

Decapeptide-4

INCI	Decapeptide-4
Peptide Sequence:	is a synthetic peptide consisting of arginine, asparic acid, cysteine, glutamic acid, leucine, methionine and tyrosine
Molecular Formula:	$C_{53}H_{86}N_{16}O_{16}S_3$
Molecular weight:	819.90
Cas No.:	-
Synonym:	CG-IDP2
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

Decapeptide-4

Test	Specification	Batch YS211201
Appearance	white or off-white powder	conforms
Identity by HPLC	the retention is same with the reference substance	conforms
Identity by MS	1299.55±1	1299.08
Solubility	soluble in water	conforms
Peptide purity (by HPLC)	≥ 95 %	98.90 %
Water content (Karl Fischer)	≤ 8 %	4.29 %

Characteristics:

Strengthens skin elasticity by including the synthesis of collagen and elastin. Involves in normal skin regeneration, healing and wound repair.

Reduces and prevents lines and wrinkles by actively generation new skin cells.

Use level: 0.002 – 0.005 % (water soluble, optimum pH 5-7)

Cosmetic benefits

- anti-wrinkle
- skin lifting
- hair growth

