

HIGH ABSORPTION NUTRITIONAL SUPPLEMENTS

NO SUGAR, NO ARTIFICIAL SWEETENERS

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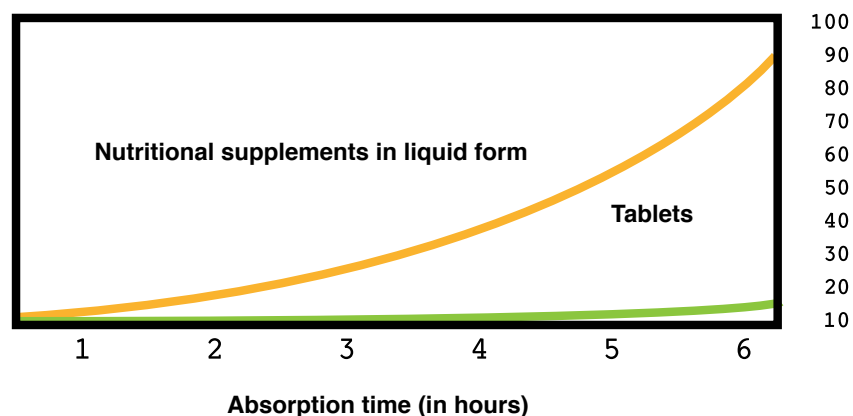


ECCOSUPP PRODUCTS

WHY IS IT IMPORTANT TO TAKE NUTRITIONAL SUPPLEMENTS IN LIQUID FORM?

- The manufacturing process of nutritional supplements in the form of pills or tablets involves the compaction of the substance's powders, while adding diluting, softening, coating substances and cohesive substances, that for the most part, will cause the supplement's breakdown process in the digestive system to slow down, and consequently, the absorption of the active substances becomes slower.
- Liquid nutritional substances on the other hand do not undergo processes of compaction, cohesion and coating, and therefore break down and get absorbed more quickly in the cells of the digestive system.
- Different studies show that the absorption rate of liquid supplements is approximately 98%. On the other hand, the absorption rates of supplements in tablets or pills is approximately 5%-18% only.

Absorption in %



Source: Physician's Desk Reference, page 1542

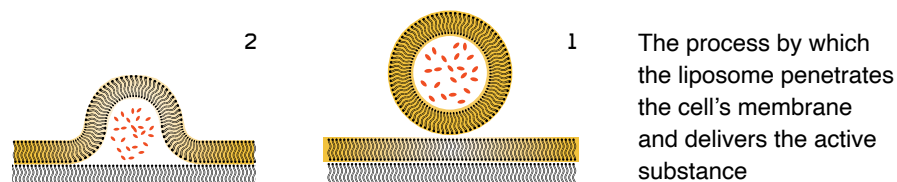
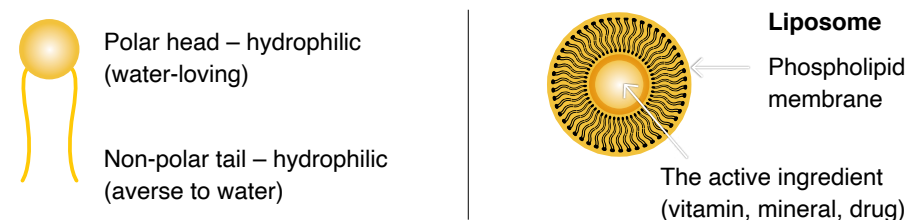
ON PHOSPHOLIPIDS AND THE LIPOSOMAL TECHNOLOGY

It has been a little more than 50 years since scientists discovered a process through which little vesicles called liposomes can function as a delivery system that carries drug components or nutritional supplements to the cells of the digestive system, where they efficiently meld in and get absorbed efficiently.

HOW DOES IT WORK?

Every cell in the body is enveloped by a membrane. The cell membrane is made up of a fatty substance called phospholipid, which forms a barrier that blocks substances from penetrating the cells and from leaking out of it, keeping the cell as an independent unit.

