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What is GRAVx?

 $\mathsf{GRAVx}^\mathsf{TM}$ is an advanced antioxidant concentration of herbal and botanical extracts in NANx suspension. Among these ingredients is Graviola, which has been noted for its potent antimicrobial and antioxidant properties.

GRAVx contains:

(Essential Oils)

- Graviola
- Camu Camu
- Bloodroot
- Omega Complex (derived from Ahiflower)
- Astragalus
- Sangre de Drago
- Kakadu

NANx

(Complex Emulsifying Essential Oil)

- Coconut
- Oregano
- Cinnamon
- Neem
- Mint Cedar
- Lemongrass
- Clove

Citronella

Kelp

Chrysanthemum

Garlic extract.



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Benefits of GRAVx

May support or enhance immune function

Graviola has been traditionally used to treat infections caused by bacteria and parasites, along with herpes and respiratory ills. Graviola leaves are also found to activate the innate immune system by activating MAP kinase pathways, namely through inducing macrophage activation and production of cytokines. This has several benefits for enhancing immune function. Leaves may also be effective against cystitis, diabetes, headache, insomnia, and inflammation.

Astragalus has been shown to promote B-cell proliferation and antibody production, and may <u>activate the immune response</u> in macrophages.

Sangre de Drago has immunomodulatory activity and has been shown to offer benefits for the treatment of blood stasis, inflammation, oxidative stress, and immune suppression.

May harbor cytotoxicity and protective effects

Some studies into the potential anticancer properties of Graviola have suggested it may induce apoptosis and necrosis, and inhibit proliferation on a variety of cancer cell lines, including breast cancer, prostate cancer, and several others. The major bioactive components extracted from various parts of Graviola include annonaceous acetogenins (AGEs) which may induce some cytotoxicity by inhibiting cellular respiration in the mitochondria, which is involved in oxidative phosphorylation and ATP synthesis. As cancer cells have a higher demand for ATP than other cells, mitochondrial complex I inhibitors may have potential as an alternative cancer therapy.

NOTE: Although numerous studies have supported most of the traditionally acclaimed benefits of Graviola, these are <u>yet to be</u> validated in human clinical trials.

May boost antioxidant capacity

Antioxidants may help reduce free radical-induced tissue damage by preventing the formation of radicals and/or scavenging them.

Camu camu was reported to have the <u>highest antioxidant capacity</u> among the Brazilian fruits. It also has the highest vitamin C and total phenolic content and the highest DPPH scavenging activity.

Graviola has also been shown to harbor cytoprotective capacity against hydrogen peroxide-induced stress and can <u>prevent</u> damage caused by cellular oxidants.

Kakadu plum has been found to harbor six times the total phenolic compounds of blueberry.

May harbor anti-inflammatory benefits

Camu camu harbors potent anti-inflammatory properties and has been shown to reduce edema in mice.

Ahiflower oil is a vegan oil rich in high stearidonic acid (SDA) content, and has been suggested to be effective in boosting fatty acid levels in tissues. Omega-3 fatty acids help to reduce chronic inflammation that contributes to many chronic diseases.

Studies in mice suggest that Graviola may provide an analgesic effect through interacting with peripheral mechanisms and the opioid system, whereas its anti-inflammatory properties involve inhibition of COX activity and nitric oxide generation.



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Dosage and how to take

Adults: Two capsules daily or as directed by a healthcare professional.

Safety and side effects

Safety & Side Effects

GravX has an excellent safety rating, with no reported interactions from the supplement.

GravX is not intended to replace any medication or procedures used to treat cancer, viral infections, or illnesses. Do not discontinue treatment or cancer medications without a doctor's permission.

Women who are pregnant, nursing, or any person who is immune-compromised should consult their physician before using this product. Certain medications may interact with individual ingredients – talk to your doctor if you take any medications.

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- Information and statements contained have not been confirmed by additional studies.