

**MODERN RESEARCH PROPERTIES ELEKTRICALY INDUCED
WATER MEDIA FOR USE IN THE MEAT INDUSTRY.**

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Deals with the results of research elektroaktyvovanyh properties of aqueous media. As a result of comprehensive research process relaxation activated aqueous media varied depending on external parameters established that activated state of water environment is thermodynamically unstable.

Elektroaktyvovane aquatic environment, relaxation, tap water, elektrohimichnoaktyvovana water, pH, redox potential.

In order to study the influence of time and packaging material on the relaxation process of activated water pollution resulting from the elektroaktyvatsiyi alkaline water fraction was placed in a container with plastic, stainless steel and glass. The test samples were stored for 3 days in a sealed container with no gas layer and at 4 ± 1 ° C.

Research has found that the relaxation of prototypes depends not only on the duration of storage, but also on the capacity of the material is characterized by instability and anomalous properties of samples during storage. On the first day of the pH of the samples was 7.5, which is mostly neutral catholyte, but within three days of storage at constant temperature relaxation process took place is not the same for all three samples.

Summarizing the results of the research proved that elektroaktyvatsiya water significantly improves the quality and safety, and it offers great opportunities and prospects for the use of activated water environment in meat processing. It is established that the activated state of aqueous media is thermodynamically unstable, as evidenced by the results of comprehensive studies of the process of relaxation of activated water environment variable depending on external parameters. Yes, it is proved that the activated water storage in plastic containers contributes a certain stabilization of anomalous properties, and the use of glass and steel packaging is to accelerate the process of relaxation. Elektroaktyvovanoyi heating water to a temperature above 75 ° C is not desirable as leading to faster relaxation.