

INVESTIGATION OF CONTAMINATION OF MEAT OF DOMESTIC ANIMALS IN LITHUANIA WITH CHEMICAL MATERIALS

R. Blumbergas, B. Staniškienė, B. Vėsaitė

Summary. The investigation was carried out in order to evaluate the contamination of meat of domestic origin with chemical materials. A capillary gas chromatographic multiresidue method for determination of pesticides, polychlorinated biphenils and benzopyrene was used. The samples obtained in various regions of Lithuania were found to be only slightly contaminated with these materials, - the level of contamination not exceeding 0,01 mg/kg meat.

Keywords: meat, pesticides, polichlorinated biphenils, contamination, gas chromatography.