The liposome's membrane is also made of a phospholipid and its structure is identical to the membrane of the human cell. While the top part of the liposome is hydrophilic (water-loving), its tail is made of a fatty substance and is hydrophobic (averse to water), therefore, when phospholipids are inside a water solution, the hydrophobic tail draws away from the water quickly towards the center of the vesicle, while the hydrophilic head is drawn in the opposite directions - towards the water. Thus, in a water environment, the liposome forms its hollow spherical structure, making it a delivery system for drug components and supplements. When the liposome comes in contact with the cell, it easily penetrates its membrane thanks to the identical structure, and it unloads its contents - the active substance it carries inside.



LEAVING THE BUBBLE

The high bioavailability of the liposomal products is facilitated by the liposome's unique structure which helps the active substances to easily and quickly penetrate the epithelial cells in the intestines, where absorption takes place, and unload their contents inside them. From the intestinal cells, the contents of the liposome goes directly into the bloodstream and from there it is delivered to the tissues and organs.

The liposome's fast travel through the digestive system prevents the breakdown of the active substances in the digestive system and their elimination from the body. In addition, the double-layered membrane of the liposome provides them with effective protection, which is particularly necessary for active substances that are sensitive to oxidation. In other words, the natural coating that the liposomal membrane provides the gentle nutritional substances that it carries inside, increases their stability, prevents their breakdown in the stomach's acidic environment, and carries them safely through the entire digestive system until they are absorbed.

A MOLECULE WITH PLENTY OF POTENTIAL!

The liposome's unique structure holds another important advantage - it facilitates improves absorption and high bioavailability of many types of active substances: both water-soluble and oil-soluble (such as vitamin C, curcumin, magnesium, vitamin D, glutathione and so on).

The liposome's unique transport capability, directly into the target cells, has made the liposomal technology very popular, not only in the pharmaceutical industry, but also in the industry of nutritional supplements, and it is used in order to improve low bioavailability of supplements that are taken orally.

HOW DO WE KNOW THAT THE PRODUCT IS TRULY LIPOSOMAL?

Today, you can find nutritional supplements that present themselves as liposomal, but most are one step before the formation of the liposomes. Adding phospholipids to a supplement is not enough to form a liposome, because the most essential component for its formation is still missing: water!

NO WATER - NO LIPOSOME

A true liposomal formula will be present in liquid nutritional supplements that provide it with a water environment, vital to the immediate formation of those spherical fatty structures filled with the active substance.

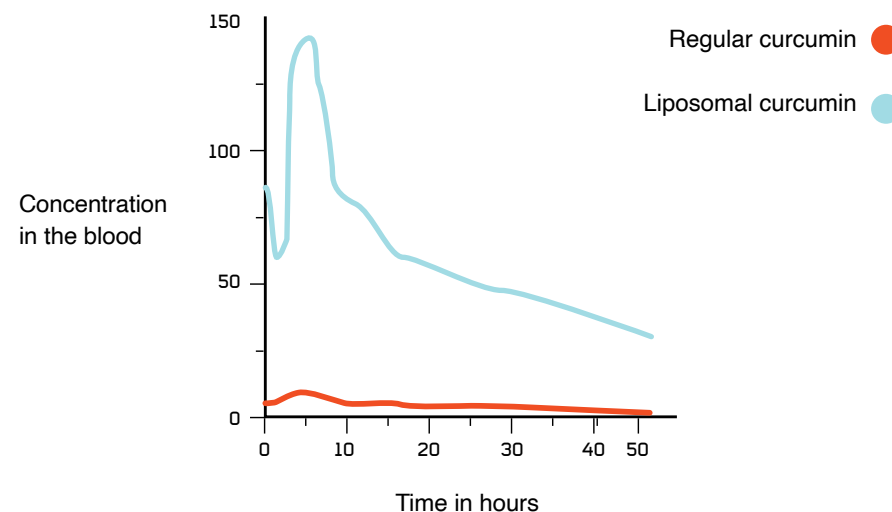
Products that are not in liquid formula (such as powders, capsules or tablets) do not provide the water environment that allows the liposomes' immediate formation.

