Suntheanine®

High Purity L-Theanine

Stress & Mood Support for People and Pets

Feeling Stressed and Anxious: A Growing Concern for Humans and Pets Alike

84% of adults reported feeling at least one emotion associated with prolonged stress in the prior two weeks[1]

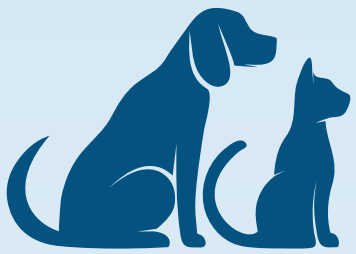
18.1% of adults are affected by Anxiety Disorders in the United States - approximately **40 million** are between the ages of 18 and 54[2]

53% of dog owners overall (and 60% of hybrid workers) believe their dog has separation anxiety[3]

ANXIOUS FEELINGS	vs. IN PEOPLE	STRESS
Associated with worry, fear, uneasiness or dread		A physical, mental or emotional reaction to an external stressor
Can cause nervous behavior, restlessness, fatigue, concentration issues, rapid heart rate and more		Specific forms of stress can be helpful in providing energy in times of danger, or in helping performance under pressure. However, long-term stress can become problematic[4]
Becomes a disorder when disproportionate		Not technically a disease, but stress can have lasting effects when chronic

Anxiousness in Pets

Just like humans, pets can experience worry, fear and uneasiness due to a variety of reasons:



- ✓ Separation anxiety
- ✓ Loud noises
- ✓ Environmental changes

Pandemic Pets

PETS RAISED DURING THE PANDEMIC

- Not used to being away from their people
- Unaccustomed to strangers and other animals
- Lack socialization

THE RESULT

- Separation anxiety
- Reactivity
- Other symptoms of stress

Pets Are Part of the Family

$15.8 billion[5]
pet medicine market size in 2020

61%
of US pet owners
are willing to pay more for food and supplements that target their pets' needs

$32.8 billion[5]
pet medicine market size by 2028

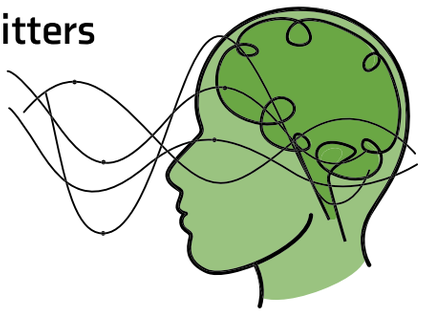
Consumers demand high quality, natural and clinically researched solutions for themselves, their kids and their pets.

Suntheanine®: A Solution for People and Pets

Suntheanine® is produced via a technologically advanced and patented production method that yields isomerically pure L-isomer theanine. This process mimics the natural process in green tea leaves

What is Suntheanine® and How Does it Work?

- Suntheanine® helps to normalize the body's neurotransmitters
- Increases alpha waves (for a relaxed state)
- Reduces beta waves (known to promote an excited state)
- Promotes an alert state of relaxation without drowsiness



Scientifically Substantiated Product Claims Include:

REDUCED STRESS[6,7,8]

PROMOTES RELAXATION[6,9]

ENHANCED FOCUS AND CONCENTRATION[10]

IMPROVED QUALITY OF SLEEP[11,12]

Suntheanine® is supported by hundreds of scientific and clinical studies

20+
years of use in various applications

Fast acting
30-60 minutes for Suntheanine to work

40+
US and International patents

Suntheanine® is GRAS and has its own safety and toxicity data. An extensive list of toxicology studies confirm it's safe for human and animal consumption.

HUMAN STUDY HIGHLIGHTS

Reducing Stress and Anxious Feelings: 200 mg Suntheanine®...

- Induces relaxation – fast acting at 30-60 minutes[14]
- Helps reduce anxiousness during a stressful event[13]
- Increases generation of alpha waves[14,15]
- Calms blood pressure and heart rate[13]

ANIMAL STUDY HIGHLIGHTS

Anxiety in pet dogs and cats: Suntheanine® reduces...

- Noise phobias[16]
- Separation anxiety[16,17]
- Other symptoms of anxiety[16,17]

Suntheanine®: A Standout Ingredient

- Suntheanine® can be used as the primary ingredient in a stand-alone product or as part of a comprehensive formula

- Suntheanine® is an odorless, white powder that is highly soluble in water with little to no taste, making it easy to work with
- Suntheanine® is >98% pure L-theanine with no additives, carriers, or preservatives

Suntheanine® offers versatile delivery formats for humans and pets

FORMULATING WITH SUNTHEANINE® FOR PEOPLE:

CAPSULES

TABLETS

SOFT GELS

FUNCTIONAL FOODS AND BEVERAGES

RTDs

GUMMMIES

LOZENGES

FORMULATING WITH SUNTHEANINE® FOR PETS:

CHEWS

TABLETS

LIQUID TOP DRESS

POWDER TOP DRESS

FEATURES & BENEFITS:

ANIMAL HEALTH | FOCUS | SLEEP QUALITY | STRESS & RELAXATION | ALLERGENS | GRAS | VEGAN

KOSHER | HALAL | NON GMO Project VERIFIED nongmoproject.org | INFORMED WE TEST · YOU TRUST INGREDIENT

Built on a legacy of ingredient innovation...

Top brands across the globe continue to trust Suntheanine® as the premier L-Theanine to formulate innovative products for people and their pets!

Learn More about Suntheanine®

TAIYO

Suntheanine is a registered trademark of Taiyo International, Inc.

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