## THOT AMINOS

100% plant based essential amino acids, made through biosynthesis in Japan (fermentation with bacteria).
150 tablets



The partner companies from Japan are ranked Nr. 1 and Nr. 2 In the world classification for Essential Amino Acids Producers. So we practically are producing

# Nr.1 Essential Amino Acids Formula in the World.

### Produced in Japan



#### Assembled in Romania



- The best-balanced formula that contains the 9 essential amino acids (including L-Histidine), which our body cannot synthesize.
- With 39% L-Leucine, this supplement supports muscle activity and cardiovascular system functions.
- Contributes to the recalibration and regeneration of all organs and systems that involve the presence of protein structures such as: enzymes, hormones, neurotransmitters, receptors, transporters, contractile proteins, structural proteins, etc.
- Energy booster. Fast recovery. Perfect for sustaining mental and physical effort.
- Premium Quality Ingredients make THOT AMINOS ready for absorption and use, without the need for digestion.
- 100% herbal formula (by bacterial biosynthesis and nano carbon filtration).
- GOOD TASTE, almost neutral. NOT BITTER. NO added flavorings or sweeteners.

#### What is THOT AMINOS?

THOT AMINOS is a complete and perfectly balanced formula that contains the 9 essential amino acids.

Amino acids are organic compounds found in nature in the form of proteins. There are 20 amino acids, of which only 9 are essential, in the human body is not able to synthesize them, which is why it is absolutely necessary to supplement with essential amino acids from the outside intake.

The fact is that we are all deficient in essential amino acids. Amino acids are used for protein synthesis, the proteins being the ones that make both the structure and all the functions of the body take place. Proteins are what keep the body alive. Most people think that we need protein in our diet, but this is not the case. We need amino acids, not protein. And not just any amino acids! We need essential, bioavailable and left folded amino acids. Thus, THOT AMINOS understands and delivers these needs through its top formula.

#### THE 9 ESSENTIAL AMINO ACIDS AND THEIR FUNCTIONS:

L-Leucine – stimulates muscle protein synthesis, being directly involved in the functions of anabolism or body growth and development

L-Lysine – is involved in the most important regulatory processes like gene expression, cellular metabolism and protein stability. Practically, L-Lysine is the key to epigenetics and is essential in longevity and regeneration L-Isoleucine – is an important regulator of blood sugar, muscle repair and energy regulation

L-Valine – is both an EAA and a BCAA. It is needed for muscle, tissue repair and maintaining an optimal level of nitrogen in the body. Along with leucine and isoleucine, it helps protect muscle tissue

L-Threonine – is important for the production of antibodies, for the immune system and can be converted to glycine and serine. It also contributes to the synthesis of collagen, elastin and tooth enamel and helps in liver metabolism L-Phenylalanine – stimulates the synthesis and release of neurotransmitters and hormones such as dopamine and norepinephrine, substances necessary for the optimal activity of the Central Nervous System and the Peripheral Nervous System. They are basically the two neurotransmitters that make us "feel good" and get over an intense pain or an unpleasant event more easily

L-Methionine – provides the body with sulfur – sulfur is very important in the synthesis of glutathione – the most powerful antioxidant in the body, the synthesis of cysteine, taurine, as well as other compounds necessary for optimal functioning, growth and regeneration, detoxification

L-Histidine – previously considered non-essential for adults, histidine is involved in important mechanisms involving the immune, inflammatory and digestive systems. It is a precursor for a powerful antioxidant and for an effective UV light protector

L-Tryptophan – helps release basic neurotransmitters, hormones for well-being and sleep. Examples include serotonin (the "hormone of happiness") and melatonin (the hormone that regulates the sleep-wake cycle).

#### The Benefits of Supplementing with THOT AMINOS

Here is what our essential amino acids can do for you:

UPGRADE the production of body digestive enzymes (Our enzymes are produced from essential amino acids). This is one of the biggest problems in nutrition because our production of enzymes depends on essential amino acids. You can produce enzymes if you have essential amino acids, but you also use the enzymes to extract the amino acids from the food.

We are caught in a vicious cycle between enzymes and essential amino acids.

The body will decrease the concentration of the enzymes that will lead to poor digestion and poor extraction of essential amino acids from external sources

UPGRADE your metabolic rate and digestion.

UPGRADE your fat burning rate.

