



Hibiscus

Lemon verbena

- 9 scientific publications
- 7 clinical studies
- 1 approved Health Claim in S. Korea:
metabolaid® may help to reduce body fat



The project has received funding from the **European Union's Horizon 2020** research and innovation programme under grant agreement No 783838

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Awarded & Natural alternative for a **healthy metabolism**

metabolaid® is a proprietary, patented formulation of standardized herbal extracts: hibiscus and lemon verbena. The combination of its active compounds, mainly anthocyanins in the hibiscus and verbascoside in the lemon verbena extract, has a synergistic effect on AMPK activation, increasing over 6-fold that of the individual extracts⁷.

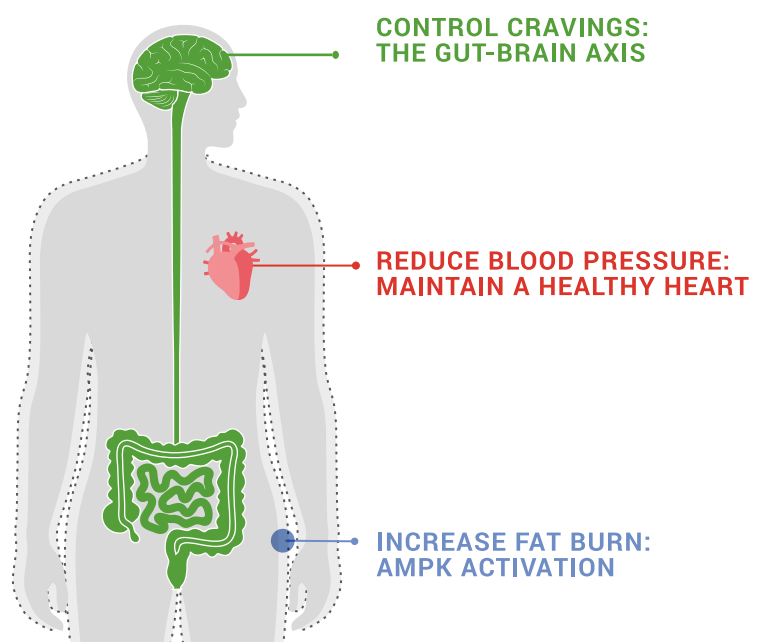
- Recommended daily dosage: **500 mg/day**
- **Supported by 7 gold-standard clinical trials**^{1-6,9}
- **Patented** (ES2661579A1)
- metabolaid® is a complex weight management ingredient and supports healthy body weight, blood pressure and encourage you to eat less^{1-7*}
- Additional study shows the **prebiotic effect** of metabolaid®

MECHANISM OF ACTION: AMPK ACTIVATION

The mechanism by which **metabolaid®** exerts its effect in the adipose tissue, muscles and liver is through the activation of the AMPK pathways.

AMPK acts as a metabolic switch in the cells. When it is activated, it increases the mitochondrial activity, cascading into increased energy consumption and favoring the use of stored energy (i.e. fat stored in the adipose tissue). This ultimately causes the body fat to be "burned off".

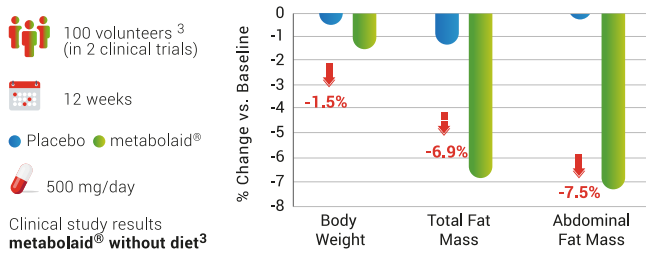
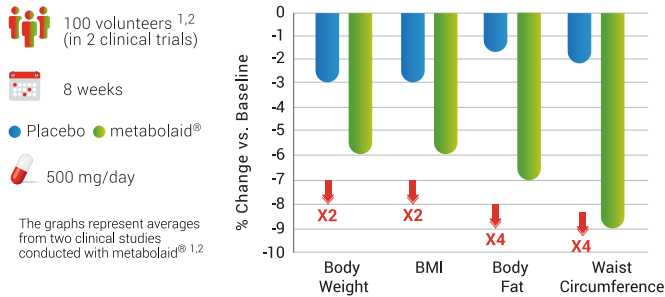
METABOLAID® HELPS TO:



* These statements have not been evaluated by any regulatory administrations. This product is not intended to diagnose, treat, cure or prevent any disease.

