

Bacomind[®]

Natural Brain Performer

Edge



1st & No.1 Branded Ingredient of Bacopa offering 9 Bioactives by HPLC & HPTLC (Bacopaside I and II, Bacoside A3, Bacopasaponin C and its isomer, Apigenin, Luteolin, Bacosine & Beta sitosterol)

Clinically validated from elderly to children with human safety study



Registered as:

- Drug in ANVISA (Brazil & Ministry of Vietnam)
- Complimentary Medicine in TGA (Australia)
- Natural Health Product (Health Canada)

Mechanism of Action

1 Neuronal Morphological Changes:

Increases Number Of Dendrites & Dendrite Branching.

2 Neurotransmission

A INHIBITS COMT AND PEP - Spares useful dopamine, norepinephrine and Substance P.

B ANTAGONISES SEROTONIN RECEPTOR (5-HT6) - Enhances cholinergic & glutaminergic transmission.

3 Neuroprotection

Inhibits ROS and PARP & provides neuroprotection.

Clinical Trial Validation

BacoMind®, clinically proven, and pioneering Bacopa monnieri extract unleashes the power of **9 bioactive** compounds to organically boost **memory, focus, learning, and overall brain function** across all age groups.

Studies in Adults

Study 1 A randomized double-blind placebo - controlled study in the elderly¹



Condition

Healthy elderly adults



Dose

300 mg/day



Participants

98 elderly adults
(Age: 255 years)



Duration

12 weeks

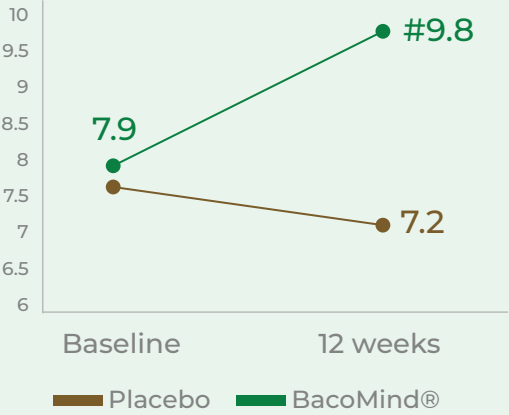


Evaluation

RAVLT
Objective

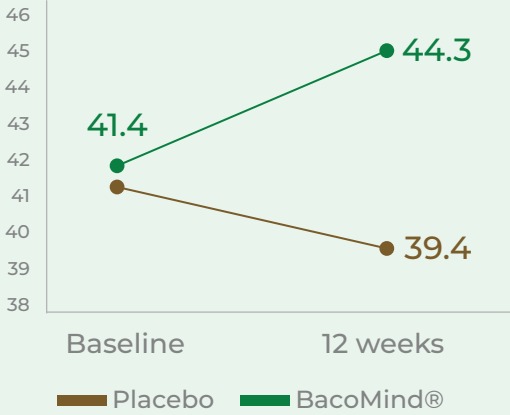


Immediate Recall Memory



Bacomin[®] showed 24% improvement in immediate recall memory compared to placebo (-7%).

Learning



Bacomin[®] showed 7% improvement in learning compared to placebo (-4%).

Outcomes

- 1 Bacomin[®] improved memory acquisition and retention
- 2 Bacomin[®] showed **24%** improvement in immediate recall memory & **22%** improvement in delayed recall memory compared to placebo
- 3 Bacomin[®] showed **50%** reduction in the impact of memory disturbance, and a **7%** improvement in learning compared to placebo

Study 2 A randomized double-blind placebo - controlled study in the elderly²



Condition

Healthy elderly adults



Dose

450 mg/day after breakfast



Participants

65 elderly adults (Age: 50 - 75 years)



