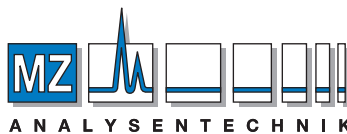


Ultisil™ Chiral HPLC Column

welch



AUTHORIZED DISTRIBUTOR

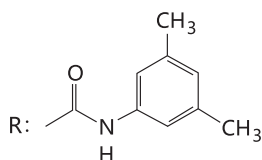
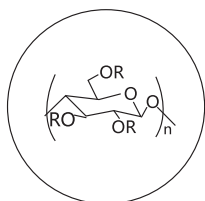
MZ-Analysentechnik GmbH, Barcelona-Allee 17 • D-55129 Mainz
Tel +49 6131 880 96-0, Fax +49 6131 880 96-20
e-mail: info@mz-at.de, www.mz-at.de

Product Information

Ultisil™ Chiral Columns are based on spherical silica particles coated with chiral polymers (amylose derivatives or cellulose derivatives). Welch offers 5µm and 10µm particles, and four types of chiral columns: Cellu-D, Cellu-J, Amy-D and Amy-s. 80% of all racemic compounds can be separated by these four chiral columns.

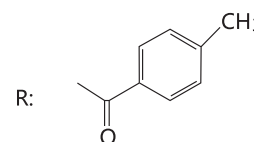
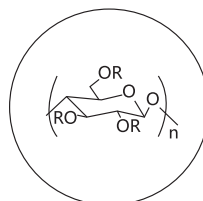
Cellu-D/Cellu-DR:

Cellulose tris (3,5-dimethylphenylcarbamate) coated silica



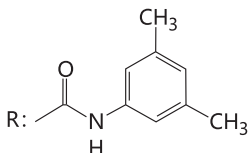
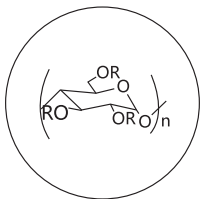
Cellu-J/Cellu-JR:

Cellu-J/Cellu-JR: Cellulose tris (4-methyl benzoate) coated silica



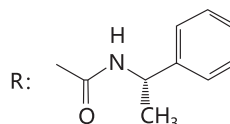
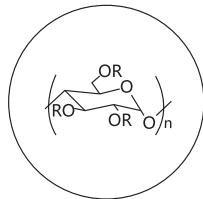
Amy-D/Amy-DR:

Amylose tris (3,5-dimethylphenylcarbamate) coated silica



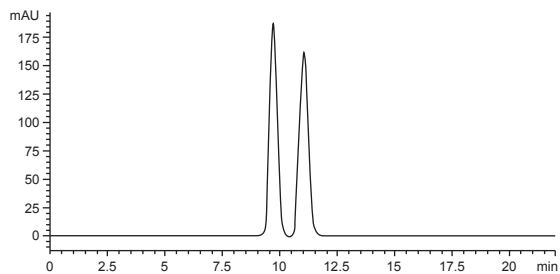
Amy-S/Amy-SR:

Amylose tris [(S)-α-methylphenyl carbamate] coated Silica



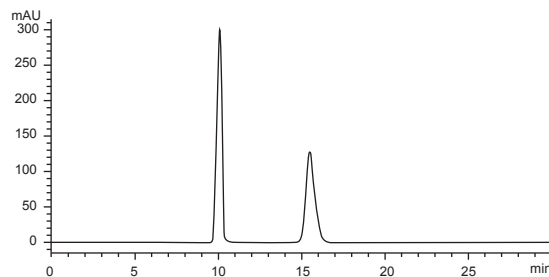
Applications

Fenamiphos



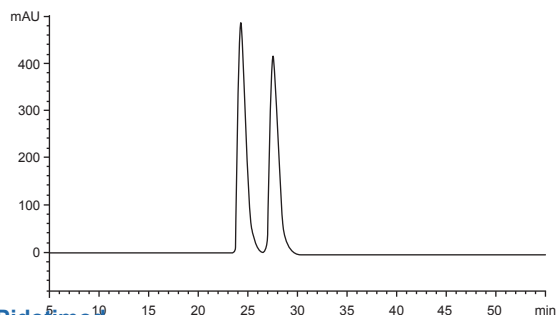
Column:	Ultisil™ Amy-D
Mobile Phase:	N-hexane: EtOH=90:10

