



PRODUCT INFO
& DATASHEET

D.O.T. 98

3,5-DINITRO-O-TOLUAMIDE-COCCIDIOSTAT

DESCRIPTION

The D.O.T. 88 molecule is perfectly balanced. The amide group exercises activity in the metaposition, to which the activity of the methyl group in the ortho position is added. The parapositions are occupied by the salpeter groups. These groups confer the necessary properties as an anticoccidial. At the same time the amide group confers the molecule its indispensable proteinic character.

SPECIFICATIONS

3,5-DINITRO-O-TOLUAMIDE-COCCIDIOSTAT

- Formula : $C_8H_7N_3O_5$ -Molecular weight : 225.16
- Purity : 98 % minimum
- Physical aspect : D.O.T. 98 is an ivory-like coloured powder.
- Solubility : insoluble in water, ether, benzene, and chloroform. Less soluble in alcohol and acetone. Reasonably soluble in dimethylformamide (30 %).
- Melting point : 177-178 °C -Humidity: less than 1 %
- Acidity : D.O.T. 98 is a neutral substance and does not contain any free acid.
- Granulometry : passes through a screen of 40 mesh.
- Flavour : D.O.T. has a bitter flavour.

ADVANTAGES

- Effective against all the pathogeneus coccidia in owls and rabbits, allowing the development of immunity.
- Has a very wide and equilibrated range of activity.
- Does not affect growth, feed conversion, laying, fertility nor hatching.
- Is not toxic for humans or animals.
- Does not leave any residues in meat, is flavourless and odourless.
- Harmonizes with most feed additives. **Do not administer together with furazolidone and furaltadone.**
- **Is the most profitable coccidiostat because of its low price.**

USE & DOSAGE

Preventive for caecal and intestinal coccidiosis in birds and rabbits.

To be mixed in feeds:

Poultry : 125 g pure D.O.T. 98 per ton feed.

Rabbits : 250 g pure D.O.T. 98 per ton feed

Duration of treatment :

Rabbits : from first day of life till 48 hours before slaughtering.

Pullets : from first day of life till beginning of laying.

STORAGE & HANDLING

Although this product possesses two salpeter groups, it is very stable and there exists no danger of explosion, even when handled roughly.

PACKING

25 kg export bags