



VITA-HA400

Hyaluronate-Vitamin C derivative

产品名称	VITA-HA400
INCI name	Ascorbyl Propyl Hyaluronate
韩文成分名称	아스코빌프로필 하이알루로네이트
CAS	1800464-57-6
效果	<ol style="list-style-type: none"> 1. 保湿皮肤效果 2. 抑制黑色素合成/美白皮肤 3. 抗氧化效果 4. 抗炎症效果(抑制皮肤问题) 5. 促进胶原蛋白合成

透明质酸-维他命c诱导体VITA-HA₄₀₀

VITA-HA400是使透明质酸结合维生素c, 克服维生素c的不稳定性,改善皱纹,保湿、镇定皮肤,美白的原料. VITA-HA400内稳定化的维他命c是制造工程及保存时, 依光和热不会被破坏,其活性得以维持, 体内适用时, 表现有效的抗氧化,改善皱纹,美白活性. 另外, 天然保湿因子透明质酸的功绩的同时带来, 抗衰老,保湿效果优秀。

Evidence Report

© *in vitro* tests

EFFICACY TEST 1: Whitening (Inhibition of melanin)

EFFICACY TEST 2: Whitening (Inhibition of tyrosinase activity)

EFFICACY TEST 3: Anti-ageing (Collagen biosynthesis)

EFFICACY TEST 4: Anti-ageing (Dermal fibroblast proliferation)

EFFICACY TEST 5: Skin protection (Strengthen the skin structure & barrier)

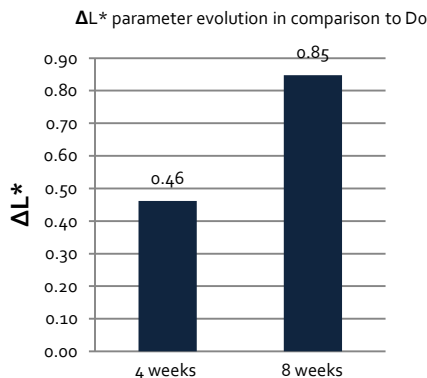
EFFICACY TEST 6: Anti-inflammation

EFFICACY TEST 7: Stability (Improvement the stability of ascorbic acid)

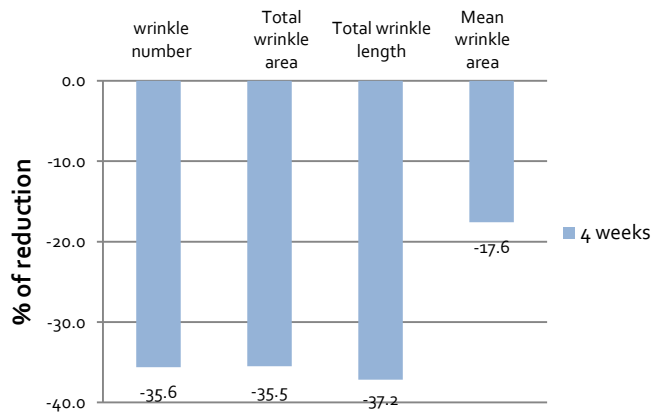
© Clinical test

EFFICACY TEST 8: Clinical study (Whitening)

EFFICACY TEST 9: Clinical study (Anti-wrinkle)



In a clinical study with 20 Asian healthy female volunteers (Bangkok), aged 44 to 61, 0.005 % formula containing VITA-HA₄₀₀ had been applied twice daily during 8 weeks on the face area.



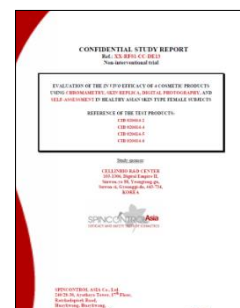
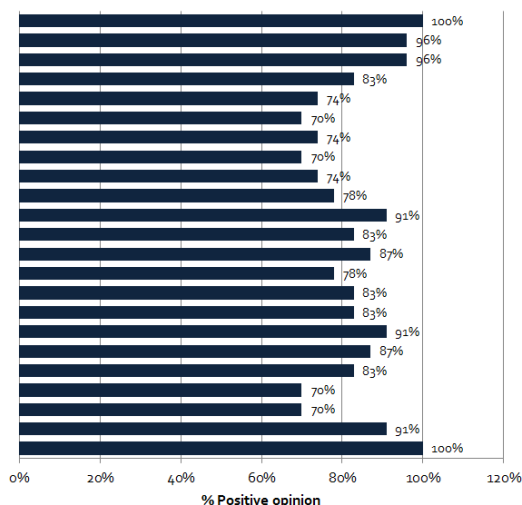
● ΔL* = Luminosity (Lightness)

L 0 is black, L 100 is white

● ITA° = Arc tan ((L*-50)/b*) 180°

EFFICACY TEST 10: 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 VITA-HA₄₀₀ makes improvement the skin