

Palmitoyl Tripeptide-38

Cat. No. CECF-015

Lot. No. (See product label)

Introduction

Description Palmitoyl Tripeptide-38 is an advanced skincare ingredient renowned for its powerful anti-wrinkle and firming effects. It is composed of three amino acids and is a doubly oxidized lipopeptide, inspired by a tripeptide naturally found in Collagen V and Laminin. This ingredient works by rebuilding the skin from within, particularly improving forehead lines, crow's feet, frown lines, and neck wrinkles. The anti-aging effect of Palmitoyl Tripeptide-38 primarily stems from its Matrikine action. Matrikines are small peptide molecules that regulate cell activity, stimulating the synthesis of key components of the skin matrix and the dermal-epidermal junction (DEJ) by matrix cells (such as fibroblasts), including: 1. Collagen I, III, and IV: Collagen is the main structural protein in the skin, providing elasticity and strength. 2. Fibronectin: An important matrix protein involved in constructing the extracellular matrix and cell adhesion. 3. Hyaluronic Acid: A potent moisturizer that attracts and retains water, keeping the skin plump and hydrated. 4. Laminin-5: Plays a crucial role in the skin's basement membrane, helping to connect the epidermis and dermis. By promoting the synthesis of these key components, Palmitoyl Tripeptide-38 can reconstruct the skin's network structure, enhancing skin firmness and elasticity, thereby effectively reducing wrinkles and fine lines. Long-term use of skincare products containing this ingredient can significantly improve the overall texture and appearance of the skin, making it look younger and firmer.

Applications It can be used in anti-wrinkle and anti-aging products, skin care products, repair products such as acne products.

Product Information

Appearance Clarified clear liquid

Form Liquid

CAS No. 1447824-23-8

Molecular Weight 675.96

pH Stability 3.0-5.0

Usage and Packaging

Package 1kg/bottle

Storage and Shipping Information

Storage Keep sealed, shaded and cool.