

Technical Data Sheet

Product Name: **Acetyl Tetrapeptide-1 (95% Powder)**

INCI Name: **Acetyl Tetrapeptide-1**

Structure: /

Product Properties:

Molecular Formula: /

Molecular Weight : /

CAS Number : /

EINECS : /

Specification:

Items	Specifications
Appearance	White powder
MS	487.5 ± 1
Water Content (Karl Fischer)	≤8.0%
Acetic Acid (By HPLC)	≤15.0%
Peptide Purity (By HPLC)	≥95.0%

Product Introduction:

Acetyl Tetrapeptide-1 is a synthetic signaling peptide that promotes skin regeneration and collagen synthesis. It helps improve elasticity, reduce wrinkles, and support hair health, making it suitable for both skincare and haircare applications.

Function:

- ❖ Stimulates collagen production to improve skin elasticity and firmness;
- ❖ Helps regulate melanin activity for a more even skin tone;
- ❖ Supports skin regeneration and barrier conditioning.

Application:

- ❖ Skincare: Serums, creams, lotions, facial masks;
- ❖ Haircare: Shampoos, conditioners, scalp treatments;
- ❖ Haircare: Shampoos, conditioners, scalp treatments.

Recommended use level: 0.1% - 10% (Water-soluble)

Package:

1g/bottle; Or as per customer requirements.

Storage:

Store at a temperature of 2-8°C, keep sealed and away from light.

Shelf life:

Two years.

Disclaimer:

The above information is meant to be informative and for general purpose only. MRK Trading accept no liability arising from or in connection with use or reliance of this information or anything contained in it. Please seek independent professional advice and perform laboratory test if necessary.