



G2LIGHT



old name; **G2White**
The green
whitener

Powerful flavonoids only
found in specific part of
licorice roots

Innovative 100% soft green
extraction process

Performing active to improve
skin global whitening effect

Improvement of brightness
and radiance

Multiple mechanisms of
action to fight age signs

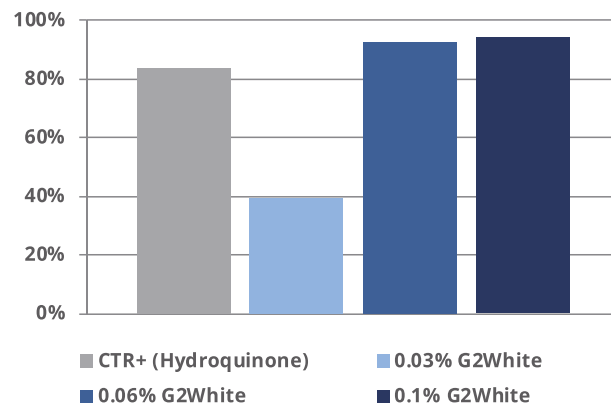
Available Saf-e-cacy® dossier
on safety & efficacy

www.roelmihpc.com

G2White or G2Light

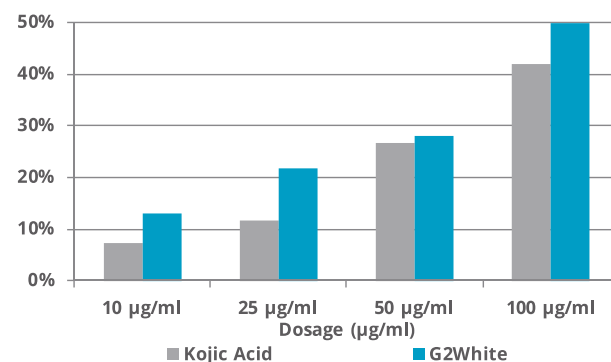
✓ In-vitro efficacy dossier: Melanin synthesis inhibition

- ✓ Evaluation of the whitening activity vs. Hydroquinone
- ✓ Compared to control+, G2White shows a significant modulating effect on melanin synthesis, reducing melanin content in melanocytes by **94%**.
- ✓ The effect is dose-dependent



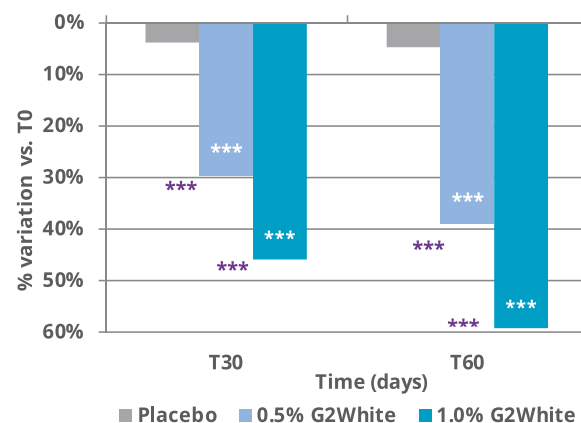
✓ In-vitro efficacy dossier: inhibitory effort on Melanin formation

- ✓ Evaluation of the whitening activity vs. Kojic Acid
- ✓ Compared to standard benchmark, G2White shows a significant inhibitory effect on melanin synthesis, reducing melanin content in the cells by **49.9%**.



✓ In-vivo efficacy dossier: reduction of dark spots staining

- ✓ Evaluation of the whitening activity
- ✓ After 30 and 60 days of use and compared to placebo, G2White determines a significant reduction of dark spots staining up to **-59.2%**.
- ✓ The effect is dose-dependent



Protocol: on 30 women, between 30 and 60 years old, after one daily cream application. The effect of G2White in decreasing the dark spot staining was evaluated by means of spectrophotometer / colorimeter CM-700D.

- ✓ **Description:** green extract of specific part of Licorice roots
- ✓ **Suggested dosage:** 0.5% and 1.0%
- ✓ **Typical applications:** whitening emulsions, brightening and radiant make up, anti-aging creams
- ✓ **In-vitro test:** whitening activity, TRP-2 inhibition
- ✓ **In-vivo test:** dark spots staining, skin radiance, skin redness
- ✓ **Dermatologist assessment:** appearance of dark spots, skin brightness
- ✓ **Efficacy control:** Melanin synthesis inhibition (at every batch)