



## Galozyme™ Canine/Feline

Concentrated feed supplement  
Intestinal bio-regulator made with lactic yeast ( Kluyveromyces B0399)



### Product Description

The microbic equilibrium and intestinal functions of cats and dogs are often altered by an incorrect and unbalanced diet or illness. This imbalance can cause animals to encounter serious protein, vitamin and mineral deficiencies. These deficiencies will cause an imperfect function of the gastro-intestinal apparatus which influences the general state of health; particularly during the growth and development phase animals.

The active ingredients in Galozyme™, (composed of active lactic yeasts and enzymes), aid directly in the breakdown, production, and natural metabolic processes required for a healthy well being. These lactic yeasts and enzymes enhance and favour the bio-regulation of the intestinal micro flora and the digestive functions of the animal. This in turn results in a more complete and balanced assimilation of nutrients.

The effectiveness of probiotics made from lactic yeasts to cover nutritional deficiencies has been known for some time.

Galozyme™ has increased this effectiveness by including various vitamin groups (specifically the vitamin B group amongst others, which has been proven to help relieve distress amongst other physiological and aesthetic issues), as well as restoring and favouring correct intestinal functions.

However, problems regarding production and preservation have notably limited their use in the past. Turval laboratories Srl. of Italy, has now effectively resolved these problems through the use of patented biotechnological processes of production. These processes enhance the enzymatic and probiotic activity of lactic yeasts and exploit's their utilization to the maximum potential. These yeasts are available in our complementary feed supplement Galozyme™. Galozyme™ is able to maintain and enhance the probiotic and digestive properties of the micro-organisms, far beyond any other bacterium based probiotic available up until now.

### Mechanism of Action

The probiotic action of Galozyme™ has capabilities that;

- **Elevate the enzymatic** action capable of carrying out an essential role in the production, breakdown processing and digestion of proteins, fats, sugars and cellulolytic fibers.
- **Have an elevated content** of essential amino acids – in particular, lysine, Group B vitamins, and nucleotides.

This developed enzymatic activity of Galozyme™ completely breaks down the nutrients, proteins and fats, to a molecular level so they can be easily and completely assimilated.

The typified active lactic yeast and natural occurring enzymes in Galozyme™:

- Are preserved, unaltered, and can reproduce at a great capacity even in very low pH levels (3.0 – 3.5). Due to the high chitin content of their outer wall, they can easily penetrate the gastric barrier to effectively reach the intestinal tract where they carry out the action of bio-regulation and modulation of the microbial intestinal flora (probiotic action).
- Work at the intestinal level, demolishing the organic substrata (fats and sugars) through fermentation. This fermentation causes the production of lactic and propionic acid (lactic fermentation) in the intestinal tract, which augments the natural occurring pH levels of the digestive system. This lowered intestinal pH level slows down the development and growth of putrescent and anomalous fermentative phenomena (putrefying bacteria). The intestinal tract will then favour the development of beneficial micro flora (lactic ferments), creating or re-establishing a balanced microbial equilibrium. Not only does this occur in the small intestine but it also colonizes and benefits the intestinal villi, therefore helping to create a larger absorption factor of nutrients.

Besides benefits previously discussed, Galozyme™ is notably different from other probiotics by not only adding essential vitamins and amino acids to the animal's diet, but, by modulating and bio-regulating the bacteria and intestinal flora. Galozyme™ carries out a regulating action of all metabolic processes that balance and enhance intestinal functions, which enables the animal to obtain and or preserve an optimum state of health.

The benefits are seen both on the physiological level, with an increase in the animal's energy and vitality, and aesthetic level, with a thicker and shinier coat. Furthermore fecal becomes more solid with a decrease in odour, demonstrating an increase in proper digestion and assimilation.

## Benefits and Applications

The concentrated supplements Galozyme™ Feline and Galozyme™ Canine were developed expressly to complete the daily diet of felines and canines of all breeds, sizes and age.

In summary, Galozyme™ stimulates the digestive functions of animals. It favours the assimilation and utilization of the energetic values of nutrients at the intestinal and molecular level, especially when manifestations of bad absorption, putrefaction and

anomalous fermentations caused by dietary and environmental imbalances are present (For example, from stress or fatigue due to performance in competitions, travel, diet change or therapeutic treatment). Galozyme™ has also been proven to help diminish clinical problems tied to imbalances of the intestinal bacteria flora ( Including Colic, diarrhea and abnormal bloating). Galozyme™ can help strengthen the immune defences, and is capable of carrying out a detoxifying action in the liver, colon, kidneys and epidermis.

Best results are obtained when Galozyme™ is utilized as a daily compliment to the food ration. This helps continuously create the best conditions for proper micro-floral growth, and overall continuous enhanced digestion and assimilation of nutrients. Galozyme™ can also help prevent problems caused by dietary imbalances, and compensate for possible errors of an inadequate or unbalanced diet.

## Ingredients

**Galozyme™ Canine** is comprised of a balanced mixture of natural products: lactic yeasts blend , with principal ingredient TURVAL BB0399. (typified active lactic yeast Kluyveromyces Marxianus Vander walt ), rice hulls , sterilized Oat Flour, natural vitamin and mineral blend .

## Use and Administration

**Galozyme™ Canine** should be added to the daily ration of food in the following recommended quantities:

Small – sized dogs: 2 teaspoons (4 g)

Medium-sized dogs: 3 teaspoons (6 g)

Large-sized dogs: 6 teaspoons (12g)

**Galozyme™ Feline** should be added to the daily ration of food in the following recommended quantities:

Kittens – 1 teaspoon (2 g)

Adult Cats – 2 teaspoons (4 g)

Active, pregnant or nursing dogs or cats: The administration can be doubled.

IMPORTANT: Galozyme Canine and Galozyme Feline should be added to food which is cold or slightly warm (< 40 Celsius).

Caution: for use under veterinary supervision, if side affects occur, discontinue use and contact a veterinarian immediately. Due to dusty contents, hypersensitivity may occur for some people, when administering the product. Use Galozyme™ products only for the intended animal listed on the bottle. All Galozyme™ products are specifically formulated for the animal specified on its packaging.

### Duration and Preservation

2 years (providing the product is stored in a cool dry place)