

REFLECT™

Immobilized Polysaccharide Chiral Columns

NEW High performance chiral columns at an affordable price



Regis Technologies, a leader in chiral chromatography for more than 45 years, introduces a new line of immobilized chiral columns. Reflect™ immobilized chiral columns are rugged polysaccharide phases suitable for a wide range of chiral compounds. Unique, proprietary, phase coverage provides excellent peak shape and improved resolution versus leading chiral phases. High resolution greatly improves preparative loading, leading to greater productivity and higher purity separations. Combined with attractive pricing and rapid delivery, Reflect chiral columns deliver the performance and productivity you expect.

- Rugged, immobilized phase for long column lifetimes
- High efficiency media with excellent peak shape and loading capacity
- Compatible with a broad range of solvents and separation modes (NP, RP, Polar Organic, SFC)
- Fully scalable from 3- to 20 μ m
- Fast delivery—all sizes, anywhere in the world

Let us help you find the right column for your separation. Regis offers free compound screening with results delivered within three days. Contact us to get started today.

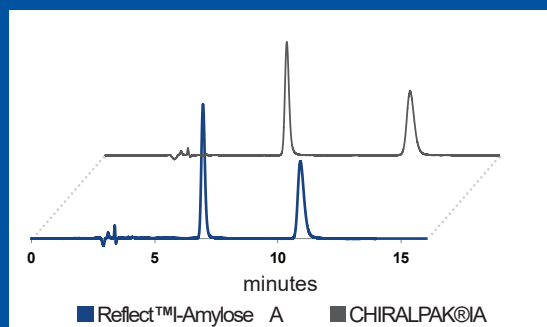


The Reflect™ Guarantee

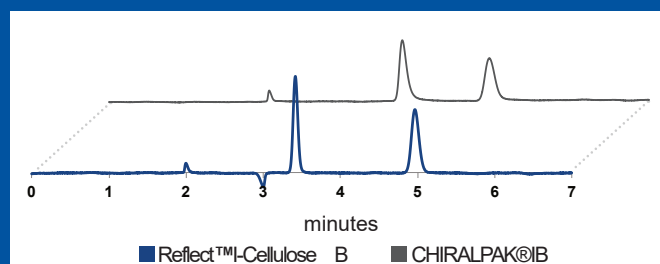
If our analytical columns (≤ 4.6 mm ID) do not provide equivalent or better separations as compared to a competing column of the same particle size, phase type, and dimensions, return the column within 45 days for a full refund. Contact your representative for full details.

Achieve Equal or Better Separations compared to Leading Polysaccharide Phases

Reflect I-Amylose A provides equivalent separation of Chlomezanone



Reflect I-Cellulose B provides better separation of Alprenolol



Compound: Alprenolol
Column Size: 5 μ m, 25 cm x 4.6 mm
Mobile Phase: (90/10/0.1) Hexane/IPA/DEA

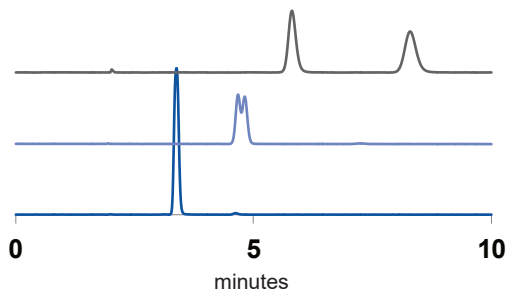
Flow Rate: 1.5 mL/min
Detection: UV230 nm
Catalog #: 1-592204-300

REFLECT™ Immobilized Polysaccharide Chiral Columns



Broad Selectivity

Optimize separation with a range of phases



■ Reflect I-Cellulose A ■ Reflect I-Cellulose B ■ Reflect I-Cellulose C

Compound: Nimodipine

Column Size: 5 µm, 25 cm x 4.6 mm

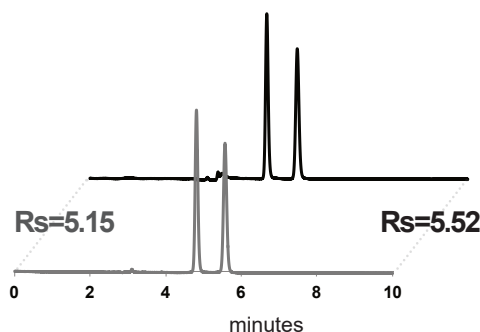
Mobile Phase: (85/15/0.1) Hexane/IPA/DEA

Flow Rate: 1.5 mL/min

Rs: 6.69 on I-Cellulose C

Excellent Stability

No loss of resolution after over 400 column volumes of ethyl acetate



■ Initial run ■ After >400 column volumes of 100% ethyl acetate

Compound: Hydrobenzoin

Column: Reflect I-Amylose A, 5 µm, 25 cm x 4.6 mm

Mobile Phase: (70/30) Hexane/Ethanol

Flow Rate: 1.0 mL/min

Reflect™ Immobilized Phase Characteristics

Product Name	Selector	Equivalent Competitive Products*	USP	Particle Sizes	pH Range	Maximum Pressure
Reflect I-Amylose A	Amylose tris(3,5-dimethylphenylcarbamate)	CHIRALPAK®IA, IA-3; Lux®i-Amylose 1	L99	3, 5, 10, 20 µm	2 - 9	6,000 psi
Reflect I-Cellulose B	Cellulose tris(3,5-dimethylphenylcarbamate)	CHIRALPAK®IB, IB-3	N/A			
Reflect I-Cellulose C	Cellulose tris(3,5-dichlorophenylcarbamate)	CHIRALPAK®IC, IC-3; Lux®i-Cellulose 5	N/A			

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Contact us to learn more about Reflect™ immobilized and coated chiral stationary phases.

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