

Floral Essential Oil

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An essential oil is a concentrated, hydrophobic liquid containing volatile aroma compounds from different part of plant viz., roots, flowers, leaves, seeds and bark.

Traditional Indian value

- The Vedas, the most sacred book of India mentions over 700 different herbs and aromatics which codify the uses of perfumes and aromatics for religious and therapeutic purpose
- India is the 3rd largest producer of natural essential oils next to USA and Brazil.

Uses

- Essential oils can be used in aromatherapy, a kind of complementary medicine that uses smell to improve your health or applied to the skin.
- Boost mood, improves sleep.
- Kills bacteria, fungus and virus.
- Reduce anxiety and pain
- Reduce inflammation
- Reduce nausea
- Relieve headaches.

Rose oil

- **Botanical Name:** *Rosa spp.*
- **Family:** Rosaceae
- **Extraction Method:** Solvent extraction
- **Concrete content:**
- *Rosa damascena*, 0.057-0.058 %
- *Rosa bourboniana* 0.040-0.042%
- **Colour:** Light greenish / colourless
- **Chemical component:**
- Phenyl ethyl alcohol, nerol, geraniol, citronellol, demascenone

Jasmine oil

- **Botanical Name:** *Jasminum spp.*
- **Family:** Oleaceae
- **Extraction Method:** Solvent extraction
- **Concrete content:**
- *Jasminum auriculatum* 0.28- 0.36%
- *Jasminum grandiflorum* 0.25 -0.32%
- *Jasminum sambac* 0.14- 0.19%
- **Colour:** Orange to Brown
- **Odour:** Character like fresh flower

- **Aroma:** Sweet, floral, warm and exotic
- **Chemical component:** Benzyl acetate, indole, cis-jasmone and methyl jasmonate

Tuberose essential oil

- **Botanical Name:** *Polianthes tuberosa*
- **Family:** Amaryllidaceae
- **Extraction Method:** Solvent extraction
- **Concrete content:** 0.08 -0.11%
- **Colour:** Brown
- **Odour:** Delightful, like living flower
- **Aroma:** Sweet, Floral, Rich, slightly spicy
- **Chemical component:**
- Methyl benzoate, Methyl anthranilate, benzyl alcohol, butyric acid, nerol, geraniol, eugenol, farnesol

Spider lily oil

- **Botanical Name:** *Hymenocallis littoralis* L.
- **Family:** Amaryllidaceae
- **Extraction Method:** Steam distillation
- **Chemical component:** Benzyl Alcohol, Beta Myrcene, 3-Carene or Camphene or ocimene, Beta Pinene, Camphene or Limonene, Trans- Citral or Cis-Citral, Linalool Acetate, Geranyl Formate, Iso caprolactone or Dihydro-3,5-Dimethyl-2-(3H)-Furanone

Marigold oil

- **Botanical Name:** *Tagetes spp.*
- **Family:** Asteraceae
- **Extraction Method:** Steam distillation
- **Concrete content:** 1.25%
- **Colour:** Yellowish amber
- **Aroma:** Powerful, bittersweet
- **Chemical component:**
- Limonene, Tagetone, Linalool and Ocimenone

Pot Marigold (Calendula) oil

- **Botanical Name:** *Calendula officinalis*
- **Family:** Asteraceae
- **Extraction Method:** Solvent extraction
- **Colour:** yellowish amber
- **Aroma:** Powerful, bittersweet
- **Chemical component:**
- Ester, Calendulin, triterpendiol ester, faradiol esters

Geranium oil

- **Botanical Name:** *Pelargonium graveolens*
- **Family:** Geraniaceae
- **Extraction Method:** Steam distillation
- **Colour:** Pale olive-green
- **Odour:** Sweet, floral and rosy smell with a mint green herbaceous
- **Chemical component:** Dimethyl sulphate, ethyl alcohol, diacetyl pinayl, linalool, terpeneol

Sage oil

- **Botanical Name:** *Salvia sclarea* L.
- **Family:** Lamiaceae
- **Extraction Method:** hydro distillation
- **Chemical component:** Linalool, linalyl acetate

Plumeria oil

- **Botanical Name:** *Plumeria acutifolia*
- **Family:** Apocynaceae
- **Extraction Method:** Steam distillation
- **Chemical component:** Limonene, Phynel acetaldehyde, α farnesene

Champaka oil

- **Botanical Name:** *Michelia champaca*
- **Family:** Magnoliaceae
- **Extraction Method:** Steam distillation
- **Concrete content:** 0.16-0.20 %
- **Chemical component:** Linalool, methyl eugenol, methyl ester

Lavender oil

- **Botanical Name:** *Lavandula angustifolia*
- **Family:** Lamiaceae
- **Extraction Method:** Steam distillation
- **Chemical component:** Linalool, linalyl acetate, ethylphenyl acetate

Chamomile oil

- **Botanical Name:** *Matriacaria chamomilla*
- **Family:** Asteraceae
- **Extraction Method:** Steam distillation
- **Chemical component:** pinene, camphene, b-pinene, sabinene, myrcene, γ - terpinene, caryophyllene, and propyl angelate and butyl angelate.