



Xtra Hair Restorer Vials



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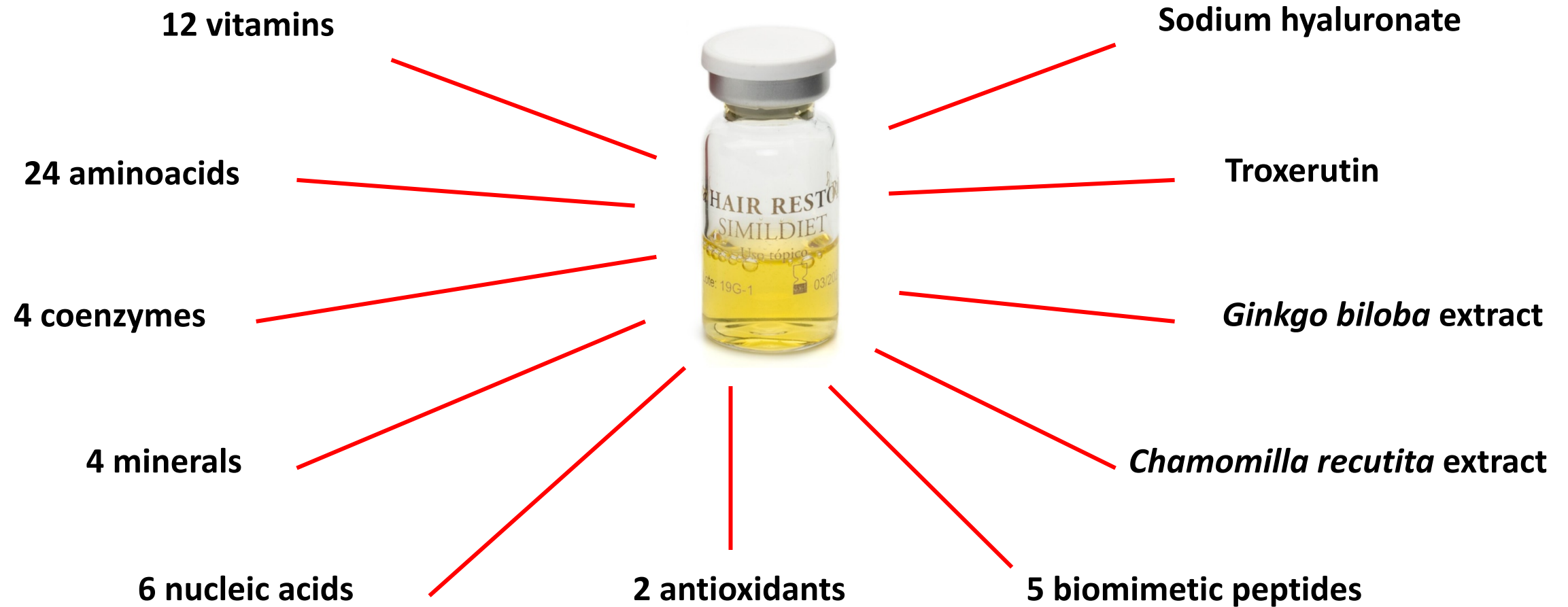
Medical board number: 7.406

Master in Aesthetic Medicine by L'Union
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Composition



Therapeutic indications



- All types of alopecia (affecting men and women).
- Restores hair quality, prevents hair loss and cares for dry, delicate and devitalised scalp.
- Improves alopecia problems in men and women.



Joint action



Induces growth revitalising follicles and enhancing blood flow, thus improving nourishing and oxygen flow to hair roots. Increases strength and resistance. Biodegradable product, it gradually decomposes and is later eliminated from our organism.



Properties of its active ingredients

- **Vitamins:** biocatalyzers in all the intermediary reactions necessary for proper respiratory and nutrition cell metabolism.
- **Amino Acids:** fundamental protein components (key structural hair material). Keratin is the most important protein in the formation of nails and hair. Help create new hair follicles and maintain hair's health, strength and thickness.
- **Coenzymes:** catalysts that accelerate metabolic reactions. They restore hair and its roots quality.
- **Minerals:** they encourage optimum nutrition and act as cofactors for the proper nutrients assimilation .
- **Nucleic Acids:** they contain all the information necessary to codify the synthesis of structural proteins that make up nails and hair.
- **Antioxidants:** protector effect against external aggressions (both climatic and chemical). Sebaceous regulating effect.



