Survey of Scientific Literature

Trace Elements in Food: Other Foodstuffs

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

1. Essential and non-essential elements in Brazilian infant food and other rice-based products frequently consumed by children and celiac population
   T. Pedron, F. Roberta Segura, F. Ferreira da Silva, A. Luiz de Souza, H. França Malteza, B. Lemos Batista
   *Journal of Food Composition and Analysis* 2016, 49: 78–86

2. Assessment of Pb and Cd in seed oils and meals and methodology of their extraction.
   Y. Yang, H. Li, L. Peng, Z. Chen, Q. Zeng
   *Food Chem.* 2016, 197 (Pt A): 482-8

3. Effects of cadmium on uptake and translocation of nutrient elements in different welsh onion (Allium fistulosum L.) cultivars.
   X. Li, Q. Zhou, X. Sun, W. Ren

4. Dietary intake of trace elements by the population of Catalonia (Spain): results from a total diet study
   G. Perelló, E. Vicente, V. Castell, J. M. Llobet, M. Nadal, J. L. Domingo

5. Mineral profile of Spanish commercial baby food
   A. Mir-Marqués, A. González-Masó, M. L. Cervera, M. de la Guardia
   *Food Chemistry* 2015, 172: 238–244
6. Content of micronutrients, mineral and trace elements in some Mediterranean spontaneous edible herbs
M. G. Volpe, M. Nazzaro, M. Di Stasio, F. Siano, R. Coppola, A. De Marco
*Chem Cent J.* **2015**, *14;9*: 57

7. Essential and toxic heavy metals in cereals and agricultural products marketed in Kermanshah, Iran, and human health risk assessment
M. Pirsaheb, N. Fattahi, K. Sharafi, R. Khamotian, Z. Atafar
*Food Addit Contam Part B Surveill.* **2015**, *20*: 1-6

8. Levels of zinc, copper, cadmium, and lead in fruits and vegetables grown and consumed in Aseer Region, Saudi Arabia.
M. D. Oteef, K. F. Fawy, H. S Abd-Rabboh., A. M. Idris
*Environ Monit Assess.* **2015**, *187*: 676

9. Ca, Cd, Cu, Fe, Hg, Mn, Ni, Pb, Se, and Zn contents in baby foods from the EU market: Comparison of assessed infant intakes with the present safety limits for minerals and trace elements
M. Pandelova, W. Levy Lopez, B. Michalke, K. W. Schramm
*Journal of Food Composition and Analysis* **2012**, *27*: 120–127

10. Effect of an organic and conventional rearing system on the mineral content of hen eggs
K. Küçükyılmaz, M. Bozkurt, Ç. Yamaner, M. Çınar, A.U. Çath, R. Konak

11. Simultaneous analysis of 21 elements in foodstuffs by ICP-MS after closed-vessel microwave digestion: Method validation
S. Millour, L. Noël, A. Kadar, R. Chekri, C. Vastel, T. Guérin
*Journal of Food Composition and Analysis* **2011**, *24*: 111–120
12. Internal quality controls applied in inductively coupled plasma mass spectrometry multi-elemental analysis in the second French Total Diet Study
S. Millour, L. Noël, R. Chekri, C. Vastel, A. Kadar, T. Guérin
*Accreditation and Quality Assurance* 2010, 15: 503–513

13. Trace mineral content of conventional, organic and courtyard eggs analysed by inductively coupled plasma mass spectrometry (ICP-MS)
I. Giannenas, P. Nisianakis, A. Gavriil, G. Kontopidis, I. Kyriazakis
*Food Chemistry* 2009, 114: 706–711

14. Variation in Trace Element Contents Among Chicken, Turkey, Duck, Goose, and Pigeon Eggs Analyzed by Inductively Coupled Plasma Mass Spectrometry (ICP-MS)
P. Nisianakis, I. Giannenas, A. Gavriil, G. Kontopidis, I. Kyriazakis
*Biological Trace Element Research* 2009, 128:62–71

15. The use of inductively coupled plasma mass spectrometry (ICP-MS) for the determination of toxic and essential elements in different types of food samples
*Food Chemistry* 2009, 112: 727–732

16. Contaminants and microorganisms in Dutch organic food products: a comparison with conventional products

F. Magkos, F. Arvaniti, A. Zampela
*Critical Reviews in Food Science and Nutrition* 2006, 46:23–56
18. Determination of several elements in duplicate meals from catering establishments using closed vessel microwave digestion with inductively coupled plasma mass spectrometry detection: estimation of daily dietary intake
L. Noël, J. C. Leblanc, T. Guérin

19. Determination of Lead, Cadmium, Zinc, Copper, and Iron in Foods by Atomic Absorption Spectrometry after Microwave Digestion: NMKL1 Collaborative Study
L. Jorhem, J. Engman
*Journal of AOAC International* **2000**, **83**:5: 1189-1203