Biome Binder is a formula designed to support the body's natural clearance of toxic metals, including aluminum, arsenic, cadmium, lead, and mercury, without the common side effects found in harsh synthetic chelating agents. The array of ingredients in Biome Binder work together to decrease the total heavy metal burden by supporting the body's natural detoxification and clearance processes and antioxidant status.\*

#### What is Chelation?

Chelation is the process of forming a bond between a compound and a metal atom. Agents that chelate can bind to metal atoms. After binding, the compound is considered safer and is better able to be excreted by the body.

#### **Ingredient Highlights**

- Modified Citrus Pectin: Pectin is a polysaccharide (a complex carbohydrate) found in the cell wall of many citrus fruits. This product uses a unique proprietary process that allows for the correct low molecular weight and structure of pectin necessary for it to enter cells and help chelate heavy metals.
- Modified Alginate Complex: Alginates are the carbohydrates that make up the cell wall of seaweed with the distinct capability to bind heavy metals to their own molecules.
- Chlorella: Chlorella is a green algae that offers a rich supply of nutrients that can also bind to metals after they are released from tissues to help prevent reabsorption.
- Glutathione: Glutathione is an important antioxidant in the body made up of three amino acids. It helps protects tissues from heavy metals and helps the liver convert toxins into safer compounds via detoxification.
- N-Acetyl-L-Cysteine (NAC): NAC is an amino acid that supports healthy liver function with chelating properties and strong antioxidant supportive properties to help protect tissues from toxins. As a precursor to glutathione, it helps to replenish this important antioxidant.\*
- R-Lipoic Acid: R-Lipoic acid has properties that aid in regenerating other antioxidants. Additionally, it has chelation properties to support the detoxification of heavy metals.\*
- Garlic: Garlic is a rich dietary source of sulfur compounds that aid in the chelation of heavy metals. Additionally, it is rich in nutrients that support antioxidant status, including stimulating glutathione production.\*

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# **Biome Binder**

## **Benefits of Biome Binder:**

- Support for detoxification of heavy metals
- Antioxidant support

## Highlights

PectaSol-C<sup>®</sup> and Algimate<sup>®</sup> combine for chelation and these work synergistically to help remove heavy metals without depleting essential minerals from the body

- PectaSol-C<sup>®</sup> was developed using a unique proprietary process to allow for the correct low molecular weight and structure of pectin necessary for it to chelate to toxic metals
- Broken cell wall chlorella for enhanced bioavailability
- N-acetyl-L-cysteine, glutathione, and R-lipoic acid for antioxidant support and chelating ability

#### **Recommended Use:**

MD.

Take 6 capsules per day with meals or as directed by your healthcare practitioner.

(Divided dosing recommended.)

It is also recommended that Binder be taken 2 hours before or after any medications or other supplements.



\*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.