

# AMINOSOFT®

## Drops Liquid Capsule

(Amino Acids with Multivitamins)

### All Essential Amino Acids

- ❖ Helps prevent the accumulation of fats in the Liver & Arteries.
- ❖ Helps in digestion and assist in metabolism
- ❖ Accelerates physical and mental growth
- ❖ Strengthens body immune system
- ❖ Hastens recovery from sickness
- ❖ Alleviate insomnia and induces normal sleep
- ❖ Stimulate Hair Growth
- ❖ Prevents recurrent infections

## The Spring to a **Healthy** Life

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(Amino Acids with Multivitamins)

### Composition

Each 15ml contains:

L-Histidine HCL Monohydrate	BP 3.71mg
L- Arginine HCL	USP 13.28mg
L- Isoleucine	USP 5.9mg

L- Lysine HCL	USP 25.0mg
L- Leucine HCL	USP 18.3mg
L- Methionine	USP 9.2 mg
L- Phenylalanine	USP 5.0 mg
L- Threonine	USP 4.2 mg
L- Tryptophan	USP 5.0 mg
L- Valine	USP 6.7 mg
Vitamin A Palmitate	BP 2500 IU
Colecalciferol	BP 200 IU
Vitamin E acetate	BP 7.5 IU
Thiamine HCL	BP 5.0 mg
Riboflavin Sodium Phosphate	BP 3.0 mg
Nicotinamide	BP 25.0 mg
Calcium Pantothenate	BP 5.0 mg
Pyridoxine HCL	BP 1.5 mg
Cyanocobalamin	BP 2.5 mg
Ascorbic acid	BP 40 mg
Folic acid	BP 0.75 mg

**Indications:**

AMINOSOFT liquid are indicate for patients with deficiencies of or increased requirements of Amino acids and vitamins including

1. Malnutrition, protein and vitamins deficiencies.
2. Fatigue, convalescence debility, alcoholism, restoration, & maintenance of body resistance.
3. Pregnancy & Lactation
4. As an adjunct in the therapy with antibiotics, ant-TB drugs, peptic ulceration or following injury.

### Clinical pharmacology:

**Amino acids:** Amino acids provides a mixture of essential and nonessential acids with high concentrations of the branched chain amino acids isoleucine, leucine and valine, and low concentration of methionine and the aromatic amino acids phenylalanine and tryptophan. This amino acid composition has therapy of patients with live disease who have hepatic encephalopathy.

Clinical studies in patients with hepatic encephalopathy showed that infusion of Amino acids reversed the abnormal plasma amino acid pattern characterized by decreased levels of branched chain amino acids and elevated levels of aromatic acids and methionine. The trend towards normalization of these amino acid was generally associated with an improvement in mental status and EEG patterns. This clinical response was observed in the majority of patient's studies. Nitrogen balance was significantly improved and mortality reduced in these typically protein-intolerant patients who received substantial amounts of protein equivalent as Hepatamine.

**Vitamins:** Vitamins have diverse biochemical functions, including function as hormones, antioxidants, and mediators of cell signaling and regulators of cell and tissue growth and differentiation. The largest number of vitamins (e.g. B complex vitamins) functions as precursors for enzyme cofactor bio-molecules (co enzymes), that help act as catalysts and substrates in metabolism. When acting as part of a catalyst, vitamins are bound to enzymes and are called prosthetic groups. For example, folic acid carries various forms of carbon group- methyl, formyl and methylene- in the cell. Although these roles in assisting enzyme reactions are vitamins best-known function, the other vitamin functions are equally important.

## **Warnings**

Some multivitamins and Amino acids may affect other medical conditions or treatments. Do not start taking a vitamin or Amino acids without first talking to your doctor if you have any health problems or conditions, or if you take other medications.

## **Side effects and Adverse Reactions:**

Stop taking multivitamins and Amino acids and seek emergency medical attention if you experience an allergic reaction (difficulty breathing; closing of your throat; swelling of your lips, tongue, or face; or hives). Less serious side effects may be more likely to occur. Nausea, constipation, black stools and diarrhea are among the most common. Taking multivitamins and Amino acids with food may decrease these side effects.

**Pregnancy and Lactation:** Multivitamins are generally considered safe for use during pregnancy and breast feeding. However, large doses of some vitamins can be harmful. Talk to your doctor about taking a vitamin supplements during pregnancy or breast feeding.

## **Contraindications:**

Contraindicated in persons those who are hypersensitive to vitamins or amino acids.

## **Dosage:**

**Adults:** One table spoonful (15 ml) twice a day

**Children:** One tables spoonful (15 ml) a day in divided dose or as directed by the physician.

## **Route of Administration**

Oral

**Storage:** Store in a cool, dry place. Protect from light.

**Presentation:**

AMINOSOFT LIQUID available in 200ml amber colored glass bottle packed in a carton.

**NAFDAC Regn: A4-5833**