



Benefits:



Supports Strong, Healthy Hair, Skin and Nails

Improves joint and bone health

Powder form



Supports Healthy Hair

Helps in moisturizing skin and wrinkling

Liquid form

Applications:



Nutraceuticals

Cosmeceuticals

Powder form



Cosmeceuticals-Personal care, Skin care

Liquid form

GREEN COFFEE BEAN

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Scientific Name: Coffea

Kingdom: Plantae

Order: Gentianales

Genus: Coffea

Species: Coffea arabica

Family: Rubiaceae

Part of plant used: Leaf, Beans.

Synonyms: Arabica Green Coffee Beans, Green Coffee Beans, Green Coffee Bean Extract, Green Coffee Extract, Green Coffee Powder, Raw Coffee, Raw Coffee Extract, Robusta Green Coffee Beans.

Uses: Reduce Blood pressure, May help in chronic Diseases, Boost metabolism, Weight loss, Regulate Blood sugar, Slow down the Aging process, Fight against harmful free radicals, Natural Detox, Prevent cancer.

Phytochemicals: Polyphenols, Chlorogenic Acid.

LITERATURE AND PROPERTIES:**Green coffee extract**

Green coffee extract is an extract of unroasted, green coffee beans. It is used in the Swiss water process for decaffeinating coffee. It has also been used as a weight-loss supplement and as an ingredient in other weight-loss products, Green coffee extract can also be prepared as an infusion from green coffee beans.

Reduce Blood pressure:

Green coffee extract may positively affect blood vessels, which has significant implications for heart health. significantly reduced both systolic and diastolic blood pressure in people with hypertension. Green coffee bean extract may help people control their blood pressure.

Chronic Diseases:

The chlorogenic compound in green coffee is helpful not only in weight management but also in reducing potential risks of some chronic diseases such as heart disease, diabetes, etc.

Boost Metabolism:

The presence of chlorogenic acid help in improving the Basal Metabolic Rate (BMR) in your body. This reduces the release of glucose from the liver to the bloodstream; hence, the body starts burning fat to fulfill the need for glucose

Health Benefits of Green Coffee for Weight Loss:

The presence of chlorogenic acid in green coffee can help the body to burn glucose and fat, lower the absorption of carbs, prevent blood sugar spikes, and maintain lipid profile under control. Regular consumption of green coffee is beneficial in triggering metabolism, burning fat, and maintain a healthy weight.

Regulate Blood Sugar:

Green coffee extracts help lower inflammation and reduce fat accumulation, which further improves blood sugar levels. Thus, prevent you from type 2 diabetes.

Slow Down the Aging Process:

Green coffee is known to have antioxidant properties, which slow down your aging process. The presence of chlorogenic acid reduces the effect of sunburn, reduces skin roughness, and wrinkle formation.

Fight Against Harmful Free Radicals:

The presence of antioxidants helps to fight against damaging free radicals that can develop into serious diseases. So if you catch a cold or infection quite often, green coffee will be your savior. Moreover, you can get reasonable green coffee prices online on many platforms.

Natural Detox:

One of the significant green coffee health benefits is that it acts as a natural detox for your liver, as it cleanses toxins, excess fat, and bad cholesterol from your body.

Prevents Cancer:

Green coffee is a powerhouse of essential nutrients and antioxidants that helps combat free radicals damage in the body. 'Free radicals' are what seeks to increase the risk of cancer and other chronic diseases. Studies have also shown that chlorogenic acid present in green coffee beans can help prevent the formation of tumour cells and the risk of certain types of cancer.

Boost Mood:

These green coffee beans form a restorative and healthy beverage that is known to enhance psychomotor and cognitive performance. "One more positive in using green coffee extract is that it boosts memory and cognition so can be used in moderation with a balanced diet rich in micronutrients.

It Improves Your Skin:

Green coffee bean extract improves the quality of your skin by helping it remain hydrated. Chlorogenic acid not only keeps your skin's moisture from evaporating but also aids blood flow to the skin. This means that essential nutrients can reach your skin and provide the building blocks necessary for it to repair and remain smooth. Green coffee bean extract also enhances your skin's ability to protect itself from the harmful effects of UV rays.

We at Konark, provide

Dry, Liquid, Soft extract and also oil soluble extract of Green Coffee that can be used in formulating Ayurvedic, Nutraceutical and Cosmeceutical formulations.

- **Dry Extract – Chlorogenic Acid NLT 50% by HPLC.**

Veg collagen

Collagen is a vital structural protein that makes up our bodies' connective tissues, which is about a third of the protein in our bodies overall. As we age, our bodies produce less collagen. That slowdown leads to external symptoms like skin sagging and wrinkles, along with internal symptoms such as extended time for injuries to heal.

It's found in many parts of the body including hair, skin, nails, bones, cartilage, tendons, ligaments, blood vessels, and intestines. It makes your skin more elastic and bones stronger.

Plant based collagen promoters are typically composed primarily of vitamin C. That's because vitamin C is an antioxidant that human bodies utilize to create collagen.



Basically there are two types of Veg collagen

1. Glyc amino peptide (Powder Form)

- Collagen, animal and fish based protein, helps in joint & bone health and health of skin, nails and hair.
- Plant based glyc amino peptide is veg option to this non veg collagen as, it has similar functionality.
- Due to its lower molecular weight, it helps better absorption in body as well as good digestion and thus the faster results compared to non-veg source.
- Veg collagen exhibits superior antioxidant activity due to higher flavonoid and polyphenol content.
- The potential benefits of vegan collagen reduced chances of allergic reactions.

- Consuming food with natural antioxidants can amplify the production of natural collagen in your body as well.
- It is a protein that serves as one of the main building blocks for your bones, skin, hair, muscles, tendons, and ligaments.

2. Amino acid Peptide-CL (Liquid Form)

- Amino acid peptide-CL is a hydrolysate derived by means of an Enzymatic hydrolysis from Carrot.
- It is used instead of purified water and does not cause problems with most formulation.
- It is easily absorbed through the skin, and is effective in moisturizing and wrinkling.
- Among vegetable products, the smell are normal.
- It contains ingredients such as polyphenols and flavonoids derived from plants.
- It has antioxidant effects as well as anti-ageing.
- It is turned a low molecule by enzymatic process, so it is a quick absorption in the skin.