

Acetyl Hexapeptide-51 amide

INCI	Acetyl Hexapeptide-51 amide
Peptide Sequence:	-
Molecular Formula:	C ₃₈ H ₆₁ N ₉ O ₁₁
Molecular weight:	819.60
Cas No.:	-
Synonym:	Juveleven
Application:	cosmetics - cell repair, renewal and longevity
Packaging:	bottle
Filling quantity:	1 g / bottle 5 g / bottle 10 g / bottle 100 g / bottle special packaging upon request
Storage and shelf life:	cool, dark and clean place -20°C shelf life 36 months 2 - 8 °C shelf life 12 months



Product Specification

Acetyl Hexapeptide-51 amide

Test	Specification	Batch YS210601
Appearance	white powder	conforms
Identity by HPLC	the retention is same with the reference substance	conforms
Identity by MS	819.60±1	819.49
Solubility	soluble in water	conforms
Peptide purity (by HPLC)	≥ 95 %	95.33 %
Water content (Karl Fischer)	≤ 8 %	2.68 %

Cosmetic benefits

Acetyl Hexapeptide-51 amide is specifically designed to enhance the natural mechanisms to diminish the DNA damage that several factors produce along with the years (UV exposure, radiation, stress DNA replication, diet, ...) protecting genomic integrity. As a result, it is ideal to incorporate into facial and body formulations to enhance cellular protection (from pollution and environment), photoprotection (sun care), stress resistance, cellular longevity and vitality (rejuvenating), as well as global anti-aging treatments and the products especially designed for outdoors sports (environmental protection).

Cellular senescence is reverted, and UV-mediated DNA damage is diminished (-16.6 % in 24 h), all this contributing to achieving a younger look for longer.

Use level: 0.05 %

In solution of Butylene Glycol and Water. For final use in cosmetic formulations 2 % of the solution.

