

Berbemycin



Clinical Applications

- Supports Healthy Microbial Activity in the GI Tract*
- Supports Healthy Immune Function*
- Promotes GI Mucous Membrane Health*
- Stimulates Circulation*

*Berbemycin features a concentrated 4:1 extract of Oregon grape root, which supplies berberine—a plant alkaloid that influences the activities of microorganisms in the gastrointestinal tract, supports immune function, and may influence cytokine balance. The 4:1 extracts of bayberry bark and grapefruit seed complement the actions of berberine to support healthy microbial activity, stimulate circulation, and promote mucous membrane health. Zinc is included in this formula for its immune-supportive effects.**

All The 3rd Opinion Inc Formulas Meet or Exceed cGMP Quality Standards

Distributed by:
The 3rd Opinion Inc. Chattanooga, OK 73528
P.O. Box 10 1-800-431-7902

Discussion

Many plants have been used throughout history for their ability to influence microbial activity and support healthy immune function. Potency is an important aspect in achieving the benefits imparted by an herbal supplement. The herbs in Berbemycin are concentrated to a 4:1 end ratio. This means that the equivalent raw herb conversion is 4 kg raw herb to 1 kg of extracted material. All actives are provided in easy-dissolving vegetarian capsules.*

Berberis aquifolium (Oregon grape) Berberine is a plant alkaloid derived from a variety of herbs, including Oregon grape root. This phytochemical constituent has a long history of use in Chinese and Ayurvedic medicine owing to its effectiveness and safety. Berberine extracts have demonstrated significant ability to influence the activity of a variety of organisms that affect human health.^[1-3] Mechanisms of action may include effects on organism adhesion and intracellular invasion, metabolic activity, maturation, and enterotoxin formation.^[1,4] Berberine can also address the intestinal secretion of water and electrolytes induced by certain organism toxins, thereby supporting healthy stool formation.^[1] Furthermore, it may reduce smooth muscle contraction and intestinal motility, and delay intestinal transit time. Both in vitro and animal research suggest that berberine can affect COX-2 protein.*^[1]

Myrica cerifera (bayberry) The root bark and berry of bayberry have been traditionally used as an astringent and circulatory stimulant. Like the berry, the root bark contains tannin constituents that are responsible for its astringent action.^[5,6] Astringent herbs are traditionally used to maintain the already normal release or secretion of perspiration, stool, essence (the body's reproductive and regenerative substance), and urine. As a circulatory stimulant, bayberry helps to increase body energy levels and supports toxin elimination. Myricitin, a flavonoid isolated from bayberry, exhibits antioxidant activity, particularly in the colon.*^[7]

Citrus x paradisi (grapefruit) The seed extract of grapefruit, commonly known as GSE, is widely used as an oral supplement to maintain healthy gut ecology. GSE is employed by the food processing and agricultural industries for a diversity of applications. It is important to note that GSE contains a variety of phenolic substances with antioxidant activity including vitamin C, hesperidin, limonoids, tocopherols, serols, citric acid, and other trace minerals.*^[8,9]

Zinc The supportive effects of zinc on immunity and microbial balance are well documented.^[10,11] Zinc ions are thought to work directly in the GI tract, affecting microbial activity therein. Immune cells, due to their high rate of proliferation and differentiation, need a constant and sufficient supply of zinc. Although further study is needed, zinc supplementation also shows promise in its ability to support healthy stool formation. In this formula, zinc is provided as Albion® TRAACS® zinc glycinate chelate for optimal absorption and utilization.*

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



Supplement Facts

Serving Size: 1 Capsule
Servings Per Container: 120

	Amount Per Serving	%Daily Value
Zinc (as TRAACS® zinc bisglycinate chelate)	5 mg	45%
Oregon Grape 4:1 Extract (<i>Berberis aquifolium Pursh</i>)(roots)	200 mg	**
Bayberry 4:1 Extract (<i>Myrica cerifera</i>)(bark)	200 mg	**
Grapefruit 4:1 Extract (<i>Citrus × paradisi</i>)(seed)	50 mg	**

** Daily Value not established.

Other Ingredients: HPMC (capsule), stearic acid, magnesium stearate, silica, and medium-chain triglyceride oil.

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Directions

Take one capsule daily, or as directed by your healthcare practitioner. Do not use if tamper seal is damaged.

Does Not Contain

Wheat, gluten, yeast, soy, animal or dairy products, fish, shellfish, peanuts, tree nuts, egg, ingredients derived from genetically modified organisms (GMOs), artificial colors, artificial sweeteners, or artificial preservatives.

References

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Cautions

Do not use if you are pregnant or lactating.

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