



### Anti-aging peptide and ascorbic acid derivative

产品名称	PROLIPHIL-C3
INCI name	3-Ascorbyl Carbonyl Dipeptide-17
韩文成分名称	3-아스코빌카보닐다이펩타이드-17
CAS	1570300-22-9
效果	<ol style="list-style-type: none"> <li>1. 增殖纤维芽细胞</li> <li>2. 促进胶原蛋白的生物合成</li> <li>3. 促进脯氨酸酶活性</li> <li>4. 抑制黑色素合成/美白皮肤</li> </ol>

### 透过皮肤肽-维生素c诱导体 PROLIPHIL-C<sub>3</sub>

PROLIPHIL-C<sub>3</sub>在美白皮肤及合成胶原蛋白功效的多功能性肽-维他命c诱导体。抗氧化及美白皮肤活性非常优秀,但是受光和热受影响而容易分解, 结合亲水性结构导致皮肤渗透困难的维生素c和皮肤穿透性肽, 克服维生素c的稳定性及皮肤透过的局限性的新材料。

在PROLIPHIL-C<sub>3</sub>的结构内, 稳定的维他命c均匀地渗透皮肤上, 从氧化性损伤, 保护皮肤, 抑制黑色素合成, 帮助改善皱纹及美白皮肤。

© *in vitro* tests

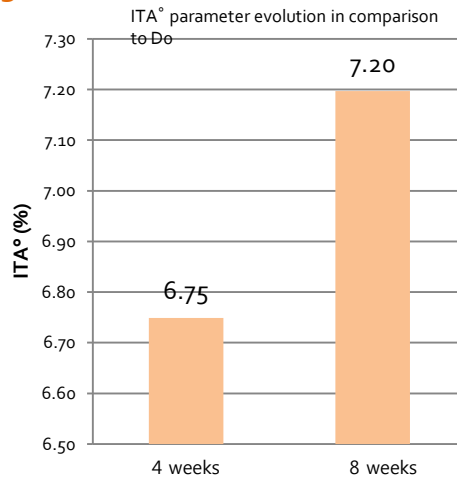
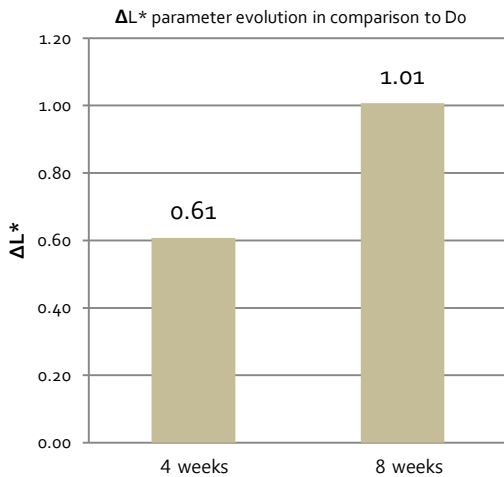
**EFFICACY TEST 1: Stability (Improvement the stability of ascorbic acid)**

**EFFICACY TEST 2 : Anti-ageing (Inhibition of MMP-1, degrading enzyme of collagen)**

**EFFICACY TEST 3: Whitening (Inhibition of melanin/tyrosinase activity)**

© Clinical test

**EFFICACY TEST 4: Clinical study (Whitening)**



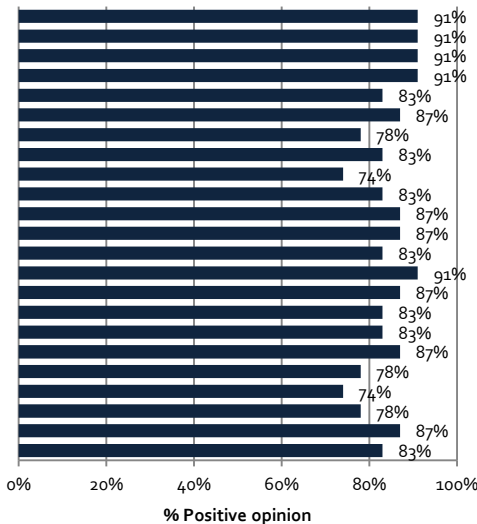
**Whitening Efficacy of PROLIPHIL-C3 on Asian Skin Type**

In a clinical study with 20 Asian healthy female volunteers (Bangkok), aged 44 to 61, 0.005 % formula containing PROLIPHIL-C3 had been applied twice daily during 8 weeks on the face area. Evaluation was performed by Chromametry (evaluation of whitening effect) and digital photography.

PROLIPHIL-C3 showed visible skin brightening effect even after 4 weeks *in vivo*.

**EFFICACY TEST 5: Clinical study (Self-assessment)**

- My skin is moisturized
- My skin is softer
- My skin is more supple
- My skin is smoother
- My skin restored its elasticity
- My skin is like lifted
- Wrinkles and fine lines on the face are less visible
- Wrinkles and fine lines on the crow's feet area are less visible
- Nasolabial fold is less visible
- Forehead wrinkles are less visible
- My skin is firm
- My skin seems younger and healthier
- My skin around the eye contour is smoother
- My skin is more even
- My facial pores are tightened
- My skin tone is more even
- My skin is brighter
- My eye circle (dark circle) is less visible
- My hyperpigmented spots are brighter
- My dark scars are faded/less visible
- Skin redness is less visible
- My skin is soothed and calm
- Overall, are you satisfied with the tested product?



**Self assessment**

Volunteers agree that PROLIPHIL-C3 makes improvement the skin