



## Myristoyl pentapeptide-8

|                         |   |
|-------------------------|---|
| <b>INCI name:</b>       | <b>Myristoyl pentapeptide-8</b>   |
| Peptide Sequence:       | -   |
| Molecular Formula:      | $C_{34}H_{64}N_{10}O_8$   |
| Molecular weight:       | 740.62  |
| Cas No.                 | -   |
| Application:            | Cosmetics – reduction of dark circle around the eyes  |
| Packaging:              | bottle  |
| Filling quantity:       | 0.1 g / bottle<br>1 g / bottle<br>5 g / bottle<br>10 g / bottle<br>special packaging upon request |
| Storage and Shelf life: | 2 - 8 °C, dark and clean<br>shelf life 24 months.   |



## Product Spezifikation

# Myristoyl pentapeptide-8

Manufacturing date: 31.08.2017

Expiry date: 30.08.2019

| Test                         | Specification                          | Batch No.<br>20170831 |
|------------------------------|--|-----------------------|
| Appearance                   | white powder                           | conforms              |
| Identity                     | 740.62 ± 1                             | conforms              |
| Solubility                   | soluble in water or<br>1 % acetic acid | conforms              |
| Amino acid composition       | ± 10 % of theoretical                  | conforms              |
| Peptide purity (by HPLC)     | ≥ 95.0 % by area integration           | 97.36 %               |
| Water content (Karl Fischer) | ≤ 8.0 %                                | 7.75 %                |
| Acetate content              | ≤ 15.0 %                               | 6.37 %                |

### Characteristics

Myristoyl pentapeptide-8 upregulates fibroblast growth factor and vascular endothelial cell.

Use level: 0.005 % (maximum dosage: 0.05 %)

### Cosmetic benefits

Myristoyl pentapeptide-8 increases capillary strength to reduce blood leakage/pooling and prevent formation of dark circles.