

Unipep MatrixPro 3000

INCI Name

Glycerin, Butylene Glycol, Aqua, Polysorbate-20, Carbomer, Palmitoyl Tripeptide-1, Palmitoyl Tetrapeptide-7

Specification

Palmitoyl Tripeptide-1 CAS No.: 147732-56-7

Palmitoyl Tetrapeptide-7 CAS No.: 221227-05-0

Peptide Content: 1000-1500 PPM

Properties

Appearance: Translucent viscous liquid

Colour: Colorless to slightly milky white

Odor: Slightly characteristic odor

pH: 4.0-7.0

Solubility: Soluble in water

Inorganic Analysis

Lead(Pb): ≤ 10 ppm

Arsenic(As): ≤ 2 ppm

Cadmium(Cd): ≤ 5 ppm

Mercury(Hg): ≤ 1 ppm

Microbial Analysis

TAMC: ≤ 100 cfu/g

Mold & Yeast: ≤ 50 cfu/g

Thermotolerant coliform: N.D

Pseudomonas aeruginosa: N.D

Staphylococcus aureus: N.D

Manufacturing Technique

Manufacturing method: Chemical method

Brief description of the technique:

Raw material–Mixing–Filtration–Filling–Product

Application

Main application: Cosmetic raw materials

Efficacy: Anti-aging, firming

Formulation suggestion: Commonly used in creams, serums, lotions, etc. Add below 45 °C at the end of the formulation

Suggested addition amount: 1.0%–10.0% as liquid

Incompatibility: Avoid combination with strong acids, strong bases, powerful oxidizing agents, acid chlorides, and acid anhydrides.

Packing & Storage

Packaging: 1 Kg/bottle

Storage: Kept in an airtight container at cool temperature

Shelf life: 24 months

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