

Oligopeptide-20

INCI	Oligopeptide-20
Peptide Sequence:	-
Molecular Formula:	$C_{63}H_{95}N_{13}O_{22}S$
Molecular weight:	1418.58
Cas No.:	-
Synonym:	CG-IDP5
Application:	Cosmetics - anti-wrinkle / wound healing
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 24 months 2 - 8 °C shelf life 12 months



Product Specification

Oligopeptide-20

Test	Specification	Batch YS19080LP20
Appearance	white OR off-white powder	conforms
Identity by HPLC	the retention is same with the reference substance	conforms
Identity by MS	1418.58±1	conforms
Solubility	soluble in water	conforms
Peptide purity (by HPLC)	> 95 % by area integration	97.29 %
Water content (Karl Fischer)	< 8 %	2.65 %

Characteristics

Strengthen skin elasticity by inducing the synthesis of collagen and elastin. Involve in normal skin growth, healing and wound repair. Reduce and prevent lines and wrinkles by actively generating new skin cells.

Use level: 0.001 - 0.0025 % (water soluble, optimum pH 3-6)

Oligopeptide-20 should be incorporated at the end of formulation at a temperature of 35/40 °C.

Cosmetic benefits

Oligopeptide-20 is a synthetic 12 amino acid peptide consisting of alanine, arginine, cysteine, glutamic acid, leucine, lysine, methionine, proline and tyrosine.

