

Suntheanine®



Relax. Focus. Revive.

Suntheanine® is a high-purity, L-isomer form of the amino acid theanine. L-theanine occurs naturally in tea; it is the key component of tea that imparts a sense of relaxation. Suntheanine® is produced via a patented fermentation process that mimics the natural process in green tea leaves, resulting in the L-isomer form of L-Theanine. It has been awarded several US and international patents, and when introduced to the market, this ingredient won several prestigious awards. Suntheanine® has been recognized as one of the most effective ingredients for stress, relaxation and improved quality of sleep. Suntheanine® has also been studied for its benefits on immune health, managing metabolic syndrome, ADHD and has been found to pair well with CBD/Cannabidiol. Its effects can be felt in as little as 30 – 60 minutes.

Features & Benefits

Suntheanine® has been used in numerous clinical trials as the specific form of L-theanine studied. Structure/function claims are based on Suntheanine® studies

Suntheanine® is an isometrically pure L-isomer Theanine (>98%) and is clean label

Suntheanine® is a white, free-flowing powder, very soluble in water and forms a clear solution that is nearly tasteless

Formulating with Suntheanine®

With a flexible range of serving sizes, you can incorporate Suntheanine® into your products as the primary ingredient, or as a supporting component of your unique formula.

- Suntheanine® is a powder which can be readily formulated at servings between 50 and 200 mg, either by itself, as a standalone dietary ingredient, or paired with other synergistic ingredients.
- Suntheanine® is easily incorporated into powders, tablets, capsules, softgels, liquids, creams, gummies, lozenges, and other convenient and novel delivery forms.
- Suntheanine® can be labeled as a fermented ingredient, for example: "Suntheanine® enzyme-fermented L-theanine."

Suntheanine® pairs well with:

- **NutriGP® Magnesium** for calming, in both adult and children's products
- **Sunfiber®**, offered exclusively by NutriScience, for gut-brain health
- **Adaptogens** such as Shoden® (Ashwagandha), offered exclusively by NutriScience
- **Other nootropics** for enhanced memory and cognition. Include in children's formulas for learning
- **Vitamin B12** and/or caffeine for focused energy and formulas for gamers
- **Hemp/CBDs** for calming, relaxation, and anxiety reduction. Suntheanine® provides the clinical basis for the claims
- **Sleep and relaxation** ingredients such as melatonin, 5-HTP, and valerian root

Applications

- Dietary Supplements
- Functional Foods & Beverages
- Sports Performance Formulations
- Animal Health Products
- Functional Candies, Gums, Chocolates
- Creams & Topicals

Certifications & Quality Assurance

- Non-GMO Project Verified
- FDA GRAS
- Kosher
- Halal
- Vegan
- Allergen Free
- Gluten Free

Clinical Studies

Suntheanine® has been the subject of over 200 clinical and scientific studies. In human clinical trials, Suntheanine® has been shown to promote an alert state of relaxation without drowsiness, as indicated by an increase in Alpha brain waves, and a decrease in Beta brain waves. These brain effects promote the use of Suntheanine® for:

- Stress
- Sleep
- Energy
- PMS
- Cognition & Memory
- Relaxation & Calming
- Immune Health
- ADHD

Structure/Function Claims

Suntheanine® structure/function claims are based on the science (studies and clinical trials) specific to using Suntheanine®.

- Improves focus, attention, learning performance and mental clarity
- Reduces stress and promotes relaxation without drowsiness
- Improves quality of sleep
- Reduces negative effects of caffeine
- Diminishes normal symptoms of PMS
- Promotes focus and concentration
- Helps manage metabolic syndrome by blocking fructose absorption
- Supports the immune system; for seasonal support

Safety

Suntheanine® is safe for human and animal consumption and has been used in supplements, foods and beverages since 1994. Unlike other stress reducing supplements, Suntheanine® does not cause drowsiness.

Regulatory

Suntheanine® is FDA GRAS (Generally Recognized as Safe) with a Letter of No Objection from the U.S. FDA in 2007. Suntheanine® is approved for use by a number of food authorities including in Canada, Korea and Japan.

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Check out our Suntheanine® video! Click here!



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