



AkzoNobel

Tomorrow's Answers Today

Presenting Kromasil 2.5 μm

AkzoNobel is pleased to announce its Kromasil columns with 2.5 μm particles, which are now available for shipment. Kromasil 2.5 μm is the latest implementation of AkzoNobel's 25 years of expertise in spherical silica-based high performance chromatographic media to provide researchers worldwide with reliable 2.5 μm based columns for their laboratory analysis. Specifically, these new columns are the response to scientists' demands for products that enable them fast and efficient method development and analysis using columns with excellent batch-to-batch reproducibility.

Kromasil 2.5 μm columns offer scientists one of the strongest chromatographic products in the market to-date, now in a format that can be used both in HPLC and UHPLC systems. This flexibility permits users to develop and adapt methods for fast turnaround under HPLC conditions or develop robust UHPLC methods. These Kromasil 2.5 μm columns are based on very narrow specification ranges resulting in chromatographic columns with excellent resolution and reproducibility. As the Kromasil 2.5 μm columns are based on the same stationary phase as other Kromasil columns in larger particle size formats, existing HPLC methods can seamlessly be transferred from 5 and 3.5 μm to 2.5 μm methods, maintaining selectivity. As Kromasil columns have the same chemistry configuration across all particle sizes, the straight forward, fast scale down approach supports latest laboratory trends when companies strive to come faster to market, aim to manage the laboratory effectively and address their sustainability goals. Similarly, scale up to attain purification given compounds including pharmaceuticals and other industrial applications is now made easier.

The Kromasil 2.5 μm columns are developed for the majority of reversed-phase chromatographic methods run in the laboratory today which use C18, C8 and C4 phases. These new columns are targeted for a large number of reversed-phase applications including methods being developed at pharmaceutical, food and beverage, clinical and environmental companies.

The moment you adopt our Kromasil High Performance Concept, you join thousands of chromatographers who share a common goal: to achieve better separations when analyzing or isolating pharmaceuticals or other substances.

Not only will you benefit from our patented silica technology, but you gain a strong partner with a reliable track record in the field of silica products. For the past 70 years, we have pioneered new types of silica. Our long experience in the field of silica chemistry is the secret behind the development of Kromasil, and the success of our Separation Products group. Kromasil is available in bulk and in high-pressure slurry-packed columns. The development, production and marketing of Kromasil are ISO 9001 certified.

Kromasil is a brand of AkzoNobel, the largest global paint and coatings company and a major producer of specialty chemicals with headquarters in Amsterdam, the Netherlands. With 55 000 people in more than 80 countries around the world, we are committed to sustainability, excellence and delivering Tomorrow's Answers Today™.

Kromasil®