

Tetrapeptide-21

INCI	Tetrapeptide-21
Peptide Sequence:	GEKG
Molecular Formula:	C ₁₅ H ₂₇ N ₅ O ₇
Molecular weight:	389.41
Cas No.:	-
Synonym:	TEGO Pep 4-17
Application:	cosmetics
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

Tetrapeptide-21

Test	Specification	Batch 210301
Appearance	white to off-white powder	conforms
Identity by HPLC	the retention is same with the reference substance	conforms
Identity by MS	500±1	500.3
Solubility	soluble in water	conforms
Peptide purity (by HPLC)	≥ 95 %	99.21 %
Water content (Karl Fischer)	≤ 8 %	2.15 %

Characteristics

- . shows superior collagen, hyaluronic acid and fibronectin boosting activity
- . minimizes the appearance of all kinds of wrinkles
- . smoothes the skin surface
- . reduces shin roughness
- . shows strong skin firming activity
- . increases skin elasticity

Use level: 0.001 – 0.01 %, maximum 0.05 % (water soluble, optimum pH 5-7)

Cosmetic benefits

Tetrapeptide-21 is an ideal active ingredient to prevent and minimize the appearance of skin aging based on its collagen boosting activity.

