
New Products

Peptide Synthesis and Purification

At the Pittsburgh Conference, Polymer Laboratories will be launching new products for peptide synthesis and purification, with its "winning combination" of peptide synthesis resins, instrumentation and polymeric HPLC purification media.

A solid phase reactor (PL-SPR) is being previewed, which PL has developed for the fully-automated synthesis of peptides at the gram level, based on unique technology designed for both very low crosslinked synthesis resins and supported rigid material. PL will be launching economical high load synthesis resins for use in all scales of operation.

PLRP-S polymeric reversed phase media and columns from PL provide high efficiency analytical and preparative separations for peptides, with long term stability and freedom from contaminants. Peptide standards are provided by SPI, distributed by PL, for the evaluation and optimization of separation strategy and routine validation.

Contact: Polymer Laboratories Ltd., Essex Road, Church Stretton, Shropshire SY6 6AX, UK; Tel. (0694) 723581; Fax (0694) 722171.

Ultra-Micro Pipetting Systems

The P2 and P10 are the latest additions to the Pipetman® family of high-precision pipettes. The pipettes are for micro-pipetting at extremely low volumes; the P2 for volumes from 0.1 to 2 µL and the P10 for volumes from 0.5 to 10 µL. The pipettes are used with a new, specially manufactured micro-tip.

Features include a special pipetting mechanism for control of nanolitre volumes, a totally enclosed piston to prevent contamination or damage, and reduced barrel length for easier and accurate placement of the pipette.



The tips are manufactured from virgin, RNase and metal-free polypropylene to prevent any possible contamination and offer a low internal volume to reduce the effects of evaporation. These microtips come in a convenient 96-hole rack, sealed in a porous plastic pack to allow autoclaving and prevent airborne contamination.

These micro-pipetting systems are recommended for peptide synthesis, protein synthesis, and DNA sequencing.

Further information: Gilson Medical Electronics (France) S.A., B.P. 45, F-95400 Villiers-le-Bel, France; Tel. 33 (1) 34295000.

New Literature

HPLC/HPCE Newsletter from Beckman

The November 1990 issue of CHROMATOGRAM is now available worldwide from Beckman Instruments. This 12-page technical newsletter reports on developments in HPLC and HPCE applications and techniques, and covers the topics of molecular biology, quality control, medical research, biochemicals, optimal chromatography, HPLC/HPCE news and literature reviews.

Contact: Beckman Instruments, Inc., 2500 Harbor Blvd., Fullerton, CA 92634-3100, USA; Tel. (714) 773 8763.

New Brochure from Gilson Medical Electronics

A new brochure which serves as an aid in configuring HPLC systems with biocompatible components has been published by Gilson Medical Electronics, Inc. The brochure describes how any Gilson HPLC system – new or existing – can be configured for biocompatibility. Several systems are available to meet various sample load, injection and elution requirements.

Contact: Gilson Medical Electronics, Inc., 3000 W. Beltline Highway, Middleton, WI 53562, USA; Tel. (800) 445-7661, or (608) 836-1551.

Industrial Applications for Ion Chromatography

Hamilton Company announces the availability of a 24-page reprint entitled „Industrial Problem Solving by Ion Chromatography”. This reprint contains a number of references and applications for food and beverage, health care, and biotechnology industries that were performed on PRP-X100 anion analysis and PRP-X300 ion exclusion columns.

Contact: Hamilton Company, P.O. Box 10030, Reno, Nevada 89520-0012, USA; Tel. (800) 648-5950, or (702) 786-7077.

Erratum

M.-H. Daurade-Le Vagueresse / M. Bounias

Separation, Quantification, Spectral Properties and Stability of Photosynthetic Pigments on CN-Coated HPTLC Plates

published in Vol. 31, pp 5–10 (1991)

In the Experimental section, p. 5, the correct data for the chloroform-hexane-methanol proportions should read as follows: (I) (25-70-05 v/v); (II) (25-65-10 v/v); (III) (20-70-10 v/v); and (IV) (15-80-05 v/v).