Duration

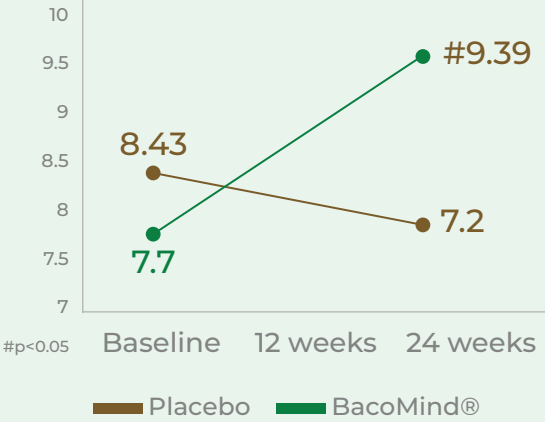
12 weeks
24 weeks follow-up



Evaluation

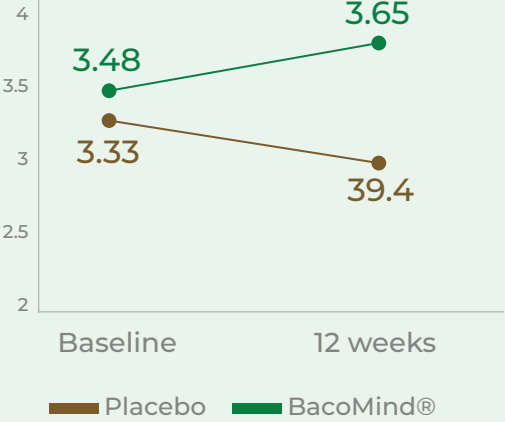
RAVLT - Objective; Visual Retention; Digit Span At 12 weeks and at 24 weeks (Bacomin[®] administered for 12 weeks only)

Visual Retention



BacoMind showed 22% improvement at 12th week compared to placebo (0.6%).

Attention



BacoMind® showed significant improvement at 12th week compared to placebo.

Outcome

- 1 BacoMind® improved verbal memory
- 2 BacoMind® showed **78%** improvement List Learning Delayed Recall & **36%** improvement in Paired Associated Dissimilar Delayed Recall compared to placebo
- 3 BacoMind® showed **22%** improvement in Visual Retention & significantly improved Attention compared to placebo

Studies in Children

Study 3 An open labelled clinical study in children requiring IEP³



Condition

Children requiring IEP



Dose

250 mg/day



Participants

24 children (Age: 4 - 18 years)



Duration

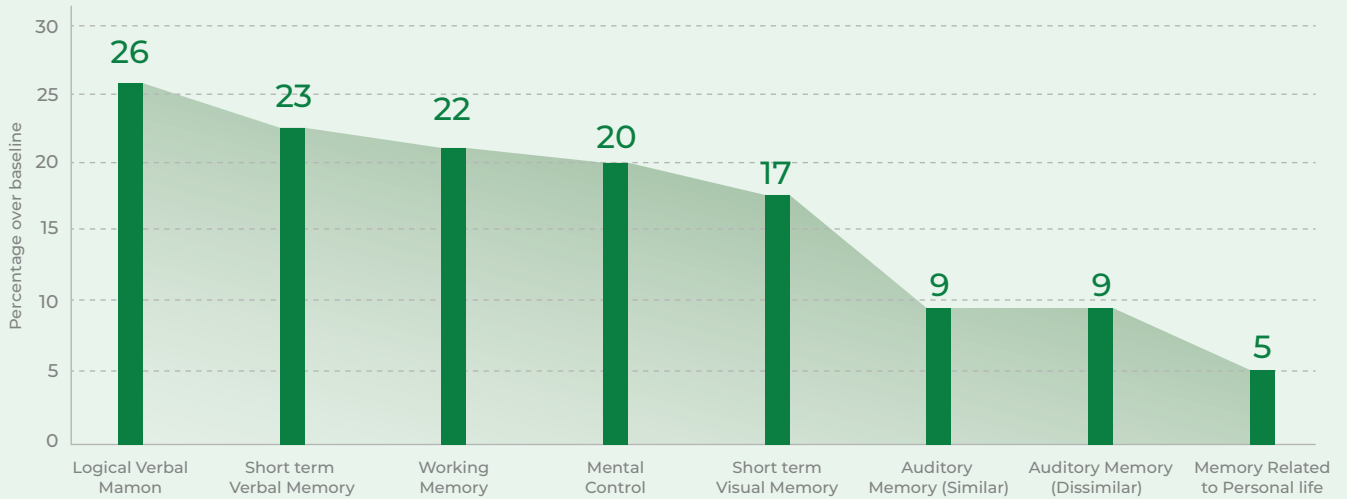
4 months



Evaluation

At 4 months

Memory improvement in children requiring IEP



BacoMind® showed significant ($p < 0.05$) improvement in children requiring IEP.

