



LOX-AGE™

An aqueous extract from chicory leaves for perfect, youthful skin



The newly discovered key protein LOX (lysyl oxidase) is of great importance to the skin. The multifunctional protein LOX has a very broad spectrum of action and is very similar in this way to the renowned anti-aging substance retinol.

Once the skin cells have released LOX, the protein splits into two active substances: the active enzyme LOX and a pro-peptide. That makes the protein **active in two ways**. The catalytic enzyme domain acts in the deepest skin layer, the dermis, while the pro-peptide domain plays an important role in the **epidermal differentiation processes**.

With age, the skin is no longer capable of forming this important enzyme in large quantities. With the botanical active LOX-AGE™, formation of this important key protein is restimulated.

In-vitro studies show improved differentiation and cohesion of the keratinocytes in the epidermis as well as increased formation of collagen I in the dermis (2-in-1 approach).

In a clinical trial, 32 women applied 2% LOX-AGE™ to the facial area twice daily over 8 weeks. In a second group, 30 volunteers applied 0.07% retinol to the face once daily over 8 weeks. Observations after application of 2% LOX-AGE™ were **smoothed wrinkles, reduced pore visibility and improved** skin elasticity.

LOX-AGE™ was as effective as retinol in this trial. More than 90% of the volunteers perceived a nourishing and moisturizing effect.

LOX-AGE™

INCI: Water(and) Cichorium Intybus (Chicory) Leaf Extract (and) Hexylene Glycol (and) Caprylyl Glycol (and) Xanthan Gum

Appearance: Amber-coloured liquid

Application concentration: 2 %

Solubility: Soluble in water, alcohol and glycols

Lox-AGE™ is a trademark of BASF Care Creations

Distributed by

IMPAG Chemicals Poland Sp. z o.o.

ul. Grzybowska 4 lok 80

00-131 Warszawa

Poland

Tel.: +48 22 418 40 00

Faks: +48 22 418 40 9

Mail: info@impag.pl

Web: www.impag.pl

IMPAG grupa

Szwajcaria/Zurich – www.impag.ch

Niemcy/Offenbach – www.impag.de

Francja/Nancy – www.impag.fr

Polska/Warszawa – www.impag.pl

Austria/Wiedeń – www.impag.at