

FOR THE REGULATION OF APPETITE
AND HEALTHY BLOOD SUGAR LEVELS



 **indena**[®]
INDUSTRIA
DERIVATI
NATURALI

HEALTH - FOOD

BEANBLOCK[®]

STANDARDIZED BEAN EXTRACT

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.

Please note that the physiological activity of the ingredient described herein is supported by the referenced clinical trial reports. Marketers of finished products containing the ingredient described herein are responsible for determining whether the claims made for such products are lawful and in compliance with the laws of the country in which they will market the products.

BEANBLOCK[®] 

WHAT IS BEANBLOCK®?

BEANBLOCK® is a patented¹ purified bean (*Phaseolus vulgaris* L.) extract.

BEANBLOCK® is obtained from a **single and specific Italian bean variety**.

BEANBLOCK® is standardized in 2 groups of proteins with three different approaches.

SPECIFICATIONS

BEANBLOCK® is **triple standardized**.

- **Enzymatically:** Inhibiting activity U/mg: ≥ 1.100
- **Chemically:** $\geq 6\%$ (HPLC - % w/w) in α -amylase inhibitor protein complex
- **Biologically:** Haemagglutinating activity $\geq 10.000 \leq 30.000$ (HAU/g)

RECOMMENDED USE AND DOSE

BEANBLOCK® may be utilized in a variety of supplement formulations.

Recommended dose:

200 mg/day (100 mg twice a day with meals)

TRADEMARKS

BEANBLOCK® is a trademark of Indena S.p.A. and its logo and usage guidelines are available from Indena.

References

¹ Patent: WO2007071334

² Fantini et al., *J. Agric. Food Chem.* 57:9316-9323 (2009)

³ Carai et al., *Diabetes Metab. Syn. Obes. Targ. Ther.* 2:145-153 (2009)

⁴ Maccioni et al., *Br. J. Nutr.* 104:624-628 (2010)

⁵ Loi, B., et al., *Fitoterapia* 85: p. 14-9 (2013)

⁶ Carai M. A., et al., *Br. J. Nutr.* 106: 762; (2011)

⁷ Spadafranca, A., et al., *Br. J. Nutr.* 109(10): p. 1789-95 (2013)

WHAT MAKES BEANBLOCK® UNIQUE?

BEANBLOCK® *P. vulgaris* bean extract is supported and proven effective by **extensive preclinical data**.²⁻⁶

Acute oral administration in healthy volunteers⁷ has shown that:

- **BEANBLOCK®** employed as supplement in a mixed Mediterranean balanced meal **positively affected glucose metabolism** in healthy volunteers.
- **BEANBLOCK®** modulates ghrelin secretion and induces a **longer duration of satiety** in healthy volunteers, suggesting a potential use to **control excessive food intake**.



us.indena.com

