

ANALYTICAL CHEMISTRY

Reviews

- | | | |
|---|--|--|
| 1R Amperometric Titrations
J. T. Stock | 213R Gas Chromatography
S. P. Cram and
R. S. Juvet, Jr. | 438R Nucleonics
W. S. Lyon, Enzo Ricci, and
H. H. Ross |
| 9R Biochemical Analysis
M. K. Schwartz | 241R Infrared Spectrometry
R. S. McDonald | 445R Organic Elemental Analysis
T. S. Ma and Milton
Gutterson |
| 33R Chemical Microscopy
G. G. Cocks | 251R Inorganic Analysis
P. W. West and F. K. West | 457R Organic Polarography
D. J. Pietrzyk |
| 42R Chromatography
Gunter Zweig and
J. E. Sherma | 256R Ion Exchange
H. F. Walton | 478R Polarographic Theory,
Instrumentation, and
Methodology
R. S. Nicholson |
| 79R Electroanalysis and
Coulometric Analysis
D. G. Davis | 270R Ion Selective Electrodes,
Potentiometry, and
Potentiometric Titrations
R. P. Buck | 490R Raman Spectrometry
R. E. Hester |
| 85R Electrochemical Relaxation
Techniques
D. K. Roe | 295R Kinetic Aspects of Analytical
Chemistry
R. A. Greinke and
H. B. Mark, Jr. | 497R Statistical and Mathematical
Methods in Analytical
Chemistry
L. A. Currie, J. J. Filliben,
and J. R. DeVoe |
| 97R Electron Microscopy
J. H. McAlear | 300R Light Absorption
Spectrometry
D. F. Boltz and
M. G. Mellon | 513R Thermal Analysis
C. B. Murphy |
| 100R Electron Spectroscopy .
I. Ultraviolet Photoexcitation
D. Betteridge | 324R Magnetic Susceptibility.
Instrumentation and
Applications Including
Lunar and Biotype
L. N. Mulay and I. L. Mulay | 524R Titration in Nonaqueous
Solvents
J. J. Lagowski |
| 106R Electron Spectroscopy .
II. X-Ray Photoexcitation
D. M. Hercules | 337R Mass Spectrometry
A. L. Burlingame and
G. A. Johanson | 535R Ultraviolet Spectrometry
R. A. Hummel and
D. C. Kaufman |
| 113R Electron Spin Resonance
E. G. Janzen | 378R Microwave Spectroscopy
L. H. Scharpen and
V. W. Laurie | 543R Use of Enzymes in Analytical
Chemistry
M. M. Fishman and
H. F. Schiff |
| 122R Emission Spectrometry
R. M. Barnes | 384R Mössbauer Spectrometry
J. G. Stevens, J. C. Travis,
and J. R. DeVoe | 557R X-Ray Absorption and
Emission
L. S. Birks |
| 150R Flame Spectrometry
J. D. Winefordner and
T. J. Vickers | 407R Nuclear Magnetic
Resonance Spectrometry
P. L. Corio, S. L. Smith, and
J. R. Wasson | 563R X-Ray Diffraction
C. E. Pfluger |
| 182R Fluorometric Analysis
C. E. White and
Alfred Weissler | | |
| 207R Functional Group Analysis
W. T. Smith, Jr., and
J. M. Patterson | | |

Authors' Biographies

- | | | | |
|------------------------------|------------------------------|-----------------------------|------------------------------|
| 6A Barnes, R. M. | 14A Gutterson, Milton | 10A Mellon, M. G. | 13A Smith, S. L. |
| 6A Betteridge, D. | 6A Hercules, D. M. | 11A Mulay, I. L. | 8A Smith, Jr., W. T. |
| 16A Birks, L. S. | 15A Hester, R. E. | 10A Mulay, L. N. | 12A Stevens, J. G. |
| 10A Boltz, D. F. | 16A Hummel, R. A. | 15A Murphy, C. B. | 4A Stock, J. T. |
| 9A Buck, R. P. | 6A Janzen, E. G. | 15A Nicholson, R. S. | 12A Travis, J. C. |
| 11A Burlingame, A. L. | 11A Johanson, G. A. | 8A Patterson, J. M. | 7A Vickers, T. J. |
| 4A Cocks, G. G. | 8A Juvet, Jr., R. S. | 16A Pfluger, C. E. | 9A Walton, H. F. |
| 13A Corio, P. L. | 16A Kaufman, D. C. | 14A Pietrzyk, D. J. | 13A Wasson, J. R. |
| 8A Cram, S. P. | 16A Lagowski, J. J. | 13A Ricci, Enzo | 7A Weissler, Alfred |
| 15A Currie, L. A. | 12A Laurie, V. W. | 5A Roe, D. K. | 9A West, F. K. |
| 5A Davis, D. G. | 13A Lyon, W. S. | 14A Ross, H. H. | 9A West, P. W. |
| 12A DeVoe, J. R. | 14A Ma, T. S. | 12A Scharpen, L. H. | 7A White, C. E. |
| 15A Filliben, J. J. | 10A Mark, Jr., H. B. | 16A Schiff, H. F. | 7A Winefordner, J. D. |
| 16A Fishman, M. M. | 5A McAlear, J. H. | 4A Schwartz, M. K. | 4A Zweig, Gunter |
| 10A Greinke, R. A. | 8A McDonald, R. S. | 5A Sherma, J. E. | |

