

TECHNICAL DATA SHEET



GENERAL DESCRIPTION:

AminoCharge is a new and very different protein support product. It's different because it utilizes a new technology for improving protein utilization. This new technology, called "protonic," goes beyond the simple "enzyme-infused" technology some products use to gain the distinction of being "predigested." Protonic is enzyme-infused and "sequentially pre-activated," which means the various amino acid peptides are more utilizable by the body at the cellular level. This difference in utilization can be amazing. AminoCharge is formulated to work with AminoRegulator as a two-formula product. AminoRegulator is a specific formula, which results in more of the amino acids being absorbed and utilized.²

THE PROTONIC TECHNOLOGY:

Protonic technology is the latest advancement in protein utilization. Via a proprietary blend of "activator and regulator" ingredients, this new

technology provides a unique method of delivering more usable amino acids into the blood, and therefore, to the cells. Protonic technology is so unique that Life Force has applied for a patent, which is currently in a "Patent Pending" status as of August 9, 2001. AminoCharge is the only Patent Pending Activated and Stabilized Amino Acid Protein Complex.

INGREDIENTS:

AminoCharge is a proprietary blend of four protein sources: whey (both concentrate and isolate), soy isolate, rice concentrate, and pea isolate. The "amino acid profile" from this formula gives AminoCharge a high biological value, which means that less can be used compared to lower quality blends.³ AminoCharge has all 10 "essential amino acids." When these 10 essentials are included, the body can use them to build any other amino acids needed by the body.

AminoRegulator is a blend of 5 nutritional "modulating" ingredients (pyridoxyl-5-phosphate, phosphalidyl-serine, 5-HTP, vitamin C, and folic acid) in a base of glycerin.

BENEFITS:

Active amino acids deliver many benefits, as they are involved in virtually all of the major health-enhancing activities of the body. Amino acids are vital for building immunoglobulins (immune system)^{5,9}, red blood cells (oxygenation), muscles (movement and fat burning)^{7,16}, enzymes (digestion), metabolism (energy), etc. Amino acids help to rebuild over 300 billion cells every day for the average person.^{4,6,8,10,11,12,13,14,15,17,18,19}

NUTRITIONAL FACTS:

Serving size = 2 level scoops (provided), 16 servings per container. Each serving provides 100 calories (5 from fat), 17 grams of protein, 6 grams of carbohydrates, .5 gram of fat, and < 1 gram of fiber.

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SUGGESTED USE:

Mix 2 level scoops in 6 oz of liquid. After mixing, add 3/4 teaspoon (4 droppers full) of AminoRegulator, and mix again. Consume soon after mixing.

CAUTION:

Since AminoCharge is a source of protein, which means it's a food, it is safe to use by anyone. However, it is always advisable for pregnant or lactating women to consult their health care professional before using any new product.

SHELF LIFE & STORAGE:

AminoCharge can be stored at room temperature, even after opening. Shelf life for unopened containers is three years. Opened containers should be used within three months.

NUTRITIONAL INFORMATION:

Serving Size: 2 Scoops (26 g)

Servings per Container: 16

Calories: 100	Amount per Serving	% DV
Calcium	150 mg	15 %
Total Fat	0.5	1 %
Iron	1 mg	6 %
Cholesterol	10 mg	3 %
Vitamin A	–	0 %
Sodium	120 mg	5 %
Vitamin C	48 mg	80 %
Total Carbohydrates	6 g	2 %
Dietary Fiber	<1 g	3 %
Sugar (from complex carbohydrates)	1g	**
Protein	17 g	34 %

**DV not established

PRODUCT SPECIFICATIONS

PRODUCT NUMBER	LF900
DESCRIPTION	15 servings
QUANTITY	14.67 oz/416 g

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AMINO ACID PROFILE:

Amino acid amounts, in grams, per 100 grams of product. Scientific or clinical supportive data indicates the following potential health benefits:

Alanine* 4.6 An important source of energy for muscle tissue, the brain, and central nervous system; strengthens the immune system by supporting production of antibodies and helps in metabolism of sugars & organic acids.