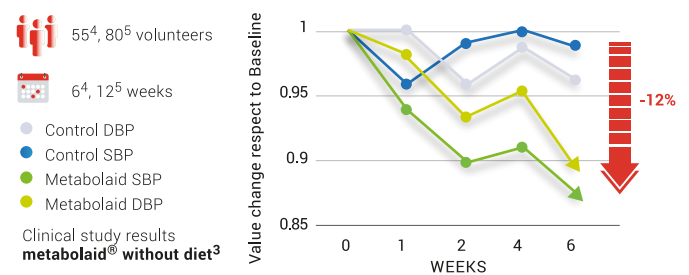
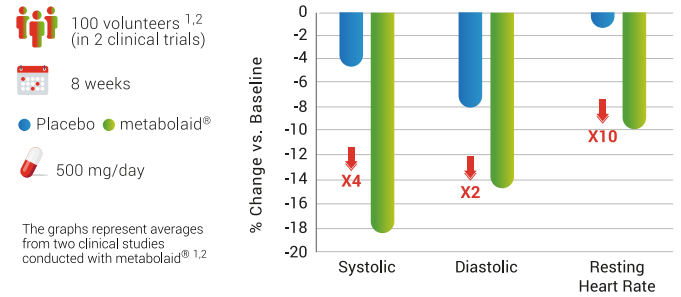
Supports a healthy weight management*

metabolaid® has been scientifically proven to **support healthy weight loss, body fat loss, and waist circumference** ^{1-3*}.



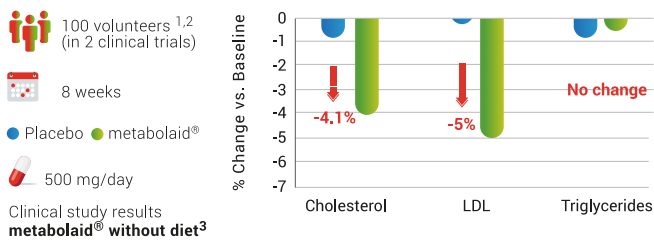
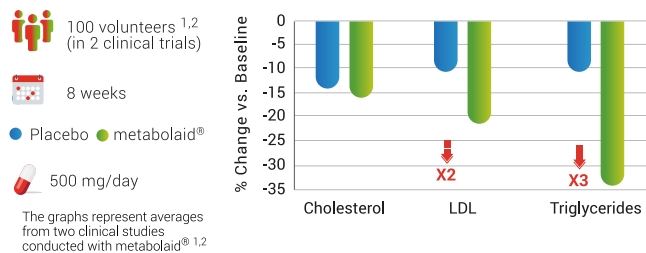
Supports a healthy blood pressure levels*

metabolaid® supports healthy blood pressure levels and resting heart rate, even in absence of diet and exercise. ^{1-2,4-5*}.



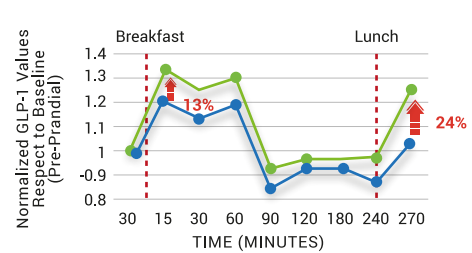
Supports a healthy cholesterol level*

metabolaid® helps maintain healthy cholesterol and triglyceride levels, when combined with a healthy lifestyle of diet and exercise. ^{1-3*}



Appetite sensation*

metabolaid® helps reduce hunger and contributes to reducing calorie intake, by **modulating the satiety gut hormone GLP-1**. ^{1,6*}.



HIGHLY VERSATILE FOR ALL APPLICATIONS

metabolaid® is supplied as a powder that is easy to formulate in tablets, capsules and ready to drink supplements.

Daily recommended dosage: 500 mg/day.

Powders & Granules

Capsules

Soft Gels

Tablets

Gummies

Ready-to-drink

REFERENCES CLINICAL STUDIES PUBLISHED ON **metabolaid®**

- [1] Boix-Castejón M et al (2018), Food Funct. 9(6):3173-3184.
- [2] Herranz-Lopez M et al (2019), Scientific Reports 9, Article number: 2999.
- [3] Marhuenda J et al (2020), Foods 9(1), 55.
- [4] Boix-Castejón M et al (2021), Journal of Functional Foods, Volume 84, 104583, ISSN 1756-4646, <https://doi.org/10.1016/j.jff.2021.104583>.
- [5] Marhuenda, J et al (2021), Molecules, 26, 1783, <https://doi.org/10.3390/molecules26061783>
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- [7] Lee YS et al (2018), Nutrients, 10(9), pii: E1204.
- [8] Bartolomé et al (2022), J Funct Foods Volume 91, 105016.
- [9] Martínez-Rodríguez, A et al (2022), Sensors (Basel, Switzerland) vol. 22,3 768, 20 Jan, doi:10.3390/s22030768.

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