

ANALYTICAL CHEMISTRY QUESTIONS

1. In which field's analytical chemistry is used?
A) Research
B) Medicine
C) Environmental protection
D) All of the above
2. In which branch of chemistry fluorometry is used?
A) Organic
B) Inorganic
C) Physical
D) Analytical
3. Which sample is said to be semi micro sample if its size is as given below?
A) 250mg
B) 50mg
C) 5mg
D) 150mg
4. If I want to distinguish between two corresponding signals what should I measure?
A) Selectivity
B) Precision
C) Sensitivity
D) Speed
5. Which of the following qualitative criteria is not used by analyst?
A) Economic factor
B) Reliability of the reactants
C) Accuracy of the results
D) Detection power
6. Which of the following technique has lowest precision (%)?
A) Gravimetry
B) Voltametry
C) Atomic spectroscopy
D) Chromatography

Analytical Chemistry Test Questions

Karin Nielsen-Saines



Analytical Chemistry Test Questions:

Analytical Chemistry for Technicians John Kenkel, 2002-10-29 Surpassing its bestselling predecessors this thoroughly updated third edition is designed to be a powerful training tool for entry level chemistry technicians *Analytical Chemistry for Technicians Third Edition* explains analytical chemistry and instrumental analysis principles and how to apply them in the real world A unique feature of this edition is that it brings the workplace of the chemical technician into the classroom With over 50 workplace scene sidebars it offers stories and photographs of technicians and chemists working with the equipment or performing the techniques discussed in the text It includes a supplemental CD that enhances training activities The author incorporates knowledge gained from a number of American Chemical Society and PITTCON short courses and from personal visits to several laboratories at major chemical plants where he determined firsthand what is important in the modern analytical laboratory The book includes more than sixty experiments specifically relevant to the laboratory technician along with a Questions and Problems section in each chapter *Analytical Chemistry for Technicians Third Edition* continues to offer the nuts and bolts of analytical chemistry while focusing on the practical aspects of training

Analytical Chemistry for Technicians, Second Edition John Kenkel, 1994-07-22 The second edition of *Analytical Chemistry for Technicians* provides the nuts and bolts of analytical chemistry and focuses on the practical aspects for training a technician level laboratory worker This edition presents new and expanded chapters innumerable questions and problems and modified experiments that present a fresh and challenging approach Some of the topics that have been expanded include chemical equilibrium chromatography Kjeldahl method and molarity and moles where EDTA and water hardness calculations are concerned New discussions of the Ag/AgCl and combination pH electrodes have been added while the discussion of ion selective electrodes has been expanded The chapter introducing instrumental analysis and computers now includes discussions of $y = mx + b$ and the method of least squares The book also includes discussions of FTIR topics of NMR and mass spectrometry which are found in the new infrared spectrometry chapter

The Analytical Chemistry of Silicones A. Lee Smith, I. M. Kolthoff, 1991-01-16 High Resolution Solid State NMR of Silicates and Zeolites Gunter Engelhardt and Dieter Michel I strongly recommend this book as an important reference for scientists concerned with the structural properties of siliceous materials *Applied Spectroscopy* This well organized and up to date text gives a thorough account of the wide range of applications of multinuclear high resolution solid state NMR spectroscopy in silicate and zeolite science with emphasis on the kinds of chemical information retrievable from NMR experiments 1988 0 471 91597 1 485 pp *The Chemistry of Silica Solubility Polymerization Colloid and Surface Properties and Biochemistry* Ralph K. Iler A major component of the earth's solid surface and the constituent of sand silica an ageless natural staple is also integral to industries as diverse as chemistry biology medicine agriculture metallurgy and mining This landmark reference details the chemistry surrounding the research and development of silica as well as information on its production and production control 1979 0 471 02404 X 866 pp *The Chemistry of Organic Silicon*

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