

## PRODUCT DATA SHEET



### General Description:

Life Force International's AminoCharge combined with Amino Regulator is engineered to provide protein support. It's unique because it utilizes a new technology for improving protein (amino acid) 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 results in the various amino acid peptides being more efficiently utilized by the body at the cellular level.<sup>1,2</sup>

Even though AminoCharge represents the very latest in protein utilization technology, one of its most complementary features is that it tastes great, even when only mixed with water!

*Note:* AminoCharge and AminoRegulator are sold together as a two-formula product and are not available separately. Even if AminoCharge is mentioned alone, always assume it includes AminoRegulator, which is part of our "Protonic technology."

### 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. Life Force has a patent pending on its unique Protonic technology.

The "amino acid profile" of AminoCharge has a high biological value, which means that a smaller serving can be used compared to lesser quality blends.<sup>3</sup> When all 10 essential amino acids are included in sufficient amounts, as in AminoCharge, the body can use them to build the other amino acids needed by the body.

### AminoCharge Ingredients:

AminoCharge contains a proprietary blend of 4 protein sources; whey isolate concentrate (a milk derivative), soy isolate, rice concentrate, and pea isolate. It also contains our exclusive Protonic Activator Blend \* (Glycine, Ascorbic Acid, Betain Hydrochloride, Pepsin, Lemon Powder, Papaya, Bromelain, Trypsin, Protease, Chymotrypsin, Glutamic Acid).

### PRODUCT SPECIFICATIONS

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



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### Other Ingredients:

Natural Flavors, Tricalcium Phosphate, Xanthan Gum, Lecithin, and Stevia Extract (Leaf). \* Part of the patent-pending Protonic technology, which is exclusive to Life Force International.

### AminoRegulator Ingredients:

AminoRegulator contains our Protonic Regulator Blend\* of Glycerin, Pyridoxal-5-Phosphate (Vitamin B6), 5-HTP (5-Hydroxytryptophan), Vitamin C (Ascorbic Acid), Riboflavin, and Folic Acid. \* Part of the patent-pending Protonic technology.

### Additional Educational Information for the Ingredients:

Amino Acid Profile of AminoCharge: Amino acid amounts shown are in grams, per 100 grams of protein. The ten shown with an (\*) are considered “essential amino acids,” which must be present at the same meal to be able to build other amino acids and proteins. 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.

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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.
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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### Potential Benefits From Ingredients That:

- Support healthy weight-loss and weight-management.<sup>4</sup>
- Are a vital aspect of fitness training.<sup>5,6</sup>
- Improve all of the major health-enhancing activities of the body.
- Help to build immunoglobulins (immune system).<sup>7</sup>
- Assist in building healthy red blood cells (oxygenation),<sup>8</sup>
- Are the building blocks of all muscles (movement and fat burning),<sup>9,10</sup>
- Are a key to building enzymes (digestion),<sup>11</sup>
- Are instrumental in metabolism (energy), etc.<sup>12</sup>
- Contain amino acids which help to rebuild billions of cells daily for the average person.

### Supplement Facts:

Serving size = 2 level scoops (scoop provided), 26 grams. Servings per container = 16.

Each serving provides 100 calories (5 from fat), 17 grams of protein, 6 grams of carbohydrates, 0.5 gram of fat, and <1 gram of fiber.

### Suggested Use:

Contents may settle during shipping. Gently shake container before each use for more accurate measuring.

*Stand Alone Use:* Mix 2 level scoops in 6 oz of water or of your choice of liquid. After thoroughly mixing, add ½ teaspoon (2 droppers-full\*) of AminoRegulator, and mix again. Consume immediately after mixing.

\*Denotes: A dropper-full is one full squeeze of the rubber bulb.

*As Part of the TrimWise Health Solution:* AminoCharge (with AminoRegulator) is an integral part of our TrimWise Health Solution, which also includes TrueGreens and DreamAway. Please follow the TrimWise instructions for AminoCharge use when taken as part of this program.

*As Part of the Cornerstones of Good Health:* AminoCharge (with AminoRegulator) is an integral part of our Cornerstones Of Good Health, which also includes OsteoProCare, Body Balance and TrueGreens. Please follow the Cornerstones instructions for AminoCharge use when taken as part of this program.

### Servings:

AminoCharge is packaged in a 14.67-oz container, which yields 16 servings. When using 1 serving per day, this container is a 16-day supply. The AminoRegulator is packaged in a 2-oz bottle, which also yields 16 servings.

### Caution:

Keep out of reach of children.

AminoCharge is a source of protein, which means it is a food supplement. However, it is always advisable for pregnant or lactating women to consult their health care professional prior to using any new product.

### Shelf Life & Storage:

*AminoCharge* – Once opened, AminoCharge has a shelf life of 3 months. stored at room temperature. Due to the active Protonic ingredients, AminoCharge should be refrigerated after opening. If unopened, it has a shelf life of 2 years



*AminoRegulator* – Once opened, AminoRegulator has a shelf life of 6 months. Unopened, it has a shelf life of 2 years. AminoRegulator can be stored at room temperature, opened or unopened.

\*These statements have not been evaluated by the Food and Drug Administration. The product not intended to diagnose, treat, cure or prevent any disease.

### References:

This specific product or products have not been tested for any of the potential benefits listed herein. The following references apply to studies and/or research conducted with certain ingredients, or combinations of ingredients, used in formulating this product. Such ingredients may not be from the same source or processed in the same way as the ingredients used in this product.

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### **Additional References:**

These are provided for those who want to further research the ingredients, and their potential benefits.

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