L22 in a lotion increased skin elasticity and firmness better than the vehicle lotion without L22.

The graph to the right shows the percent change in skin elasticity and firmness 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 elasticity and firmness than the vehicle test article.

Skin elasticity and firmness measurements (via Cutometer) were taken at baseline and after one week of twice-daily home application of the lotions (2.7 mg/cm²) to demarcated test areas on the dorsal (outer) forearms.

Floratech Ingredient: L²²

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%).

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 Cutometer (firmness and elasticity) measurements were taken under controlled temperature and humidity conditions. This study was double-blind, vehicle-controlled and randomized. The MPA Cutometer is a product of Courage+Kazaka (Koln, Germany). (Clinical Study 13-050 report available upon request.)