



GLICOPHOS®

METABOLIC REGULATOR

	FORMULA	PRESENTATION
Sodium glycerophosphate	20 g Water for injections c.s.p.	100 ml

GLASS VIAL
100 ml.
Sterile solution



GLICOPHOS®

Glicophos is a metabolic regulator, the active ingredient of which is Sodium Glycerophosphate which gives a fundamental molecule in the transport of electrons in the respiratory chain.

As it is known, energy generation (ATP from ADP) takes place in the mitochondria. One of the coenzymes of redox, which participates in this process, is NADH which is not able to get through the mitochondrial membrane and to get into the mitochondria; however, the glycerophosphate which easily passes through this membrane, acts as a carrier of cytoplasmic NADH electrons. This is known as a shuttle process. When exercising very hard, the requirements of ATP increase significantly. Unfortunately, it is not possible to administer energy in direct form under ATP or UTP form because these nucleotides of purines hydrolyze themselves quickly in the organism so depriving the muscles of their usage.

Glicophos, by means of the glycerophosphate, indeed allows for a 100% increase of ATP synthesis since there is total bioavailability of the 2 molecules of ATP which are generated with each molecule.

INDICATIONS FOR USE

Glycerophosphate is an endogenous substance which acts directly on the mitochondria of muscular fibers producing energy and so improving sport performance by this via.

On the other hand, it increases the bioavailability of the phosphorous used by the organism when required. Its use is recommended previous to a competition so as to

improve the energetic bioavailability at muscular level. It is also used as an energy repositior after hard exercise, especially in those animals which compete frequently, in order to shorten the time of energy recovery after intense exercise.

VIA OF ADMINISTRATION AND DOSAGE

Endovenous via is recommended although subcutaneous via can also be used. Dose at a rate of 1 – 2 ml/20 kg of corporal weight. A treatment of not less than 5 days previous to intense effort is recommended.

CONTRAINDICATIONS

Glicophos does not present any contraindications at recommended doses.

WARNINGS

Store the product between 15 and 25 °C.
Keep out of reach of children and pets.

For veterinary use only.