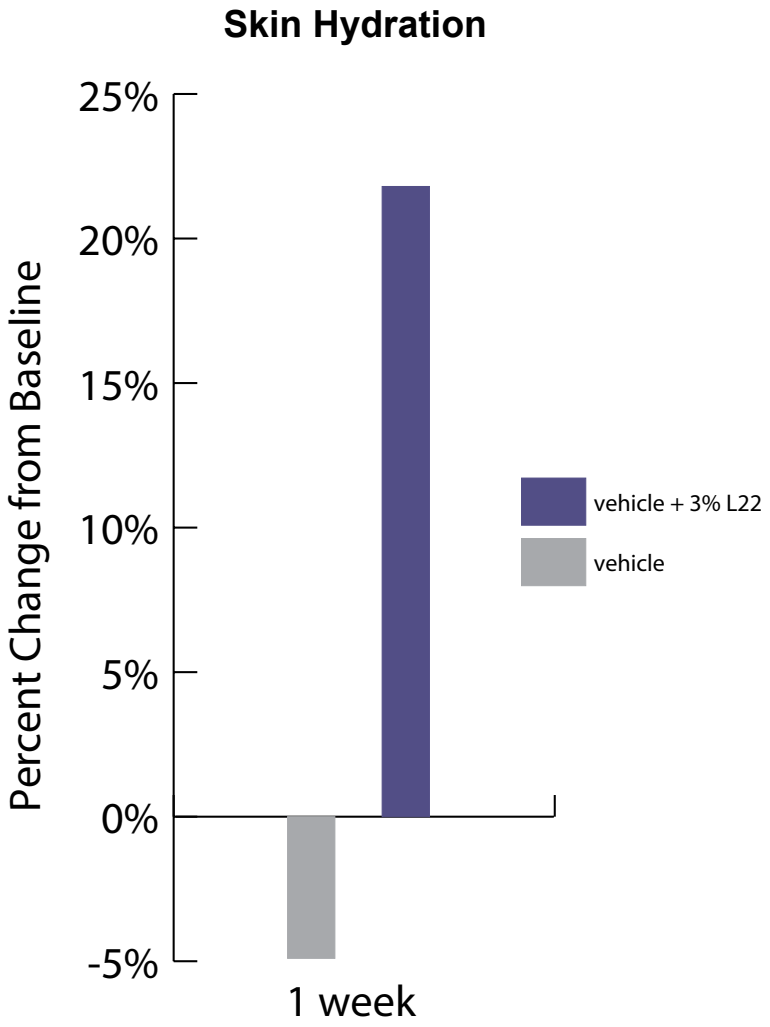
IMPROVED SKIN HYDRATION WITH L22® IN A LOTION

CS 13-054

Daily Use of L22 in a Lotion Increases Skin Hydration



L22 in a lotion increased skin hydration better than the vehicle lotion without L22.

The graph to the left shows the percent change in skin hydration from baseline after one week of twice-daily product use by men and women with both aged and sun-damaged skin. The test article containing 3% L22 produced statistically significantly ($p<0.001$) higher percent changes in skin hydration than the vehicle test article.

Skin hydration measurements (via Corneometer) were taken at baseline and after one week of twice-daily home application of the lotions (2.7 mg/cm^2) to demarcated test areas on dorsal (outer) forearms.

Vehicle (%wt/wt): Water (q.s.), Methylisothiazolinone (and) Caprylyl Glycol (0.90%), Ammonium Acryloyldimethyl Taurate (and) VP Copolymer (0.60%), Sorbitan (and) Sucrose Cocoate (0.50%), Hydroxyethylcellulose (0.30%), and Disodium EDTA (0.10%).

Floratech Ingredient: L22

The clinical study of Floratech® test formulation (CTL_13-050) was conducted on a panel of 13 men and women ranging from 60 to 80 years of age, with aged and sun-damaged skin on the forearms. The data presented above was taken before and after one week of twice-daily product use. The Corneometer (hydration) measurements were taken under controlled temperature and humidity conditions. This study was double-blind, vehicle-controlled and randomized. Corneometer CM 825 is a product of Courage+Khazaka (Koln, Germany). (Clinical Study 13-050 report available upon request.) The reference image seen above is for illustration only and was not taken during the actual study.

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