

TURMERIC UBTAN-991

Turmeric ubtan-991 is warm, spicy, floral fragrance specially developed for soap.

This fragrance is beautiful combination of warm, fresh, spicy, floral, sweet, powdery, musky, woody note of turmeric, rose, jasmine, almond, sandalwood, musk, vanilla, cedar wood & patchouli.

The warm, spicy, floral aroma of this fragrance lingers on the skin also graceful powdery aroma of sandalwood and turmeric oil provides soothing, relaxing and warm effect.

Uses: - This fragrance uses for soap.

Recommended dose: - For soap is 1-1.2%



SANDAL ROSE HONEY-834

Sandal Rose Honey-834 is sweet, floral, woody fragrance specially developed for soap.

This fragrance is beautiful combination of floral, fresh, musky, woody, creamy powdery, sweet note. This fragrance is open up with fresh note of orange, lemon. Middle note are rose, jasmine, geranium, honey and base note are sandal wood, patchouli, vanilla & musk.

During use this fragrance lingers around you with fresh, floral, powdery scent.

Uses: - This fragrance uses for soap.

Recommended dose: - For soap is 1-1.2%



SILYMARIN EXTRACT

Volume No: M 138

Scientific Name: Silybum Marianum

Kingdom: Plantae

Order: Asterales

Genus: Silybum

Species: S. Marianum

Family: Asteraceae

Part of plant used: Herb

Synonyms: Silybum marianum, Silymarin, Marian thistle, Milk Thistle.

Uses: Healthy Cholesterol, Treatment of Chronic Liver, Liver Health, Digestive support, Menopause Management, Act as an antioxidant, May help ease inflammation and promote cell repair, liver cancer, Antioxidant & Anti – Inflammatory.

Phytochemicals: Silymarin is a polyphenolic flavonoid derived from milk thistle (Silybum marianum). It consists of three phytochemicals, silybin, silidianin, and silicristin.



LITERATURE AND PROPERTIES:

- ◉ Milk thistle is a common name for *Silybum marianum*, a flowering plant in the Asteraceae family. It also has many other common names, including Marian thistle, Mary thistle, Saint Mary's thistle and Scotch thistle.
- ◉ The primary active constituent in milk thistle is silymarin. Milk thistle is an herbal remedy derived from the milk thistle plant, also known as *Silybum marianum*. It is extracted from the milk thistle seeds and available as a standardized extract.
- ◉ Silymarin is a standardised extract from the seeds and fruits of the milk thistle *Silybum marianum* and contains, as its main constituents, the flavonolignans silybin, isosilybin, silydianin and silychristin.
- ◉ Milk thistle (*Silybum marianum*) known as 'doodh patra' in Hindi is a flowering herb that provides you with a host of therapeutic properties.
- ◉ Milk-Thistle Herb or *Silybum marianum* is herbal medicine which is useful in several disorders.
- ◉ Silymarin concentrates in kidney cells, where it aids in repairing and regeneration by increasing protein and nucleic acid synthesis.
- ◉ Milk thistle is commonly used in Traditional Chinese Medicine (TCM), primarily for the purpose of relieving toxic materials and clearing heat.
- ◉ Milk thistle extract is commonly taken to maintain liver functions.
- ◉ Additional uses of milk thistle extract include support for the digestive system, maintenance of healthy cholesterol levels and management of menopausal symptoms.
- ◉ Milk thistle has been used in traditional medicine since antiquity, primarily to treat liver dysfunction.
- ◉ The herb was also recommended to treat serpent bites and for carrying off bile. It's regularly used as a complementary therapy by people who have liver damage due to conditions like alcoholic liver disease, non-alcoholic fatty liver disease, hepatitis and even liver cancer.
- ◉ Milk thistle extract is commonly used as a complementary therapy for people with liver diseases.
- ◉ Milk thistle has been used as a traditional remedy for neurological conditions like Alzheimer's and Parkinson's disease for over two thousand years.
- ◉ Milk thistle may be a useful therapy for preventing or delaying bone loss in postmenopausal women.
- ◉ By lowering LDL "bad" cholesterol levels, milk thistle may lower the chance of developing heart disease.
- ◉ Studies in patients with liver disease have shown that silymarin increases Superoxide dismutase (SOD) activity of lymphocytes and erythrocytes, as well as the expression of SOD in lymphocytes.
- ◉ Silymarin concentrates in kidney cells, where it aids in repairing and regeneration by increasing protein and nucleic acid synthesis.
- ◉ Silymarin, an extract from the ripe seeds of *Silybum marianum*, possesses anti-inflammatory properties that could help resolve inflammation in chondrocytes.
- ◉ Silymarin has been reported to show antimicrobial effects against various pathogenic microorganisms.
- ◉ Silymarin's protective effect is due to the flavonoid complex silybin, which acts as a neutralizing harmful free radicals that result from normal metabolic processes and from the breakdown of toxic substances.
- ◉ It may also make chemotherapy work more effectively against certain cancers and, in some circumstances, even destroy cancer cells.
- ◉ **Dry Extract – 70-80% Silymarin by UV Method.**
 - **We at Konark, provide** ●
Dry Extract of Silymarin that can be useful in Formulating Ayurvedic and Nutraceutical formulation.

