

Biocidin[®] Liquid

BROAD-SPECTRUM LIQUID FORMULA

SUPPORTS MICROBIAL BALANCE* | DISRUPTS BIOFILMS*

AVAILABLE IN 1 FL OZ (30 mL) LIQUID

When dealing with gastrointestinal and systemic imbalances, Biocidin[®] isn't your only choice, but it might be the best one. Why is that?

Because wherever dysbiosis plays a role, Biocidin[®] cuts through the complexity. Clearing away irritants, unwanted microbes, and biofilms.* Offering powerful, effective, proven support – for over 30 years.

This unique microbial-balancing formulation is our signature Biocidin Botanical[®] Blend. Made with 99% organic ingredients, it combines 18 botanical extracts and essential oils. The result? One of the most effective natural formulations ever tested by Great Smokies Diagnostic Laboratories (now Genova Diagnostics). And it continues to be substantiated by clinical trials, case studies, and ongoing research.

Biocidin[®] targets the entire GI tract and more. It helps to maintain the delicate balance of microorganisms in the microbiome.* Its far-reaching effects include support for biofilm cleansing, immunomodulation, healthy digestion and elimination, and detoxification support.* And not only does it work in the gut, it reaches the entire body for a myriad of applications.

To address the needs of every patient, Biocidin[®] is available in three formulations depending on your therapeutic target – original liquid, convenient capsules, and the liposomal formulation for advanced absorption.

REMOVE

Remove. Clear away obstacles. Entrenched biofilms and unwanted organisms can create an obstacle that requires outside assistance. The vital first step is to clear away irritants, unwanted microbes, and biofilms – allowing the body's innate restorative ability to go to work.



Benefits

- Supports gut health by addressing unwanted organisms*
- Dismantles biofilms*
- Selectively enhances beneficial organisms*
- Immunomodulatory activity*
- May improve regularity and reduce bloating and gas*
- Helps improve vitality and mental clarity*
- Supports healthy mobility and body comfort*

Features

- 99% organic ingredients
- Laboratory-tested and clinically researched
- The go-to broad-spectrum formula for integrative and functional medicine practitioners for over 30 years
- Pleasant taste appeals to children and adults

Clinical Focus: Who's It For?

- Those looking to support a healthy gastrointestinal tract*
- Anyone seeking to balance immune function*
- As part of the Bioclear[™] Microbiome Detox Program, for those seeking an annual or semi-annual cleanse/microbial reset*
- Individuals addressing heartburn, gas, bloating, constipation, or diarrhea*
- Those addressing brain fog, fatigue, and sugar cravings*



**Biocidin
Botanicals[®]**

*These statements have not been evaluated by the Food and Drug Administration. These products are not intended to diagnose, treat, cure or prevent any disease.

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WHY BIOCIDIN[®] LIQUID? FOCUSED ON THE GUT, STARTING IN THE MOUTH.

- Preferred delivery system for GI health
- Provides a slow and even distribution along the entire GI tract, including mouth and esophagus
- Liquid drops make titration easy and allow for customized application
- Great for all ages, including children

Suggested Use

Begin with 1 drop and gradually increase up to 5 drops 3 times per day or as directed by your healthcare professional. Children may use 1 drop per 10 lbs of body weight per day, divided into 2 doses. **Store in a cool, dry place.**

Warning: Not recommended for use during pregnancy. Consult your physician before using any supplement, especially if you are nursing, have a medical condition, or are taking medication. Discontinue use should adverse reactions occur. Keep out of reach of children.

Concurrent use of G.I. Detox[™]+ and Proflora[™] 4R is often recommended.

Supplement Facts

Serving Size: 1 drop
Servings Per Container: 680

AMOUNT PER SERVING

Proprietary Herbal Blend: 30 mg[†]

Vegetable glycerin[‡], Bilberry fruit extract, Grape seed extract, Shiitake mushroom extract[‡], Goldenseal root[‡], Noni fruit extract[‡], Garlic bulb[‡], White willow bark, Milk thistle seed[‡], Echinacea purpurea herb extract, Echinacea angustifolia root[‡], Raspberry fruit[‡], Black walnut hull, Black walnut leaf, Lavender oil[‡], Oregano oil[‡], Galbanum oil, Tea Tree oil[‡], Fumitory aerial parts extract, Gentian lutea root[‡]

Other Ingredients: Ethanol (sourced from sugar cane)

Contains walnut. This product is made without dairy, gluten, soy, corn, animal products, artificial coloring or flavoring.

[†]Daily value not established.

[‡]Organic



Ingredient Mechanisms of Action

Scientific literature shows that the individual botanicals in Biocidin[®] have multiple activities. Below are highlights that may account for the outcomes seen in a clinical setting.

Supports Microbial Balance – Almost all of the botanicals in Biocidin[®] impact unwanted microorganisms in the microbiome, while also selectively enhancing beneficial microorganisms. Black Walnut, Garlic, Goldenseal, Lavender, and Oregano are well-documented in this category. However, Fumitory, Noni, and Bilberry also play an important role in broad-spectrum activity.

Biofilm Disruptor – The botanicals in Biocidin[®] work in five different ways to inhibit biofilms:

- **Inhibition of Quorum Sensing** (intercellular communication initiating the production of a biofilm) – Bilberry, Garlic, Goldenseal, Oregano
- **Inhibition of Initial Attachment Phase** – Bilberry, Grape seed, Lavender, Oregano, Tea Tree
- **Inhibition of Swarming Motility** (the movement of a microorganism via flagella) – Bilberry, Grape Seed
- **Disruption of the Microbial Lipid Bi-layer** (disabling cellular activity) – Black Walnut, Garlic, Goldenseal, Raspberry
- **Efflux Pump Inhibition** (a mechanism for resistance, and biofilm production) - Black walnut, Bilberry, Echinacea, Garlic, Gentian, Goldenseal, Grape seed, Lavender, Oregano, Shiitake, Tea tree

Immunomodulatory – Immunomodulation provides the benefit of simultaneously supporting healthy immune activity against unwanted organisms, while downregulating damaging inflammatory pathways. Several botanicals in Biocidin[®] – Echinacea, Noni, and Shiitake – achieve this with a range of activities, including enhancing humoral immunity (T cells and B cells), acting on the innate immune response (macrophages, natural killer cells), and beneficially modifying cytokine release.

Supports Healthy Inflammatory Response – Biocidin[®] assists normalized inflammation in several ways.

- Research shows that 13 of the 18 botanicals in Biocidin[®] support a healthy inflammatory response. Of note, Galbanum is a unique resinous ingredient mentioned in Hippocrates' most ancient herbal texts and has similar activity to Frankincense. Noni is prized in Polynesian cultures for its remarkable ability to assist immune balance.
- **Addressing Dysbiosis** – Dysbiosis causes the production of mediators such as lipopolysaccharides (LPS), activating TLR4 receptors and the detrimental downstream cascade, affecting the whole body.

Antioxidant – Most of the ingredients in Biocidin[®] have antioxidant activity, which helps protect the body by neutralizing free radicals. Of note are Bilberry, Grape seed, and Noni extracts with their high levels of oligomeric proanthocyanidin complexes (OPCs), known to support cellular health and tissue repair.