

# Hepatis Powder®



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Each 400 gm Contains

### Compositions

Vasa (Adhatoda vasica).....	148 gm
Tulsi (Ocimum santum).....	22 gm
Lavang.....	20 gm
Haridra (Curcuma Longal).....	20 gm
Bow rasa (Archetto (musica)).....	20 gm
Halite (Natrium).....	90 gm
Sodium bicarbonate (Natron).....	100 gm
Magnesium stearate (Dryer).....	q.s.

### Indications

Useful in all kinds of Hepatitis virus infections.

### Description

HEPATIS POWDER is a combination of herbs like the leaves of the vasa plant contain the alkaloid vasicine (C<sub>11</sub>H<sub>12</sub>N<sub>2</sub>O), which is responsible for the small but persistent bronchodilatation, and an essential oil which is chiefly responsible for the expectorant action. The leaves and roots contain other alkaloids, vasicinone, vasicinolone and vasicol, which may contribute to the bronchodilatory effect through anticholinergic action on the vagal innervation of the bronchii. The bronchodilation effect is considerably increased after atropine administration. Studies have also shown vasa to be effective in the treatment of amlapitta (dyspepsia) and pyorrhea . The in vitro growth of several strains of Mycoplasma tuberculosis was inhibited by the essential oil at concentrations in the range of 2-20 ug/ml. . There has also been a report of thrombopoetic (platelet-increasing) activity with vasicine.

Antimicrobial activity of the essential oil of Tulsi has been shown against M. tuberculosis and Staph aureus in vitro and other bacteria and fungi. Eugenol and methyleugenol showed a positive activity. Adaptogenic (antistress) activity has been found in mice and rats. The plant increased the physical endurance and prevented stress-induced ulcers. In general pharmacology the aqueous extract showed hypotensive activity and inhibited the smooth muscle contraction induced by acetylcholine, carbachol and histamine. It also potentiated the hexobarbitone sleeping time. Protective action against histamine-induced bronchospasm has been shown in animals.



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A tea prepared with the leaves of Tulsi is commonly used in cough, cold, mild indigestion, diminished appetite and malaise. The solid extract of Tulsi, in a dose of 500 mg x 3 for one week, significantly relieved the breathlessness in 20 patients with tropical eosinophilia. There was however no reduction in the eosinophil count in peripheral blood. It is commonly used with black pepper in bronchial asthma. An oil extracted from Tulsi is used as drops in ear infections. Fungal and bacterial infections of skin are treated with Tulsi juice. The seeds are used as a general tonic.

### Dosage

2 spoons at a time, 3 times a day or as directed by the Physician.

### Presentations

400 gm.

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