Outcome

- 1 Children requiring IEP showed improvement in the battery of memory tests
- 2 BacoMind® showed significant ($p < 0.05$) improvement in children requiring IEP
- 3 Overall, BacoMind® showed improvement in 83% of the children based on the total score of memory tests

Study 4 An open labelled study in children with ADHD⁴



Condition

Children with ADHD



Dose

225 mg/day



Participants

27 children (Age: 6-12 years)



Duration

6 months



Evaluation

At 6 months

93%

BacoMind® improved memory acquisition and retention

89%

Children Showed improvement in self control

85%

Children Showed improvement in attention deficit attribute

78%

Learning problems in 78% of the children

67%

Impulsivity in 67% of the children

52%

Psychiatric problems in 52% of the children

Outcome



BacoMind® significantly improved 6 out of 7 symptoms of ADHD in all children

Human Safety Study⁵



Condition

Healthy adults



Dose

300 mg/day - 15 days
Continued 450 mg/day - 15 days



Participants

23 individuals (Age: 18 - 45 years)



Duration

30 days



Evaluation

Pre & post treatment

Outcome



BacoMind® was found to be safe for human consumption

Clinical Trial Backed Usage



Adults

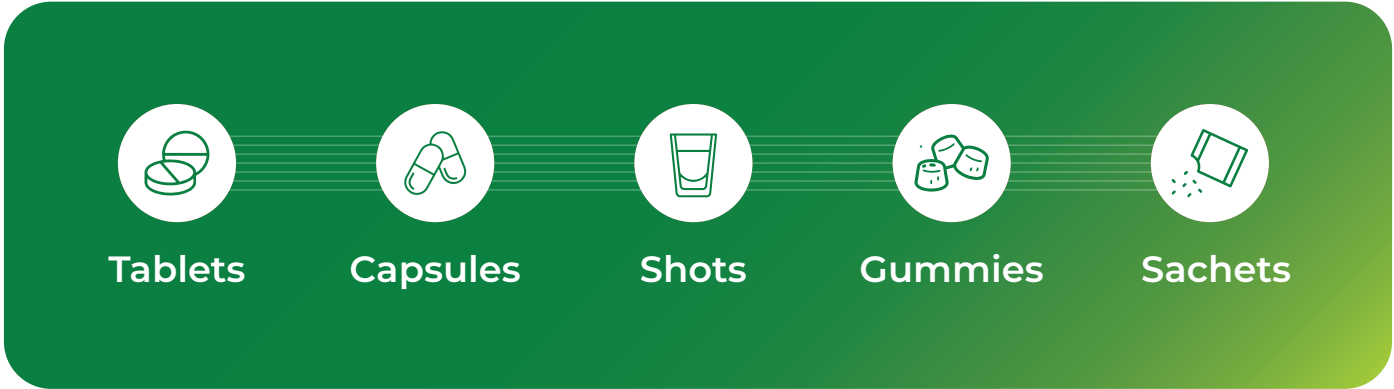
300 mg/day to 450 mg/day



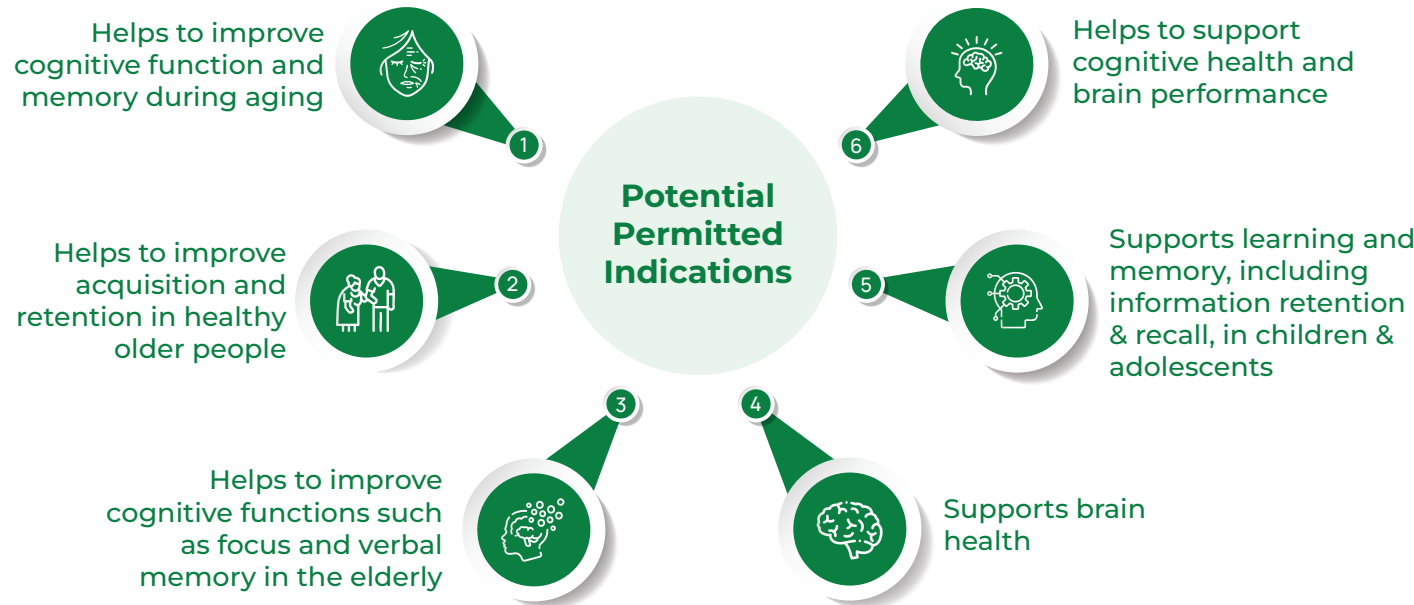
Children

225 mg/day

Some Possible Formulations (GRAS Affirmed Advantage)



Potential Permitted Indications



Sustainability



Environment

Eco-friendly cultivation preserves delicate ecosystems.

