

For the evolution of your mind®

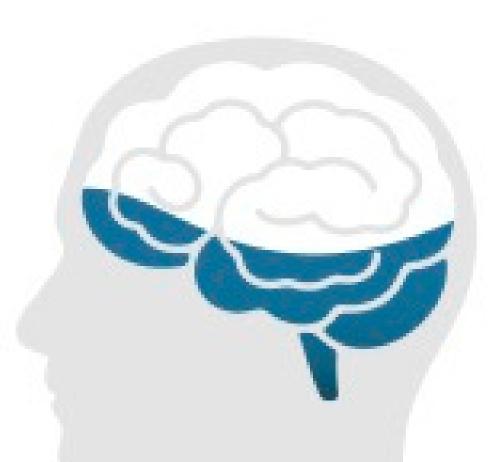
WINNER INGREDIENTS AWARDS 2022 Science Snapshot

What is citicoline?



A naturally occurring nutrient found in the brain.

What does it do?



Citicoline increases an important substance in the brain called phosphatidylcholine that is critical for healthy brain function.

What is Cognizin® Citicoline?



A clinically tested form of citicoline that can supply your brain with the nutrition it needs to stay sharp.

Key studies that show Cognizin® Citicoline's support of focus & attention*

Cognizin® Citicoline's effect on cellular synthesis and brain energy

Researchers observed increases in brain activity among middle-aged adults who had taken 500mg Cognizin® for six weeks*1

6 weeks@500 mg/day Cognizin®

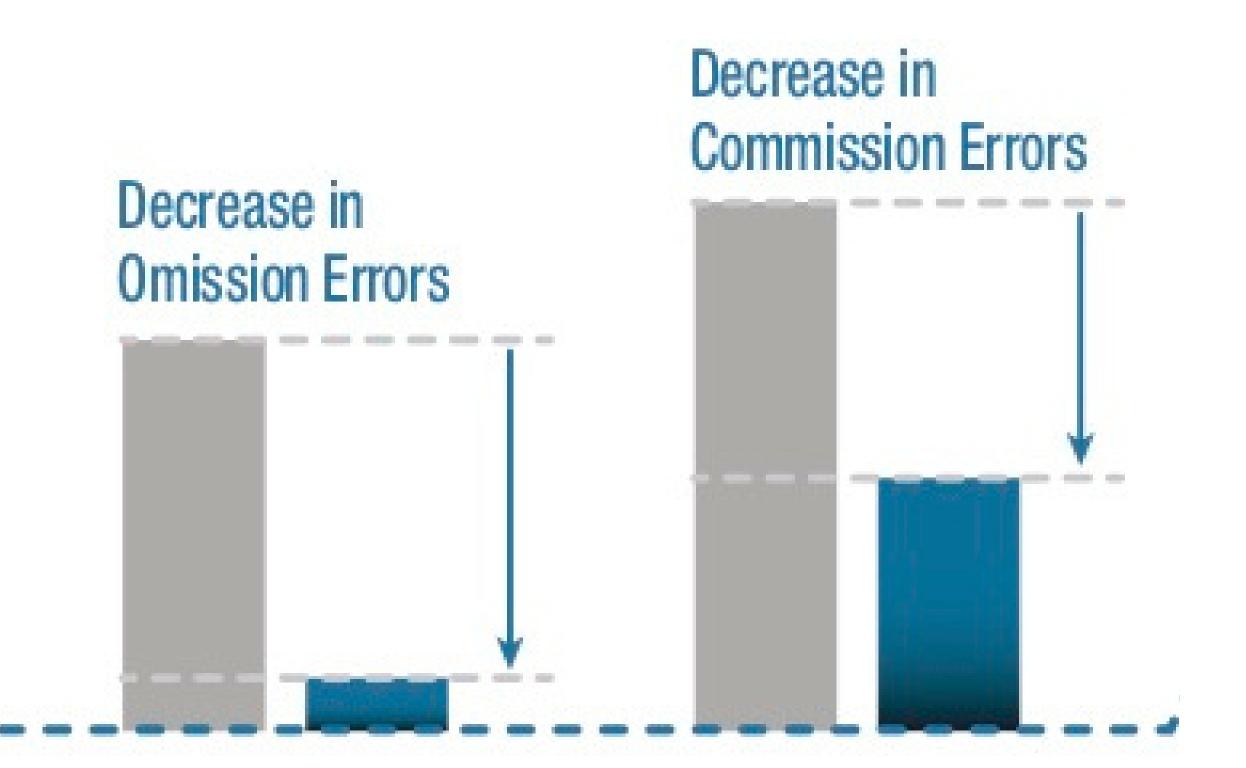
13.6% Increase in Energy Utilization (Brain Energy) 26% Increase in Membrane Turnover

