



Montiff: GLUCA-BALANCE: NDC#65883-050-14

MONTIFF'S GLUCA-BALANCE, 710mg

A powerful blend of 16 of the highest L-Crystalline amino acids: L-Lysine, Glycine, L-Leucine, L-Methionine, L-Arginine Base, L-Phenylalanine, L-Valine, L-Isoleucine, L-Histidine Base, L-Glutamine, L-Threonine, L-Tyrosine, L-Tryptophan, Taurine, L-Glutamine-alpha-Ketoglutarate, L-Arginine-alpha-ketoglutarate.

DIRECTIONS

Take 1-2 Capsules mid-morning and mid-afternoon with water or fruit juice or as directed by a healthcare professional. For faster absorption, the capsule contents can be taken sublingually. For mental fatigue or alcohol management, take in conjunction with 1-2 PURE L-GLUTAMINE capsules twice daily or as recommended by a healthcare professional. Do not take with hot fluids or milk.

RECOMMENDED FOR:

- Individuals with hypoglycemia.
- Stabilizing low blood glucose levels and helping to eliminate mid morning and mid afternoon fatigue.
- Aids in mental alertness and memory function.
- May be helpful in alcoholic management in conjunction with additional L-Glutamine.
- Helping to eliminate the craving for sweets.
- For those whose plasma or urine profiles indicate an imbalance of these amino acids.

WHAT ARE GLYCOGENIC AMINO ACIDS?

These are the amino acids that can be converted by the body into glucose to produce energy. The brain requires 125-150g or 75% of the available glucose in the body, for its energy source, to maintain normal brain metabolism. While many amino acids can be converted into glucose, Alanine and Glutamine are the primary glycogenic amino acids. Because amino acids are converted into glucose at different rates, a mixture of glycogenic amino acids permits the blood glucose levels to maintain over a longer period of time. Gluconeogenesis is the process of converting amino acids, lactate and glycerol into glucose for the brain. Mainly this occurs in the liver, although some gluconeogenesis also takes place in the kidneys.

MONTIFF'S COMMITMENT TO QUALITY AND EXCELLENCE

Montiff Products are proudly manufactured in a GMP/NSF certified facility in the USA.

Each batch of our raw material undergoes extensive testing in order to ensure premium quality professional grade amino acids.

OUR EXPERTISE

President and Founder Don Tyson was the first person to introduce oral amino acid application to the United States.

Our employees have over 80 years of combined experience in the amino acid field.

Take comfort in knowing that when purchasing Montiff products, you are purchasing from the best.

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

WHAT IS HYPOGLYCEMIA?

This is a biochemical condition in which individuals have been known to have low plasma glucose levels of only 50 mg./dl. Hypoglycemics, who are sensitive to carbohydrates, generally exhibit symptoms such as lethargy, hunger, tachycardia and sweating, 2-5 hours after a meal. Severe and chronic hypoglycemics may experience headaches, blurred vision, confusion and emotional or bizarre behavior. Since hypoglycemics have low blood sugar levels, **Gluca-Balance** glycogenic amino acid formula is recommended to help increase and regulate their blood glucose levels.

SOME BENEFITS OF MONTIFF'S GLUCA-BALANCE ARE:

Nineteen of the 20 amino acids utilized in the body are glycogenic, with some being more so than others. **GLUCA-BALANCE** provides a proper balance of the necessary amino acids to stimulate glycogenolysis, gluconeogenesis and help support the liver, brain and musculature.

L-ALANINE: The primary glycogenic and glucogenic amino acid in the body. The liver has an enormous ability to utilize alanine for gluconeogenesis.

L-GLUTAMINE: An important glycogenic amino acid and the most abundant amino acid in the blood. It is necessary for many functions, including the primary precursor to glutamate, one of two main excitatory neurotransmitters in the brain. It diminishes the craving for alcohol and sweets, since it has an effect on the appetite center in the brain. Glutamine also supplies energy to the small intestines and is important for a proper immune system.

GLYCINE: A glycogenic amino acid, important for blood formation as well as being one of the main inhibitory neurotransmitters in the brain.

L-LYSINE: A glycogenic, and ketogenic essential amino acid which is also essential for the urea cycle, cholesterol metabolism, may help suppress the herpes and other viruses, and is a precursor to carnitine.

L-LEUCINE, L- ISOLEUCINE AND L-VALINE: are branched chain amino acids to meet musculature needs as well as for the liver and brain.

L-TYROSINE AND L-PHENYLALANINE: support proper neurotransmitter activity, and the adrenal glands when under stress.

L-METHIONINE: prevents deposits and cohesion of fats in the liver due to lipotropic factors, and assists in proper gallbladder function. It also has powerful antioxidant properties, and is necessary to provide proper amino acid balance.

L-PROLINE: is major amino acid found in cartilage and is important for maintaining youthful skin as well as repair of muscle, connective tissue and skin damage. It is also essential for the immune system, and for necessary balance of this formula.

To order go to: www.synergisticuniverse.com - or call 894-895-6250 - or email support@sygn44.com. To speak with someone live call between the hours of 10am and 4pm EST, M-F - Smiles and happiness to you!

L-ARGININE HCL: for immune function and cardio-vascular properties, and proper amino acid balance.

L-THREONINE: increases brain glycine and acts as a lipotropic factor.

ORNITHINE- α -KETOGLUTARATE: a powerful compound and precursor for Arginine, Glutamine, Proline and Alpha-Ketoglutarate. It has a potent effect on secretory cells and has an effect on hormones such as insulin and human growth hormone. It stimulates immune cells and actions of Hepatocyte DNA, and is important for protein synthesis. Ornithine- α -Ketoglutarate is also significant for promoting healing in surgical, trauma and leg ulcer patients.

L-ALANYL-L-GLUTAMINE: a Di-Peptide which slowly breaks down, splitting in the gastrointestinal tract, helping to stabilize blood sugar levels, and helping to prevent the breakdown of musculature under stress.

L-GLYCYL-L-GLUTAMINE: a Di-Peptide, also slowly breaks down in the GI tract, helping to provide the necessary glucose for the liver and musculature.

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4. Fischer KF et al, "Hypoglycemia in Hospitalized Patients", NEJM, 1986.
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