

HOLY BASIL EXTRACT



Sunpure Extracts Pvt Ltd is leader in Herbal Extract, engaged in offering finest assortments of botanicals to our valuable clients. We offer supreme quality of *O. sanctum* Extract, is the most selling ingredient of the company. Our herbal extracts are highly appreciated by formulators across the country for its purity, safe to use and economical price.

➤ **Ocimum Sanctum**

Ocimum sanctum L., known as 'Tulsi' in Hindi and 'Holy Basil' in English. Among the plants known for medicinal value, the plants of genus *Ocimum* belonging to family Labiatae are very important for their therapeutic potentials. *Ocimum sanctum* L. (Tulsi), *Ocimum gratissium* (Ram Tulsi), *Ocimum canum* (Dulal Tulsi), *Ocimum basilicum* (Ban Tulsi), *Ocimum kilimandscharicum*, *Ocimum americanum*, *Ocimum camphora* and *Ocimum micranthum* are examples of known important species of genus *Ocimum* which grow in different parts of the world and are known to have medicinal properties.

➤ **Active component**

Fresh leaves and stem of *Ocimum sanctum* extract yielded some phenolic compounds (antioxidants) such as cirsilineol, circimaritin, isothymusin, apigenin, oleanolic acid, ursolic acid, rosmarinic acid, eugenol, carvacrol, linalool, and β -caryophyllene (about 8%), and appreciable quantities of eugenol. The leaves of *Ocimum sanctum* contain 0.7% volatile oil comprising about 71% eugenol and 20% methyl eugenol. Tulsi essential oil consists mostly of eugenol (~70%) β -elemene (~11.0%), β -caryophyllene (~8%), and germacrene (~2%), with the balance being made up of various trace compounds, mostly terpenes.

➤ Traditional Importance

Tulsi "Queen of herbs" is described as sacred and medicinal plant in ancient literature. It is an important symbol of the Hindu religious tradition. The name Tulsi is derived from "Sanskrit", which means "matchless one". Tulsi is also known as "the elixir of life" since it promotes longevity. Different parts of the plant are used in Ayurveda and Siddha systems of medicine for prevention and cure of many illnesses and everyday ailments like common cold, headache, cough, influenza, earache, fever, colic pain, sore throat, bronchitis, asthma, hepatic diseases, malarial fever, as an antidote for snake bite and scorpion sting, flatulence, migraine head-aches, fatigue, skin diseases, wound, insomnia, arthritis, digestive disorders, night blindness and diarrhoea. The leaves are good for nerves and to sharpen memory. Chewing of tulsi leaves also cures ulcers and infections of mouth. A few leaves dropped in drinking water or food stuff can purify it and can kill germs in it. Holy Basil is so good for boosting up the immune system. It protects from nearly all sorts of infections from viruses, bacteria, fungi and protozoa. Recent studies show that it is also helpful in inhibiting the growth of HIV and carcinogenic cells.



➤ Curative Actions

- ❑ Anticancer
- ❑ Eye Disease
- ❑ Anti fertility
- ❑ Antidiabetic
- ❑ Antilipidemic
- ❑ Antibacterial
- ❑ Helps slow down the aging process
- ❑ Promotes healthy liver function
- ❑ Increase energy and stamina
- ❑ Lowers fevers
- ❑ Reduces stress
- ❑ Lower Cholesterol
- ❑ Reduces risk of stroke
- ❑ Boost immune system function
- ❑ Prevents radiation poisoning

➤ Specification

Common Name	Holy Basil
Botanical Name	Ocimum sanctum
Plant Part Used	Leaf
Appearance	Brown colour powder
Identification	Positive by TLC
Shelf Life	3 Years
Storage Condition	Cool & Dark Dry Place

➤ Available Grades

Sunpure Extracts Private Limited offers:

Holy Basil Extract

Ursolic acid: 2% - 2.5% by HPLC

Holy Basil Extract

Total Tannins: 5% - 10% by Gravimetric



References

1. Ghosh, G.R. Tulasi (N.O. Labiatae, Genus- Ocimum). *New Approaches to Medicine and Health (NAMAH)*. 1995;3: 23-29.
2. Buddhadev, S.G., Buddhadev, S.S., and Mehta, N.D. A Review Article on *Ocimum sanctum* Linn. *Punama V*. 2014; 2(2):1-6.
3. Prajapati N.D., Purohit S.S., Sharma A.K. and Kumar T.A. *Hand book of medicinal plant*. Agrobios, India, 2003; pp. 367.
4. Kumar PK, Kumar MR, Kavitha K, Singh J and Khan R. Pharmacological actions of *Ocimum sanctum*-review article. *Int J Adv Pharm Biol Chem*. 2012; 1: 406-414.
5. Patil R., Patil R., Ahirwar B., and Ahirwar D. Isolation and characterization of antidiabetic component (bioactivityguided fractionation) from *Ocimum sanctum* L.(Lamiaceae) aerial part. *Asian Pac J Trop Med*. 2011;4:278-282.
6. Batta, S.K, Santhakumari G. The antifertility effect of *Ocimum sanctum* and *Hibiscus Rosa Sinensis*. *Indian J Medical Research*, 1971;59:777- 781.
7. Vats V, Grover J.K. and Rathi S.S. Evaluation of antihyperglycemic and hypo-glycemic effect of *T. foenumgraecum*, *O. sanctum* and *P. marsupium* in normal and alloxanized diabetic rats. *Journal of Ethnopharmacology*: 2002;79: 95-100



Sunpure Extracts[®]
Pvt Ltd



Corporate Address:

Sunpure House,
L-99 A, Dilshad Garden, Delhi- 110095, INDIA



Tel: +91-11-22126629, +91-9205515570



Email: info@sunpure.co.in, sales@sunpure.co.in



Web: <https://www.sunpure.co.in>,
<http://www.indiantulsi.com>



Manufacturing Base:

E-25, Industrial Area, Sikandrabad,
U.P.-203205, INDIA