Comprehensive support of immune and digestive functions

X Microbe Plus contains a combination of herbal extracts with a long history of use for supporting the immune and digestive functions as well as the elimination of unwanted microorganisms while helping to maintain proper immune system and G.I. tract functions.\*

The gut microbiome — or the community of beneficial bacteria, fungi, yeast, and other microbes that live in our gut — plays an essential role in health, as it affects metabolism, nutrient absorption, and immune function. The gut microbes ferment foods, help prevent the growth of harmful bacteria, work to manufacture hormones and neurotransmitters, and produce certain vitamins.

Aging, exposure to antibiotics, poor diet, and stress may potentially disrupt the microbial balance in the gut. A healthy and balanced gut ecosystem is important for the proper functioning of the gut microbiome in the GI system. The ingredients in **X Microbe Plus** work synergistically to help support a normal balance in the gut microbiome.\*

**Suggested Use:** As a dietary supplement, take 2 tablets in AM on an empty stomach and 2 tablets in the PM on an empty stomach. Take recommended amount for 2-3 months, or as directed by your healthcare practitioner.

**Supplement Facts:** 

Serving Size 2 Tablets

Servings Per Container 60



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Artemisinin (Artemisia annua; Sweet Wormwood): Artemisinin is derived from the inner bark of the Artemisia annua tree. Its common name was dubbed "wormwood," owing to its noted ability to kill parasitic worms. This compound has long been used as an antimalarial and is effective against other parasites that induce GI symptoms, as well as against various pathogenic bacteria and fungi, and a range of viruses including human cytomegalovirus, Epstein-Barr, herpes simplex type 1, and hepatitis B and C.

**Black Walnut Extract (Juglans nigra):** This ingredient has a long history of use as an intestinal antiparasitic (vermifuge, anthelmintic) in botanical medicine. It also possesses activity against common bacterial and fungal pathogens that occur in GI dysbiosis. At least six distinct bioactive compounds with antibacterial effects have been identified in black walnut, some of which are also antiviral, antifungal, and antiparasitic/antiprotozoal. Black walnut extract also has potent anti-inflammatory effects and was shown to inhibit the secretion of several inflammatory cytokines in cultured human promonocytes.

**Olive (Olea europaea) Leaf Extract:** yielding oleuropein, supports antioxidant and immune system functions within the body. Olive Leaf Extract has been used traditionally to help the body eliminate unwanted microorganisms.

**Pau D'Arco**: supports the healthy functioning of the digestive, respiratory, immune, and circulatory systems. They help support detoxification within the body and help decrease the levels of unwanted microorganisms within the body. They also support healthy cell functions and help regulate internal processes within normal ranges.



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**Grapefruit Seed Extract:** assists the body in maintaining healthy bacteria in the G.I. tract while helping to expel unwanted microorganisms like bacteria, protozoa, viruses, and fungi.

**Black Cumin (Nigella sativa) Seed and Garlic extract (odorless):** help support a healthy circulatory, G.I. tract, respiratory, immune, and detoxification processes within the body and help eliminate pathogens and parasites from the digestive tract.





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### **Supplement Facts**

Serving Size 2 Tablets Servings Per Container 60

Amount Per Serving	% Daily Value	
Black Walnut ( <i>Juglans nigra</i> ) Green Hull 400 mg		*
Wormwood (Artemesia annua)		100
(stem & leaf powder) 200 mg		*
Grapefruit (Citrus paradisi) Seed Extract 200 mg		*
Olive (Olea europaea) Leaf Extract 200 mg		*
yielding oleuropein 30 mg		
Pau D'Arco ( <i>Tabebuia impetiginosa</i> )		
Bark Powder 200 mg		*
Black Cumin ( <i>Nigella sativa</i> ) Seed 200 mg		*
Garlic (Allium sativum) (odorless) Bulb Extract 200 mg		*
*Daily value not established		

Other ingredients: microcrystalline cellulose, stearic acid, croscarmellose sodium, vegetable stearate, silicon dioxide, pharmaceutical glaze (coating).



Bioone s c l e N c e s T

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