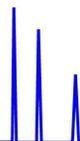




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ZirChrom Separations Inc. Granted New Patent

ZirChrom Separations, Inc. Granted Patent for Chelator-Modified Inorganic Particles

(Anoka, MN) – (October 25, 2012) ZirChrom Separations announces the issue of a patent (US 8,137,548 B2) for its covalently attached Lewis acid deactivation chemistry. This technology was first introduced with the ZirChrom®-MS phase and culminated in the development of the ZirChrom®-Chiral line of stationary phases.

The ZirChrom®-Chiral stationary phases incorporate the unsurpassed chemical and mechanical stability of zirconia with the flexibility of Lewis acid/base anchored chiral selectors. ZirChrom has now introduced six ZirChrom®-Chiral stationary phases including the latest offering; ZirChrom®-CelluloZe.

Zirconia has many attractive properties for HPLC, including spherical particle shape and narrow size distribution. Additionally, it exhibits unsurpassed chemical and mechanical stability. Its surface chemistry is very different from silica gel due to the presence of a high population of strong Lewis acid (Zr^{+4}) sites. The synthesis of the ZirChrom®-Chiral stationary phases capitalizes on the presence of Lewis acid sites on the surface of zirconia to provide a more robust and chemically flexible platform for chiral stationary phase design.

ZirChrom COO, Steven Rupp comments, “ZirChrom’s tradition of innovation is once again validated with our eleventh patent. We will carry on with this tradition by continuously offering novel, zirconia-based, solutions for the most difficult HPLC separations.”

About ZirChrom Separations Inc.

ZirChrom Separations, Inc. (www.zirchrom.com) was founded in 1995 and is located in Anoka, Minnesota. The company offers a complete line of zirconia and titania-based high performance liquid chromatography (HPLC) columns to pharmaceutical, biotechnology, industrial, and university laboratories. ZirChrom’s products have outstanding stability and unique selectivity, expanding the operating range available to scientist for the most challenging HPLC applications.

