

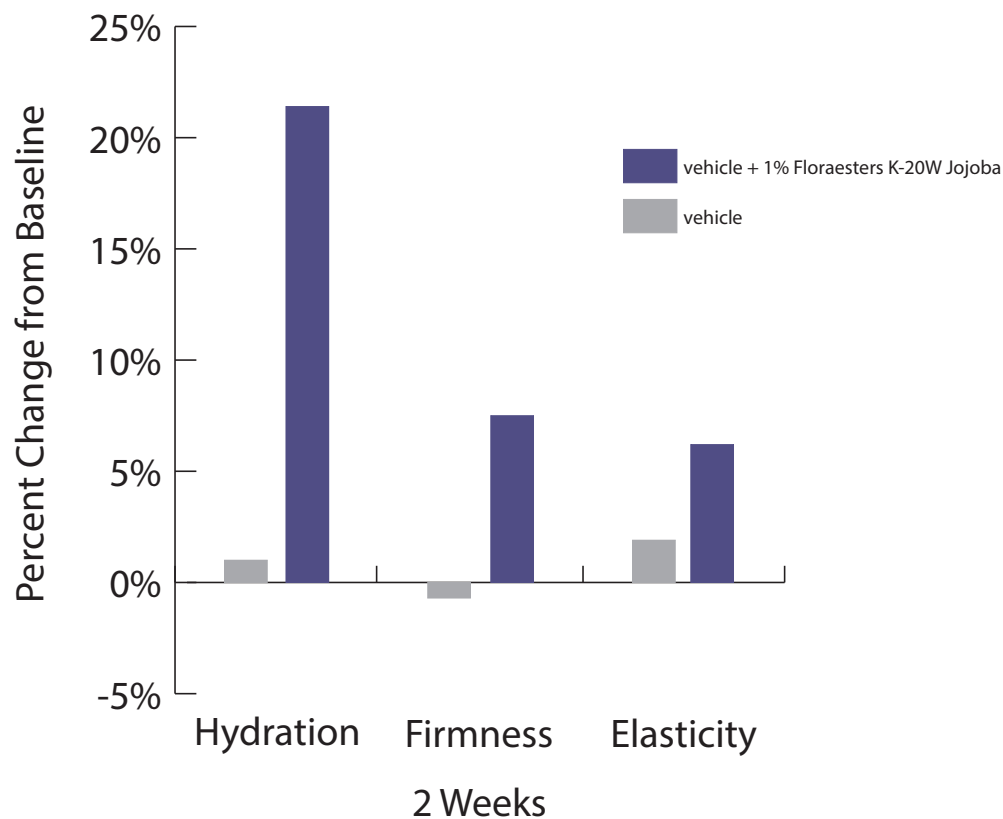


IMPROVED SKIN HYDRATION, FIRMNESS, AND ELASTICITY WITH FLORAESTERS K-20W[®] JOJOBA IN A FACE MASK

CS 14-059



Floraesters K-20W Jojoba in a Face Mask Improves Skin Hydration, Firmness, and Elasticity



Objective:

To evaluate Floraesters K-20W Jojoba for its potential to improve skin hydration and elasticity / firmness when included in a nonwoven face mask.

Method:

Skin hydration measurements (via Corneometer) and elasticity / firmness measurements (via Cutometer) were taken at baseline and after two weeks of once-daily (20 minute) at-home face mask use.

Results:

1% Floraesters K-20W Jojoba in a standard face mask solution increased skin hydration, firmness, and elasticity better than the face mask without ($p < 0.05$). Consumers preferred the face mask with Floraesters K-20W Jojoba 2:1 for both skin hydration and a soothing / calming effect on the skin compared to the face mask without.

Vehicle (%wt/wt): Water (q.s.), Butylene Glycol (4.0%), Glycerin (1.5%), Xanthan Gum (0.12%), Hydroxyethylcellulose (0.06%), Chlorphenesin (0.05%), PEG-4 Laurate (and) Iodopropynyl Butylcarbamate (0.037%), Sodium Hyaluronate (0.016%), and Methylisothiazolinone (0.005%).

**Florotech Ingredient:
Floraesters K-20W Jojoba**

The clinical study of Floratech[®] test formulation (CTL_13-051) was conducted on a panel of 16 healthy females ranging from 30 to 60 years (mean age = 46) of age with normal skin on the face. The data presented above was obtained from a crossover study where the subjects wore each mask daily for two weeks with a 3 day washout between masks. The Corneometer (hydration) and Cutometer (firmness) measurements were taken under controlled temperature and humidity conditions. This study was double-blind, crossover and randomized. Face masks were manufactured by Maxigen Biotech Inc. (New Taipei City, Taiwan). The Corneometer and Cutometer are products of Courage+Khazaka (Köln, Germany). (Clinical Study 13-051 report available upon request.)