

News release

March 9th, 2015

Kromasil SFC columns – Designed for green technology

We are pleased to announce the new Kromasil SFC family of chromatography columns as part of our continued worldwide support to scientists focused on green technologies.

Because of its use of supercritical carbon dioxide as major component of the mobile phase, Supercritical Fluid Chromatography (SFC) greatly reduces the need for organic solvents compared to regular high performance liquid chromatography. SFC is therefore generally considered as the green technology of the chromatography world.

The new Kromasil SFC columns are based on the trusted, high performance, state-of-the-art spherical Kromasil silica, assuring for a product of reliable and reproducible quality, giving peace of mind to chromatographers in the laboratory.

Available in a quartet of phases, including bare silica as well as cyano, diol, and 2-ethylpyridine chemistries, these new Kromasil SFC columns are targeted for research and development as well as for routine analysis. With these chemistries, the laboratory scientist is able to separate and analyze a wide range of substances, from non-polar to strongly polar compounds.

Based on smaller 2.5 µm particle size technology, Kromasil SFC columns are designed for fast separations. Medium and high-throughput laboratories looking to improve efficiency are now able take advantage of the separation power of these new Kromasil SFC columns for screening drug candidates with a wide variety of structures.

Endorsed by more than 25 years of stationary phase manufacturing and packing expertise, Kromasil continues to be the family of performance products delivered to customers in the pharmaceutical, food and beverage, clinical and environmental industries.

AkzoNobel is a leading global paints and coatings company and a major producer of specialty chemicals. Calling on centuries of expertise, we supply industries and consumers worldwide with innovative products and sustainable technologies designed to meet the growing demands of our fast-changing planet. Headquartered in Amsterdam, the Netherlands, we have approximately 48,000 people in around 80 countries, while our portfolio includes well-known brands such as Dulux, Sikkens, International and Eka. Consistently ranked as one of the leaders in the area of sustainability, we are committed to making life more liveable and our cities more human.