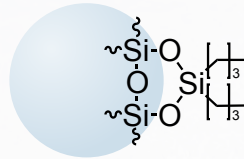


When two are better than one

Kromasil® diC4 stationary phase for peptide and biomolecule separations

- Increased yield
- Reduced use of organic solvent
- Higher loadability
- Higher productivity

Schematic phase
structure for
Kromasil® diC4



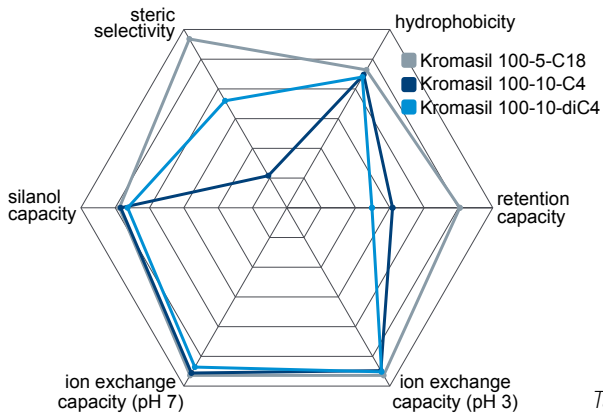
Availability

Kromasil® diC4, a totally porous spherical silica with a dibutyl silane derivatization, is available in bulk with 100 or 300 Å pore size and 10 to 16 µm particle size. These materials are also available in prepacked columns: visit www.kromasil.com for details.

Part numbers

Family	Phase	Particle sizes		
		10 µm	13 µm	16 µm
100 Å	diC4	M10DCblk	M13DCblk	
300 Å	diC4	L10DCblk		L16DCblk

The new alternative in C4 phases

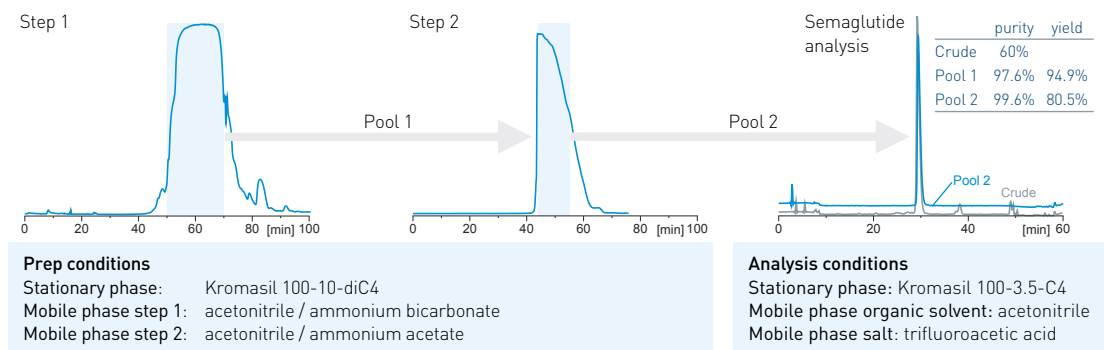
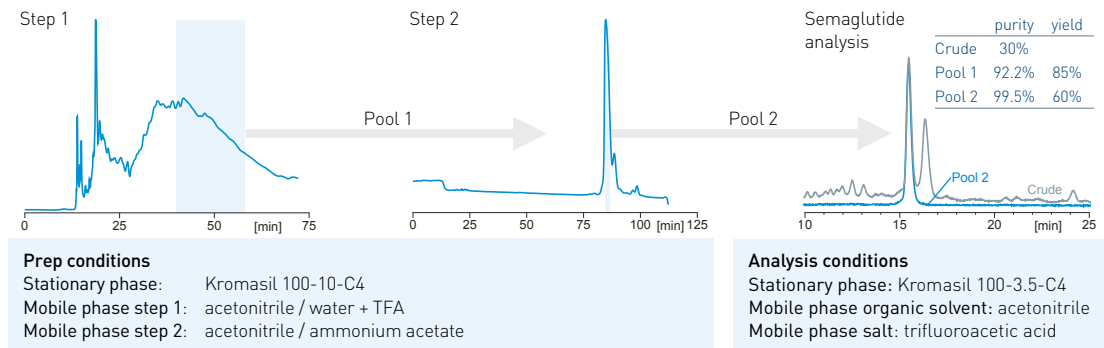


Kromasil® diC4 has strong C4 characteristics in terms of capacity and hydrophobicity. The main difference is a steric selectivity in between a C18 and a C4, more like a C8.

Tanaka test diagram of silica phase characteristics

Selectivity that can push loadability and productivity to new levels

Better loadability on first step gives diC4 a huge lead over C4 in the second step where high purity must be achieved.



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® stationary phases, and the success of our team.

Kromasil® media are available in bulk and in high-pressure slurry-packed columns. The production of Kromasil® chromatography media is ISO 9001 and ISO 14001 certified.

Kromasil® is a brand of Nouryon, a global specialty chemicals leader. Markets and consumers worldwide rely on our essential solutions to manufacture everyday products. The dedication of more than 7650 employees with a shared commitment to our customers, safety, sustainability and innovation has resulted in a consistently strong performance. We operate in over 80 countries around the world with a portfolio of industry-leading brands.



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