

HAIR RESTORER



The **Xtra** line represents a giant step forward in SIMILDIET's™ dermocosmetic development. Fusing our traditional active ingredients and biomimetic peptides places us at the forefront of even the most advanced cosmeceutical companies.

By using biomimetic peptides we are acting on the innermost mechanisms of cell physiology. Biomimetic peptides interact as biocatalyzers, they participate in or inhibit inter-cell communication, activate metabolic processes and produce an overall biostimulation of the skin.

They are structurally identical to those found in human skin which means they can intervene in physiological mechanisms with a highly specific overall action.



Box contains 5 vials x 5 ml.

13 VITAMINS

Retinol (Vit. A), Pyridoxine (Vit. B-6), Thiamine Nitrate (Vit. B-1), Biotin (Vit. B-6), Tocopherol (Vit. E), Riboflavin (VIT. B-2), Aminobenzoic Acid (Bit. B-10), Inositol (Vit. I), Niacinamide (Vit. B-3), Cyanocobalamin (Vit. B-12), Menadione (Vit. K), Calcium Pantothenate (Vit. B-5), Folic Acid (Vit. M).

Biocatalyzers of all the intermediary reactions necessary for correct respiratory metabolism and cell nutrition.

24 AMINOACIDS

Aminobutyric Acid, Aspartic Acid, Glutamic Acid, Alanine, Arginine, Asparagine, Glycine, Cystine, Glutamine, Isoleucine, Hydroxy Proline, Histidine, Methionine, Leucine, Lysine, Proline, Ornithine, Phenylalanine, Threonine, Serine, Valine, Taurine, Tryptophan, Tyrosine.

These are the fundamental components of proteins (the key structural material of hair). Keratin is the most important protein in the formation of nails and hair.

They help create new hair follicles, and maintain the hair's health, strength and thickness.

4 CO-ENZYMES

Coenzyme A, Nicotinamide Adenine Dinucleotide (NAD), Thiamine Diphosphate (Cocarboxylase), Disodium Flavine Adenine Dinucleotide (FAD).

These are catalysts that accelerate metabolic reactions. They restore the quality of both the hair and its roots.

4 MINERALS

Calcium Chloride, Magnesium Sulphate, Potassium Chloride, Sodium Phosphate.

They encourage optimum nutrition and act as co-factors for the proper assimilation of nutrients

4 NUCLEIC ACIDS

Adenosine Cyclic Phosphate, Guanosine, Cytosine, Thymine.

They contain all the information necessary to codify the synthesis of the structural proteins that make up nails and hair.

2 ANTIOXIDANTS

Glutathione, Ascorbic Acid (Vit. C).

Protect against external aggressions (both climatic and chemical). They also help regulate oil content.

HYALURONIC ACID (1.5 %)

This maintains optimum moisture levels of the tissues, thus avoiding the loss of elasticity and boosting the production of new collagen and elastin.

THERAPEUTIC INDICATIONS

Appropriate for all types of alopecia (affecting both men and women), restoring hair quality, preventing hair loss and caring for dry, delicate and devitalized scalps. It improves the problems brought on by alopecia in both men and women.

INSTRUCTIONS FOR USE

Each specialist will recommend the best technique to correctly apply the product.

Storage Conditions:

Store between 2°C and 25°C. Avoid leaving the product on the floor, close to a source of heat or humidity or exposed to direct sunlight.

Xtra HAIR RESTORER SIMILDIET™, induces growth, revitalizing the follicles and augmenting the blood flow thus improving the nutrition and flow of oxygen to the hair roots. This product does not contain any hormonal substances and does not interact with hormone receptors and can thus be used by either sex. It increases hair thickness and volume, making the hair stronger and more resistant.

RUTIN

This reduces the release of histamines, thus helping to downregulate inflammatory processes. Boosts the supply of oxygen and nutrients to the follicle. It increases the fibrillar synthesis of collagen, acts against free radicals and has an anti-lipoperoxidant effect.

GINKGO BILOBA EXTRACT

This reduces capillary permeability and has a marked anti-oedematous effect. It possesses a eutrophic action, increasing collagen synthesis. It protects cells against hypoxia and potentiates the growth of new hair. It effectively reduces cell oxidative stress which is produced by ultraviolet radiation.

6 BIOMIMETIC PEPTIDES

Acetyl Decapeptide - 3:

This is a basic growth factor of fibroblasts. It modulates collagen synthesis.

Decapeptide - 4:

Increases elasticity inducing collagen and elastin synthesis. It has a general anti-aging and healing effect.

Octapeptide - 2:

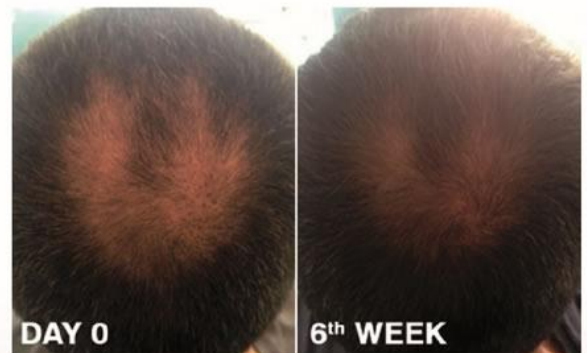
This regulates the proliferation of keratinocytes and fibroblasts. It accelerates hair growth and activates the hair follicles as well as stimulating growth and strengthening hair.

Copper Tripeptide - 1:

This slows down hair loss. It helps strengthen the hair by stimulating the follicles and boosting their growth and thickness. It stimulates microcirculation throughout the scalp.

Apigenin + Biotinoyl Tripeptide - 1:

These protect and repair the structure of the hair follicle and are specific in cases of alopecia. They increase microcirculation around the hair follicle and slow down atrophy and aging of the follicle.



Male, 40 years old with androgenetic alopecia.

Treatment performed with **transdermic electroporation** in 20 minutes sessions at 90% power, using 2 cc from **Xtra HAIR RESTORER SIMILDIET™** vials in each session.

Results after 2 weekly session during 2 weeks and 1 session during the next 4 weeks. 8 sessions altogether.

