## Isolation and identification of Salmonella spp. from some local food products Abstract

A total of 248 local fresh, dried and intermediate moisture food products were sampled for detecting the presence of Salmonella sp. and further identifying the serotype of the isolated strains, using the International Standard Organisation (ISO) culturat method. Samples were purchased from several local open markets and supermarkets. Fresh samples were individually packed in clean plastic bags or bottles (for milk), placed in an ice box and immediately brought to laboratory for analysis. Other sampels were directly brought to the laboratory as they were in well packed containers or wrapperd. Total plate count was highest for most fresh food samples (103 - 106 per ml rinse water), followed by the intermediate moisture products with count between IG - Ifflg. All dried food samples were uncontaminated except for the chicken feed pellets. Approximately I3.3Vo of the local food products were contaminated by 18 serotype of Salmonella. Chicken qlrcass was the major source (64.3%) for the different serotype isolated and S. bradford was the most fiequent serotype isolated followed by S. weltevreden, S. analum and S. agona.