



Memory. Cognition.
Learning. Focus.

The #1 Most Studied Ingredient for Memory

Memo-Q is a patented cognitive and memory enhancing ingredient comprised of bioactive peptides from a protein in silk called fibroin. Multiple research studies show Memo-Q provides substantial improvements to memory, cognitive function, learning ability, and focus for people of all ages.



Memory

Memo-Q significantly improves numerous types of memory including both short- and long-term memory, auditory & visuospatial memory, and working memory, central to reasoning and judgement.

Memory Quotient (MQ) is an index of complex memory functioning, and includes meaningful and abstract material, and short-term recall. Memo-Q significantly improves outcomes.

Memory preservation is a measure of how well one maintains memorized information. Memo-Q significantly prolonged memorized information.

25%
Memory
Quotient

24%
Memory
Preserve



Cognition

Various aspects of cognition and cognitive ability are improved with Memo-Q including memory, flexibility, attention, and learning. It was shown to improve overall cognitive ability in elderly adults.

The WAIS (Wechsler Adult Intelligence Scale) is a type of IQ test which measures several areas of cognition. Memo-Q significantly increases scores.

The Mini-Mental State Evaluation (MMSE) is a 30-item questionnaire used to assess cognitive decline. Memo-Q significantly improved scores in subjects experiencing cognitive decline.

22%
Intelligence
Scale Adult

17%
Mini-Mental
State Eval



Learning

Memo-Q improves learning ability by reducing the repetitions needed to memorize information and by increasing the amount of information remembered after the same amount of training.

Learning Gradient (LG) measures how many repetitions are needed. MEMO-Q significantly lowers the number of repetitions needed to acquire knowledge.

The Auditory Verbal Learning Test (AVLT) asks subjects to remember a list of words after five repetitions, a marker of learning. Memo-Q increased the number of words remembered.

62%
Learning
Gradient

27%
Auditory
Verbal Learn



Focus

Memo-Q improves focus by improving the ability to quickly direct attention where needed and by improving the ability to process information quickly and filter out unwanted distractions.

The Color Trails Test (CTT) requires connecting colors and numbers in sequence and it is an effective measure of concentration. Memo-Q significantly reduces errors made during the test.

The Paced Auditory Serial Addition Test (PASAT) measures attention and processing speed. Subjects add numbers spoken by a researcher at varying speeds.

21%
Color
Trails Test

22%
Serial
Addition

10 Human
Clinical Studies

8 Pre-Clinical
Studies

20 Plus Years
of Research

For More Information Contact Freeman Nutra
at Innovation@FreemenNutra.com



Improved Cognition For All Ages

Clinical research has been conducted in every age group - children, high school & college students, and healthy adults, some into their 90s. The studies show Memo-Q is safe and effective for improving memory and cognitive function for ages 7 to 90+ years.



Adults

- Recall important information
- Connect pieces of data
- Commit more to memory
- Bolster cognition as we age



Students

- Improve learning efficiency
- Better memorization
- Improve attention & focus
- Reduction in errors



Children

- Improve focus & attention
- Increase cognitive flexibility
- Support memory retention
- Recall of sounds and shapes

Mechanisms of Memo-Q

Acetylcholine



Memo-Q increases the production of acetylcholine, a neurotransmitter that signals neurons to fire. It is key in memory, learning, and movement.

BDNF Stimulation



Memo-Q increases BDNF production a key neurotransmitter in growth and plasticity. It is important in forming new memories and knowledge.

Neuroprotection



Memo-Q protects the brain and neurons from damage caused by oxidation, inflammation, and toxins, maintaining cell viability and function.

Increased Blood Flow



Memo-Q has been shown to increase blood flow to the parahippocampal gyrus and medial temporal areas, key areas of memory and learning.

For Formulators:

Water Soluble

Pleasant Taste

3 Year Shelf Life

Caps/Tabs

Powders

Gummies

Food

Beverages