In addition, it is always important to check the stability level of the liposomal structures in the supplement and the quality of the phospholipids that are used in order to create the liposome.

TO CONCLUDE, THE LIPOSOMAL TECHNOLOGY:

- Is based on phospholipids – natural substances like those that make up the membranes of the cells of the body.
- Increases the bioavailability of active substances owing to solubility and increased conductivity in water.
- Protects vitamins/minerals that are sensitive to breakdown and oxidation in the digestive system.
- Reduces undesired effects and side effects in the digestive system.

IN THE CHART – THE BIOAVAILABILITY OF REGULAR LIQUID CURCUMIN COMPARED TO LIPOSOMAL LIQUID CURCUMIN



Source: Bioavailability study of liposomal Curosome Curesupport

B12 MAX ACTIVE VITAMIN - THE IMPROVED FORMULA!

B12 vitamin Natural liquid of methylcobalamin combined with folate (natural folate natural folic acid)

ARE ALL B12 FORMS THE SAME?

The synthetic form is called cyanocobalamin, the natural form is called methylcobalamin. When the synthetic form (cyanocobalamin) is taken in the body, it is converted into the natural form (methylcobalamin). The problem is that some people cannot convert, and therefore B12 will not be absorbed. When a natural B12 in the form of methylcobalamin is taken, it will immediately be absorbed in the bloodstream, without the need for conversion and dissolution. In addition, with every intake of ACTIVE MAX B12 we contribute methyl groups to our body. Methyl groups are important for the preservation of DNA, Glutathione, encouraging healthy activity of brain cells, memory cells, mood and cognitive function. Vitamin B12 is the only form of methylcobalamin that is absorbed directly into the tissues without the need for further conversion.

COMBINED WITH FOLIC ACID

The combination of B12 MAX ACTIVE and folic acid is essential for many body processes. B12 contains 200 mcg of methyl folate: natural folic acid with high biological availability for maximum absorption.

KEY BENEFITS:

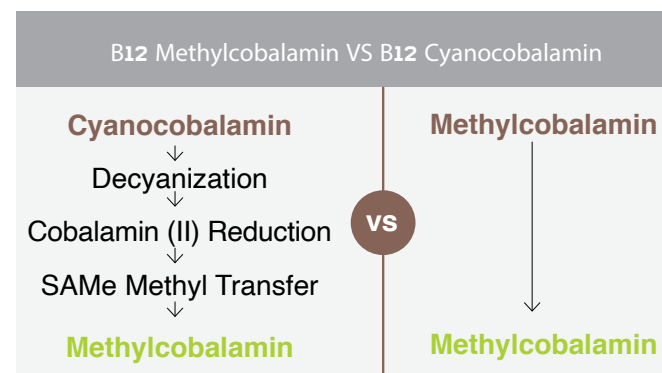
- Convenient and especially tasty!
- Comes in liquid form and high absorption
- Preservatives free, artificial sweeteners free, sugar free

INSTRUCTIONS FOR USE:

One click on the dropper or up to the top line.

(1 ml dropper = 20 drops) 1ml provides 1000 mcg of methylcobalamin and 200 mcg of methyl folate

Empty the liquid under the tongue and wait a few seconds before swallowing, to allow maximum absorption.



IRON MAX - LIQUID GENTLE IRON WITHOUT DIGESTIVE PROBLEMS

WHAT IS GENTLE IRON?

gentle Iron is an iron that is attached to the amino acid glycine (In ingredients: Bis-Glycinate) and does not cause gastrointestinal discomfort.

Absorption of this iron is 4 times higher than other iron forms.

Iron deficiency can cause hair loss, tiredness, weak nails and pale skin. Suitable for women, men, athletes, teenagers and children

IRON MAX BABY

Easy to digest iron for babies

IRON MAX BABY is a liquid iron supplement, designed especially for babies, that uses a registered patent by the Albion Corporation, which specializes in improving the body's ability to absorb iron, without discomfort or other common side effects to the digestive system.

