



NATURAL SILICA (BAMBOO) EXTRACT



Bamboo

Bamboo is a name for over 1,400 species of giant grasses in 115 different genera. All bamboos have wood-like stems. Bamboo mainly grows in Africa, America and in Asia but can easily grow in Europe. The fastest growing perennial, evergreen bamboo plant is a member of the grass family Poaceae and constitutes a single subfamily Bambusoideae. Bamboo plants play a significant role in traditional Asian medicine, especially in China and Japan. Biomedical investigations on the health-benefiting effects as well as toxicity of different parts and species of bamboo have been carried out worldwide since the 1960s, and a wide range of protective effects of bamboo-derived products has been documented.



Unique Features

Bamboo extract contains various compounds like flavones, glycosides, phenolic acids, and amino acids which together provide antioxidant, skin-soothing, and astringent properties. Higher percentage of silica supports collagen production. The stems and leaves are used in the ayurvedic system of medicine as blood purifier, in leucoderma and inflammatory conditions.

An infusion of the leaves is used as an eye-wash. It is also given internally for bronchitis, gonorrhoea and fever. Vitamin E, Vitamin C and Silica are major active constituents in bamboo.

Specification

Common Name	: Bamboo
Botanical Name	: <i>Bambusa arundinaceu</i>
Plant Part Used	: Stem
Appearance	: White to light grey Colour
Identification	: Positive by TLC
Shelf Life	: 3 Year
Storage Condition	: Cool & Dark Dry Place

Available Grades

Sunpure Extracts Private Limited offers:

Bamboo Extract

- Total Natural Silica $\geq 70.00\%$
- Total Natural Silica $\geq 80.00\%$



Natrual Silica

- ❑ Silicon increases tissue levels of hydroxyproline, a key amino acid required for collagen and elastin synthesis.
- ❑ Silicon improves the firmness and strength of connective tissues and cartilage, along with skin, nails, and hair.
- ❑ Silica helps to regenerate the skin.
- ❑ Silica helps delay the aging process.
- ❑ Strengthens hair with luster and suppleness.
- ❑ Helps the hair grow stronger and faster.
- ❑ Regulates blood circulation and strengthens blood vessels crucial for spider veins.
- ❑ Natural anti-inflammatory, can help with eczema and psoriasis.
- ❑ Gives your skin a glow because it is a strong carrier of oxygen, and it increases the transport of both nutrients and oxygen to the skin.
- ❑ Within 12 weeks you should see significant results, such as a brighten complexion and firmer skin.
- ❑ Silica helps the body to achieve hormonal balance, which in turn helps reverse hair thinning and loss.
- ❑ Carries nutrients to the hair follicles ensuring they are supplied with all the vital minerals necessary for hair growth and vitality.
- ❑ Healing- As a part of collagen, silica can speed healing of burns, wounds and scar tissue.

Vitamin E and Vitamin C Effects

- ❑ It helps prevent signs of aging.
- ❑ It reduces sun damage
- ❑ It can help reduce the appearance of scars
- ❑ It may help moisturize skin
- ❑ Boosts Collagen Production
- ❑ Fights Free Radical Damage and Signs of Aging
- ❑ Brightens Dark Spots
- ❑ Skin Repair

References:

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3. <https://www.annmariegianni.com/silicon-vs-silicone/>
4. George Hruzamda , Amy Forman Taubmdb , Susannah L. Collier Mdc , Stephen Robert Mulholland Mdd, Skin Rejuvenation And Wrinkle Reduction Using A Fractional Radiofrequency System, March 2009,Volume 8,Issue3,Page No.259.
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