

Biocomplex for regulating blood sugar, weight, and energy at the cellular level

99% EXTRACT

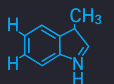
## Composition and Properties

### 1. Chlorella Yaeyama Japan:

100% freshwater chlorella grown on the coral reef of Ishigaki Island, Japan. Rich in chlorophyll, vitamins (A, B12, C, E), minerals (iron, magnesium, potassium), and phytonutrients, including the unique Chlorella Growth Factor (CGF).

#### Benefits:

- Insulin regulation: enhances phosphorylation of insulin signaling proteins (IR, IRS-1, Akt), improving cellular insulin sensitivity.
- Lipid reduction: helps lower triglycerides, cholesterol, and free fatty acids.
- Antioxidant and anti-inflammatory: reduces oxidative stress and promotes tissue repair.
- Detoxification: supports liver and digestive health, aids natural detox.
- Immunomodulatory: strengthens immune response and increases resistance to infections.



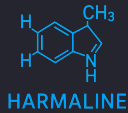
HARMALINE

### 2. Peganum harmala 98% Harmine HCL:

A high-purity extract of Peganum harmala containing  $\beta$ -carboline harmaline – a natural molecule with proven metabolic and neuroprotective effects. One of the rare botanical agents known to stimulate regeneration of pancreatic  $\beta$ -cells.

#### Benefits:

- Antidiabetic effect: reduces fasting glucose by 22–29% (clinical RCT data), lowers HbA1c, increases endogenous GLP-1 levels.
- Insulin sensitizing: activates IRS-1  $\rightarrow$  PI3K/Akt signaling, improving cellular insulin response.
- $\beta$ -cell regeneration: enhances  $\beta$ -cell proliferation 3–4 $\times$ , increases NKX6.1 expression, and boosts basal insulin secretion.



- Anti-inflammatory: inhibits TNF- $\alpha$  and NF- $\kappa$ B pathways, reducing systemic inflammation.
- Neuroprotective: reversible MAO-A and DYRK1A inhibitor; balances serotonin metabolism and improves cognitive function in metabolic syndrome.

### 3. Thyroid Extract:

Natural porcine thyroid extract containing the full spectrum of thyroid hormones: T4, T3, T2, T1, and calcitonin. Used for hypothyroidism, metabolic fatigue, and weight management.

#### Benefits:

- Metabolic activation: boosts basal metabolic rate, enhances fat and carbohydrate metabolism, increases energy levels.
- Hormonal balance: compensates for hormone deficiency in hypothyroidism and autoimmune thyroiditis.
- Weight regulation: promotes thermogenesis, reduces fluid retention and weight fluctuations.
- Cognitive and immune support: improves mood, mental clarity, and overall vitality.
- Physiological composition: delivers hormones in natural proportions, anatomically similar to those in humans.

## Composition (mg per capsule)

Chlorella Yaeyama Japan.....	400 mg
Thyroid Extract.....	12 mg
Peganum harmala 98% Harmine HCL.....	8 mg

### Other Ingredients

Plantgel™ capsule (modified tapioca starch, non-GMO, plant-based glycerin), purified water, annatto [colorant], coconut oil with MCT, olive oil, sunflower oil, mixed tocopherols.

Contains tree nuts (coconut).

Manufactured in the USA with carefully selected ingredients of both local and international origin.

## Recommendations for Use

Adults should take 1 vegetarian capsule per day during meals or as directed by a qualified healthcare professional.

## Warnings

Keep out of reach of children and pets.

Consult a qualified healthcare professional before use, especially during pregnancy, breastfeeding, or if you have a diagnosed medical condition or are taking prescription medications (e.g., anticoagulants such as warfarin/coumadin).

Do not exceed the recommended daily dose.

Do not use the product if the safety seal is damaged or missing.

Store in a dry place at room temperature. Protect the product from exposure to heat, cold, humidity, and light.

## Precautions

Packaging updates are possible. Products may arrive in alternative packaging, but freshness is always guaranteed.

It is recommended to review the information on the labels, warnings, and instructions for the products before use and not to rely solely on the information provided on the website.