

# 专利油溶体系产品

Patented Oil-soluble Products



**4** 小时实现吸收率提升 **2** 倍

Absorption rate has a two-fold increase with 4 hours

**与常见油脂兼容性强**

Strongly compatible with common oil

**高温稳定配伍性强**

High-temperature stability and strong compatibility



一种稳定的油溶多肽组合物及其制备方法和应用 专利号: ZL201910584254.5

A stable oil-soluble polypeptide composition and its preparation and application Patent No: ZL201910584254.5

- 专利技术 以“油”养肤 -

- Nourish skin with oil-soluble peptide as a patented technology -

## 专利油溶产品品类 Patented Oil-soluble Product Category



**淡化皱纹**  
Fade wrinkles

油溶芋螺肽  
Oil-soluble Conopeptide

油溶棕榈酰三肽-1  
Oil-soluble Palmitoyl Tripeptide-1

油溶棕榈酰五肽-4  
Oil-soluble Palmitoyl Pentapeptide-4



**屏障修复**  
Repair skin barriers

油溶铜肽  
Oil-soluble Copper Tripeptide-1

油溶棕榈酰四肽-7  
Oil-soluble Palmitoyl Tetrapeptide-7

油溶舒敏复颜肽  
Oil-soluble Polypeptide



珠海冀百康生物科技有限公司

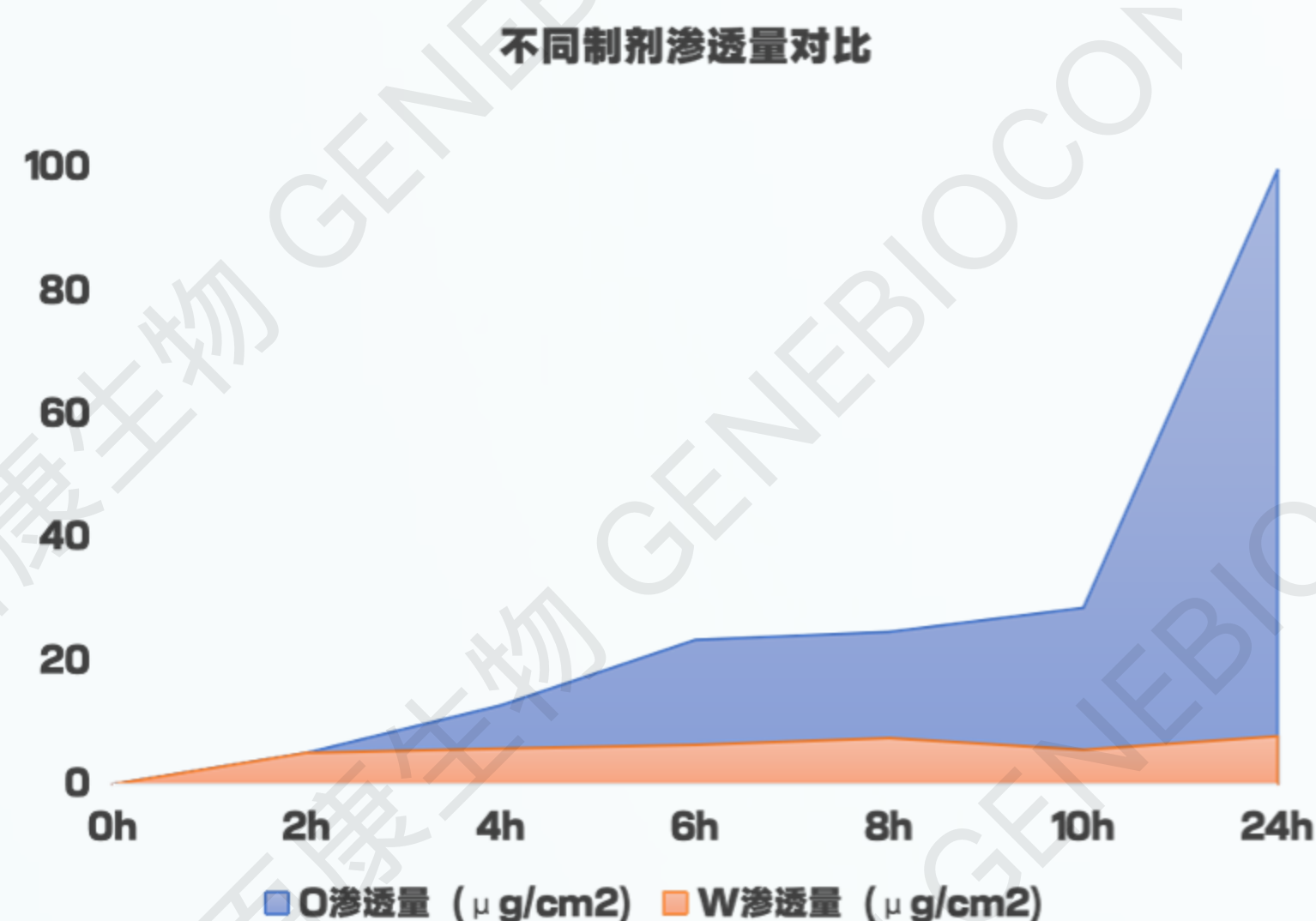
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# 测试数据 Test Data

## • 经皮渗透效率测试

Percutaneous penetration efficiency test



### 油溶型多肽剂型（以类蛇毒肽为例）皮肤渗透性具有显著优势

The oil-soluble polypeptide solvent taking Gebiotide®SYN as an example) has significant advantages in skin permeability

