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## Evaluation of usefulness value and meat quality of two species of marine fish

### S u m m a r y

The purpose of the present work was compare the meat quality of Baltic herring and cod. The research material covered 40 intact fishes, classified into two groups relating to the species i.e. 20 cods (average weight of 1.550 kg) and 20 herrings (average weight of 0.150 kg). The fish were caught in Baltic sea in 2007. The meat pH, and electrical conductivity were determined using PQM I/Kombi apparatus after 24 and 48 h following catch. The content of water, total protein, fat and ash as well as concentration of lead and cadmium in meat were determined. The significant differences of meat quality and heavy metal content between cod and herring meat were found. The meat of cod showed higher content of protein, however, fat content and lead and cadmium concentration were found in lower values in comparison to the meat of herring.