

# Palmitoyl OligoHexa-12

<b>INCI</b>	Palmitoyl OligoHexa-12
<b>Peptide Sequence:</b>	Pal-Gly-His-Lys-OH, Pal-Val-Gly-Val-Ala-Pro-Gly-OH
<b>Molecular Formula:</b>	$C_{30}H_{54}N_6O_7$ , $C_{38}H_{68}N_6O_8$
<b>Molecular weight:</b>	578.79, 736.98
<b>Cas No.:</b>	147732-56-7, 171263-26-6
<b>Synonym:</b>	Biobustyl
<b>Application:</b>	cosmetics – body and bust care firming and energizing treatments
<b>Packaging:</b>	bottle
<b>Filling quantity:</b>	1 g / bottle 5 g / bottle 10 g / bottle 100 g / bottle special packaging upon request
<b>Storage and shelf life:</b>	cool, dark and clean place -20°C shelf life 24 months 2 – 8 °C shelf life 12 months



# Product Specification

## Palmitoyl OligoHexa-12

Test	Specification	Batch YS210701
Appearance	white powder	conforms
Identity by HPLC	the retention is same with the reference substance	conforms
Identity by MS	578.81±1 736.98	conforms
Peptide purity (by HPLC)	≥ 95 %	98.12 %
Water content (Karl Fischer)	≤ 8 %	3.96 %
Pal-GHK:Pal-VGVAPG (w/w)	1.5 – 3.5	3.0

### Characteristics

Palmitoyl OligoHexa-12 is a firming and conditioning agent. It provides elasticity, flexibility and skin tightening. It deeply restructures and dynamizes the skin. It enhances the skin toning and provides a genuine firmness and tone concentrate for the bust.

Use level: 0.001 – 0.005 %, maximum 0.01 % (optimum pH 6)

Palmitoyl OligoHexa-12 should be incorporated at the end of the formulation at a temperature < 40 °C.

### Cosmetic benefits

- . deeply restructures and dynamizes the skin.
- . enhances bust firmness and tone.

