# **TECHdatasheet**



# AVIFENOL TN®

## CONCENTRATED OF PHENOLS AND POLYPHENOLS

# FEED FOR ALL SPECIES

Contains: Concentrated of phenols and polyphenols obtained from hydrolyzed lignocellulose (05128-IT Feed Material Register), magnesium chloride, barley flour.

#### DESCRIPTION

The effectiveness of the product is due to the special chemical bond that has been obtained and the subsequent formation of high molecular weight polymeric structures. The chemical bond obtained in the production process and the polymerization of plant molecules (polyphenols) produce a macromolecule which in the intestine partially dissociates and becomes assimilable. The active ingredients contained in Avifenol TN® boast a different water solubility and are more easily attacked by gastrointestinal lipases.

Avifenol TN® allows to maintain the pH of the intestinal tract at optimal values, the polymerized polyphenols release their acid part which at the cecal level confers the effects of:

- · Modulation of the pH.
- · Growth of beneficial bacteria
- · Control of the development of pathogenic bacteria
- Best performance indices

#### **ACTION**

The polyphenolic compounds released do not bind to food proteins but form pseudo alginates responsible for the protective action of the mucosa from the aggression of pathogens through the bond with urea and urates.

Avifenol TN® has proved effective as an alternative to the application of the drug in the control of enteric diseases caused by both Gram + and Gram- bacteria.

## DOSAGE

To be administered in the finished feed in the ratio of 0.2% – 0.3%. Dosages may vary depending on the health situation of the farm. The technical service is available to recommend the dosage.

#### **PACKAGES**

Available in bags of kg. 20 and big bags of kg. 1000 Store in a cool and dry place, away from heat sources. To be consumed within 12 months from the production date. FAMI-QS certified