

## CAPÍTULO 6

### REFERÊNCIAS BIBLIOGRÁFICAS

## 6- REFERÊNCIAS BIBLIOGRÁFICAS

- [1] Mendes, B.; Oliveira, J. F. S.; "Qualidade da Água para consumo Humano"- LIDEL-Edições Técnicas Lda, pp. 3-139, 2004.
- [2] Decreto-Lei nº 306/2007, Diário da República de 27 Agosto de 2007, pp. 5747-5765.
- [3] Directiva 98/83/CE do Conselho, de 3 Novembro 1998, Jornal Oficial das Comunidades Europeias, L330/32, pp. 32- 54.
- [4] Guia RELACRE 13: "Validação de Métodos Internos de Ensaio em Análise Química", RELACRE, Lisboa, 2000.
- [5] ISO 17294, "Water quality- Application of inductively coupled plasma mass spectrometry (ICP-MS) - Part 1: General guidelines"; first edition, 2004.
- [6] ISO 17294, "Water quality- Application of inductively coupled plasma mass spectrometry (ICP-MS) - Part 2: Determination of 62 elements"; first edition, 2004.
- [7] Directiva 2000/60/CE do Parlamento Europeu e do Conselho, de 23 Outubro 2000, Jornal Oficial das Comunidades Europeias, L327/1, pp. 1- 72.
- [8] Decreto-Lei nº 243/2001, Diário da República de 5 Setembro de 2001, pp. 5754-5766.
- [9] Perkin Elmer SCIEX, "The 30-minutes Guide to ICP-MS", ICP- Mass Spectrometry: Technical Note, 1-7, 2004.
- [10] Dean, J. R.; "Practical Inductively Coupled Plasma Spectroscopy"-Wiley- ANTS- Analytical Techniques in the Sciences, pp. 89- 147, UK, 2005.
- [11] Thomas, R., "A Beginner´s Guide to ICP-MS- Part XIV: Sampling Accessories, Part II", *Spectroscopy*, **18**, 42-54, February 2003.
- [12] Thomas, R., "A Beginner´s Guide to ICP-MS- Part I", *Spectroscopy*, **16**, 38-42, April 2001.

- [13] Thomas, R., "A Beginner's Guide to ICP-MS- Part II: The sample Introduction System", *Spectroscopy*, **16**, 56-60, May 2001.
- [14] Thomas, R., "A Beginner's Guide to ICP-MS- Part III: The Plasma Source", *Spectroscopy*, **16**, 26-30, June 2001.
- [15] Thomas, R., "A Beginner's Guide to ICP-MS- Part IV: The Interface Region", *Spectroscopy*, **16**, 26-28, July 2001.
- [16] Thomas, R., "A Beginner's Guide to ICP-MS- Part V: The Ion Focusing System", *Spectroscopy*, **16**, 38-44, September 2001.
- [17] Santos, R., Canto Machado, M. J., Ruiz, I., Sato, K. and Vasconcelos, M. T. S. D., "Space charge and mass discrimination effects on lead isotope ratio measurements by ICP-QMS in environmental samples with high uranium content", *Journal of Analytical Atomic Spectrometry*, **22**, 1-8, 2007.
- [18] Thomas, R., "A Beginner's Guide to ICP-MS- Part VI: The Mass Analyzer", *Spectroscopy*, **16**, 44-48, October 2001.
- [19] Thomas, R., "A Beginner's Guide to ICP-MS- Part X: Detectors", *Spectroscopy*, **17**, 34-39, April 2002.
- [20] Thomas, R., "A Beginner's Guide to ICP-MS- Part XI: Peak Measurement Protocol", *Spectroscopy*, **17**, 28-35, July 2002.
- [21] Laborda, F., Medrano, J. and Castillo, J. R., "Data acquisition of transient signals in inductively coupled plasma mass spectrometry", *Spectrochimica Acta*, **407**, 301-309, 2000.
- [22] Thomas, R., "A Beginner's Guide to ICP-MS- Part XII: A Review of Interferences", *Spectroscopy*, **17**, 24-31, October 2002.
- [23] EPA Method 200.8, "Determination of trace elements in Waters and Wastes by Inductively Coupled Plasma- Mass Spectrometry"; revision 5.4, 1994.
- [24] Busch, K., "A Glossary for Mass Spectrometry", *Mass Spectroscopy*, **17**, 26-34, June 2002.

[25] NP EN ISO 9000:2000, "Sistemas de Gestão da Qualidade: Fundamentos e Vocabulário"; Instituto Português da Qualidade, Março 2001.

[26] NP EN ISO/IEC 17025:2005, "Requisitos Gerais de Competência para Laboratórios de Ensaio e Calibração"; Instituto Português da Qualidade, segunda edição, 2005.

