

Dr. Fuhrman®

PRODUCT FACTS

GASTRO BIOTECH™

Stress, dietary factors, and an imbalance of microorganisms in the gut can cause occasional gastrointestinal discomfort.

GASTRO BIOTECH™

For a healthy stomach lining

Gastro Biotect™ contains a blend of vitamin C, zinc-L-carnosine, and plant extracts to maintain a healthy stomach lining and ease occasional abdominal discomfort. Stress, dietary factors, and an imbalance of microorganisms in the gut can cause occasional gastrointestinal discomfort. The ingredients in Gastro Biotect™ support a healthy gastric mucosa and may be helpful for occasional heartburn, bloating, or upset stomach.

- **Zinc-L-carnosine**, a compound made up of the mineral zinc and amino acid carnosine, has antioxidant and anti-inflammatory effects in laboratory studies.¹
- **Mastic gum (*Pistacia lentiscus*)** is a resinous substance derived from a Mediterranean shrub whose stems, leaves, and fruit contain antioxidant, antiinflammatory, and antimicrobial phytochemicals.²
- **GutGard®** is a flavonoid-rich extract of licorice root (*deglycyrrhizinated licorice; Glycyrrhiza glabra*).³
- **Methylmethionine sulfonium chloride**, a derivative of the amino acid methionine, is found in cabbage and other cruciferous vegetables.



Research suggests zinc-L-carnosine has protective effects on the gut mucosal lining and promotes microbial balance.¹ Studies on mastic gum, licorice root extract, and methylmethionine sulfonium chloride suggest they promote gastric microbial balance.⁴⁻⁶ Laboratory studies on methylmethionine sulfonium chloride suggest it promotes gastric mucosal cell function.^{7,8}

GASTRO BIOTECH™

Product Features

- Contains zinc carnosine and botanical extracts
- Supports a healthy stomach lining and microbial balance
- Vegan
- Free of gluten, dairy, and soy
- Non-GMO

Caution: If you are pregnant, nursing, or on medication, consult with your healthcare practitioner.



Mastic gum (*Pistacia lentiscus*) is a resinous substance derived from a Mediterranean shrub whose stems, leaves, and fruit contain antioxidant, anti-inflammatory, and antimicrobial phytochemicals.

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2. Milia E, Bullitta SM, Mastandrea G, et al. Leaves and Fruits Preparations of *Pistacia lentiscus* L.: A Review on the Ethnopharmacological Uses and Implications in Inflammation and Infection. *Antibiotics (Basel)* 2021, 10.
3. Puram S, Suh HC, Kim SU, et al. Effect of GutGard in the Management of *Helicobacter pylori*: A Randomized Double Blind Placebo Controlled Study. *Evid Based Complement Alternat Med* 2013, 2013:263805.
4. Huwez FU, Thirlwell D, Cockayne A, Ala'Aldeen DA. Mastic gum kills *Helicobacter pylori*. *N Engl J Med* 1998, 339:1946.
5. Ullah H, Di Minno A, Santarcangelo C, et al. Vegetable Extracts and Nutrients Useful in the Recovery from *Helicobacter pylori* Infection: A Systematic Review on Clinical Trials. *Molecules* 2021, 26.
6. Cheney G. Vitamin U therapy of peptic ulcer. *Calif Med* 1952, 77:248-252.
7. Watanabe T, Ohara S, Miyazawa S, et al. Augmentative effects of L-cysteine and methylmethionine sulfonium chloride on mucin secretion in rabbit gastric mucous cells. *J Gastroenterol Hepatol* 2000, 15:45-52.
8. Ichikawa T, Ito Y, Saegusa Y, et al. Effects of combination treatment with famotidine and methylmethionine sulfonium chloride on the mucus barrier of rat gastric mucosa. *J Gastroenterol Hepatol* 2009, 24:488-492.

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Supplement Facts

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Serving Size 4 capsules

Servings Per Container 15

Amount Per Serving	% Daily Value	
Vitamin C (as Ascorbic Acid)	500 mg	556%
Zinc (from Zinc L-Carnosine 75 mg)	17 mg	155%
Mastic Gum (<i>Pistacia lentiscus</i>)(sap tears)	1 g	*
Methylmethionine Sulfonium Chloride (Vitamin U)	200 mg	*
Deglycyrrhizinized Licorice Extract (GutGard®) (<i>Glycyrrhiza glabra</i>)(root) [standardized to contain 10% total flavonoids]	150 mg	*

*Daily Value not established.

Other Ingredients: Dicalcium phosphate, cellulose (capsule), vegetable stearate, tricalcium phosphate, silicon dioxide.

Recommended Use: Take four (4) capsules per day between meals, or as directed by your health care practitioner (divided dosing recommended).

***These supplements have not been evaluated by the Food and Drug Administration.**

Products listed are not intended to diagnose, treat, cure or prevent disease.