Studies have shown that the level of absorption of bisglycinate iron is up to 4 times higher than other forms of iron.

Improved formula made especially for babies:

With the addition of apple and blueberry extracts as a natural source of anti-oxidants.

IRON MAX AND IRON MAX BABY

- KEY BENEFITS:

- Filling ferritin storage, hemoglobin and iron
- Helps in anemia conditions
- Suitable for women, men, athletes, youth and children or babies.
- Served with a dropper allowing for convenient and accurate administration
- Comes in its liquid form to increase absorption
- preservatives-free, artificial sweeteners-free, sugar-free

IRON MAX - INSTRUCTION FOR USE

One drizzle Dropper (about 20 drops) 1 ml provides 15 mg iron, twice a day after eating.

It is recommended to pour the liquid directly into the throat and swallow

or dilute in a glass of water/juice and drink with a straw.

IRON MAX BABY –INSTRUCTIONS FOR USE:

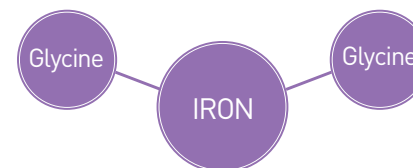
Ages 4 – 6 months:

0.5 ml (10 drops = 7.5 mg bisglycinate iron) once per day, after or during a meal.

From the beginning of the 7th month:

1 ml (20 drops = 15 mg of bisglycinate iron) once per day, after or during a meal.

It is recommended to drop the iron onto a spoon and feed it directly into the baby's mouth, or, to mix it with baby formula or fruit/vegetable juice.



VITAMIN B COMPLEX- B COMPLETE

The B-COMPLETE formula is composed of the highest quality B vitamins group, which work synergistically together and participate in dozens of physiological processes in the body.

gentle Iron is an iron that is attached to the amino acid glycine (In ingredients: Bis-Glycinate) and does not
or dilute in a glass of water/juice and drink with a straw.

KEY BENEFITS:

- B vitamins improve concentration and improve learning and memory processes
- Helps with stress and stressful situations
- For those suffering from fatigue - helps to create energy
- Improves gastrointestinal activity
- Essential for skin and hair health
- Liquid formula does not disassemble in the digestive tract and ensures maximum absorption in blood circulation

INSTRUCTIONS FOR USE:

One teaspoon (5 ml) mixed in a glass of juice or water



BIO-FOLATE: NATURAL FOLIC ACID

WHAT IS NATURAL FOLIC ACID?

There is a great difference between the natural folic acid found in foods (FOLATE) compared with the synthetic folic acid which does not exist in nature, but in the production of drugs and nutritional supplements.

BIOFOLATE - Ecosup's natural folic acid is a folic acid that is bonded to a methyl group, which means that it is the active form of the vitamin and is absorbed into the body immediately. A large amount of folic acid that does not break down causes damage to the body's cells and encourages the formation of malignant cells in an unknown process.

INSTRUCTIONS FOR USE:

Fill the dropper to the top line, pour directly into the mouth and swallow.

1 dropper, 1 ml, provides 400 mcg methyl folate.

Key Benefits:

Folic acid is important for women of all reproductive years

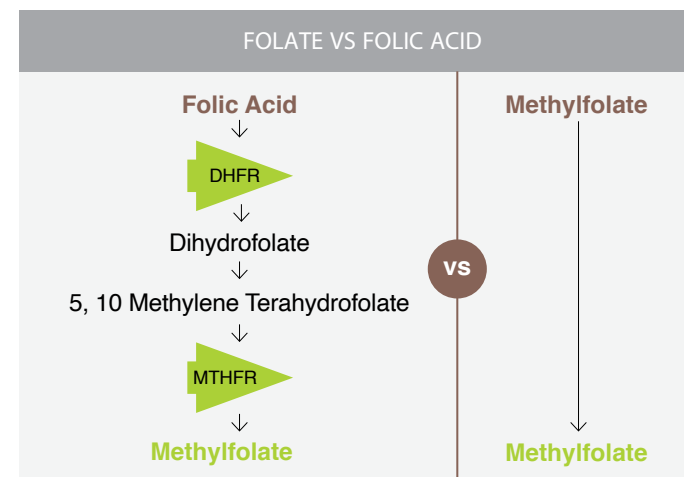
The product comes in liquid form for maximum absorption

Natural ingredients only

Sugar free, artificial sweeteners free

No preservatives

Great natural Raspberry flavor!