You get better results when you see things our way

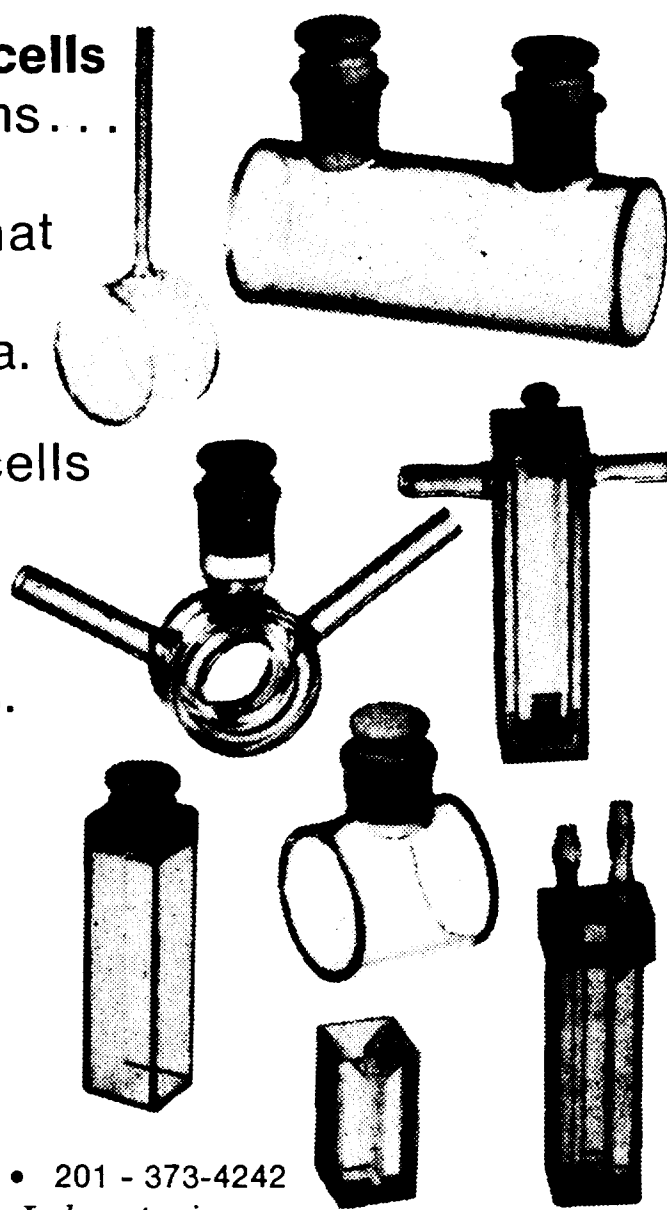
The new Luminon spectrophotometer cells feature fully fused quartz or glass seams . . . no low melting intermediate cements to cause problems. This also insures that the cells are impervious to cleaning solutions and other deteriorating media.

Luminon produces a complete line of cells for U.V., far U.V., near U.V., visible light and near I.R. And, if needed, we can produce customized cells to your specifications.

For information on our complete line of low priced cells, write today.



122 Coit Street, Irvington, N. J. 07111 • 201-373-4242
Associated with International Crystal Laboratories



© Copyright 1972

by the American Chemical Society



MANUSCRIPT REQUIREMENTS published in December 1971 issue, page 2039, outlines scope and copy requirements to be observed in preparing manuscripts for consideration. Manuscript (4 copies) should be submitted to ANALYTICAL CHEMISTRY, 1155 Sixteenth St., N.W., Washington, D.C. 20036.

The American Chemical Society assumes no responsibility for the statements and opinions advanced by contributors to its publications. Views expressed in the editorials are those of the editors and do not necessarily represent the official position of the American Chemical Society.

1972 Subscription Rates

	1 yr.	2 yr.	3 yr.
Members, domestic and foreign	\$ 5.00	\$ 9.00	\$12.00
Nonmembers, domestic and Canada	7.00	12.00	16.00
Nonmembers, foreign except Canada	15.00	27.50	40.00

Postage: Canada and Pan-American Union, \$4.00; foreign, \$5.00. Single copies: current, \$2.00 except Annual Reviews, \$3.00 each. Rates for back issues and volumes are available from Special Issues Sales Dept., 1155 Sixteenth St., N.W., Washington, D.C. Claims for missing numbers will not be allowed if received more than 60 days from date of mailing plus time normally required for postal delivery of journal and claim. No claims allowed because of failure to notify the Subscription Service Department of a change of address or because copy is "missing from files."

Those interested in joining the American Chemical Society should write to Admissions Department at the Washington Office.

Published monthly with Review issue added in April and a Laboratory Guide in July by the American Chemical Society, from 20th and Northampton Sts., Easton, Pa. 18042; Executive Offices, Editorial Headquarters, and Subscription Service Department, 1155 Sixteenth St., N.W., Washington, D.C. 20036; Advertising Office, 142 East Ave., Norwalk, Conn. 06851. ANALYTICAL CHEMISTRY and other ACS periodicals are available on microfilm. For information write to: MICROFILM, Special Issues Sales, American Chemical Society, 1155 Sixteenth St., N.W., Washington, D.C. 20036. Second class postage paid at Washington, D.C. and at additional mailing offices.

CHANGE OF ADDRESS: Notify Subscription Service Department, American Chemical Society, 1155 Sixteenth St., N.W., Washington, D.C. 20036. Such notification should include both old and new addresses, with ZIP code numbers, and be accompanied by mailing label from a recent issue. Allow four weeks for change to become effective.

CIRCLE 1 ON READER SERVICE CARD