



ECM Tripeptyd

matrikin technology in comprehensive anti-wrinkle care

ECM Tripeptide is one of the most famous anti-aging ingredients with very high anti-wrinkle effectiveness. Contains the so-called matrikins, a group of low-molecular-weight peptides that, thanks to their small size, penetrate deep into the dermis. Matrikins stimulate the activity of fibroblasts. They increase skin firmness and elasticity, improving facial contours and reducing wrinkles. They are distinguished by very high biological activity. They have the ability to „send“ and carry information directly to skin cells and stimulate them to produce more structural elements, including: collagen, elastin, fibronectin and hyaluronic acid. Thanks to such complex effects, wrinkles are reduced and the skin becomes smooth, bright and elastic. ECM Tripeptide is a complex of two active peptides: Palmitoyl Tripeptide-1 and Palmitoyl Tetrapeptide-7. Thanks to the addition of palmitic acid (PAL) molecules to the peptide, matrikins effectively penetrate deep into the skin, where they have a repairing and stimulating effect. The anti-wrinkle complex helps reverse the effects of chronological aging, a natural biological process associated with age, and reduce skin photodamage.

INCI

Aqua, Glycerine, Butylene Glycol, Carbomer, Polysorbate 20, 6 Palmitoyl Tripeptide-1, 7 Palmitoyl Tetrapeptide-7, Sodium Lactate

properties

- anti-wrinkle
- firming and elasticizing the skin
- protecting against photoaging
- thickening the skin structure
- comprehensively rejuvenating
- improving the oval of the face
- delaying aging processes

application

- care for mature skin with visible wrinkles and deep furrows
- anti-aging prevention
- wrinkles under the eyes and around the mouth
- reducing the tension of the face oval
- loss of firmness and elasticity of the skin of the face, neck and cleavage
- skin exposed to UV radiation
- aging hand skin
- preventing stretch marks

advantages

- MOQ 1 kg, suitable for vegans and vegetarians
- ISO 16128 naturalness index close to 1
- Paraben-free, no GMO
- Stable at temperatures from -14 to +40°C

technical data

- opalescent gel with a characteristic smell
- water-soluble
- pH 4-6

use

- recommended use 3%
- raw material added cold below 40°C

FACE CREAM		
PHASE	TRADE NAME	%
A	Water	64,73
	Cheladrem- SP*	0,20
	Flocare PSD 100	0,30
B	Glycerine	6,00
	Rheocare® XGN / Verdessence™ Xanthan	0,20
	Ercawax GMS V	1,00
C	Olivem 1000	3,00
	WAGLINOL 1449NG	5,00
	Cetiol C 5	5,00
	Isopropyl Palmitate EM-16	2,00
	Oilnat avocado	1,00
	SP Crodafos CES-MBAL- PA-(RB)	2,00
	SP Crodacol CS90-MBAL-PA-(RB)	3,00
D	Verstatil PC	1,00
	24 h Hyaluronat*	0,25
	ECM Tripeptyd*	3,00
	Growth Factors Complex*	2,00
	Fragrance composition	0,30

*Popławska Group

technology

1. Add the ingredients of phase A and a uniform premix of the ingredients of phase B to the main container, mix until obtaining a mass without clusters of solid substances, heat to 80°C
2. Dissolve the ingredients of phase C in the auxiliary container at 80°C
3. Add the ingredients prepared in item 2 to the main container and start homogenization
4. Cool below 40°C, introduce the ingredients of D phase and mix