

CHEMICAL CONTAMINATION OF ANIMAL FOODS MANUFACTURED IN LITHUANIA

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Summary. Animal foods and raw food materials were examined for contamination by heavy metals and chlororganic pesticide residues with respect to geographical locations and product assortment in Lithuania.

The research was carried out in the period of 1992-1994. The results of the research showed that chemical contamination of animal products by heavy metals in Lithuania depends to a great extent on the geographical location. The content of copper determined in milk and dairy products exceeded the allowable norms. Increased amounts of cadmium and copper were found in meat. It was established that raw food materials were contaminated chemically only in the districts of advanced chemical industry and close to intensive transportation routes.

Keywords: milk, milk products, meat, heavy metals, pesticide, aflatoxin.