

Analysis of organochlorine and pyrethroid pesticide residues in baby food samples

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Abstract A study was conducted to analyze the organochlorine and pyrethroid pesticide residues in baby food samples purchased from the local market in Constanta, Romania. Gas chromatography with electron capture detector (GC-ECD) was used to determine the concentrations of pesticide residues. The obtained results indicated a very low contamination level of investigated samples with pyrethroids, but most of the detected organochlorine pesticides exceeded the allowed MRLs.

Keywords: organochlorine pesticides, pyrethroids, GC-ECD
