

## Essential Oil: Editorial

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Herbal plant extracts are used in a variety of commercial sectors, including the pharmaceutical, food, and chemical industries, have received renewed attention in recent decades. Herbal essential oils have gained popularity in aromatherapy. It is a field of alternative medicine that asserts essential oils and other aromatic compounds have therapeutic effects for a range of skin ailments, tissue, and have no adverse effects like synthetic medications [1].

Valuable liquids are obtained by distilling or pressing the secretory organs. The content in essential oils of plants is often below 1%, rarely reaching 15% or even more, in the dry product of some plants [2]. Steam distillation is now the most prevalent method for extracting herbs essential oil. It is mostly used for temperature-sensitive compounds that are insoluble in water and may breakdown near their boiling point, such as oils, resins, and hydrocarbons.

Essential oils are aromatic substances present in the specialized cells of certain plants used by them to protect themselves from predators and pests, but also to attract pollinators. Essential oils are part of the immune system of the plant. It is acquired from the essence rich in natural flavors and active ingredients that it secretes the cells of specific parts of the plant.

Essential oil is a highly concentrated, hydrophobic (impervious to water), lipophilic (oil or fat soluble) liquid for plants that contains very unstable aroma compounds and carries the scent, flavor, or

essence of the plant. Ethereal oils, often known as volatile oils, are a broad category of oils. Essential oils can be found in many different areas of the plant [3]. Essential oils are volatile oils obtained from plants and named by the plant from which they are taken. Plants that are young produce more oil than those that are older. This is due to the oil's higher components continuing to evaporate.

Moreover, it's Volatile and Aromatic nature of essential oils make it unique. Essential oils are the volatile aromatic components of a broad range of indigenous and exotic plants that have been sold for ages around the world. True essential oils are secondary metabolites of plant products, and oils isolated from different portions of the plant may differ in some circumstances.

Aromatherapy is the therapeutic use of essential oils produced from plants. It enters the body through the olfactory system or the skin. Numerous studies have shown that olfactory stimulus affects psychological indicators such as blood pressure, electroderm, and mood, as well as skin temperature, skin blood flow, pulse rate, and brain activity. Clinical research, on the other hand, do not back up aromatherapy's therapeutic effects [4].

Aromatherapy applications play a multipurpose role in human daily life, with the ability to have a specific, significant impact on human wellbeing, interaction, and relationships. Highly aromatic essential oils have numerous benefits of their own, which can be obtained by simply inhaling them. This can be accomplished by

inhaling the aroma from the container or by diffusing it across the room. Diffusing essential oils might be the most effective air purification solution. It will clean the air by erasing metallic particles and toxins from the air, going to increase atmospheric oxygen, ozone, and negative ions in the house, inhibiting bacterial growth, destroying mold, cigarettes, and animals, and increasing atmospheric oxygen, ozone, and negative ions in the house, as well as increasing atmospheric oxygen, ozone, and negative ions in the house. It will release a fresh herbal aromatic perfume into the air [5].

Essential Oil have a wide range of clinical application. For skin therapy, essential oils are preferred. Essential oils are important because skin ailments are often the surface representation of a deeper condition, such as a buildup of toxins in the blood, hormone imbalance, or neurological and mental issues. The flexibility of essential oils is especially crucial in this market because they can be used to treat a wide range of skin diseases. They're useful because they can handle a wide range of problems. Essential oils are great for cosmetics and general skin care, as well as the treatment of specific ailments, because they are soluble in oil and alcohol and provide their aroma in water.

Essential oils are commonly used in antiseptics for cuts, insect bites, and spots. Thyme, sage, eucalyptus, tea tree, clove, lavender, and lemon are some of the herbs used. Eczema, infected sores, acne, and bruises can all benefit from anti-inflammatory oils. Lavender, yarrow, and chamomile (Yarrow, lavender, and German and Roman chamomile). Lavender, tea tree, myrrh, patchouli, and sweet orange can help with athlete's foot, candida, ringworm, and other fungal infections.

Burns, cuts, scars, and stretch marks can all benefit from granulation as a stimulating or curative (healing) agent. Lavender, chamomile, roses, neroli, frankincense, and geraniums are among the most popular scents. Excessive sweating and deodorants that clean wounds bergamot, lavender, thyme, juniper, cypress, lemongrass bergamot, lavender, thyme.

Perhaps the quality and quantity of essential oil may be affected by different factors. Extraction methods, agronomic location, species variety, harvesting season, maturity level, soil type, and temperature zone are just a few of the many elements that influence essential oil yield and quality.

To conclude, essential oils are aromatic substances that found in the immune system of the plant and it is very interesting natural product in their variety application. Herbal plant extracts are used in a variety of commercial sectors, including the pharmaceutical, food, and chemical industries, have received renewed attention in recent decades. Steam distillation has found be one of the best product quality, a small capital requirement for establishment, and low operational and quality control. The selected extraction parameters may include raw material particle size, raw material weight per batch and extraction time with constant temperature, pressure and steam supply.

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