Cultivating Bacopa is a significant model of ex-situ conservation.

Manual cultivation reduces our carbon footprint.

Eco-friendly agriculture protects marshlands from the introduction of toxic chemicals and hence conserves rare marshy ecosystems.



Communities

Farmers get a reliable income stream to support themselves and their families.

Empowering farmers to switch from growing rice to growing Bacopa improves their livelihood and minimizes migration.

Micro-financing, in-depth training, and technical support set our farmers up for success.

Our quality-at-source initiative is instrumental in generating self-employment for farmers.



Herbs

Seed-to-shelf quality control creates the finest Bacopa available.

Growing Bacopa in its natural homeland ensures high levels of bioactives.

Eco-friendly cultivation means our Bacopa is not contaminated with pesticides like wild Bacopa is.

Drying Bacopa immediately onsite prevents the growth of fungus.

References:

1. Morgan and Stevens. The Journal of Alternative & Complementary Medicine 2010, 16 : 753-759
2. Barbhaiya et al. Journal of Pharmacology & Toxicology 2008, 3: 425-434
3. Usha et al. Journal of Pharmacology & Toxicology 2008, 3(4): 302-310
4. Dave et al. Advances in Mind-Body Medicine 2014, 28(2):10-5
5. Phytomedicine Volume 14, Issue 5, 21 May 2007, Pages 301-30



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website

*Disclaimer: 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.

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