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ZirChrom Separations Inc. and Sachtleben Chemie GmbH Launch New Reversed-Phase Analytical and Preparative Chromatography Columns

New Titania-based Reversed-Phase High Performance Liquid Chromatography (HPLC) Columns Offer Enhanced Retention and Unique Selectivity for both Analytical and Preparative-Scale Liquid Chromatography

Anoka, MN, USA (June 2, 2004) – ZirChrom Separations Inc. and Sachtleben Chemie GmbH today announce their cooperation in the packing, marketing and sales of titania-based HPLC columns. These next generation columns are offered in both analytical and preparative formats, containing a wide selection of particle (3, 5, 10, 20, 40 and 80 micron) and pore (60, 100, 300, and 1000 angstrom) sizes. Sactopore-RP, the newest titania-based reversed-phase, was introduced last week at the PREP 2004 (Preparative / Process Chromatography) trade show at the Baltimore Marriott Waterfront Hotel in Baltimore, MD, USA.

The following unique features make Sactopore-RP columns an ideal choice for today's chromatographer:

- A wide variety of particle and pore sizes for analytical and preparative-scale separations
- Chemical (pH 1-14) and thermal stability over a wider range of operating conditions for more powerful method development
- Enhanced retention for basic drugs in buffered mobile phase compared to bonded phase C18
- Very different selectivity for basic drugs compared to bonded phase C18
- Improved peak shape and efficiency for basic drugs, especially at high pH, compared to C18

ZirChrom CEO, Dr. Clayton McNeff notes on the collaboration, "We are excited about the collaboration with Sachtleben, who is a world leader in high value added titania-based products. Sachtleben brings a long-standing tradition of excellence to the chromatography market as well as the capability to produce large quantities of particles very reproducibly. These new titania-based packings offer the chromatographer a very rugged alternative to silica for both analytical and preparative-scale separations. Our first joint offering, Sactopore-RP, complements the existing line of zirconia-based reversed-phase products. A normal phase titania packing is also available."

About ZirChrom Separations

ZirChrom Separations, Inc. is a company formed in 1995 and located in Anoka, Minnesota. ZirChrom manufactures a full line of ultra-stable high performance chromatographic materials for analysis and purification by high performance liquid chromatography (HPLC).

