

Flowering Meadow

Flowering meadow is a floral, powdery fragrance specially developed for body wash, face wash and body mist.

This uplifting feminine fragrance is a beautiful combination of woody, fruity, green, aromatic, powdery, citrus, warm spicy earthy accord.

This composition is open with the black current, strawberry, green note and orange that followed by the powdery, spicy, floral note of Iris, Violet and pepper. The final notes are gentle with Earthy and woody note of cedar wood with transparent musky notes.

Top Note: - Black current, Strawberry, Orange, Green note

Middle Note: - Iris, Violet, Pepper

Base Note: - Earthy, Cedar wood, Musk

Recommended dose for face wash is 0.2-0.4%, for body wash is 0.4-0.7% and for body mist 2-4%.

Citrus Lavender (Essential oil blend)

Citrus Lavender is essential oil blend developed for skin care and aromatherapy product.

This floral, fresh, uplifting blend is a beautiful combination of tangerine and lavender essential oil. Along with a pleasant, fresh smell it also adds therapeutic value to the product. The lavender essential oil is known for its calming balancing property. It has antibacterial property, which help to kill acne causing bacteria. Sweet, citrus aroma of tangerine oil has uplifting and refreshing property. Tangerine is known for its **mood-enhancing effects and** also known for its cleansing and purifying properties.

This blend is recommending for face wash, body wash, cream, lotion and aromatherapy product.



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Herb Insight

MANJISTHA EXTRACT

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Scientific Name: Rubia Cordifolia

Kingdom: Plantae

Order: Gentianales

Genus: Rubia

Species: R.Cordifolia

Family: Rubiaceae

Part of plant used: Roots, stem, leaves

Synonyms: Rubia cordifolia, indian madder, manjishtha, samanga, manjeeth, manjitti, tamravalli, manjetti

Uses: Treats diarrhea, fights respiratory issues, aids in weight loss, prevents ulcers, promotes digestion, promotes cardiac functioning, augments skin health, prevents PCOD

Phytochemicals: This incredible herb shows the presence of bioactive constituents like manjistin, flavonoids, glycosides



LITERATURE AND PROPERTIES:

- Manjistha or Indian madder is considered as a magic herb for blood-purification. Its main purpose is to break down blockages in blood flow and remove stagnant blood.
- Manjistha controls the pitta composition, restores and maintains it. It is believed to keep a check on blood pressure levels and check irregular menstruation as well.
- Manjistha can be used to treat irregular menstruation. This herb can be used both internally and externally to bring luster to your skin and make it glow. Manjistha also helps removes pimples, freckles, other discolorations, and promotes the healing of skin tissues damaged by injury or infection.
- The bioactive components in the herb helps in healing mouth and gastric ulcers.
- Ayurveda acknowledges manjistha as a well-known one-step remedy for various skin conditions.
- Manjistha is a magical remedy for all sorts of hormonal problems. It plays a quintessential role in regulating periods, treating postnatal ailments, and even helps to treat excessive abdominal pain/bleeding.
- It act as a Powerful anti-inflammatory, anti-biotic, and anti-asthmatic properties, It is pivotal in treating the common cold, sore throat, cough and flu symptoms.

Treats Diarrhoea

Taking Manjistha helps to control diarrhea. This is because it improves digestive fire due to its Deepan (appetizer) Pachan (digestive) properties. Manjistha also controls bleeding because of its Kashaya (astringent) nature.

Fights Respiratory Issues

It also actively thins and loosens rheum particles within the chest and nasal cavities and hence eases breathing and helps the body to get rid of mucus. It is also beneficial for treating asthma and other bronchial conditions.

Aids In Weight Loss

The abundance of flavonoids and bioactive components in manjistha root helps the body shed excess weight faster. Enriched with fiber and essential nutrients, formulations containing the herb also reduces the accumulation of LDL (i.e. Low-Density Lipoproteins or bad cholesterol) in the body.

Prevents Ulcers

The anti-inflammatory and anti-ulcer properties of the bright-red Manjistha root holds high significance in treating different types of ulcers like ulcerative colitis, peptic ulcer, canker sores or mouth ulcers, etc.

Promotes Digestion

The antacid property of the herb prevents the formation of excessive acids in the stomach thereby treating indigestion, ulcer, gastritis and promoting better absorption of nutrients in the body.

