



Acetyl tripeptide-30 citrulline

INCI name: Acetyl tripeptide-30 citrulline

Molecular Formula: $C_{26}H_{41}N_{13}O_7$

Molecular weight: 647.33

Application: Cosmetics

Packaging: bottle

Filling quantity:
1 g / bottle
5 g / bottle
10 g / bottle
special packaging upon request

Storage and Shelf life: 2 - 8 °C cool, dark and clean
shelf life 24 months



Product Specification

Acetyl tripeptide-30 Citrulline

Manufacturing date: 07.06.2019

Expiry date: 06.06.2021

Test	Specification	Batch YS1802ATP3
Appearance	white powder	conforms
Solubility	soluble in water	conforms
Identity (by HPLC)	the retention is same with the reference substance	conforms
Identity (by MS)	647.35 ± 1	conforms
Amino acid composition	± 10 % of theoretical	conforms
Peptide purity (by HPLC)	> 95.0 % by area integration	96.68 %
Water content (Karl Fischer)	< 8.0 %	5.74 %

Characteristics

Matrix metalloproteinases (MMPs) are collectively capable of degrading essentially all extracellular matrix components. Acetyl tripeptide-20 citrulline is a new synthetic tetrapeptide that inhibits selectively human MMPs.

Use level: 0.002 - 0.01 %

Cosmetic benefits

Prevents the degradation of the extracellular matrix components that get disrupted in the formation of stretch marks.

Prevents the formation of new stretch marks by giving more strength to skin to withstand distension.