

FOR THE REGULATION OF APPETITE  
AND HEALTHY BLOOD SUGAR LEVELS



 **indena®**  
INDUSTRIA  
DERIVATI  
NATURALI

NUTRACEUTICAL

# BEANBLOCK®

STANDARDIZED BEAN EXTRACT



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## WHAT IS BEANBLOCK®?

**BEANBLOCK®** is a patented<sup>1</sup> purified bean (*Phaseolus vulgaris* L.) extract.

**BEANBLOCK®** is obtained from a **unique 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:  $\geq 1.100$
- **Chemically:**  $\geq 6\%$  (HPLC - % w/w) in  $\alpha$ -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.

## WHAT MAKES BEANBLOCK® UNIQUE?

**BEANBLOCK®'s *P. vulgaris* bean extract is supported and proven effective by clinical studies.**

**Acute oral administration in healthy volunteers** has shown that:<sup>2</sup>

- **BEANBLOCK®** employed as supplement in a mixed Mediterranean balanced diet **positively affected glucose metabolism in healthy volunteers, modulating parameters such as post-prandial glycaemia, insulin and c-peptide;**

- **BEANBLOCK®** also **positively modulates ghrelin secretion and induces a longer duration of satiety in healthy volunteers, suggesting a potential use to control excessive food intake;**

A clinical study in healthy mildly-overweight subjects,<sup>3</sup> proved **BEANBLOCK®** effectiveness in **significantly rebalance main parameters related to weight management such as body weight and waistline circumference, both linked to a reported influence on perceived appetite and satiety.**

### References

<sup>1</sup>Patent: WO2007071334

<sup>2</sup>Spadafranca, A., et al., Br. J. Nutr. 109(10): p. 1789-95 (2013).

<sup>3</sup>Luzzi R., et al., Eur Rev Med Pharmacol Sci 18, 20 p. 3120-25 (2014).

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