



# MetaboMelo™

Optimizing Carbohydrate Metabolism  
with Bitter Melon Extract

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## General Information

- **Premium Extract:** MetaboMelo™ is a dried bitter melon fruit extract standardized to **7% charantin**.
- **Potent Bioactives:** Bitter Melon's fruit contains triterpenoids like charantin (a natural compound with an insulin-like effect), momordicin (renowned for its antimicrobial, anti-inflammatory effects, and immune support), phenolic compounds such as quercetin, carotenoids like lutein, phytosterols, and alkaloids.
- **Biological Activity:** Bitter melon exerts its beneficial anti-diabetic effects through several mechanisms of action and regulated pathways including regulation of energy metabolism pathways and genes.
- **Gentle Extraction:** MetaboMelo™ is extracted using a gentle ethanol-water extraction method, preserving its natural properties.

## Key Benefits

- **Blood sugar regulation and hypoglycemic effect:** Bitter melon extract supplementation was shown to lower fasting plasma glucose levels and HbA1c levels.
- **Metabolic Wellbeing:** Bitter melon extract may positively impact blood lipid levels and help combat advanced glycation endproducts (AGEs).
- **Weight management:** Bitter melon extract may support reductions in body weight, body mass index (BMI), waist circumference, and body fat percentage.

## Recommended Use and Dosage

- **Dietary Supplements:** Alone or in conjunction with other synergistic nutrients, at a daily dosage ranging from 100 to 2000 mg, often administered in divided doses.
- Designed for formulations supporting carbohydrate metabolism, body weight, and overall metabolic health.
- **Safety:** bitter melon has a well-established safety record, having been consumed in various forms, including teas, extracts, and dietary supplements. Clinical data indicates that consumption is well tolerated and safe.

## Specifications

<b>Botanical Name</b>	<i>Momordica charantia L.</i>
<b>Part used</b>	Fruit
<b>Standardization</b>	7% charantin
<b>Appearance</b>	Fine, slightly yellow powder
<b>Other</b>	Gluten-free, non-GMO, vegan and vegetarian-friendly
<b>Storage</b>	In a cool and dry place, do not freeze, keep away from light and heat
<b>Shelf-life</b>	3 years

For more product information, see the MetaboMelo™ product brochure.

Fagron goes beyond being just a supplier of ingredients; we are relentlessly consumer-centric. Our commitment to innovation is ingrained in everything we do for our partners, making us pioneers in shaping the future of personalized health. Our unwavering dedication to simplifying science expedites the journey from concept to consumer, empowering you to introduce purpose-driven nutraceutical and cosmetic solutions to the market swiftly.

When you collaborate with Fagron for personalized health solutions, you gain an inventive, purpose-driven, end-to-end partner. We draw inspiration from the most crucial health requirements of consumers to deliver your next product with a clear purpose in mind.

To learn more about Fagron, visit [www.fagron.com](http://www.fagron.com).

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