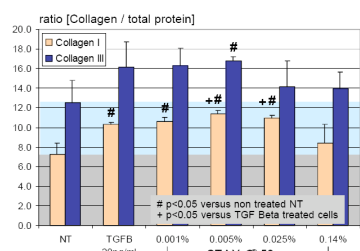


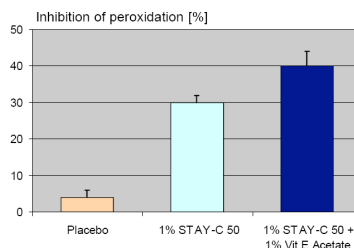
3% Vitamin C in the stabilized form

INCI : SODIUM ASCORBYL PHOSPHATE

- dramatically fights the ageing process and helps prevent the appearance of wrinkles thanks to its free-radical scavenging effect and through the stimulation of the synthesis of collagen, which improves the skin's elasticity and firmness
- helps attenuate dark spots
- reduces the appearance of



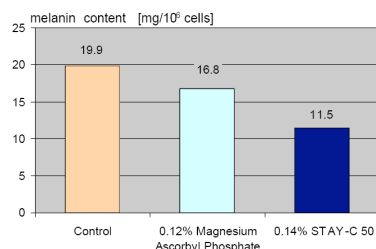
- human dermal fibroblasts
- 3 intra-assay replica
- 72h treatment
- positive control: TGFβ
- measurement of Collagen: Enzyme Linked Immuno-absorbent Assay ELISA
- measurement of total protein: Crystal Violet Dye Elution Method CVDE



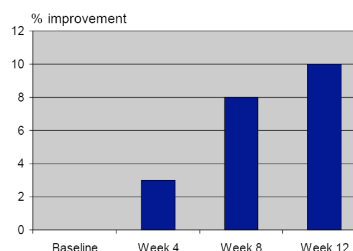
- 20 volunteers
- 2mg/cm² twice daily application 7 days prior UV-irradiation
- UV-A dose = 10 J/cm²
- Determination of squaleneperoxide by HPLC

STAY-C[®] 50 significantly stimulates Collagen production

STAY-C[®] 50 significantly reduces the UV induced formation of liperoxides in the skin



- 4 mM STAY-C[®] 50
- 4 mM MAP
- 7 days incubation
- 25 kJ/m² UV-A light twice a day over first 4 days
- melanin quantification by optical density measurements



- 39 female volunteers
- 3 month application
- 3% STAY-C 50
- photos taken before and after application period
- pixel measurement from digital photo

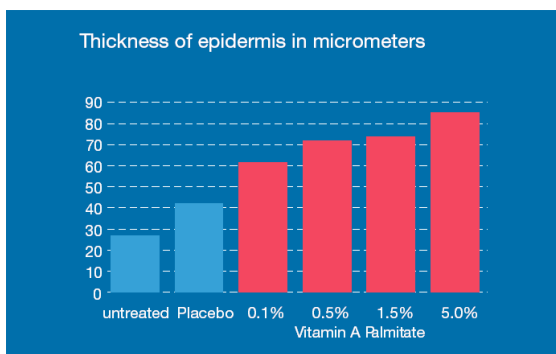
STAY-C[®] 50 strongly decreases UV-A induced melanin synthesis in human cells

STAY-C[®] 50 shows in clinical study skin whitening effect

0.28% Vitamin A

INCI : RETINYL PALMITATE

- helps improve texture, firmness and smoothness of the skin
- contributes to the prevention of desquamation and dry skin
- helps maintain healthy skin



