprylyl Glycol, Water

CAS NUMBER
616204-22-9, 1117-86-8, 7732-18-5

MacPeptide™ AH8 is an anti-wrinkle peptide solution that improves skin elasticity by restoring the skin's natural water barrier. It helps bind water to the skin improving dry skin.

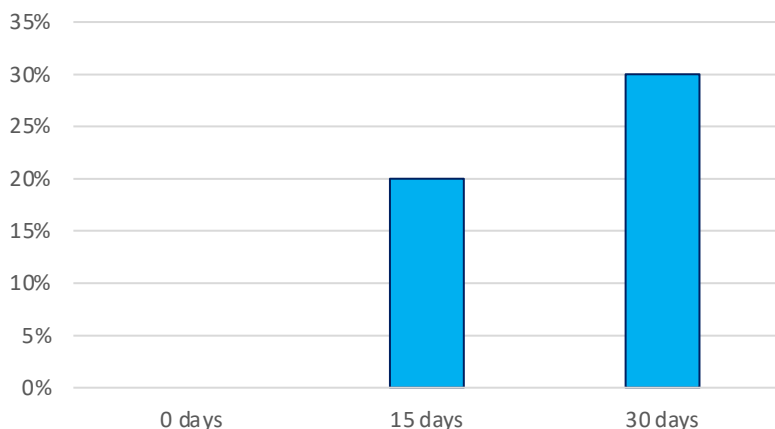
MacPeptide™ AH8 penetrates skin's layers to reduce appearance of wrinkles on the face. It is considered a neurotransmitter-inhibiting peptide because it may have the ability to target expression wrinkles.

EFFICACY TESTING

Ten healthy women applied an oil-in-water emulsion containing 10% Acetyl Hexapeptide-8 Amide (AH8) topically twice per day for 30 days. Emulsion without AH8 was applied to the contralateral side.

Skin topography analysis was performed by obtaining silicon imprints from the lateral preorbital region of each subject.

Change in Wrinkle Depth



Acetyl Hexapeptide-8 Amide reduced wrinkle depth by 30% after 30 days compared to 10% reduction in the control group

REFERENCES :

1. Blanes-Mira C, Clemente J, Jodas G, et al. A synthetic hexapeptide (Argireline) with antiwrinkle activity. *Int J Cosmet Sci* 2002;24(5):303-310.

TYPICAL PROPERTIES

TEST	SPECIFICATION
Appearance	Colorless, transparent solution
Peptide Content	≥ 0.045%
Odor	Slightly characteristic odor
pH	3.0 – 6.0

BENEFITS & FEATURES

- Anti-Wrinkle
- Anti-Aging

FORMULATION GUIDELINES

SOLUBILITY:

Water soluble

COMPATIBILITY:

Avoid contact with oxidizing agents

STABILITY:

Stable at room temperature

RECOMMENDED USE

LEVEL: 3.0-10.0 %



APPLICATIONS

- Serums
- Gels
- Face and neck creams
- Moisturizers
- Eye creams