

**IDENTIFICATION of FISH SPECIES by THIN-LAYER
POLYACRYLAMIDE GEL ISOELECTRIC FOCUSING (IEF)**

Species substitution is economic fraud which can lower consumer confidence in fishery products. Isoelectric focusing (IEF) of the proteins of animal tissues has been found to generate species specific protein banding patterns. The distinctive species specific protein banding patterns provides positive species identification of non-cooked flesh samples when compared with the protein banding patterns of authenticated standards.