

Unipep-Mu

INCI Name

Aqua, Arginine/Lysine Polypeptide

Specification

Peptide content: 100 ppm

Acetic acid content: $\leq 0.05\%$

CAS: 31014-78-5

Molecular formula: $C_{92}H_{139}N_{35}O_{28}S_6$

Molecular weight: 2375.7

Peptide Sequence :

Pyr-Gly-Cys-Cys-Asn-Gly-Pro-Lys-Gly-
Cys-Ser-Ser-Lys- Trp-Cys-Arg-Asp-His-
Ala-Arg-Cys-Cys-CONH₂
(Disulfide bridge: Cys3-Cys15, Cys4-
Cys21, Cys10-Cys22)

Properties

Appearance: Transparent Liquid

Odour: Characteristic odor

PH : 4-7

Preservative : Euxyl PE 9010

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:

Amino acid–synthesis–purification–drying–
subpackage

Application

Main application: Cosmetic raw materials

Efficacy: Instant anti-wrinkle

Method: Commonly used in creams, serums, etc.

Add below 40 °C at the end of the formulation

Recommended dosage: 1% – 10%

Incompatibility: Strong acids, strong bases, strong
oxidizing agents, acyl chlorides and acid anhydrides

Packing & Storage

Packaging: 1 Kg/bottle

Storage: Kept in an airtight container at cool
temperature

Shelf life: 24 months

UNIKEMA Srl

Via Benigno Crespi, 57

20159, Milano, Italy

Tel: 39-3517227647 Email:

info@unikema.com Web:

www.unikema.com