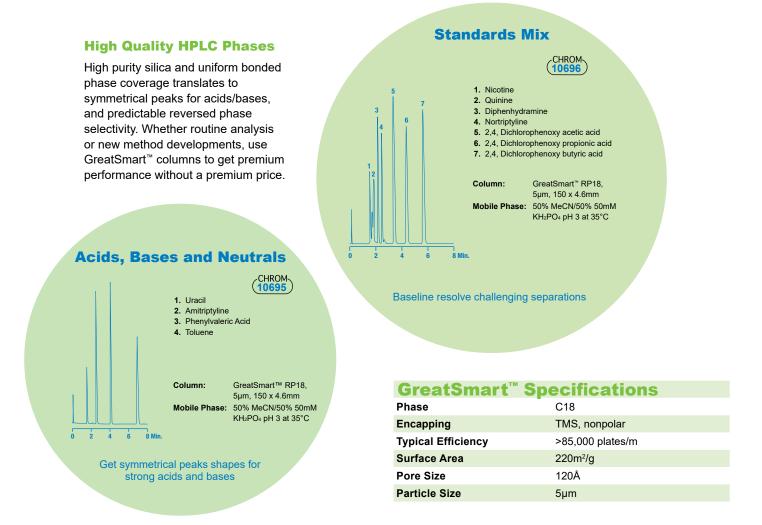


GreatSmart[™] (formerly GraceSmart) HPLC Columns

• High Purity Phases

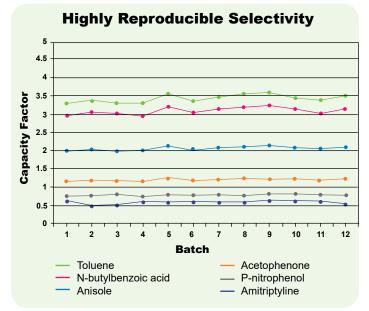
Exmere Ltd

- Efficient and Reproducible
- General Use Selectivity
- Exceptional Value



Reproducible Methods Start with Reproducible Columns

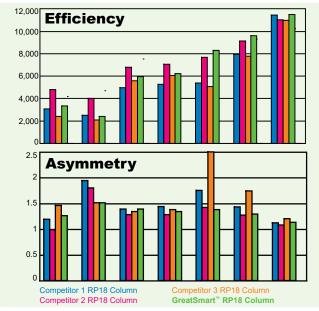
Our tightly controlled silica synthesis and bonding keep capacity factor and selectivity variations to a minimum. The advanced packing methods deliver consistently high column-to-column efficienc .



Consistent batch-to-batch capacity for acidic, basic & neutral compounds

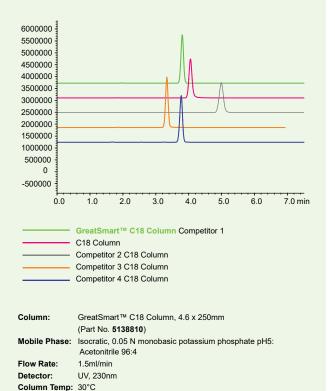
Expect Competitive Performance

Efficient manufacturing is driving force for competitive pricing, but certainly not at the risk of non-competitive performance. GreatSmart columns show equal or better efficiency and asymmetries for challenging base and acid components in comparison to industry leading columns



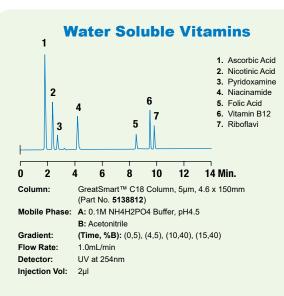
GreatSmart[™] columns compares favorable to leading competitor columns

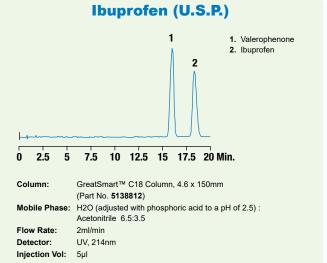
Amoxicillin (U.S.P.)



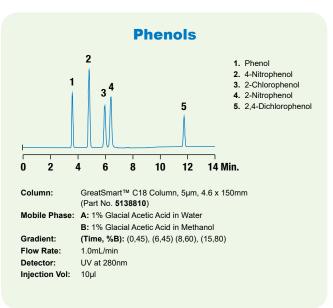
	USP Spec	GreatSmart™ C18 Col	Comp 1 C18 Col	Comp 2 C18 Col	Comp 3 C18 Col	Comp 4 C18 Col
Ret. Time (min)	N/A	3.800	4.050	4.988	3.333	3.768
Theoretical plates	≥1700	8543	7216	6230	7049	7680
Tailing Factor	≤2.5	1.015	1.180	1.041	1.034	0.979
k`	1.1≤k`≤2.8	1.2	1.6	2.3	0.99	1.6

Injection Vol: 10µl





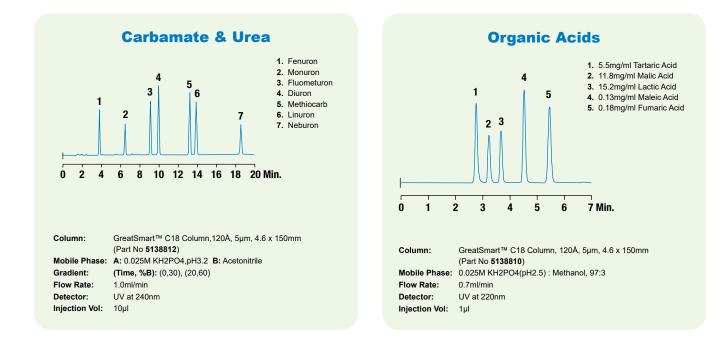
	Si	imv	vast	atiı	n Ta	ble	ts (U.S.P)
\vdash							
Ó	2	4	6	8	10	12	14 Min.
Colu	ımn:		eatSmai art No 5 '		8 Colum	n, 4.6 x	250mm
Mob	ile Phas				·	phosph	ate pH4.5: Acetonitrile 35:
Flow	v Rate:	1.5	ml/min				
Dete	ector:	U٧	, 238nm	I			
Colu	umn Tem	p: 45	°C				
Injed	ction Vol	: 10	ul				



Choose Wisely - GreatSmart® Columns

Grace Davison Discovery Sciences sets a new standard in HPLC columns. We make everything -from the silica particle to the finished product. Our streamlined manufacturing process allows delivery of the highest performance, at an exceptional value!

GreatSmart [™] RP18 Columns							
Part No.	i.d. x Length	Particle Size	Price				
5138812	4.6 x 150mm	5µm	inquiry				
5138810	4.6 x 250mm	5µm	inquiry				
5138811	2.1 x 150mm	5µm	inquiry				
5138813	2.1 x 250mm	5µm	inquiry				



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Dr. Maisch GmbH

Any Column, Any Size, Any Media

Dr. Maisch HPLC GmbH acquired associated Grace Davison Discovery Sciences product lines in 2016, please kindly find official announcement with link below: https://grace.com/en-us/Pages/discovery-sciences.aspx

FRESH BIOSCIENCE (SHANGHAI) CO., LTD.

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