[27] ISO 8466-1, "Water Quality- Calibration and Evaluation of Analytical Methods and Estimation of Performance Characteristics- Part 1: Statistical evaluation of the linear calibration function"; first edition, 1990.

[28] ISO 8466-2, "Water Quality- Calibration and Evaluation of Analytical Methods and Estimation of Performance Characteristics- Part 2: Calibration strategy for non-linear second- order calibration functions"; second edition, 2001.

[29] Guia RELACRE 3: "Validação de Resultados em Laboratórios Químicos", RELACRE, Lisboa, 1996.

[30] Babinski, M., Cantagalo, M. e Iyer, S., "Obtenção de reagentes ultrapuros através da Destilação por Sub-ebulição", *Química Nova*, **12**, 374-375, 1989.

[31] Richter, R., Link, D. and Kingston, H. M., "On-Demand Production of High-Purity Acids in the Analytical Laboratory", *Spectroscopy*, **15**, 38-40, 2000.

[32] Vaughan, M., Horlick, G. and Tan, S., "Effect of operating parameters on analyte signals in inductively coupled plasma mass spectrometry", *Journal of Analytical Atomic Spectrometry*, **2**, 765-772, 1987.

[33] Laborda, F., Górriz, M. P., Bolea, E. and Castillo, J. R., "Mathematical correction for polyatomic interferences in the speciation of chromium by liquid chromatography-inductively coupled plasma quadrupole mass spectrometry", *Spectrochimica Acta Part B*, **61**, 433-437, 2006.

[34] Miller, J.C. and Miller, J.N.; "Statistics for Analytical Chemistry"- Ellis Horwood, 3<sup>rd</sup> edition, 1993.

[35] Lee, J., Jang, C., Wang, S. and Liu, C., "Evaluation of potencial health risk of arsenic-affected groundwater using indicator Kriging and dose response model", *Science of the Total Environment*, **384**, 151-162, 2007.

- [36] Liao, C., Shen, H., Chen, C., Hsu, L., Lin, T., Chen, S. and Chen, C., "Risk assessment of arsenic-induced internal cancer at long-term low dose exposure", *Journal of Hazardous Materials*, **165**, 652-663, 2008.
- [37] Recomendação IRAR nº 04/2005, "Controlo do arsénio na água para consumo humano", Instituto Regulador de Águas e Resíduos, Setembro 2005.
- [38] Sawyer, C.; Mc Carty, P.; "Chemistry for environmental engineering"- Mc Graw Hill, pp. 518-519, 3<sup>rd</sup> edition, 1978.
- [39] <http://www.ine.pt>; 22-06-2009.
- [40] Ammann, A., "Inductively coupled plasma mass spectrometry (ICP-MS): a versatile tool", *Journal of Mass Spectrometry*, **42**, 412-427, 2007.
- [41] Eaton, A.; Clesceri, L.; Rice, A.; Greenberg, A.; "Standard Methods for Examination of Water and Wastewater"- pp. 3-45- 3-53, 21<sup>th</sup> edition, USA, 2005.
- [42] Fraser, M. M. and Beauchemin, D., "Effect of concomitant elements on the distribution of ions in inductively coupled plasma mass spectrometry- part 2: polyatomic ions", *Spectrochimica Acta Part B*, **56**, 2479-2495, 2001.
- [43] Bednar, A. J., "Determination of vanadium by reaction cell inductively coupled plasma mass spectrometry", *Talanta*, **78**, 453-457, 2009.
- [44] Todolí, J. and Mermet, J., "Acid interferences in atomic spectrometry: analyte signals effects and subsequent reduction", *Spectrochimica Acta Part B*, **54**, 895-929, 1999.
- [45] Tangen, A. and Lund, W., "A multivariate study of the acid effect and the selection of internal standards for inductively coupled plasma mass spectrometry", *Spectrochimica Acta Part B*, **54**, 1831-1838, 1999.
- [46] Sartoros, C. and Salin, E., "Automatic selection of internal standards in inductively coupled plasma-mass spectrometry", *Spectrochimica Acta Part B*, **54**, 1557-1571, 1999.

[47] Al-Ammar, A., Gupta, R. and Barnes, R., "Elimination of boron memory effect in inductively coupled plasma-mass spectrometry by ammonia gas injection into the spray chamber during analysis", *Spectrochimica Acta Part B*, **55**, 629-635, 2000.

[48] Sah, R. and Brown, P., "Boron determination- A review of analytical methods", *Microchemical Journal*, **56**, 285-304, 1997.

[49] Allibone, J., Fatemian, E. and Walker, P., "Determination of mercury in potable water by ICP-MS using gold as a stabilising agent", *Journal of Analytical Atomic Spectrometry*, **14**, 235-239, 1999.

[50] Fatemian, E., Allibone, J. and Walker, P., "Use of gold as a routine and long term preservative for mercury in potable water, as determined by ICP-MS", *The Analyst*, **124**, 1233-1236, 1999.