



# CELLUCAP<sup>TM</sup> LICORICE

Clinically proven brightening



Leader in Microencapsulation Technology

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# CELLUCAP™ LICORICE

Tagra's CelluCap™ Licorice converts potent Licorice Root Extract into a stable, non-agglomerating powder form. With renowned brightening and lightening benefits, CelluCap™ Licorice has been clinically tested to significantly improve skin uniformity. With a Natural Origin Index above 0.5, CelluCap™ Licorice is considered to be a powerhouse of naturally-derived skin brightening.

## TECHNICAL DATA

INCI	Encapsulated Material	Recommended Usage Level	Loading Capacity	Appearance
Glycyrrhiza Glabra (Licorice) Root Extract, Cellulose Acetate Butyrate, Tricaprylin, Benzotriazolyl Dodecyl p-Cresol, Pentaerythrityl Tetra-di-t-butyl Hydroxyhydrocinnamate	Licorice (glabridin)	1-5%	15%	Light yellow-brown powder

## CLINICAL RESULTS

In a third party clinical study, 19 subjects applied a formula with 5% CelluCap™ Licorice, twice daily for 56 days. A Bio Blue Light Scanner was used to evaluate the presence of dark spots, including total area of dark spots, total number of dark spots, the contrast between normal skin and dark spots, and lastly, skin uniformity.

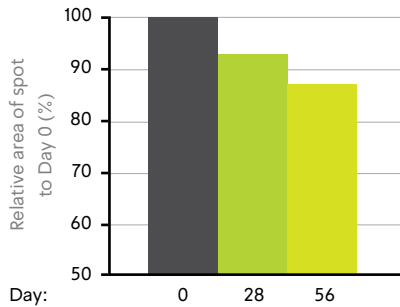
Results showed that within 28 days of treatment, CelluCap™ Licorice significantly reduced the total area of dark spots, and skin contrast by 6.2% and 13.7%, respectively. In the same way, the treatment significantly increased skin uniformity by 13.7%.

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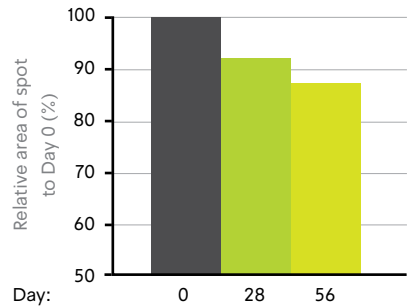
At the end of 56 days, CelluCap™ Licorice significantly displays whitening and anti-dark spots effects by reducing total area, total number and contrast of the dark spots up to 13%, 12% and 26%, respectively, after 2 months of application. The treatment significantly increases skin uniformity up to 26%.

The CelluCap™ Licorice formula was Dermatologically Tested and Tolerance Tested.

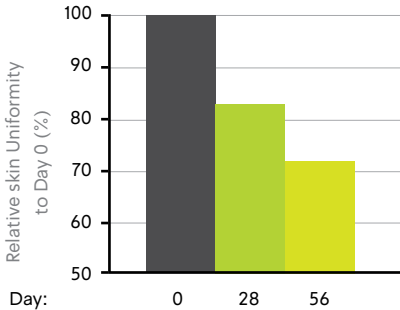
### DARK SPOTS AREA



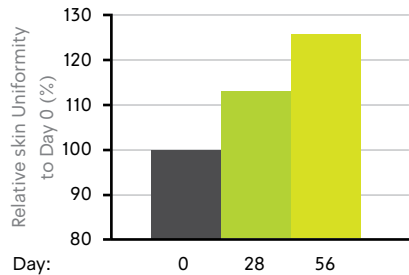
### DARK SPOTS NUMBER



### SKIN CONTRAST



### SKIN UNIFORMITY

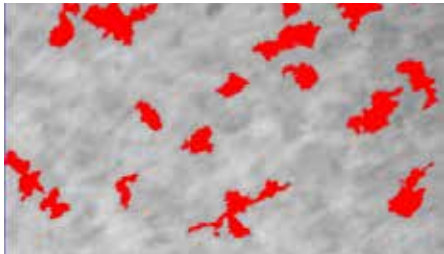


**Figure 1** CelluCap™ Licorice significantly improves the appearance of dark spots and skin uniformity (n=19).

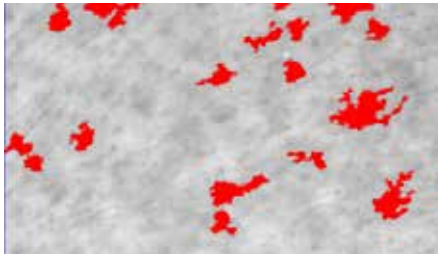
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# CELLUCAP™ LICORICE

DECREASE IN AREA, INTENSITY, AND FREQUENCY OF DARK SPOTS

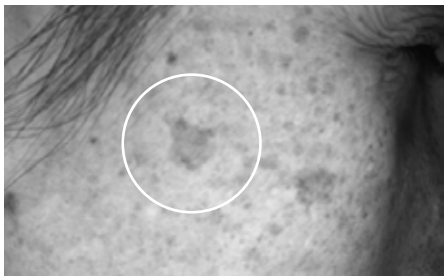


Zero Days

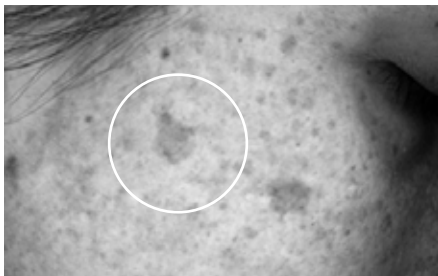


56 Days

## #19 – LARGE SPOT REDUCTION

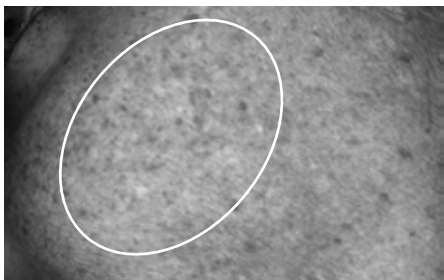


Zero Days

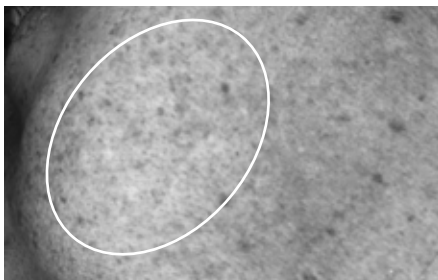


56 Days

## #20 – CHEEK TONE AND BRIGHTNESS, UNIFORMITY



Zero Days



56 Days

For more information and samples please contact: [info@tagra.com](mailto:info@tagra.com)