

Matrixyl 3000



PROFESSIONAL MANUFACTURER FOR PEPTIDE

CAT:CP10028

Palmitoyl Oligopeptide : Palmitoyl Tetrapeptide-7 = 2:1

Version: 20101

TECHNICAL DATA SHEETS

Product information

Product Name: Palmitoyl Oligopeptide + Palmitoyl Tetrapeptide-7 (Matrixyl 3000)

CAS No.147732-56-7, 221227-05-0

Specification: >98%

Appearance: White powder

Quality reports: Coa/MS/HPLC/TDS and etc

Packing:

Powder: 1g, 2g, 5g, 10g, 100g in PP Bottle

Solution/Serum: 100ML, 1.0L in Sealed aluminum bottle

Descriptions

Matrixyl 3000 is a blend of Palmitoyl Oligopeptide and Palmitoyl Tetrapeptide-7.

Palmitoyl Oligopeptide sequence is found in proteins of the extracellular matrix such as the α chain of collagen, and it is believed to be released during wounding and inflammation.

A feedback stimulation of collagen repair has also been proposed for this peptide, but the main benefit to photoaged skin is believed to be the enhanced delivery of copper. It is found to have the beneficial effects on collagen stimulation.

Palmitoyl Tetrapeptide-7 mimics the activity of DHEA, the youth hormone that functions to reverse IL-6 over-production, and therefore reduce the aging symptoms as well as the phenomenon of immunosenescence. Palmitoyl Tetrapeptide-7 can enhance the functions in a variety of skin care and color cosmetic formulation.

Applications & Function

For Anti-wrinkle, Anti-aging, Skin repair cream/serum/lotion

Reduce fine lines and wrinkles

Stimulate HA production

Glycation inhibitor and repair

Increase skin elasticity

Moisturizing and hydration

Stimulate collagen production

Sun damage repair.

Technical Data

INCI Name : Palmitoyl Oligopeptide + Palmitoyl Tetrapeptide-7 (Ratio 2:1)

References : Matrixyl 3000

Shelf Life: 24 months

Solubility: Water Insoluble

For external use only

Dissolution Steps

Step 1. Wet Powder with Tween 20

Step 2. Add water

Step 3. Ultrasound assisted Dissolution

Recommended Concentration Dosage

0.05%-0.1% (98.0% Powder)

Or according to own brand Formula ratio

Recipe reminder

Water Insoluble, pH 5-7, the final stage of the formula <45 °C low temperature addition; good compatibility; stable without discoloration.

Storage

Store at -20°C



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