LIPOSOMAL VITAMIN D3

Vitamin D3 with high biological availability is produced by liposomal technology, which increases the vitamin's absorption in the body.

In a unique and innovative process, each vitamin D molecule is coated with a special coating called phospholipids, which are the building blocks of each cell in our body. At the end of this process, a circular fatty molecule called liposome is obtained. This coating helps the vitamin molecule penetrate into the cell where the vitamin breaks down best. This process significantly increases the dissolution capability, absorption capacity and bioavailability, compared with any other vitamin D.

KEY BENEFITS:

- Vitamin D3 improves absorption of calcium and phosphorus in the body
- Suitable for people with absorption problems and has a particularly high absorption capacity
- The only one in Israel from plant origin! Vegan friendly
- Does not contain animal components
- Helps in conditions of osteoporosis and strengthens bones
- Suitable for pregnant women, growing children and youth
- Refreshing natural lemon lime flavored



LIPOSOMAL VITAMIN C

Liposomal vitamin C is made using innovative, groundbreaking technology to coat the vitamin in phospholipids. These are the building blocks of the cell membrane membrane in our bodies.

Phospholipids form globular structures called liposomes, because of the similarity of the liposome to the human cell membrane - it can penetrate it, connect to the cell and be absorbed with maximum ease. Liposomal technology has been shown to be effective in dozens of studies, ensuring the highest absorption of vitamin C, up to 5 times higher than vitamin C in tablets, powders or pills.

INSTRUCTIONS FOR USE:

5 ml in the measuring cup attached (or teaspoon) on a daily basis, can be diluted with water.

Each 5 ml contains 500 mg of vitamin C.

KEY BENEFITS:

- Vitamin C is one of the strongest antioxidants in the body
- Strengthens the immune system
- Helps in infections and inflammations and accelerates healing of infections and wounds
- Supports collagen production and is important for skin health
- Neutralizes free radical activity



LIPOSOMAL OMEGA-3

Omega-3 is a general name for several essential fatty acids. They are called “essential” since the body does not know how to produce them by itself and therefore it is essential for the body to receive an adequate and regular supply of these acids through food or through nutritional supplements.

In the past, the prevalent theory was that fish oil was the only source for the two omega-3 fatty acids called DHA and EPA. However, in recent years it has been discovered that the source of these two fatty acids is the seaweed that fish eat, from which they receive a regular supply of DHA and EPA.

EPA is the origin of various hormones that activate and regulate many bodily systems, and DHA plays an important role in normal neural development. The recommendations of the American Food and Drug Administration are to consume a minimum of 250 mg DHA a day, in particular during pregnancy and lactation.

Important information! The omega-3 fatty acids are highly sensitive and are easily oxidized through exposure to light and heat.

LIPOSOMAL OMEGA-3 BY ECOSUPP – KEY ADVANTAGES

- Produced from microscopic seaweeds (Schyzochytrium) that are cultivated in designated cultivation farms, in a controlled and toxin free environment.
- Contains the EPA and DHA fatty acids in their natural and bioavailable form.
- Liposomal liquid formulation - for high absorption and ease of use.
- Manufactured in a controlled cold press process, to prevent oxidation processes.
- Does not contain any animal products and is suitable for vegetarians and vegans.

INSTRUCTION FOR USE:

- One teaspoon (5 ml in the enclosed measuring cup), once daily. You can mix with water and drink.
- 5 ml = 100 mg EPA and 200 mg DHA



LIPO TURMERIC

Extraction of the whole turmeric root through PNS technology and liposomal technology to increase absorption.

