

Collection of joint contributions (from 1986-1991)

A: Reference Materials and Methods:

1. A.R. Byrne, C. Camara-Rica, R. Cornelis, J.J.M. deGoeij, 3

G.V. Iyengar, G. Kirkbright, G. Knapp, R.M. Parr, M. Stoepler:

Results of a co-ordinated research programme to improve the certification of IAEA milk powder A-II and animal muscle H-4 for eleven "difficult" trace elements.

Fresenius J. Anal. Chem. 326 (1987) 723-729.

2. F. Backhaus, u. Bagschik, M. Burow, A.R. Byrne, M. Froning, 11

C. Mohl, P. Ostapczuk, M. Rossbach, J.D. Schladot, M. Stoepler, E. Waidmann, R. Zeisler:

Two "spruce shoot" candidate reference materials from the German Environmental Specimen Bank.

Poster: Int. Symp. Biological and Environmental Specimen Banking, 22.-25.Sept. 1991, Vienna, Austria. To be published in: Sci. Total Environm. 1992.

3. M. Rossbach, A.R. Byrne: 25

Radiochemical determination of selected trace elements in environmental materials.

INT Series: Bilateral cooperation in Environmental Research, 53/88. KFA-Jülich

4. M. Rossbach, M. Stoepler, A.R. Byrne: 27

Prompt and delayed NAA techniques for the characterization of Specimen Bank materials.

Poster: Int. Symp. Biological and Environmental specimen Banking, 22.-25.Sept.1991, Vienna, Austria. To be published in: Sci. Total Environm. 1992.

5. M. Rossbach, M. Stoepler, A.R. Byrne, M. Dernelj: 45

Development and quality control of methods for radiochemical neutron activation analysis of trace elements in biological materials via bilateral cooperation.

contribution to: 2nd Balkan Conference on Activation Analysis and Nuclear Related Analytical Techniques. 4.-6. Oct.1989 Bled, Slovenia.

B: Speciation of Mercury

6. M. Horvat, K. May: 47

Determination of mercury and methyl mercury in biological and environmental samples.

INT Series: Bilateral Cooperation in Speciation Research, 60/89, KFA-Jülich.

7. M. Horvat, K. May, M. Stoepler, A.R. Byrne: 49

Comparative studies of methylmercury determination in biological and environmental samples.

Applied Organometallic Chemistry 2 (1988) 515-524.

8. M. Horvat, A.R. Byrne, K. May: 59

A modified method for the determination of methylmercury by gas chromatography.

Talanta, Vol.37, No.2 (1990) 207-212.

C: Isotopic Speciation of Iodine:

9. M. Dermelj, M. Rossbach: 65

Report on a joint effort for the isolation of I-isotopes from neutron irradiated biological samples at KFA in Jülich in July 1988.

INT Series: Bilateral Cooperation in Environmental Sciences 44/88, KFA-Jülich.

10. M. Dermelj, Z. Slejkovec, M. Sorak-Pokrajac, M. Rossbach: 69

Determination of trace quantities of Iodine in different sorts of tobacco and biological standard reference materials by rapid radiochemical separation.

J. Radioanal. Nucl. Chem., Letters 144/4/ (1990) 251-262

11. M. Dermelj, Z. Slejkovec, A.R. Byrne, P. Stegnar, 81

M. Rossbach:

Iodine in different food articles and standard reference materials.

Fresenius J. Anal. Chem. 338 (1990) 559-561

12. M. Dermelj, Z. Slejkovec, M. Rossbach, B. Smodis, 85

P. Stegnar:

Concentration levels of the Iodine Isotopes I-127, I-129, and I-131 in the thyroid gland of some Slovenians after the Chernobyl accident.

Contribution to: Int. Symp. Thyroid and Environment, 7.-8. Oct.1990, Udine, Italy.