

SALVALAT CLASSIFICATION

Subject: Assessment of Salvalat Product Classification

Over the years, our laboratory has developed a special composition to fight mastitis in dairy cows. We have classified the product as "unclassified" according to:

1. Work carried out within the "Mastercow" project, for which two quality marks were received (a copy of the confirmation from EU Horizon 2020 advisors is attached);
2. A specific solution of the drug for conducting intramammary lavage to remove biofilm (mechanical action);
3. A list of ingredients, none of which are considered "active ingredients" (therefore, "non-medicinal"); - see the quality certificate issued by our laboratory.
4. All ingredients were selected with full consideration of the absence of any hazardous substances.
5. The presence of a microscopic amount of colloidal silver, which does NOT have an antimicrobial function, but rather a "mechanical action," i.e., makes the substance more free-flowing so that it spreads more easily over the inner surfaces of the udder and, therefore, adheres more easily to the biofilm. Additionally, the presence of colloidal silver allows the product to be excellently preserved (preservative function).
6. The special formulation allows the solution to remove part (or all) of the biofilm, which is expelled outward with the milk (residues below the MRL threshold).
7. The reduction in the number of somatic cells after washing the mammary gland tank is nothing but evidence of a reduction in the amount of biofilm.

Over the last 10 years, tests have been conducted on animals (no less than 400), and the product, even at the initial stages of trials and improvements to the product formula, has never caused any problems in animals.

When applying the recommended preservative dose, we observed limited antimicrobial activity in the udders of dairy cows. A substantial bacteriostatic effect was only noticeable at exceptionally high concentrations of the preservative.

Ultimately, considering the mechanical action of the product, considering the absence of an active ingredient, considering the very low level of residues (MRL), and considering the excellent functionality of colloidal silver in preserving the product, it has been demonstrated that the product cannot be classified as medicinal, homeopathic, or cosmetic, but is considered as "free trade."

In the future, our laboratory will continue to optimize the formulation as a phytotherapeutic product, as the glycolic extract of cucumber will be replaced with Aloe Vera (from an organic supplier) or Cannabis CBD as active ingredients. In this direction, CNT LAB has agreed with the certifying body on the registration of Salvalat as a phytotherapeutic product.

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