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Subscription

Czech J. Food Sci.

Říhová Ambrožová J., Říha J., Hubáčková J.,

Cinakova I...

Risk analysis in drinking water accumulation

Czech J. Food Sci., 28 (2010): 557-563

Drinking water is safe water, from th perspective of long-term use is does nc cause any disease, pathogenic an hygienically unsafe microorganisms d not spread in it and customers enjoy it consumption. Drinking water is regarde as a foodstuff, therefore the know HACCP system can be used in th control system which can be applied nc only directly to the final product, but als to the whole system of drinking wate production, distribution, an accumulation. Even if there is no proble concerning the water processing and th technological line is well adjusted, th quality of drinking water is subsequentl deteriorated by its transportation an accumulation. The condition an character of the operated distributio network and reservoirs are significantl and substantially related to th

maintenance of the biological stability an quality of drinking water. This is we confirmed by biological audits of th distribution networks and wate reservoirs. A significant fact is th negative influence of the secondar contamination by air in the reservo facilities and the occurrence o microorganisms (fungi, bacteria) in fre water and in biofilms. The finding obtained in the framework of biologica audits were so alarming that the output