4h左右油溶剂型渗透效率约为水溶剂型**2倍**，10h左右约为**5倍**，24h时前者比后者渗透量高出**10倍**

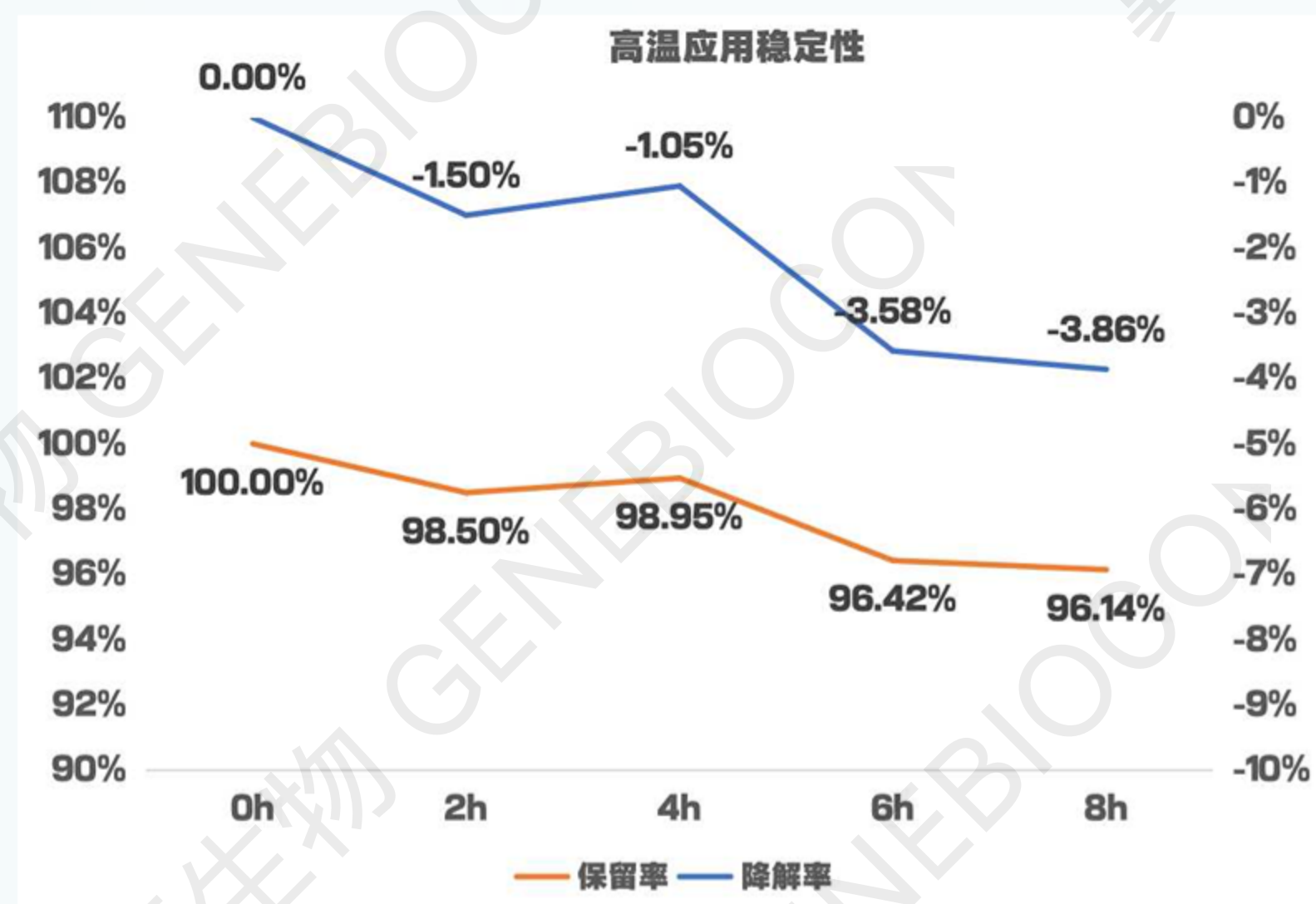
The permeation efficiency of oil-soluble solvent is twice that of water-soluble after 4 hours and it is 5 times after 10 hours. The permeability of the former is 10 times higher than that of the later at 24 hours.

\*数据来源：冀百康检第三方检测报告

\*The Data is from test report of GENE-BIONCON's third party

## • 高温肽含量稳定性测试

Test of stability of peptide content under high temperature



### 油溶多肽（以油溶棕榈酰四肽-7为例）可耐受高温90°C的特殊配制或灌装工艺条件

Oil-soluble polypeptide (taking oil-soluble palmitoyl tetrapeptide-7 as an example) can be specially formulated or in canning process at 90°C.

\*为保存多肽含量稳定性，建议在复杂的成品体系中，尽量降低加热温度和缩短加热时长。  
To promote the stability of polypeptide content, it is recommended to minimize the heating temperature and shorten the heating time in the complex finished product system.

\*数据来源：张永嵘. 源自化妆品的苏云金芽胞杆菌鉴定及其 SOD 抗紫外活性研究[D]. 福建农林大学, 2012.

\* Data source: Yongrong Zhang. Identification of Bacillus thuringiensis from cosmetics and Study on anti-ultraviolet activity of SOD [D]. Fujian Agriculture and Forestry University, 2012.

## 定制服务 CDMO, ODM

完善的客户定制服务体系，可针对客户在化妆品原料产品及配方定制方面提供服务

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