Promotes Cardiac Functioning

The powerful cardio-tonic properties of Manjistha plays a quintessential role in treating a host of heart anomalies. It prevents lipid peroxidation and accumulation in the blood vessels which in turn reduces the risk of atherosclerosis, heart blocks, heart attacks, blood clots, etc.

Augments Skin Health

Sanctified with antioxidant, antimicrobial and anti-inflammatory properties, It not only helps in shielding the skin from oxidative radical damage due to the harmful UVA and UVB rays, but also reduces the risk of the various signs of aging like wrinkles, blemishes, spots, fine lines, and dark circles.

Prevents PCOD Symptoms

For women suffering from PCOD, intake of manjistha formulations actively helps in purifying the blood and restores uterus health leading to regular, healthy periods.

• We at Konark, provide •

Dry, liquid, soft extract and also oil soluble extract of Manjistha that can be used in formulating Ayurvedic, Nutraceutical and Cosmeceutical formulations.

**Oil soluble Extract | Soft Extract | Liquid Extract |
Dry Extract – Manjithin up to 4% by Gravimetric.**

L-Arginine



Scientific Name: 2-Amino-5-guanidinopentanoic acid

Formula: $C_6H_{14}N_4O_2$

Classification: Essential amino acid

Uses: Separates Heart Health, Reduce Blood Pressure, Lower Sugar Level, Support Athletic performance, Anti-aging, weight loss, Boosts immunity etc.

LITERATURE AND PROPERTIES:

- L-arginine is an amino acid that helps the body to make proteins.
- It can be obtained naturally in the diet such as dairy products, meat, poultry, fish, nuts and it is also made in a laboratory.
- It naturally stimulates the release of other enzymes and hormones in the body, such as insulin.
- It suppresses oxidative stress and induces an antioxidant response.
- It shows the effect of Anti-aging i.e. reduces the appearance of fine lines and wrinkles.
- It plays an important role in vision health due to its anti-inflammatory properties.
- It builds your immune system and increases the size of the thymus gland and manufacture body's T cells.
- It contributes to the production of Creatine in the body.
- It is the main agent responsible for restoration and maintenance of human growth hormones.
- L-arginine supplementation helps in improving microcirculations in smokers i.e. it improves arterial performance in healthy smokers.
- It is an excellent moisturizing agent, it supports the barrier function of the skin and increase the skin's visible hydration levels.
- It can improve the sport performance by enhancing protein synthesis and tissue repair.
- L-arginine is classified as a semi essential or conditionally essential amino acid, depending on the developmental stage and health status of the individual.
- L-arginine might lower blood pressure and decreases sugar level.
- L-arginine is converted in the body into a chemical called nitric oxide. Nitric oxide causes blood vessels to open wider for improved blood flow.

BENEFITS

Improves Heart Health

For people with high risk factors for coronary heart disease, L-arginine supplements can be an effective measure for preventing a heart attack or stroke.

Lowers Inflammation

L-arginine has been found to have substantial free radical scavenging abilities due to its effects on the enzyme called super-oxide dismutase (SOD) as well as other antioxidants mechanisms.

Helps Treat Erectile Dysfunction And Infertility

It contains amino acid for helping heal sexual problems in both sexes since it improves circulation to genital tissues.

Boost Exercise Performance

L-arginine is known to effectively improve blood flow, which mean it helps bring nutrients and oxygen to muscle and joint tissues.

Weight Loss

L-arginine can promote weight loss by burning excess fat and improving muscle mass. Study suggest that arginine reduces fat by increasing insulin activity, which manipulates hormones involved in fat metabolism.

Boosts Immune Function

L-arginine positively affects the central nervous and immune system function, nitric oxide acts as a neurotransmitter and protective agent against outside threats. It is helpful at detoxifying the body and lowering the presence of ammonia within the blood.

Anti-aging

L-arginine is fighting disease-causing inflammation and improving immune function. L-arginine has been found to have substantial free radical abilities. It is commonly combination with anti-oxidants like Vitamin C, helping slow the aging process & preventing many chronic diseases.

Applications:



Food & beverages.



Sport industry



Cosmetic & Skin care products



Agriculture/Animal Feed /Poultry products