Arginine 5.7 Strengthens immune response against bacteria, viruses and tumor cells (supported by clinical studies); promotes wound healing and regeneration of the liver; involved in release of growth hormones; considered as an essential element for optimal muscle growth and tissue repair.

Aspartic Acid 10.6 Aids in processing and elimination of harmful ammonia from the body; increases endurance.

Cysteine 1.4 Provides antioxidant protection against free radicals, radiation and pollution; neutralizes toxins; aids protein synthesis; is necessary for formation of skin; and comprises 10 - 14 % of hair and nails total make up.

Glutamic Acid 16.6 Nourishes and improves brain function and has been referred to as 'Nature's Brain Food' ; speeds up the healing of ulcers; provides a lift when fatigued; assists in the controlling of alcoholism, schizophrenia and the craving of sugar. Stimulates a key neurotransmitter which aids in weight loss.

Glycine 7.9 Strengthens immune system by assisting in the manufacturing of essential hormones; enhances energy levels by assisting oxygenation processes.

Histidine* 2.0 Is abundant in hemoglobin; successfully utilized in the treatment of rheumatoid arthritis, allergic diseases, ulcers, and anemia; helps prevent poor hearing.

Isoleucine* 5.0 Helps stimulate anabolic (building up) function in the body; prevents muscle wasting; promotes tissue repair after trauma or surgery; can be converted into sugar in the liver to help maintain proper blood glucose levels; and can assist in maintaining adequate energy levels.

Leucine* 8.8 Assists the body to counter adverse affects from stress, infection, starvation, or recovery from trauma, by being a source for gluconeogenesis (the synthesis of blood sugar in the liver) which aids in the healing process; prevention of protein wasting; and stimulating upper brain producing more alertness.

Lysine* 6.8 Essential in the formation of collagen (the primary ingredient of cartilage and connective tissue); assists in insuring the adequate absorption of calcium; assists in the production of antibodies, hormones and enzymes; may assist in reducing viral growth; helps prevent tiredness, irritability, bloodshot eyes, hair loss, anemia and reproductive problems; and enhances ability to concentrate.

Methionine* 1.6 Is a primary provider of sulfur which prevents disorders of the hair, skin and nails; assists in lowering cholesterol levels by increasing the liver's production of lecithin; helps regulate liver fat; protects the kidneys, promotes hair growth by influencing hair follicles; regulates the formation of ammonias as well as the production of ammonia free urine which reduces bladder irritation.

Phenylalanine* 4.3 Helps to improve memory; reduces hunger; exhibits antidepressant actions; helps keep you awake and alert; and is utilized by the brain to produce norepinephrine which is a chemical that provides for the effective transmission of signals between nerve cells and the brain.

Proline 5.2 Is a vital element for the proper functioning of joints and tendons as well as strengthens the heart muscles.

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Serine 5.0 Helps strengthen immune system by enhancing antibody production; is utilized as a storage source of glucose by the liver and muscles; and supports nerve tissues by synthesizing fatty acid sheath around them.

Threonine* 4.9 Helps to prevent fat build-up in the liver; assists digestive system and assimilation processes; and is an integral constituent of collagen, elastin, and enamel protein.

Tryptophan* 1.4 Is a natural relaxant that helps alleviate insomnia by inducing normal sleep; reduces anxiety and depression; supports immune system function; assists with treatments for migraine headaches; helps reduce risk of artery and heart spasms; and works with lysine in reducing cholesterol levels.

Tyrosine 3.3 Assists in transmitting nerve impulses to the brain; helps to relieve depression; improves memory; supports healthy functioning of the thyroid, adrenal and pituitary glands; and increases mental alertness.

Valine* 4.9 Helps to promote calm emotions, muscle coordination and mental vitality.

* The 10 "essential" amino acids. These 10 essentials must be present in the same meal, to allow for complete cellular rebuilding.

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