LIPO TURMERIC is a breakthrough in the science of curcumin. It is based on the unique PNC technology that yields **high concentration curcumin (50%) within the natural ingredients complex in the turmeric root**, in order to augment the bioavailability of the curcumin ingredients, up to 10 times more compared to regular curcumin* as tested in a clinical study.

ON PNS TECHNOLOGY

The integration of the curcumin in the whole texture of the turmeric ingredients is accomplished by PNS (Polar-Nonpolar Sandwich)** technology. This is a one of a kind novel technology that allows for both the natural molecular binding between the curcumin and the water- and oil-soluble ingredients in the turmeric root (which have many studied nutritional and health benefits) and optimal absorption and particularly high bioavailability of the curcumin.

3 groups of oil- and water-soluble ingredients were integrated into a complete tapestry accomplished through the PNS technology, to improve solubility and to augment the curcumin's absorption.

- Curcumin and other curcuminoids (oil-soluble)
- Curcumin volatile oil (oil-soluble)
- Polysaccharides, fibers, unique proteins (water-soluble)

LIPO TURMERIC BY ECOSUPP – KEY ADVANTAGES

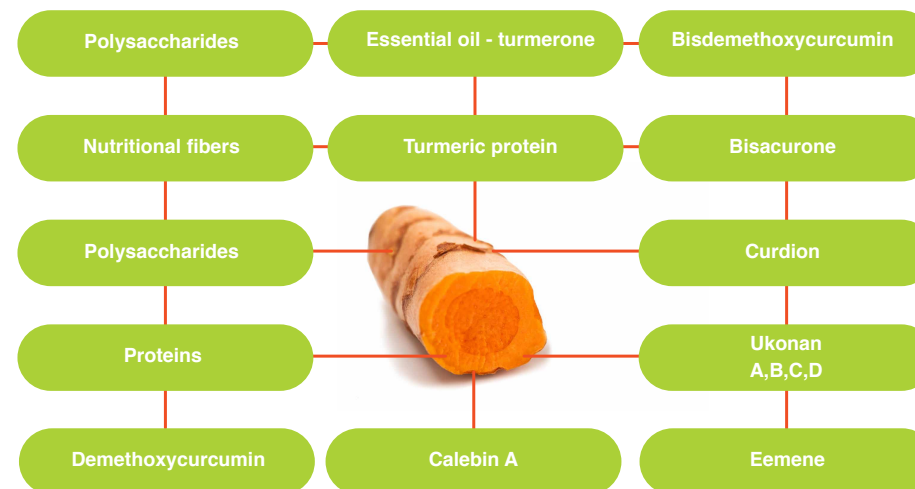
- Based on a whole extract that contains the complete tapestry of ingredients that make up the turmeric root.
- Liquid and liposomal, exceptionally high absorption.
- Contains a high portion of curcumin.
- Long life cycle and stable in the tissues and bloodstream.
- The whole extract of the turmeric root is extracted using a natural traditional method not using synthetic solvents.
- Piperine-free.

*Standard curcumin extract 95%

**Pending global patent no. CHE/2013/3646

HIGH CONCENTRATION CURCUMIN IN THE NATURAL INGREDIENTS COMPLEX OF THE TURMERIC ROOT

40%-50% curcuminoids and in addition



The turmeric complex provides 100% natural ingredients extracted from the turmeric root in addition to unprecedented bioavailability.

INSTRUCTION FOR USE:

One teaspoon (5 ml in the enclosed measuring cup), once daily. You can mix with water and drink. 5 ml = 250 mg turmeric root extract.

Preparation of a novel bioavailable curcuminoid formulation 2017. Mater Sci Eng C Mater Biol Appl 2017 Jun 15;75:359-367.



LIPO MAG - LIPOSOMAL MAGNESIUM GLYCINATE

Magnesium is considered the mineral of life.

This is an essential mineral that is vital to the function of all the cells of the body and it is of the utmost importance to the normal function of different bodily systems, such as the cardiovascular system, the musculoskeletal system, it is involved in energy production and metabolism processes, it is important in order to maintain a normal electrolyte balance, it facilitates muscle relaxation, for maintaining balanced glucose levels and more.