Metabolite level (Phosphoethanolamine) Metabolite level (ATP)

Cognizin® Citicoline's effect on focus and attention

Cognizin® at 250mg / day improves attention and focus in middle-aged women*2

4 weeks@250 mg/day Cognizin®



Cognizin® Citicoline's effect on motor speed and attention in adolescent males

Researchers observed an increase in both attention and psychomotor speed in adolescent males after 28 days of Cognizin® supplementation*3

28 days@250 mg or 500 mg/day Cognizin®

Significant increase in motor Improved attention on speed on Finger Tap test Ruff 2 & 7 Speed Task test Changes of Total Score Change in Ruff 2 & 7 in Dominant Hand Speed Score



Cognizin® Citicoline's effect on memory

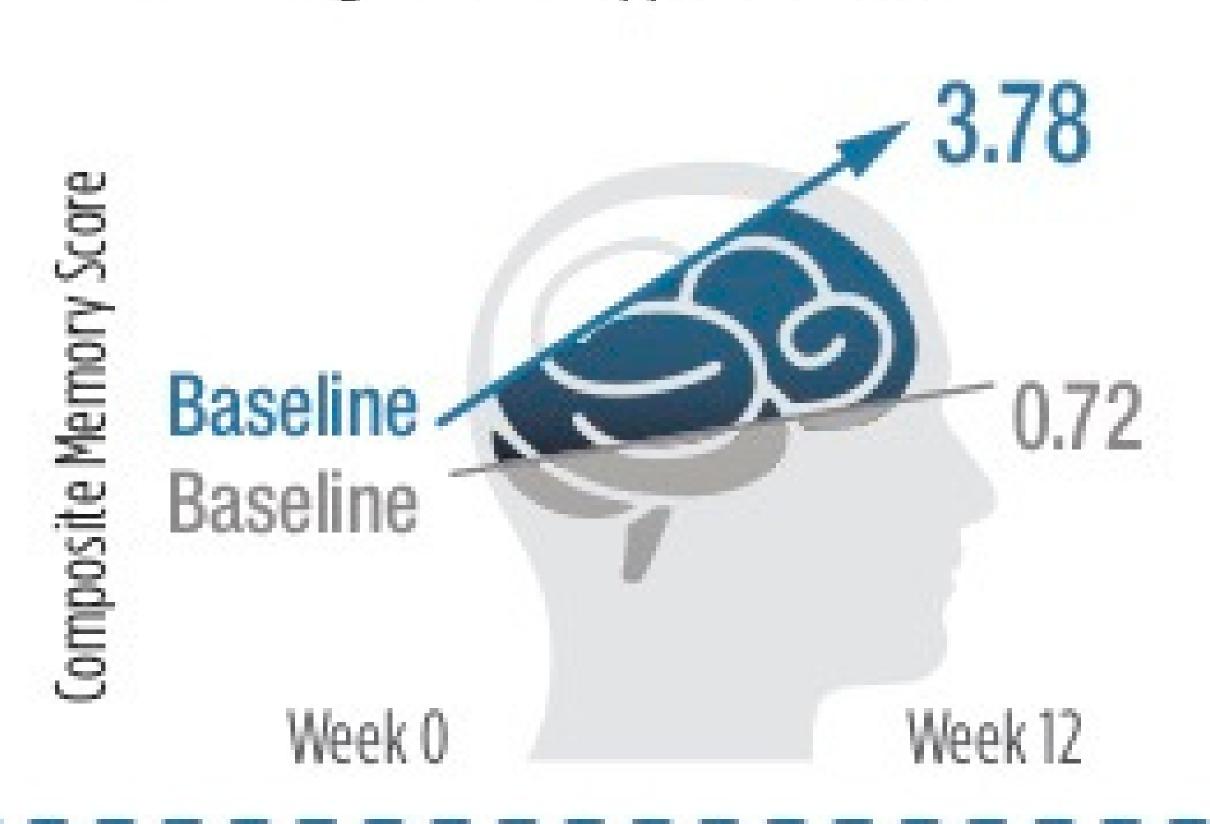
Cognizin® at 500 mg/day can support episodic memory and overall memory in healthy older adults (ages 50-85).*4

Placebo

Cognizin® Citicoline 500 mg/day

Improvement in Overall Memory

Significantly improved to a greater extent following citicoline supplementation



Improvment in Episodic Memory

Significantly greater improvements in episodic memory

