Regis Technologies has added Supercritical Fluid Chromatography (SFC) to its GMP-approved chiral separations services, offering pharmaceutical and other industries an expanded separation service that uses a superior technique with cost and time efficiencies.

**Superior Method**

Supercritical Fluid Chromatography (SFC) is now gaining increased acceptance as the method-of-choice for the analysis and purification of chiral separations. Although a well-established method for over 20 years, renewed interest emerged with the recent introduction of high throughput SFC systems required for pharmaceutical applications. With the method’s ability to accommodate flexible solvent conditions, SFC provides a superior chiral purification method compared to traditional HPLC.

**Cost Efficient**

Several factors combine to reduce the cost of SFC separations without sacrificing purity, including:

- Faster run times
- Flexible solvent conditions
- Lower solvent use as SFC typically utilizes carbon dioxide as the mobile phase
- Reduced waste for disposal
- Less ancillary equipment required

**Complete SFC Service**

Regis Technologies now offers RegisSEP™ SFC Separations Services. This valuable addition to our chromatographic separations group delivers benefits that no other separation method can provide. Turn to our expert staff to help solve your separations problems. Experience excellence in project management all your separations projects. Expand your capabilities overnight with our GMP compliant service that can tackle projects for the scale you need—from milligram- to kilo-scale.

For more information visit www.registech.com/regissep
Leverage the Added Value from Regis Technologies

• Reliability and Experience
Regis Technologies has been serving the pharmaceutical, biotechnology, and related industries for over 50 years. As a leader in separations services, Regis has been involved in chiral and achiral separations for over 25 years and supplies specialty chiral columns and other chromatography products. The company’s decades of experience are unmatched in the field.

• GMP Compliant Organization
Regis Technology has been a fully compliant GMP organization since 1993. We manufacture APIs under GMP and are regularly inspected by the FDA. In this manner, we become an FDA approved extension of your manufacturing facility.

• Production Capabilities
Regis’ Production department works hand-in-hand with the separations group to provide GMP productions support for the many separation projects included in your synthesis. Regis’ Production department is headed by a 23-year industry veteran. Production equipment ranges from small glassware to kilogram suites to reactors ranging from 25 to 500 gallons. Regis production also utilizes large glass gravity chromatography columns with a total capacity of up to 175 kg of silica.

• Bulk Phases
Cut lead time and expense. As a manufacturer of Chiral Stationary Phases, we inventory our bulk material so it is readily available for your separation projects.

• High-Throughput SFC Systems
Regis Technologies uses Thar SFC Method Station with Regis Technologies columns. Regis chose the Thar system for its quality, and because of their ease of validation.

• Supportive Departmental Services
Your project will benefit from Regis’ extensive organization including QA, Analytical Method Development, QC, Stability, and Project Management. These departments all contribute according to the needs of the project and of the customer.
Fast Project Execution
Our experience and proven processes translate into efficient project executions, thereby reducing your time to market.

Screening & Assessment Process
Regis’ formal screening and critical assessment process is quick and easy, and ensures agreement for best results. For the initial screen, our experienced chromatographers use the wealth of their experience to select the best column performers of more than 50 available for your separations. This initial phase is most critical, enabling the project to move forward.

Regis continues to offer confidential free chiral screening services using its proprietary phases on both LC and SFC units—your first and only stop in determining which stationary phase meets your compound’s needs.

Scaling Up Process
Our GMP compliant service can tackle projects for the scale you need—from milligram- to kilo-scale. Regis Technologies formal process enables us to provide you with accurate quotes and yields, and shows the basic steps for how we progress from small-scale analytical to kilogram preparative separations.

For additional information on RegisSEP™, please e-mail sfc@registech.com. Or call Mr. Francis Mannerino, Director of Chromatography, 847.583.7662 or Mr. Sean Bradley, Director of Business Development, 847.583.7631. We look forward to being of service to your organization.