Nowadays, reports from western countries indicate a general decrease in the intake of magnesium through nutrition due to the substantial increase in the consumption of processed food. In the elderly, the body's magnesium levels go down because of the natural decrease in the body's ability to absorb it in the intestines, to which is added the fact that certain diseases and drugs also reduce the levels of magnesium in the body.

Ongoing stress situations also cause magnesium loss, and in Israel, exposure to heat causes increased loss of the important mineral through sweat - these two factors can have critical implications, especially for athletes who are exposed to physical stress and increased sweating in training.

LIPO MAG by EcoSupp is a liquid magnesium supplement, using a registered original patent by Albion (TRACCS) technology, intended to increase the absorption of magnesium in the body without triggering side effects in the digestive system.

It is an organic compound of magnesium with the glycine amino acid, hence its name – magnesium glycinate.

The unique molecular structure of this compound circumvents the typical limitations of mineral absorption in the digestive system.

The bioavailability of magnesium glycinate is over 80% and it is considered the most quality magnesium in the world.

A novel liposomal technological is added to the unique biological absorption mechanism of LIPO MAG, which protects the magnesium from acidity and from being destroyed in the stomach, facilitating its maximal absorption in the cells.

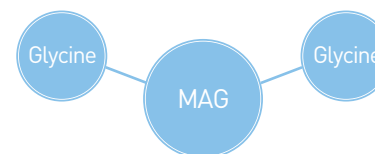
LIPO MAG BY ECOSUPP – KEY ADVANTAGES

- Liposomal technology magnesium bisglycinate - for particularly high absorption.
- Manufactured through the global Albion's TRACCS method - a unique patent for improving mineral absorption.
- Natural flavor. Does not contain any flavoring and sweeteners.
- Liposome coated to maintain the quality of the raw material.
- Liposomal magnesium glycinate is very easy on digestion, so it does not cause digestive side effects, typical to magnesium intake.

INSTRUCTION FOR USE:

Two teaspoons (or 10 ml in the enclosed measuring cup), once daily. You can mix with water and drink.

10 ml = 1,200 mg magnesium



L-GLUTAMINE POWDER

L-Glutamine is an amino acid that is needed for the normal function of many physiological processes that take place in our body. This is a semi-essential amino acid, which means that the body can produce it itself, but when the body's demand for glutamine rises, for instance during intensive physical activity, or when there is a persistent injury to mucosal membranes - the rate of its utilization exceeds its production rate, and therefore it is recommended to increase its intake. Moreover, studies show that conditions that bring about the exhaustion of glutamine levels are older age (65 and up) and also physical and mental stress.

Glutamine comprises about 60% of the protein in the muscles and it serves as the base substance for the production of proteins in the body and nucleic acids that make up the DNA and as an important component of the mucosal membranes (such as the lining of the digestive system). It protects the muscles from increased breakdown processes, helps recover from high intensity workouts and more.

For this reason, many people who engage in sports regularly consume glutamine as a supplement. Glutamine is an amino acid which is important for the normal function of the immune system, since it constitutes an important source of energy to different immune cells and it assists in the production of components that serve the immune system, such as the glutathione antioxidant.

Studies suggest that glutamine deficiency may manifest as muscle atrophy, fatigue, sweet tooth, difficulty recovering from high intensity physical activity, bad mood and even non-optimal immune function.

L-GLUTAMINE BY ECOSUPP – KEY ADVANTAGES

- Quality pure glutamine powder – no preservatives, emulsifiers, stabilizing agents, food coloring and so on.
- Neutral – no added flavoring or fragrance.
- Herbal source – suitable for vegetarians and vegans.
- One package lasts two months (60 servings).
- Kosher under the supervision of Hatam Sofer Bnei Brak.

INSTRUCTION FOR USE:

1 teaspoon (5 grams powder) = 300 mg L-Glutamine.

Dissolve in a beverage and drink, once daily.