Tab. 3: Action of Vitamin A Palmitate on the growth of the epidermis

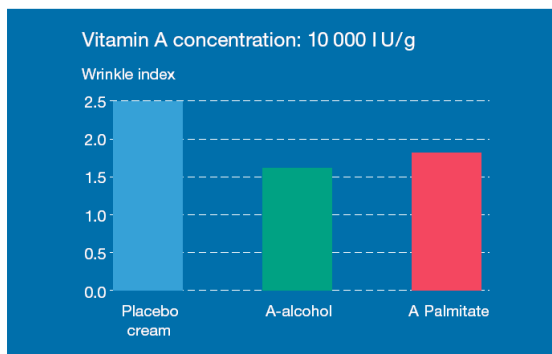


Fig. 1: Action of various Vitamin A forms on wrinkle formation

0.1% Pycnogenol

INCI : PINUS PINASTER BARK EXTRACT

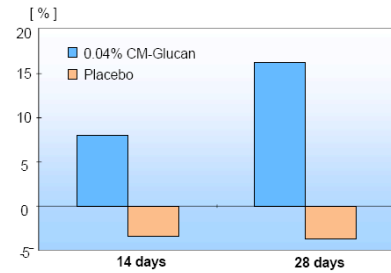
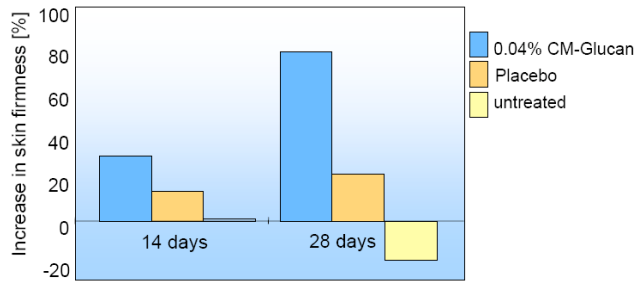
- extracted from the french maritime pine tree
- purported to be a powerful antioxidant and a blood-vessel and collagen strengthener
- particularly interesting for anti-ageing products

0.04% Sodium carboxymethyl betaglucan

INCI : SODIUM CARBOXYMETHYL BETAGLUCAN

- polysaccharide from baker's yeast
- protects against oxidative stress induced by UV rays
- enhances the skin's firmness, reduces the depth of wrinkles
- promotes cell renewal
- strengthens the skin's protective mechanisms and helps restoring the skins' functions

Reduction of wrinkles



Natural vitamin E (natural d-alpha-tocopherol)

INCI : TOCOPHEROL

- anti-oxidizing and moisturizing properties
- helps skin glow and tone of tissues
- plays an important role in the prevention of damages due to UVA and UVB radiation

White tea

INCI : CAMELIA SINENSIS LEAF EXTRACT

- recent research has shown that white tea has higher levels of antioxidants than green tea
- thus its protective effect on the skin as an antioxidant and free radical scavenger is particularly high

Shea butter

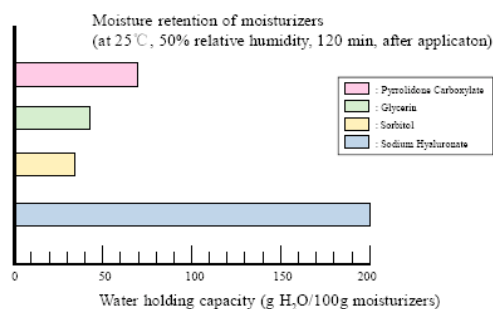
INCI : BUTYROSPERMUM PARKII (SHEA BUTTER)

- has cell regenerative virtues and thus efficiently delays skin ageing
- softening, moisturizing and restructuring
- organically grown

Sodium hyaluronate

INCI : SODIUM HYALURONATE

- strong moisturizing and film-forming properties
- hyaluronic acid film helps preserve the most important characteristics of youthful, healthy skin, such as suppleness, elasticity and tone



Caffeine

INCI : CAFFEINE

- helps detoxify the tissues, thus reducing local fat deposits and puffiness

Swiss glacier water

INCI : AQUA (WATER)

- from the glacier of the Diablerets in the Swiss Pre-Alps
- first frozen many thousands of years ago, it is therefore intrinsically pure