

Palmitoyl Tetrapeptide-20

CAT#MB1020

TECHNICAL DATA SHEETS

PROFESSIONAL MANUFACTURER FOR PEPTIDES

Product information:

Product Name: Palmitoyl Tetrapeptide-20

Other name: PTP20

Sequence : Pal-His-Phe-Arg-Trp-NH₂

Molecular formula: C₂₂H₄₀N₆O₇

Molecular weight : 881.67

Appearance: White Powder

Specifications: 98.0%

Solution: 1000-2000ppm

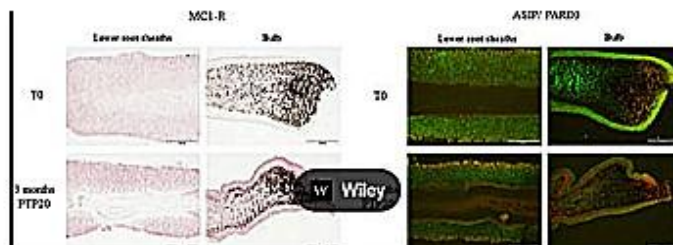
Colorless transparent liquid

Quality: Coa,Tds,sds and etc

Package:

Powder: 1g,10g,100g

Solution:100ml,1Liters,5Liters



In addition, Palmitoyl Tetrapeptide-20 enhances the expression of catalase, an antioxidant enzyme responsible for intracellular oxygen peroxide destruction. It lessens intracellular H₂O₂ by up to 30%, preventing oxidative stress and cell damage.

Palmitoyl Tetrapeptide-20 is an effective, safe, and scalp-friendly ingredient for hair, beard, and mustache care applications. It is an ideal alternative to chemical coloring that progressively retrieves natural hair color, exposing youthful hair appearance.

Descriptions

Palmitoyl tetrapeptide-20 (PTP20) is a biomimetic peptide derived from the α -melanocyte-stimulating hormone (α -MSH). Palmitoyl Tetrapeptide-20 is an ingredient to remedy white hair without making a hair coloration. This ingredient is capable of repigmenting hair from the roots: Palmitoyl Tetrapeptide-20 is an active ingredient that boosts Melanin production and helps stimulate the natural pigmentation of hair during regrowth.

Incorporated in hair care applications, Palmitoyl Tetrapeptide-20 speeds up melanosome maturation in follicular melanocytes and their transfer to keratinocytes, preventing and reversing (re-pigmentation) hair greying. It intensively recovers natural hair color in relatively higher concentrations, which can be supported with preventive applications containing lower concentrations.

Functions&Benefits

Re-pigmenting

Hair-coloring

Antioxidant

Technical Datas

INCI Name: Palmitoyl Tetrapeptide-20

Reference: GREYVERSE

Source: synthetic

Solubility: Water-soluble,

Concentration Dosage

0.05%-0.2%(500PPM-2000PPM)

Storage

Common storage 2-8 ° C , long time storage -20 ° C

CosIng - Cosmetics Ingredients

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Ingredient: PALMITOYL TETRAPEPTIDE-20

 PDF

INCI Name	PALMITOYL TETRAPEPTIDE-20
Description	Palmitoyl Tetrapeptide-20 is the product obtained by the reaction of palmitic acid and Tetrapeptide-20.
CAS #	-
EC #	-
Identified INGREDIENTS or substances e.g.	
Cosmetics Regulation provisions	
Functions	• ANTIOXIDANT
SCCS opinions	



Palmitoyl Tetrapeptide-20 formulation in brand for reference

Greyverse™

Company: [Lucas Meyer Cosmetics](#) · INCI Name: Glycerin (and) Water (and) Palmitoyl Tetrapeptide-20 Amide

DOCUMENTS

 [Greyverse™](#)

Greyverse™ contains an innovative α-MSH biomimetic peptide able to act on the different causes of the hair greying process. It offers an unprecedented efficient solution to prevent, stop, and reverse this inevitable sign of aging.



MOBEL BIOMATERIALS TECHNOLOGY CO.,LIMITED

Add: 25 NO.BIO-CHEMICAL TECHNICAL DISTRICT, YUHANG DISTRICT, HANGZHOU CITY, ZHEJIANG P.R CHINA 310001

TEL:+86-571-85099223

FAX: +86-571-85099222

EMAIL: sales@mobelbiochem.com

To Whom it may Concern

VEGAN STATEMENT

The item Palmitoyl Tetrapeptide-20 manufactured by Mobelbio.,llc
is amino acid synthesized ,Non-aminal source.

GMO-Free

The company does not use any products or raw materials of animal origin and
Synthetic Peptides therefore suitable for all classes of Vegetarians and Vegans.

Since no animal products or materials derived from animal products are used
during or after manufacture, there is no source of BSE (Bovine Spongiform
Encephalopathy) or TSE (Transmissible Spongiform Encephalopathy) agents.

Company Name: Mobel Biomaterials Technology Co.,ltd

Date: 09/20/2024

