



## B Complex + L-Carnitine

# NIYAZOPLEX®

Vitamin / Oral solution



### Each Liter of product contains:

L- Carnitine .....	30000 mg
Vitamin B1 .....	4000 mg
Vitamin B2 .....	5000 mg
Dexpanthenol .....	4000 mg
Nicotinamide .....	10000 mg
Vitamin B6 .....	2000 mg
Vitamin B12 .....	20 mg
Vitamin H2 .....	10 mg
Excipient q.s. to .....	1 Lit

### Target Species: Poultry

#### Mode of action:

This is a vitamin compound that contains high amounts of L-carnitine and B vitamins

**L- Carnitine:** An essential cofactor of fatty acids metabolism, required for transport of long-chain fatty acids in to the mitochondrial matrix as acylcarnitine, thus energy production from long-chain fatty acids is directly dependent on carnitine.

An important function of L- Carnitine is the detoxification of surplus quantities of acetyl groups by binding and the provision of free CoA. The functions of L- Carnitine in metabolism can be summarized as follows:

- mediating transport of fatty acids
- protection and modulation of cell membrane
- maintaining a sufficient pool of free CoA
- Optimization the provision of ATP
- increasing ammonia tolerance
- increasing immunocompetence

**Vitamin B group:** Essential for the proper operation of several physiological functions. It plays a very important role in maintaining the normal functions of nervous tissues and muscles. Most of the drug is excreted with urine. This product takes part in the metabolic process of carbohydrates and enhances the normal sugar metabolism. Complement specially recommended in young animals in their growing period, animals in stress and vitamin deficiencies in feed.

### Indications:

In general, this compound is being used as an aid to improve lesions caused by L- Carnitine and vitamin B groups deficiency. It increases growth and production, also Improves feed conversion ratio and reduction of casualties. Increases hatching ability, the number and size of egg, And helps to increase the efficiency of the immune system.

### Contraindications: None

### Dosage and mode of administration:

500 ml in 1000 liter of drinking water which recommended according to below:

**Broiler flocks:** At first week and in clinical cases such as; Weakness in flock, after vaccination ,after antibiotic therapy, according to a veterinarian advice can be repeated 2-4 days.

**Layer flocks:** Two weeks before start of laying for 14 days or according to a veterinarian advice can be repeated twice a week in certain days.

**Breeder flocks:** Two weeks before start of laying for 14 days or according to a veterinarian advice can be repeated twice a week in certain days.

### Notice:

Duration and amount of use , should be administered by veterinarian. Medicated solution should be freshly prepared daily and consumed within 18 hours. Medicated drinking water should be the only water source available. After opening the bottle, the contents should be consumed within 20 days. Administration of oral solution or water soluble powder in different seasons (warm or cold weather) depends on consumption of water by the target animal.

### Withdrawal Time: None

**Precaution:** For veterinary use only. Keep out of reach of children.

**Storage:** Keep in closed original pack, cool and dry place, 10- 25°C. Protect from direct sunlight.

**Shelf life:** 2 years from the date of manufacture.

**Packing:** 1 Lit. polyethylene bottles.

