

FOR ACUTE COGNITIVE ENHANCEMENT

 **indena**<sup>®</sup>  
INDUSTRIA  
DERIVATI  
NATURALI

HEALTH - FOOD

**VIRTIVA**<sup>®</sup>  
GINKGO BILOBA EXTRACT



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## WHAT IS VIRTIVA®?

**VIRTIVA®** is a *Ginkgo biloba*-phosphatidylserine association exploiting the synergy between its two nootropic agents (Ginkgo and phosphatidylserine).

*G. biloba* extract and phosphatidylserine have been traditionally used to **improve mental functions in young and older adults**, following chronic administration.<sup>1-3</sup>

**VIRTIVA®** has demonstrated acute benefits by **improving accuracy of memory and speed of memory task performance** over the 6 hours following a single administration in young adults.

## SPECIFICATIONS

**VIRTIVA®** is an association between *G. biloba* standardized extract and lecithin (from non-GMO soy) containing 20% phosphatidylserine (1:3 w/w).

**VIRTIVA®** is standardized to contain:

- ≥5% ginkgoflavonglycosides
- ≥0.5% to ≤2.5% ginkgoterpenes
- ≥12% phosphatidylserine

## RECOMMENDED USE AND DOSE

**VIRTIVA®** is a light brown powder for use in nutritional supplements.

Recommended dose: 480 mg/day

## SCIENTIFIC EVIDENCE

**VIRTIVA®** is supported by a clinical trial confirming its cognitive effects.

## TRADEMARKS

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

## WHAT MAKES VIRTIVA® UNIQUE?

In **VIRTIVA®**, the *Ginkgo biloba* standardized extract is formulated with phosphatidylserine in a **proprietary synergistic formulation**.

This synergy:

- **potentiates the cognitive effects** associated with a low dose of *G. biloba* extract.

**VIRTIVA®** study demonstrated acute cognitive effects:<sup>4</sup>

- linear, **dose-dependent increase in memory task performance** in young adults after a single administration.
- **quick physiological response** validated by multiple assessments over the 6 hours following administration.

## References

- <sup>1</sup> Birks J. *et al.*, *Cochrane Database Syst Rev* (4): CD003120, 2002.
- <sup>2</sup> Mix J.A. *et al.*, *Hum Psychopharmacol Clin Exp*. 17: 267-277 2002.
- <sup>3</sup> Stough C. *et al.*, *Int J Neuropharmacol*. 4(2):131-134 2001.
- <sup>4</sup> Kennedy D.O. *et al.*, *Hum. Psychopharmacol Clin Exp*. 22:199-210 2007.

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