Tröger's Base



Column:	Ultisil™ Cellu-J
Mobile Phase:	N-hexane: isopropanol=90:10

DL-Repaglinide

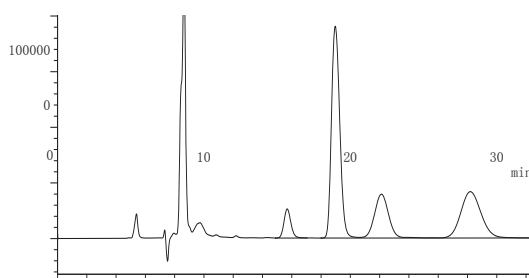


Pidofimod

Column:	Ultisil™ Cellu-D
Mobile Phase:	N-hexane: EtOH:TFA=90:10:0.1

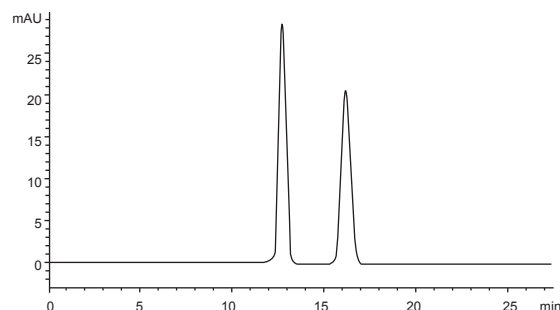
300000

200000



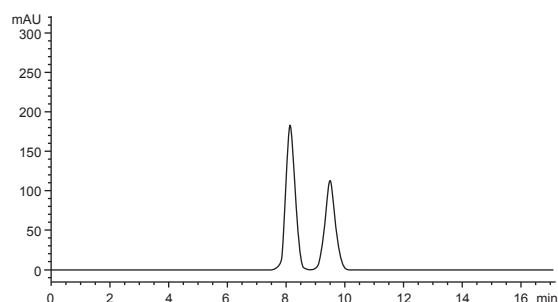
Column:	Ultisil™ Amy-D
Mobile Phase:	N-hexane: EtOH =95:5

Myclobutanil



Column:	Ultisil™ Amy-S
Mobile Phase:	N-hexane: EtOH=90:10

Oxirane,2-[(phenylmethoxy)methyl]-



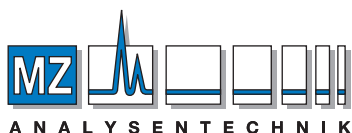
Column:	Ultisil™ Amy-S
Mobile Phase:	N-hexane: isopropanol =98:2

Ordering Information

Dimensions	Cellu-D	Amy-D	Cellu-J	Amy-S	Cellu-DR	Amy-DR	Cellu-JR	Amy-SR
5µm, 4.6×150mm	00219-31041	00221-31041	00218-31041	00218-31041	00218-31041	00218-31041	00218-31041	00218-31041
5µm, 4.6×250mm	00209-31043	00221-31043	00218-31043	00218-31043	00218-31043	00218-31043	00218-31043	00218-31043
10µm, 4.6×150mm	00209-41041	00221-41041	00218-41041	00218-41041	00218-41041	00218-41041	00218-41041	00218-41041
10µm, 4.6×250mm	00209-41043	00221-41043	00218-41043	00218-41043	00218-41043	00218-41043	00218-41043	00218-41043
5µm, 10×150mm	02682-21101	02684-21101	02681-21101	02681-21101	02681-21101	02681-21101	02681-21101	02681-21101
5µm, 10×250mm	02682-21102	02684-21102	02681-21102	02681-21102	02681-21102	02681-21102	02681-21102	02681-21102
10µm, 10×150mm	02682-31101	02684-31101	02681-31101	02681-31101	02681-31101	02681-31101	02681-31101	02681-31101
10µm, 10×250mm	02682-31102	02684-31102	02681-31102	02681-31102	02681-31102	02681-31102	02681-31102	02681-31102
5µm, 20×150mm	02682-21131	02684-21131	02681-21131	02681-21131	02681-21131	02681-21131	02681-21131	02681-21131
5µm, 20×250mm	02682-21132	02684-21132	02681-21132	02681-21132	02681-21132	02681-21132	02681-21132	02681-21132
10µm, 20×150mm	02682-31131	02684-31131	02681-31131	02681-31131	02681-31131	02681-31131	02681-31131	02681-31131
10µm, 20×250mm	02682-31132	02684-31132	02681-31132	02681-31132	02681-31132	02681-31132	02681-31132	02681-31132

★ Welch Materials also provides Chiral Prep columns. Please contact Welch or your local distributor for more information.

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