Figs. 1 and 2. The distribution of different species of Cr into the food chain: (a) from the soil, (b) from the fertilized plot, (c) from the residual fraction, and (d) from the control plots. The fertilized plot was fertilized by mineral fertilizers in the treatment experiment. The results show that the fertilization has a significant effect (P < 0.05) on chromium content of wheat as well. This means the acidification can mobilize the strongly bound chromium in soils. The highest amount of chromium was found in the residual fraction that represents the strongly bound amount in the clay minerals. This fraction is not amenable to leaching and has a relatively higher chromium content. Table 3. Chromium content of some bread (µg/kg)