ESTIMATION OF LEAD IN SOME OF FOODS AND DRINKS COMMON POPULAR IN BASRAH CITY – IRAQ-2010

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ABSTRACT

This study focused on estimating levels of lead in samples of popular foods & drinks. The samples were collected from the sides of its street in Basrah. Lead was determined by atomic absorption spectrometry. Results showed accumulation of lead in some popular foods such as Falafel (0.32±0.083) PPm, hamburger (0.29±0.088) PPm , chick Peas (0.18±0.009) PPm, Shalgam Bolied (0.21±0.058) PPm and Boiled beans (0.22±0.047) PPm.

The levels of lead in samples of popular drinks such as orange juice (0.56±0.097)PPm, Numi Basrah Juice (0.5±0.01), lemon juice (0.49±0.079)PPm, butter milk (0.5±0.1)PPm and Tea (0.44±0.099) PPm.