

Name:

TOYOCERIN 10⁹ (premixture)

Category of the product

Premixture of feed additive EC No. E1701 / Id. No. 4b1701, to be used exclusively in the manufacture of feedingstuffs

Composition

- Active substance:
1 x 10⁹ viable spores of *Bacillus cereus* var. *toyoi* (CNCM I-1012/NCIMB 40112): approx. 0.6 % of net weight product
- Carrier:
Calcium carbonate: approx. 99 % of net weight product
Corn flour: approx. 0.4 % of net weight product

Standard range of viable spores counts

0.75 x 10⁹ – 1.25 x 10⁹ viable spores / g product

Presence of chemical and microbial impurities

Arsenic < 2 ppm
Cadmium < 1 ppm
Mercury < 0.1 ppm
Lead < 10 ppm
Aflatoxin B-1 < 0.05 ppm
Coliforms / g product < 3
Escherichia coli / g product < 3
Yeast and moulds / g product < 10
Salmonella / 25 g product: Absence

Usage levels

Piglets up to 2 months: 1 kg / ton feed
Piglets from 2 to 4 months: 0.5 – 1 kg / ton feed
Pigs for fattening (from 4 months until slaughter):
0.2 – 1 kg / ton feed
Sows (from service to weaning):
0.5 – 2 kg / ton feed
Chicken for fattening: 0.2 – 1 kg / ton feed
Cattle for fattening: 0.2 kg / ton feed
Rabbits for fattening: 0.1 – 5 kg / ton feed
Rabbit breeding does: 0.2 – 1 Kg / ton feed
Turkeys for fattening: 0.2 – 1 kg / ton feed

Physical properties

Odourless, white to grayish-brown dry powder

Directions for use

- Mix uniformly with feed (or milkreplacer) at the recommended dosage for each species and category
- May be used in compound feed for chicken for fattening containing the authorized coccidiostats: monensin sodium, lasolacid sodium, salinomycin sodium, decoquinatate, robenidine, narasin, halofuginone, diclazuril, narasin / nicarbazin and maduramicin ammonium
- May be used in compound feed for rabbits for fattening containing the authorized coccidiostats: robenidine, salinomycin sodium
- May be used in compound feed for rabbit breeding does containing the authorised coccidiostat: robenidine
- In the case of cattle for fattening, the inclusion of *Bacillus cereus* var. *toyoi* in the daily ration must not exceed 1,0 x 10⁹ cfu / 100 kg body weight. Add 0.2 x 10⁹ cfu / each additional 100 kg of body weight

Storage temperature

15 – 25 °C

Storage life

Max. 18 months from date of manufacture, when stored in original packaging and in cool and dry place

Pelleting Stability

Bacillus cereus var. *toyoi* remains stable under normal pelleting conditions

Packaging

Available in 25 kg boxes