
List of Bibliographies

The works listed below direct the reader to additional information on specific subjects. For the works cited specifically in the text of this book, see List of Works Cited on page 770.

Analytical Chemistry

- APHA (American Public Health Association). 1998. *Standard Methods for the Examination of Water and Wastewater*, 20th ed.; APHA, American Water Works Association, and Water Pollution Control Federation: Washington, DC.
- APHA. 2001. *Supplement to Standard Methods for the Examination of Water and Wastewater*, 20th ed.; APHA, American Water Works Association, and Water Pollution Control Federation: Washington, DC.
- ASTM (American Society for Testing and Materials). 2001. *Standard Practice for Preparation, Standardization, and Storage of Standard and Reagent Solutions for Chemical Analysis*, E200-97(2001)e1; ASTM: West Conshohocken, PA.
- Dux, J.P. 1990. *Handbook of Quality Assurance for the Analytical Chemistry Laboratory*, 2nd ed.; Van Nostrand Reinhold: New York.
- Friebolin, H. 2005. *Basic One- and Two-Dimensional NMR Spectroscopy*, 4th ed.; Wiley-VCH: New York.
- Funk, W., Dammann, V., and Donnevert, G. 1996. *Quality Assurance in Analytical Chemistry*; Wiley-VCH: New York.
- Günzler, H., and Gremlich, H.-U. 2002. *IR Spectroscopy: An Introduction*. Wiley-VCH: New York.
- Harris, D.C. 2002. *Quantitative Chemical Analysis*, 6th ed.; W.H. Freeman: New York.
- Huber, L. 1998. *Validation and Qualification in Analytical Laboratories*; CRC Press: Boca Raton, FL.
- Kenkel, J. 2003. *Analytical Chemistry for Technicians*, 3rd ed.; Lewis Publishers: Boca Raton.
- Kingston, H.M., and Haswell, S.J., Eds. 1997. *Microwave-Enhanced Chemistry: Fundamentals, Sample Preparation, and Applications*; American Chemical Society: Washington, DC.
- Latimer, W.M., and Hildebrand, J.H. 1951. *Reference Book of Inorganic Chemistry*, 3rd ed.; Macmillan: New York.

- Potts, P.J. 1987. *A Handbook of Silicate Rock Analysis*; Chapman & Hall: New York.
- Schomburg, G. 1990. *Gas Chromatography: A Practical Course*; Wiley-VCH: New York.
- Schwedt, Georg. 1997. *The Essential Guide to Analytical Chemistry*. B. Haderlie, trans. John Wiley: New York.
- Settle, F.A. 1997. *Handbook of Instrumental Techniques for Analytical Chemistry*; Prentice-Hall: Upper Saddle River, NJ.
- Skoog, D.A., Holler, F.J., and Nieman, T.A. 1998. *Principles of Instrumental Analysis*, 5th ed.; Saunders College Publishing: Philadelphia.
- Vogel, A.I., and Bassett, J., eds. 1980. *Vogel's Testbook of Quantitative Inorganic Analysis, Including Elementary Instrumental Analysis*, 4th ed.; Longmans: New York.
- Willard, H.H., Dean, J.A., Settle, F.A., and Merritt, L.L., Eds. 1988. *Instrumental Methods of Analysis*, 7th ed.; Wadsworth: Belmont, CA.

ICP Mass Spectroscopy

- Houk, R.S. 1986. The Mass Spectrometry of Inductively Coupled Plasmas. *Anal. Chem.* 6:97A.
- Hutton, R., Walsh, A., Milton, D., and Cattle, J. 1991. Ultratrace Elemental Analysis by Plasma Source High Resolution Mass Spectrometry. *ChemSA*, 17:213–215.
- Jiang, S.J., Houk, R.S., and Stevens, M.A. 1988. The Determination of K Isotope Ratios by ICP–MS. *Anal. Chem.* 60:1217.
- Montaser, A. 1998. *Inductively Coupled Plasma Mass Spectrometry*; Wiley-VCH: New York.
- Tanner, S.D. 1995. Characterization of Ionization and Matrix Suppression in Inductively Coupled ‘Cold’ Plasma Mass Spectrometry. *J. Anal. Atomic Spectrom.* 10:905.
- Tanner, S.D., and Baranov, V.I. 1999. Theory, Design and Operation of a Dynamic Reaction Cell ICP–MS. *Atomic Spectrosc.* 20(2):45–52.
- Turner, P., Merren, T., Speakman, J., and Haines, C. 1996. *Plasma Source Mass Spectrometry: Developments and Applications*; Royal Society of Chemistry: Cambridge, U.K., pp. 28–34.

