

ViaZen

ViaZen Liver-Detox Spec Sheet

FOR HEALTH PROFESSIONALS

Presentation

60 capsules

Anticipated results

- Hepato-regenerator
- Better bile production and secretion
- Improvement of liver detoxification process
- Anticancer protection

Who needs ViaZen Liver-Detox?

This product has been specially developed to optimize the liver detoxification process naturally and without side effects. It will be used in the presence of one or more clinical symptoms listed below in Table I.



Secondary anticipated results

- Better intestinal motility.
- Constipation relief.
- Normalization of hepatic enzymes.
- Normalization of blood cholesterol.
- Normalization of blood triglycerides.
- Reduction of oxidative stress.
- Slowing down of aging process.
- Disappearance of discomfort in liver area (cramping, heaviness, pain).
- Better glycemic balance.
- Improvement of renal function.
- Increase of vital energy.

Table 1: Clinical symptoms of menopause

- Bad breath
- Bitter and doughy mouth
- Blood glucose disorders
- Complexion blurred
- Constipation
- Dark circles under the eyes
- Feeling of heaviness after eating
- Headache and migraines
- Hepatic failure
- Hepatic steatosis
- Hypercholesterolemia
- Hypertriglyceridemia
- Joint pain (gout)
- Lack of appetite in the morning
- Nausea
- Nightly awakenings
- Skin problems (acne, eczema, dermatitis)
- Tiredness
- Trouble digesting fatty foods
- White and loaded tongue

Medicinal ingredients of ViaZen Liver-Detox

The ingredients' synergy of ViaZen Liver-Detox is the key of the effectiveness of this SUPERIOR FORMULA.

Active ingredients	Dosage (per capsule)	Daily dosage (for 2 capsules)
Milk Thistle seed (<i>Silybum marianum</i>) 30:1 extract, providing 120 mg de silymarin equivalent to 4500 mg of crude material per capsule	150 mg	300 mg
Artichoke leaf (<i>Cynaracardunculus</i>) 12:1 extract, providing 5 mg of cynarin equivalent to 1200 mg of crude material per capsule	100 mg	200 mg
DL-alpha-lipoic acid	100 mg	200 mg
Dandelion root (<i>Taraxacum officinale</i>) 10:1 extract equivalent à 750 mg of crude material per capsule	75 mg	150 mg
Choline (<i>bitartrate</i>)	20.66 mg	41.32 mg
Sprouted Broccoli (<i>Brassica oleracea italica</i>) Involved in the detoxification process	50 mg	100 mg
Elemental Zinc (<i>providing from zinc gluconate</i>)	7.2 mg	14.4 mg

Note: ViaZen Liver-Detox is free of wheat, soya, corn, yeast, peanuts, gluten, egg and dairy products. It does not contain preservatives, sweeteners, colouring agents, artificial flavours

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Non-medicinal ingredients

Microcrystalline cellulose, vegetable magnesium stearate, gelatin.

Recommended Use

ViaZen Liver-Detox will be taken as a cure to support liver function. The dosage is 2 capsules daily with food, for a minimum period three consecutive weeks. The benefits will start to be felt after a few days of use, but the optimal beneficial effects will appear after 3 consecutive weeks of use. Ensure a minimum of two hours between taking ViaZen Liver-Detox and taking drugs.

In order to effectively benefit from the product's benefits, it is important to drink a minimum of 1.5 liters of water per day.

Action mechanisms

ViaZen Liver-Detox is designed to allow an optimal liver detoxification process, by improving the physiological and metabolic activities of the liver cells. These functions are the centre part of the management mechanisms of the toxic components gravitating in the body, whether endogenous or exogenous. The complementary action of ViaZen Liver-Detox medicinal ingredients provides a large pool of active molecules that will relay to improve the efficiency of this product.

Milk thistle extract plays a crucial role in the therapeutic activity of ViaZen Liver-Detox. This medicinal plant has proven itself, since it is used with success for more than 2000 years, to treat liver and biliary pathologies. Silymarin, particularly concentrated in ripe seeds, is the substance active responsible for the benefits of the plant. It brings together a mixture of components the main one of which is silybin. Commission E and the World Organization for Health recognize the use of milk thistle extract, standardized to 70-80% of silymarin to treat liver poisoning, but also as a treatment complementary to hepatitis and cirrhosis of the liver. Silymarin works directly on hepatocytes, promoting their regeneration, reducing transaminase enzymes (AST and ALT) and increasing the antioxidant enzyme glutathione peroxidase (GPX). Furthermore, clinical trials in humans demonstrate that taking silymarin helps lower blood cholesterol (total cholesterol and LDL) and triglycerides. Systemically, it prevents the peroxidation of membrane lipids and thereby increases stability cell membranes. Finally, it has anti-carcinogenic properties and it has been shown to slow the growth of human cancer cells.

