

Abb.647 Liste von Chemikalien und biologischen Stoffen, die bei der Lebensmittel-Kontrolle überwacht werden sollten, z.B. bei Total Diet Studies oder Food Monitoring*

LIST OF CHEMICAL AND BIOLOGICAL AGENTS WHICH MAY BE OF CONCERN AS FOOD CONTAMINANTS

The agents are not listed in order of priority and other agents not included here may be important in some countries. Not all the agents listed lend themselves to monitoring.

Chemical contaminants

Metals

Antimony
Arsenic
Cadmium^a
Chromium
Cobalt
Lead^d
Mercury^a
Nickel
Tin

Pesticides and metabolites and breakdown products thereof

Dithiocarbamates
Methyl bromide
Organochlorine insecticides^a
Organophosphorus insecticides

Radionuclides

137Cs
90Sr
131I

Other substances

Asbestos
Fluorides
Nitrates
Nitrites
N-Nitroso compounds (including nitrosamines)
Polycyclic aromatic hydrocarbons
Polyhalogenated bi-and terphenyls (including PCBs)^a
Substances used in animal husbandry, e.g. antibiotics and hormones
Selenium
Vinyl chloride monomer and other organic compounds migrating from packaging materials

Contaminants of biological origin

Bacteria and bacterial toxins

Bacillus cereus
Clostridium botulinum toxin
Clostridium perfringens
Salmonella^d
Shigellae
Staphylococcal enterotoxin
Vibrio parahemolyticus

Mycotoxins

Aflatoxins^d
Citrinin
Fusaria toxins
Ochratoxin A
Patulin
Sterigmatocystin

Parasites

Cysticercus bovis^d
Echinococcus granulosus^a
Fasciola hepatica, F. gigantica
Paragonimus westermani
Taenia saginata
Taenia solium
Trichinella spiralis^a

Viruses

Hepatitis A virus

^a Selected as a priority contaminant by the Expert Consultation to Identify the Contaminants to be Monitored and Recommend Methods of Sampling and Analysis for the Joint FAO/WHO Food and Animal Feed Contamination Monitoring Programme, Rome, 1974, see p. 41.

* (aus: Guidelines for Establishing or Strengthening National Food Contamination Monitoring Programmes. WHO, Genf, 1979 Lit.6690)