Limits of Detection

- PerkinElmer, Inc. 2004. *Guide to Inorganic Analysis*; PerkinElmer: Shelton, CT.
- Semiconductor Equipment and Materials International (SEMI). 2005. *Guide for Determination of Method Detection Limits*, Standard C10-0305 (supercedes C10-0299); SEMI: San Jose, CA.

Measurement Techniques

- NIST (National Institute of Standards and Technology). 1974. *NBSIR 74-461: The Calibration of Small Volumetric Laboratory Glassware*; NIST: Gaithersburg, MD.
- NIST. 1986. *NIST 145: Handbook for the Quality Assurance of Metrological Measurements*; Oppermann, H.V., Taylor, J.K.; National Bureau of Standards: Gaithersburg, MD, 1986. (superceded by NIST IR 6969)

NIST. *NIST 105 Series Handbooks: Specifications and Tolerances for Reference Standards and Field Standard Weights and Measures*, 105-1 through 105-8; NIST: Gaithersburg, MD.
NIST. *NIST IR 6969: Selected Laboratory and Measurement Practices and Procedures To Support Basic Mass Calibrations*; NIST: Gaithersburg, MD. (supercedes NIST 145)

Mercury Determination

McIntosh, S. 1993. The Determination of Mercury at Ultratrace Levels Using an Automated Amalgamation Technique. *Atomic Spectrosc.* 14:47.

Physical Properties

BHD Chemicals, Ltd. 1984. “*AnalaR*” *Standards for Laboratory Chemicals*, 8th ed.; Whitefriars Press: London and Tonbridge, U.K.
CambridgeSoft Corp. *ChemFinder.com: Database and Internet Searching*. <http://www.chemfinder.com> (accessed March 2005).
Food Chemicals Codex, 5th ed. 2003. Committee on Food Chemicals Codex, Food and Nutrition Board, Institute of Medicine; National Academies Press, Washington, DC.
Merck Index: An Encyclopedia of Chemicals, Drugs, and Biologicals, 13th ed. 2001. O’Neil, M.J., Smith, A., Heckelman, P.E., Budavari, S., Eds.; Merck: Whitehouse Station, NJ.
Societe Prolabo. 1981. *Prolabo Analytical Standards for Reagents*. Rhone-Poulenc: Paris, France.
United States Pharmacopeia and National Formulary. 2005. USP 28–NF 23; U.S. Pharmacopoeial Convention: Rockville, MD.

Plasma Emission Spectroscopy

Barnard, T., Crockett, M.J., Ivaldi, M., and Lundberg, P. 1993. Design of an Echelle Optical System for ICP–OES. *Anal. Chem.* 60:9.
Barnard, T., Crockett, M., Ivaldi, J., Lundberg, P., Yates, D., Levine, P., and Sauer, D. 1993. Solid State Detectors for ICP–OES. *Anal. Chem.* 60:9.
Ivaldi, J., and Barnard, T. 1992. Advantages of Coupling Multivariate Data Techniques for Simultaneous ICP–OES Spectra. *Spectrochim. Acta* 48B:12.

Trace Analysis

Butcher, D.J., and Sneddon, J. 1998. *A Practical Guide to Graphite Furnace Atomic Absorption Spectrometry*; Wiley-Interscience: New York.
Montasser, A., and Golightly, D.W. 1992. *Inductively Coupled Plasmas in Analytical Atomic Spectrometry*; Wiley-VCH: New York.
Slavin, W., Manning, D.C., and Carnrick, G.R. 1981. The Stabilized Temperature Platform Furnace. *Atomic Spectrosc.* 2:137.
Thomas, R. 2003. *Practical Guide to ICP-MS*; Marcel Dekker: New York.
Welz, B., and Sperling, M. 1999. *Atomic Absorption Spectrometry*; Wiley-VCH: New York.

Ultratrace Environment

- Boutron, C.F. 1990. A Clean Laboratory for Ultra-low Concentration Metal Analysis. *Fresenius J. Anal. Chem.*, 337:482–491.
- Hanley, Q.S., Earle, C.W., Pennebaker, F.M., Madden, S.P., and Denton, M.B. 1996. Charge-Transfer Devices in Analytical Instrumentation. *Anal. Chem.* 68(21): 661A–667A.
- ISO (International Organization for Standardization). 1999. *ISO 14644-1: Cleanrooms and Associated Controlled Environments. Part 1. Classification of air cleanliness*. ISO: Geneva, Switzerland.
- ISO. 2000. *ISO 14644-2: Cleanrooms and Associated Controlled Environments. Part 2. Specifications for testing and monitoring to prove continued compliance with ISO 14644-1*. ISO: Geneva, Switzerland.
- Moody, J., 1982. The NBS Clean Laboratories for Trace Element Analysis. *Anal. Chem.* 54:13, 1358A–1376A.