

EFFECT OF VITAMIN E IN WATER-SOLUBLE FORMS ON THE AMINO ACID COMPOSITION OF MUSCLE TISSUE OF RABBITS.

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Rabbits, vitamin E, dyblok copolymers, amino acids, the products of slaughter.

The effect of vitamin E in polymeric carriers for amino acid composition of muscle tissue of rabbits. Established that vitamin E in water-soluble form improves metabolic processes in the body, resulting in an increase of the number of replacement as well as essential amino acids in the muscles of rabbits that improves the biological value of meat. The aim of the study was to study the effect of vitamin E in water-soluble form for quality performance products of slaughter rabbits, including changing the amino acid composition of muscle tissue of rabbits.

Materials and methods. The material for research-tion served nonlinear rabbits breed "Hy-plus", aged 2 months, dyblok-copolymer (DSC) MOPEO- b-PAC (PANa) based metoksypolietylenoksydu (MOPEO) and polyacrylic acid (PAA).

For the experiment involved two groups: control and research, 5 animals in each. The control group did not use the drug, and the experimental group - vypojuvaly vitamin E as part dyblok-copolymer (DSC) MOPEO-b-PAC (PANa) based metoksypolietylenoksydu (MOPEO) and polyacrylic acid (PAA) at a dose of 0.01 mg / head. All animals were fed feed for rabbits, the animals had free access to tap water.

Slaughter of animals were in accordance with the requirements of the "European Convention for the Protection of Vertebrate Animals used for experimental and scientific purposes" (Strasbourg, 1985) and the decision of the First National Congress of Bioethics (Kyiv, 2001). The content of amino acids in muscle tissue of rabbits was determined on the instrument AminoAcidAnalyzarAAA400 (INGOS, Praha) according to ISO 13903: 2005