UPGRADE your body's production of hormones in a natural way. You let your body decide what hormones its need to produce instead of forcing a specific hormone. The problem usually is that the body does not have all key ingredients in order to produce our most needed hormones

DOWNGRADE your STRESS load and increasing the production of needed neurotransmitters. Having the basic amino acids building blocks your brain and Central Nervous System can balance itself to normal state, even in extreme periods of stress.

UPGRADE your muscle strength and muscle volume especially due to huge proportion of L-Leucine (39%)

UPGRADE your KETOGENIC (Catabolic) status that will burn fat and increase muscle mass.

FAST recovery during and after physical and mental/emotional activity.

UPGRADE your collagen production and all connective body tissues. (60% of our overall mass is in fact amino acids, including our bones)

BEST suited for Fasting and Keto diets (Ketogenic Nutrition – The fundamentals of Keto diet – 100% Powerful Ketogenic) since it does not increase the blood sugar spike. (It feeds your body directly with optimal amino acids) DOWNGRADE the toxins in your body since the Amino Acid Utilization factor is 98-99%.

UPGRADE your protein (amino acids) intake with all essential amino acids that the body does not produce without the downside of sugar and nitrogen load. (When you eat proteins, 60-70% of your meals transforms in fact in a form of sugar and a form of amino compounds, hence the sugar load and uric acid or other substances that your body needs to eliminate).

#### Ingredients (one THOT AMINOS tablet contains):

L-Leucine, L-Lysine Hydrochloride, L-Isoleucine, L-Phenylalanine, L-Methionine, L-Valine, L-Threonine, L-Histidine Monochlorhydrate Monohydrate, L-Tryptophan, Emulsifiers (Pectin, Talc), Bulking agent (Pea Starch and Microcrystalline Cellulose).

THOT AMINOS is a dietary supplement that complements our diet with exogenous ortho-molecular essential amino acids, which the human body is not able to produce. Only L-Amino acids are correctly used for building. The "L"-shows that the amino acid is correctly folded to the Left – "ortho" means "correct".

THOT AMINOS are plant-based Amino Acids using state of the art bio-synthesis (bacteria). All natural and suitable for human absorption and direct utilization.

#### Usage: 2-3 tablets/day

Doses may be adjusted as needed, according to the following recommendations:

Healthy adult, for maintenance: 2-3 tablets/day, in 1 or 2 doses

Moderate physical or intellectual activity: 3-5 tablets/day, before, during and after the effort

Intense physical or intellectual activity: 5-7 tablets/day, before, during and after the effort

Metabolic and other imbalances: 3-5 tablets/day, in 1 or 2 doses

- \* Amino acids are most effectively used when administered on an empty stomach, at least 30 minutes away from meals or snacks.
- \*\* Essential amino acids have NO contraindications. We need them all our lives. .For further advice, consult your doctor or therapist.

#### How do THOT AMINOS work?

Once swallowed, essential amino acids are directly absorbed into the bloodstream in about 15-20 minutes, without the need to digest them. They are used by the body ACCORDING TO BODY'S PRIORITIES. Firstly, essential amino acids are used to repair vital organs and tissues that support vital functions, especially the blood and the DNA. Later, they will optimize the circulatory system, nervous system, endocrine system, vital organs (kidneys, liver, lungs) and only after they will restore muscle tissue, bone, collagen and skin. In other words, repairing comes first and rejuvenation (antiaging)

Essential amino acids can be reused IF there are special proteins in the body, called heat shock proteins, which can fold them back together. So, we go back to amino acids.

#### Why are THOT AMINOS so special?

Contains ALL 9 essential amino acids in the most BALANCED proportion

The formula contains 100% essential amino acids extracted from PLANTS, through bacterial biosynthesis.

Professional Quality Ingredients. Due to them, the amino acids do NOT taste bitter.

Easy to swallow. Midline format.

The amino acid utilization factor is 98-99%. AAU or Amino Acid Utilization means that almost all THOT AMINOS are used for the direct synthesis of proteins in the body or other complex amino acids (enzymes, hormones, neurotransmitters, etc.).

Almost no calories (only 0.4 kcal per ten tablets), providing the same amount of amino acids as about 350 g of fish or poultry

They are ORTHOMOLECULAR - they have the smallest molecule correctly folded

Rapid absorption (15-20 minutes) due to the HCL form of amino acids

Direct delivery into blood

Kosher

FREE OF: sugar or artificial sweeteners, gluten, dairy, fats, maize, wheat, cereals or GMOs.

For more details, visit <u>www.thotnutrition.com</u> or our product page: <u>Thot Aminos</u>.

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