Survey of Scientific Literature

Trace Elements in Food: Infant Formula

This list has been drafted for the EUROL-CEFAO own scopes and it is not to be considered exhaustive. The listing does not imply any endorsement by the EUROL or in any way mean a negative judgement, in case some articles are missing.

1. A simple and fast ultrasound-assisted extraction procedure for Fe and Zn determination in milk-based infant formulas using flame atomic absorption spectrometry (FAAS)
I. Machado, G. Bergmann, M. Pistón
Food Chem. 2016, 194: 373–376

2. Estimated Exposure to Arsenic in Breastfed and Formula-Fed Infants in a United States Cohort
Environmental Health Perspectives 2015, Vol. 123, N° 5

3. Simultaneous determination of bromine and iodine in milk powder for adult and infant nutrition by plasma based techniques after digestion using microwave-induced combustion

S. Dubascoux, M. Nicolas, C. F. Rime, J. R. Payot, E. Poitevin
J AOAC Int. 2015; 98: 953-61

5. Simultaneous Determination of As, Cu, Cr, Se, Sn, Cd, Sb and Pb Levels in Infant Formulas by ICP-MS after Microwave-Assisted Digestion: Method Validation
G. M. Lo Dico, G. Cammilleri, A. Macaluso, A. Vella, G. Giangrosso, M. Vazzana, V. Ferrantelli
J Environ Anal Toxicol 2015, 5: 328
6. Method validation for simultaneous determination of chromium, molybdenum and selenium in infant formulas by ICP-OES and ICP-MS
   *Food Chemistry* **2013**, 14: 3566–3570

7. Essential and toxic elements in infant foods from Spain, UK, China and USA

8. Minerals and trace elements in commercial infant food
   R. Melø, K. Gellein, L. Evje, T. Syversen
   *Food and Chemical Toxicology* **2008**, 46: 3339–3342

9. Levels of 26 elements in infant formula from USA, UK, and Nigeria by microwave digestion and ICP–OES
   A. Ikema, A. Nwankwoala, S. Odueyungbo, K. Nyavor, N. Egiebor