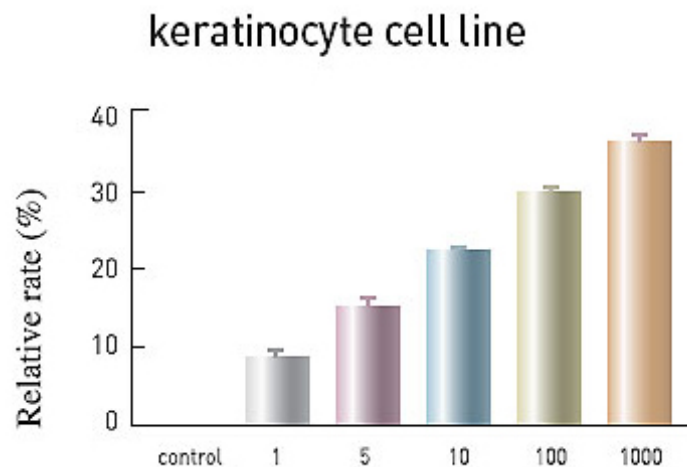
Properties of its active ingredients

- **Sodium hyaluronate:** maintains optimum tissue hydration level, thus avoid elasticity loss by increasing collagen and elastin production.
- **Troloxerutin:** reduces histamines release, thus helping to downregulate inflammatory processes. Boosts follicle oxygenation-nutrition. Increases collagen fibrillar synthesis and acts against free radicals and has an anti-lipoperoxidant effect.
- ***Ginkgo biloba* extract:** reduces capillary permeability and has a marked anti-oedematous effect. It has an eutrophic effect, increasing collagen synthesis. Protects cells against hypoxia and potentiates new hair growth. It effectively reduces cell oxidative stress caused by ultraviolet radiation.
- ***Chamomilla recutita* extract:** extract rich in flavonoids, terpenols and terpenes, such as chamazulene, alpha-bisabolol and apigenin, that have a fortifying effect on the capillaries of the scalp, as well as calming and anti-inflammatory effects.

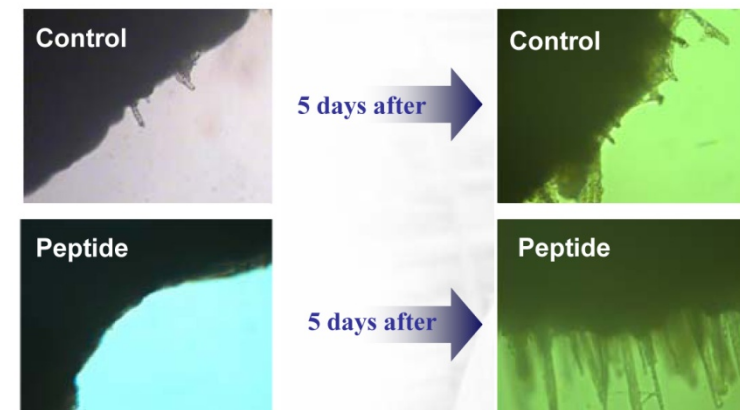


Properties of its active ingredients

- **Acetyl decapeptide-3:** fibroblasts basic growth factor. Modulates collagen synthesis.
- **Octapeptide-2:** regulates keratinocytes and fibroblasts proliferation. Accelerates hair growth. It activates hair follicles cells and stimulates hair growth and strengthening.



Evolution of the percentage of keratinocytes after treatment using Acetyl decapeptide-3 over a period of 72 hrs.



Effects on hair growth after five days of treatment using the peptide: Increased amount of hair, increased length and thicker hair shaft.



Properties of its active ingredients

- **Decapeptide-4**: increases elasticity and encourages collagen and elastin synthesis. General anti-aging and healing effect.
- **Copper tripeptide-1**: slows down hair loss. Helps strengthen the hair by stimulating follicles and boosting their growth and thickness. Stimulates microcirculation throughout the scalp.
- **Biotinoyl tripeptide-1**: protect and repair hair follicle structure. Specific for alopecia. Increase microcirculation around hair follicle and slow down follicular atrophy and aging.

The anagen/telogen ratio increased 46% after 14 days of treatment.

