

The Advantage

Innovators of
High Resolution
Chromatography
Products

**Pharmaceutical Researchers,
The Future of ChromatographySM Arrives Today!**

by David Bliesner

Restek Analytical ServicesSM:

- cGMP, HPLC, and GC method development and validation
- Stationary phase development
- Full lines of HPLC and GC columns and accessories
- Innovative hardware and accessory designs
- Unsurpassed HPLC and GC technical support
- HPLC and GC educational services

Restek Corporation is proud to announce the grand opening of Restek Analytical ServicesSM (RAS). RAS is a unique and innovative, current Good Manufacturing Practices (cGMP)-compliant chromatography laboratory, designed to deliver quality products and services for the pharmaceutical market. No other column manufacturer can provide such complete services to support their products. Along with a full line of both HPLC and GC columns, RAS offers analytical method development and validation, HPLC/GC education and training, custom stationary phase design, and cGMP/regulatory services and support.

RAS has assembled seasoned researchers and analysts who

have extensive experience in cGMP method development and validation. These experts are a perfect complement to our existing manufacturing staff. As a group, we understand the pressures and time constraints associated with pharmaceutical research and have practical experience analyzing many of the common drugs currently under development. The entire RAS staff is dedicated to helping you achieve your goals in a timely and compliant fashion.

In addition to offering a complete selection of quality HPLC and GC columns, we can help design tools to fit your unique requirements. We continue to develop new stationary phases and applications in response to customer

inquiries and needs. We can design a product and service package specially for you.

For further information, please request the RAS fulfillment folder (cat.# 59630). This folder includes details on quality assurance, research and development, analytical development and validation, laboratory and regulatory service, and HPLC columns and accessories.

Or, feel free to contact the director of the RAS laboratory, Dr. David Bliesner, to discuss your specific applications. He can be reached at 800-356-1688 or 814-353-1300, ext. 2193. Call us today and find out why RAS is truly the **future of chromatography.**



in this issue

- Restek Analytical Services ...pg. 1
- Chiral Separation of Underivitized Pharmaceuticals ...pg. 3
- Azo Dye Analysis ...pg. 4
- Tribute to Dr. Kovats pgs. 5 & 11
- New Rt-U PLOT Columns ...pg. 6
- OrganoTin Mixes ...pg. 7
- Why Should You use Rtx-CLPesticides Columns? ...pg. 8
- Silcosteel-Treated Injection Ports ...pg. 9
- Ultra-Clean XAD-2 Resin ...Pg. 9
- Rtx-624 Column for Analysis of Rum 81 Scotch ...pg. 10
- Koni's Korner ...pg. 12
- Peak Performers ...pg. 14
- News From Restek ...pg. 16

Spring/Summer
98

Restek Analytical Services

continued from page 1.

RAS has assembled some of the most talented, customer-oriented analysts in the HPLC and pharmaceutical industries. Meet the leaders of RAS:



Dr. David M. Bliesner,
RAS Director

Expertise:

- HPLC method development and validation in a cGMP environment
 - Qualification and operation of cGMP analytical laboratories
 - Thin layer chromatography
 - cGMP auditing and data review
 - 15 years combined R&D and leadership experience
- dbliesner@restekcorp.com**



Larry T. Peters,
RAS Senior
HPLC Technician

Expertise:

- HPLC column packing
 - HPLC column bonding
 - 16 years of experience
- larryp@restekcorp.com**



Randy L. Romesberg,
RAS Production
Group Leader

Expertise:

- R&D and HPLC packing materials and hardware production
 - 9 years of experience
- rrome@restekcorp.com**

RAS Products & Services:

Development & Validation

- HPLC and GC method development and validation
- Ruggedness testing
- Robustness testing
- HPLC column crossover validation
- Method troubleshooting and optimizing

Laboratory & Regulatory Services

- HPLC & GC Educational Services
- Assistance in preparation with CMC sections for NDAs
- Laboratory auditing services
- On-site data review and troubleshooting
- Pre-approval inspection (PAI) preparation assistance

Research & Development

- Developing custom stationary phases
- Designing new hardware and accessories
- Investigating new separation technologies
- Improving existing products

Quality Assurance

- Full compliance with cGMPs
- QA testing is an integrated part of the RAS system

HPLC Columns & Accessories

- Pinnacle, Hypersil, Inertsil, Kromasil, and Nucleosil HPLC columns
- Unsurpassed technical support
- Quality HPLC accessories
- 30-day "no questions asked" return policy
- Stationary phase and hardware design

"In the modern chromatography laboratory, you want one thing — reliable solutions to your chromatographic problems. Previously, when a method could not be reproduced, questions such as, 'Is it the column or did something change in the sample workup?' could not be answered by one source. By combining product development and method development under one umbrella, you can be assured that your problem will be solved with full accountability. Any method validation done by Restek is supported by a team of dedicated scientists with your success in mind. RAS is a fully cGMP compliant laboratory that provides personalized services dependent on your needs. We can provide training, method development and validation, or custom design stationary phases to speed up your analysis or achieve a difficult separation. Please give us a call and let us help you."

David M. Bliesner, Ph.D.
Director, RASSM



David S. Bell,
RAS Senior
Researcher

Expertise:

- HPLC method development and validation in a cGMP environment
 - Thin layer chromatography
 - 8 years of experience
- dbell@restekcorp.com**



Keith J. Duff,
RAS R&D Group
Leader

Expertise:

- HPLC bonded phase synthesis
 - Synthetic chemistry
 - HPLC method development
 - 16 years of experience
- keithd@restekcorp.com**



**Restek
Analytical
Services**