Dandelion root extract has been incorporated into the formula for its stimulating effect on hepatobiliary functions, but also for its benefits to the urinary system, which contribute to facilitating the excretion of detoxication metabolites via the bile and urine. Bitter principles of dandelion root and its sesquiterpene lactones are responsible for these health benefits. Furthermore, the presence of inulin promotes the growth of beneficial intestinal bacteria to maintain an optimal microbiota.

As for the extract of the **artichoke leaf**, its phenolic compounds (acid chlorogenic, narirutin, apigenin-7-rutinoside, cynarin) and its anthocyanins (cyanidine, peonidin, delphinidin), also participate in hepatobiliary regulation and urinary. This, by diuretic, choleric, cholesterol-lowering and serum lipid reducer. In addition, several in-vitro studies have shown that artichoke extract offer hepatoprotective properties against a variety of toxic components.

References

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The addition of **choline** complements the regulation of hepatocyte activity and the management of circulating lipid molecules. This nutrient called lipotropic agent, participates in the breakdown of lipids and promotes their exit from intestinal cells and hepatic. In addition, it prevents the accumulation of fatty deposits in the liver, arterial walls and other organs. The body can synthesize choline, but an additional contribution will have a protective effect, since a deficiency leads to liver damage. A study has shown that choline supplementation for 24 weeks, in patients receiving parenteral nutrition, eliminated fatty liver in all patients, in addition to reducing enzyme levels hepatic: AST, ALT, GGT and alkaline phosphatase.

To be fully effective, a detoxification cure must ensure a powerful antioxidant support. The incorporation of **alpha lipoic acid** (ALA), a sulfur acid present in all cells of the body, meets this criterion. The LAA is often called the universal antioxidant because it provides antioxidant protection in a wide variety of physiological conditions. ALA has the advantage of being soluble in water (water-soluble) and in fats (fat-soluble), which allows it to neutralize several types of free radicals. Since it is an essential cofactor for enzyme bioenergetics of mitochondria, it plays a key role in the production of cellular energy. Its antioxidant properties are varied: it regenerates endogenous antioxidants, it repairs oxidative damage, neutralizes reactive oxygen molecules. Also, it increases the production of glutathione and superoxide dismutase (SOD), two important cellular antioxidant enzymes. It contravenes the peroxidation of lipids in cell membranes and thus, increases oxidative tolerance of tissues. It also has the property of partially recycling other antioxidants, including vitamin E, vitamin C and glutathione, which increases their lifespan and their effectiveness. Finally, it has the ability to chelate toxic metals, such as arsenic, cadmium and mercury. In addition, several studies in humans show that ALA reduces the levels of blood lipids (total cholesterol, LDL and TG).

Zinc supports the antioxidant action of ALA. This trace element, whose content is only about 2 g in the body, is also present in all cells of the body, and it plays a very important role, since it is a cofactor for more than 100 different enzymes necessary to the metabolism regulation. More specifically, it is required for the maintenance of the integrity of cell membranes, and it allows the activation of SOD in the cytosol.

Broccoli sprouts enrich the formula by their content in indoles (indole-3-acetonitrile, indole-3-carbinol (13C) and 3,3'- diindolylmethane (DIM) and the isothiocyanates, which have anti-cancer properties. These bioactive molecules metabolize carcinogens in most polar molecules (water soluble) and make them easier to excrete without causing cellular damages.

Cautions

- Consult a health care practitioner if symptoms persist or worsen and prior to use if you are pregnant or breastfeeding.
- Consult a health care practitioner if you have gallstones, liver or gallbladder diseases.
- Consult a health care practitioner if you have an intestinal obstruction.
- Consult a health care practitioner if you have diabetes or if you are taking blood thinners.

Contraindications

- Do not use if you are allergic to the Asteraceae family plants.
- Do not use if you have a bile duct obstruction.
- Hypersensitivity, such as allergies, has been known to occur; in which case, stop the use.