

## BRAIN BACKGROUND STATEMENTS:

- Memory capacity, reasoning and core cognitive functions peak at age 25.
- The prefrontal cortex area of the brain, responsible for working memory, shrinks by 50% between the age of 25 and age 80.
- Brain synaptic density and synaptic function decreases with age.
- A deficiency in brain magnesium has been shown to affect the hormones controlling mood, sleep and stress management.

## MAGTEIN® MECHANISM OF ACTION

- Magtein is the only magnesium form shown to effectively increase the brain's magnesium levels.
- Magtein increases brain synaptic density.
- Magtein reverses the hippocampus age related shrinking of the brain, which controls short and long term memory.
- Magtein restores the prefrontal cortex synaptic density of the brain, which controls complex cognitive behavior, emotional response, executive reasoning, planning and decision making.
- Magtein increases synaptic plasticity and density in both hippocampus and prefrontal cortex regions of the brain.

## MAGTEIN® FUNCTIONAL CLAIMS \*

- **Mood, Stress and Sleep: Dosage 1g / day (in approved combination formula)**
- **Cognition and Memory: Dosage 2g / day (can be in a standalone or approved combination formula)**
- **Magtein can also be used in Food and Beverage with a Nutrition Facts panel at Daily Dosage of : 500mg / day**
- Magtein supports quality sleep
- Magtein supports a positive mood
- Magtein supports a healthy response to stressful events
- Magtein supports a healthy response to occasional stress and anxiety
- Magtein supports a healthy response to anxiety
- Magtein supports short and long term memory
- Magtein supports working memory
- Magtein supports mental clarity during aging
- Magtein supports focus and attention during aging
- Magtein supports cognitive ability during aging



Better Magnesium. Better Brain.

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\*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.