



Plant C-Stem™ Bamboo

Hair Food

Plant C-Stem™ Bamboo is an active ingredient obtained from the vacuolar extract of meristematic cells of *Phyllostachys pubescens* to strengthen the hair and reduce its fall. *Phyllostachys pubescens* is the giant bamboo par excellence. In nature, it can reach 30 meters in height and 30 centimeters in diameter, with a daily growth of 1 meter. Bamboo is rich in silicon (Si), an essential component for hair health and beauty. Innovacos has harnessed the power of this plant to develop an ingredient with an essential role in the production of collagen, reduction of hair loss, and prevention of hair aging.

Efficacy

- Improvement in collagen synthesis
- Reduction in elastase activity
- Reduction in glycation
- Increase in HHFK (human hair follicle keratinocytes) and HFDPC (human hair follicle dermal papilla cells)
- Reduction in hair loss
- Increase in hair number

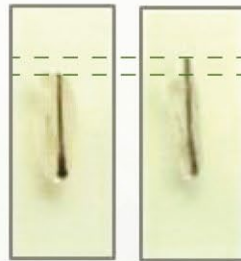
Technical information

- **INCI:** Glycerin, Water, *Phyllostachys Pubescens* Meristem Cell Lysate
- Water soluble
- Preservative-free
- Recommended concentration: 0.2-2%

Applications

- Reinforcing shampoo
- Energizing mask
- Anti-loss hair lotion
- Treatments for eyebrows and eyelashes

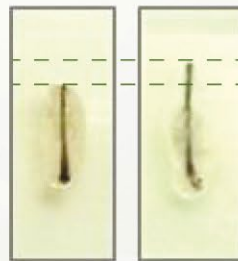
Plant C-Stem™ Bamboo
250 ppm



Day 0

Day 7

Plant C-Stem™ Bamboo
1000 ppm



Day 0

Day 7

Hair follicle pictures