



MAINTAIN

Helps
**Maintain & Boost
 Your Immunity**



Fusion of
ESSENTIAL OILS





General information

RAYUDH **Maintain** is a very effective preventive care solution against viral infections. It helps (1) reinforce the immune system, (2) neutralize the acidity in the body, and (3) absorb free radicals. This trifecta helps the body improve and boost its immunity to fight viral infections.

Indication

Preventive health supplement.

Shown to facilitate the body's ability to

- ◆ Hinder viral entry and propagation.
- ◆ Generate a faster systemic reaction against infections.
- ◆ Cytoprotective properties to sequester the increased release of free-radicals.
- ◆ Shield the body from infections.
- ◆ Dampen the severity of infections.
- ◆ Found to be safe for morbid and co-morbid patients (incl. diabetics).

Recommended use

Adults: Oral administration – 10mL, three (3) times a day on an empty stomach or as recommended by a Physician.

Children: As recommended by a Physician.

Side effects

No known side effects.

Drug interactions

No known drug-to-drug interactions.



Composition

Tricin¹ (Sugarcane): Antiinflammatory activity via balancing multiple inflammatory signal cascade mechanisms.

Linalool² (Coriander, Thyme): Cytoprotective properties by dampening oxidative stress.

Ferulic acid³ (Corn): Antioxidant activity by enhancing scavenger enzyme activity and catalyzing free radical generation.

Boswellic acid⁴ (Frankincense): Immunomodulatory properties by managing neutrophil and leukocyte activities.

Limonene⁵ (Lemongrass, Spearmint, Frankincense, Lemon, Sweet Orange): Antiviral activity by inhibiting viral multiplication in early stages.

p-Cymene⁶ (Lemon, Coriander, Thyme): Antiviral properties by decreasing binding of viruses onto cells and production of viruses by cells.

References:

¹ Shalini, V., Jayalekshmi, A., & Helen, A. (2015). Mechanism of anti-inflammatory effect of tricrin, a flavonoid isolated from Njavara rice bran in LPS induced hPBMCs and carrageenan induced rats. *Molecular Immunology*, 66(2), 229-239.

² Chattopadhyay, D., & Naik, T. N. (2007). Antivirals of ethnomedicinal origin: structure-activity relationship and scope. *Mini reviews in medicinal chemistry*, 7(3), 275-301.

³ Zduńska, K., Dana, A., Kolodziejczak, A., & Rotsztein, H. (2018). Antioxidant properties of ferulic acid and its possible application. *Skin pharmacology and physiology*, 31(6), 332-336.

⁴ Iram, F., Khan, S. A., & Husain, A. (2017). Phytochemistry and potential therapeutic actions of Boswellic acids: A mini-review. *Asian Pacific journal of tropical biomedicine*, 7(6), 513-523.

⁵ Astani, A., & Schnitzler, P. (2014). Antiviral activity of monoterpenes beta-pinene and limonene against herpes simplex virus in vitro. *Iranian journal of microbiology*, 6(3), 149.

⁶ Kowalczyk, A., Przychodna, M., Sopata, S., Bodalska, A., & Fecka, I. (2020). Thymol and thyme essential oil—new insights into selected therapeutic applications. *Molecules*, 25(18), 4125.



PINAQ

(Formerly: Shukla Ashar Impex Pvt. Ltd.)

Pinaq Remedies (India) Pvt. Ltd.

Contact Information: **+91 90990 50510**

E-mail: **info@shuklaashar.com**

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