Resveratrol

- Resveratrol is a class of plant micronutrients called polyphenols. Polyphenols are organic chemicals that plants make to survive drought or attack from disease. These compounds are found in plant foods and have a variety of health benefits.
- Resveratrol is found in Peanuts, Berries, Red wine and Grapes in higher amounts.
- Resveratrol has antioxidant and anti-inflammatory properties to protect you against diseases like cancer, diabetes, and Alzheimer's disease.
- The anti-inflammatory effects of resveratrol make it a good remedy for arthritis, and skin inflammation.
- Also, resveratrol has antibacterial and antifungal properties that help treat infections of the urinary and digestive tracts.



BENEFITS



Resveratrol supplements lower blood pressure

- Resveratrol supplements may help lower blood pressure by increasing the production of nitric oxide.



It has a positive effect on blood fats

- Resveratrol seems to influence cholesterol levels by reducing the effect of an enzyme that controls cholesterol production.
- As an antioxidant, it also may decrease the oxidation of "bad" LDL cholesterol.



It protects the brain

- A potent antioxidant and anti-inflammatory compound, resveratrol shows promise in protecting brain cells from damage.



It increases insulin sensitivity

- It increases insulin sensitivity and prevents complications from diabetes. One explanation for how resveratrol works is that it may stop a certain enzyme from turning glucose into sorbitol, a sugar alcohol.
- When too much sorbitol builds up in people with diabetes, it can create cell-damaging oxidative stress. Here are a few more benefits resveratrol may have for people with diabetes:

• **Protects against oxidative stress**

• **Decreases inflammation**

- **Activates AMPK:** This is a protein that helps the body metabolize glucose. Activated AMPK keeps blood sugar levels low.



It eases joint pain

- Resveratrol helps relieve joint pain by preventing cartilage from breaking down.



Resveratrol suppresses cancer cells

- **It inhibits cancer cell growth:** It prevents cancer cells from replicating and spreading.
- **Resveratrol changes gene expression:** It can change the gene expression in cancer cells to inhibit their growth.
- **It has hormonal effects:** Resveratrol interferes with the way certain hormones are expressed, which keeps hormone-dependent cancers from spreading.

Applications:



Pharmaceuticals



Nutraceuticals

CORDYCEPS

Scientific Name: Cordyceps Militaris

Family: Cordycipitaceae

Kingdom: Fungus



LITERATURE AND PROPERTIES:

Cordyceps militaris is a species of fungus, it was originally described by Carl Linnaeus in 1753 as Clavaria militaris.

The mushroom has a long, finger-like body and is usually a brown or orangish-brown color.

It has been found at high altitudes and it is also known as “the scarlet caterpillar” due to its vibrant color and slender appearance.

It is a well-known edible medicinal mushroom in East Asia that contains abundant and diverse bioactive compounds.

It have beneficial properties such as anti-cancer, anti-inflammatory, anti-aging, antioxidant, anti-fungal, anti-diabetic and anti-asthmatic etc.

It might improve immunity by stimulating cells and specific chemicals in the immune system.

It can help to increase mental clarity, banish brain fog and improve productivity.

It provides rich moisture to the skin because of its anti-inflammatory property.

It also possesses antioxidants, which can help to fight free radicals known for their role in contributing to signs of aging.

It improved kidney function and control the blood levels of urinal protein and creatinine.

It increases the body production of the molecule adenosine triphosphate (ATP), which is essential for delivering energy to the muscles.

It can improve exercise performance and contributed to overall wellness in Athletes.

BENEFITS:



Treatment of people with chronic kidney disease (CKD)



It is used to treat coughs i.e. it helps to moisten the throat



It is used to reduce fatigue and cholesterol



It is used for improving athletic performance



It used to boost immune system



Lowers sugar level



Improves brain function

Applications:



Sports Industry



Nutraceutical Industry



Cosmetics



Food Industry